

# SELF STUDY REPORT (SSR)

OF

**HOLY MARY INSTITUTE OF TECHNOLOGY AND SCIENCE**



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SUBMITTED TO



**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
(NAAC), BANGALORE**

MAY – 2017

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## **PREFACE**

It gives me an immense pleasure to bring out the Self Study Report (SSR) of Holy Mary Institute of Technology & Science (HITS), Hyderabad, for submission to the National Assessment and Accreditation Council (NAAC), Bangalore, for re-assessment. Holy Mary Institute of Technology and Science (HITS) was approved by AICTE and was started in the year 2001 with three Under Graduate courses. The Institution has grown year by year and currently offering 6 Under Graduate courses and 5 Post Graduate Engineering courses and 1 Management course.

The College aims to mould the student community hailing mostly from the marginalized and weaker sections of the society into useful individuals and guide them to contribute constructively towards national goals by upholding the values of secularism, national integration and social commitment. The primary objective of the institution is to enable the students to cope with the demands of the contemporary global scenario through effective transaction of the curricular and co-curricular aspects. Academic excellence, personality development and social orientation are our guiding principles.

The strength of the institution is its qualified and committed faculty members, industrious administrative staff, state of the art infrastructure, well equipped college library with DELNET facility, interactive smart classes, high speed Wi-Fi internet access, availability of computers in a student ratio of 1:4, Digital Language Lab, Centralized Computing Facility with reprographic facility, good academic ambience and the enthusiastic students. The college has always been in the forefront in fulfilling its social objectives in terms of educational attainments and producing quality individuals. The Institution achieved many laurels since its beginning with the involvement of Management, Principal, Faculty, Staff and Students (Stake holders). Some of the achievements are Permanently Affiliated to JNTUH, NAAC Accreditation, NBA Accreditation(Waiting for the result) and etc..

This report provides the criterion-wise compilation of the inputs, processes and outcomes of our institution for the quality sustenance and improvement. This SSR has given us an opportunity to identify our strengths and to understand our weaknesses. It helps us to enhance the strength to provide quality and excellence in education. Every one of our college member is involved in the process of review and self-appraisal. The present report is the outcome of the team effort of all the stakeholders. Let me express my sincere thanks to the management, faculty, staff and IQAC members for their fullest support and co-operation for the preparation of this Self Study Report.

**PRINCIPAL**



**HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE**

(Sponsored by Holy Trinity Educational Society)  
Approved by AICTE, New Delhi, and Permanent Affiliation to JNTU, Hyderabad  
Accredited by NAAC

College Code

**C9**

**Dr. N.Subhash Chandra**

M.Tech, Ph.D.

Date: 15-05-2017

Principal,

The Director,  
National Assessment and Accreditation Council (NAAC)  
Bangalore.

Dear Sir,

**Sub:** Submission of SSR – HITS, Hyderabad – Reg.

**Ref:** Mail from CAPU-NAAC, dated: 2<sup>nd</sup> May 2017.

\* \* \* \*

With reference to the above subject cited, I am herewith submitting the Self Study Report (SSR) along with a D.D. for Rs. 3,45,000/- (Rupees three lakh forty five thousand only) vide bearing No. 135496, dated 12-05-2017, drawn in favour of The Director, NAAC payable at Bangalore, towards processing fee.

Kindly acknowledge the same.

Thanking you,

Sincerely,

  
**PRINCIPAL**

**PRINCIPAL**

HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE

Keesara (M), Ranga Reddy (Dt.), Telangana State, India

Enclosures:

1. 5 sets of SSR (Print copies)
2. CD with SSR
3. DD of Rs. 3,45,000/- vide bearing No: 135496 dated 12/05/2017, SBH, Keesara branch
4. Declaration by the Head of the institution.
5. Compliance certificate

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Phone : 08415-200488, 200499, 040-23353909

Mobile : 9848511063, 9848889962/65, 9848437912, Fax : 040-23813102

Mail ID : principalhitscoe@gmail.com, Website : www.hits.ac.in

<b>SBH</b> State Bank of Hyderabad Issuing Branch: SBH - KEESARA Tel No. 08418-285435		<b>DEMAND DRAFT</b> DEMAND DRAFT Key: VIGCEO Sr. No. 280251 0 0 0 5 2 0 1 7 O D M M Y Y Y Y	
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## **I. EXECUTIVE SUMMARY- SWOC ANALYSIS**

### **Criterion I: Curricular Aspects**

Holy Mary Institute of Technology & Science is an institute affiliated to Jawaharlal Nehru Technological University, Hyderabad (JNTUH) (formerly Jawaharlal Nehru Technological University). Many senior faculty members of the institution contribute in designing and developing curriculum at University level. Care is taken to develop appropriate need-based curriculum in consultation with experts, based on the feedback from stakeholders, resulting in the development of relevant programmes with flexibility, to suit the professional and personal needs of the students. At institute level, well documented ISO processes based on Plan, Develop, Check and Analysis (PDCA) cycle ensure that the curriculum is effectively implemented. Inputs received from various stake holders help in providing academic flexibility and enriching the curriculum. In order to take timely corrective and improvement actions, a firm critical assessment system is also followed.

### **Criterion II: Teaching-Learning and Evaluation**

HITS takes efforts to serve students of different back grounds and abilities, through effective teaching-learning experiences. Use of different teaching methods and aids, engage students in higher order 'thinking' and investigation. Interactive teaching techniques engaged students in higher order thinking and investigation through class room practices like group discussion, debate, and internships. Their technical skills and knowledge are updated by exposing them into various in-house programs, conferences, workshops, seminars, symposiums etc. The learned centered education system improves the efficiency of learning skills of the students. Outcome Based Education (OBE) process is in practice, it probes into the adequate competence as well as continuous provision on development of the faculty. A transparent performance evaluation system has been adopted continuously and reviewed to provide enhancement in the Teaching-Learning process.

### **Criterion III: Research, Consultancy and Extension**

The Faculty members and Students were published 200 research papers from three academic years. Some of the students presented their innovative ideas in prominent institutions like IISC Bangalore. The Institution have MOU with companies to give consultancy service. Now Institution have 10,00,000 worth consultancy projects among this some of the works completed and some are ongoing projects. 50 faculty members are pursuing their Ph.D degree from various universities.



#### **Criterion IV: Infrastructure and Learning Resources**

The institution has excellent infrastructure with a built-up area of 35,073 sq.m in the shadow of green coconut trees and lawn. The institution has sufficient resources allocated for regular upkeep of the infrastructure and provides separate block for each programme of study with updated hi-tech laboratory, computer centers, department library and fully furnished seminar halls. Holy Mary Institute of Technology & Science is known not only for good quality education but for its excellent performance in curricular, co-curricular and extracurricular activities. Besides the college encourages the students to learn through non-academic activities by facilitating required ambiance such as huge playground, and open air theatre. A central library with 48000 volume of books, 200 journals, periodicals, audio and video resources, e-resources accessibility and the facilities are continuously updated and upgraded to meet the ever-changing demand of the industry and society. The Institution has provision to accommodate about 200 boys and 100 girls in separate hostels. In addition the college operates nearly 15 buses for the benefit of students, staff and faculty. Inside the campus, the facilities like, canteen, stationary shops with printing, ATM, courier center and health care centre with ambulance are available.. The infrastructure includes about 1000 computers with 65 Mbps Internet and Wi-Fi connectivity.

#### **Criterion V: Student Support & Progression**

The institution publishes its updated prospectus annually and provides all the information regarding admission, various programs, student facilities and placement information. There are about 2500 students from various backgrounds. To meet the requirements of the students, the students are monitored and administrated through ERP system. The students receive financial assistance especially for SC/ST, OBC and economically weaker sections. HITS motivates students to participate in various National & International extra & co curricular activities, entrepreneurial skills are inculcated through EDC. The students are supported and guided in preparing for the competitive exams such as GATE/GRE/TOFEL/GMAT etc. Counseling services are made available to the students through counselor and various cells for students have established. The institution has a well -defined structured mechanism for career guidance and placement of its students which provides requisite training and motivates the students for research and higher studies. The students are guided and counseled in terms of their personal and career perspective, through mentoring and counseling sessions. Remedial lectures are conducted for low performing students. The institute encourages the students to participate in various events and sports and strives to interact with alumni for their academic support. Continuous feedback is obtained from alumni, graduating students and Industrial Advisory Board regarding teaching learning process, placements, internships and entrepreneurial activities. To be

relevant in today's global market, this assessment is vital for the success of the institute.

### **Criterion VI: Governance, Leadership and Management**

The overall governance of the college aims to meet the mission and vision of the institution. Since an academic freedom is given to the college, various leadership positions are framed with required powers, this helps to ensure the excellence in governance. It permits faculty to enact freely in formulation of development objectives, directives for certain plans with prescribed guidelines. The financial power is delegated at various levels. An Internal Quality Assurance Cell (IQAC) ensures the standard of various parameters relevant to the teaching learning process by periodic audit and upgrades the professional competence of the faculty members.

### **Criteria VII: Innovation and Best Practices**

The institution is very much committed to preserve and protect its complete environment. The green cover encompasses 40% of the campus land area with various shady trees like Delonix, Pongamia, Palm and Neem species alongside the lush green lawns endowed with various crotons and supported by hedges, Ashokas. The institute has taken its share of social responsibility in reducing carbon emission through renewable energy source like solar energy for computer labs in mechanical engineering department. The conventional lighting is steadily replaced with CFL and LED lamps. There is an adequate mechanism prevailing in the institute for maintaining and protecting the green environment. A scheme is under active consideration for recharging bore wells from rainwater and also diverting the silage for garden plantation. The institute at its own level has taken up certain preventive measures to check the emission of carbon dioxide.

The institution strives to have a conducive environment for creative and innovative initiations in all spheres of academic progression leading to quality enhancement.

Two of the best practices contributed to the achievement of the institutional objectives contributed to the quality improvement of the core activities of the institute are inculcating the spirit of research among faculty for a progressive technological growth and holistic approach for overall development of students by emphasizing co circular and extra curricular activates A new paradigm of synergy between 'Engineering Education' and 'Fundamental Scientific Research' and Role of an Engineer in the Society: Awareness and Practice through National Service Scheme (NSS).

### **Vision of Holy Mary Institute of Technology & Science**

"To be a premier institute in the country and region for the study of engineering, technology and management by maintaining high academic standards which promote the analytical thinking and independent judgment among the prime stakeholders enabling them to function responsibly in the globalized society."

### **Mission of Holy Mary Institute of Technology & Science**

- To impart quality professional education that meets the needs of present and emerging technological world.
- To strive for student achievement and success, preparing them for life and leadership with ethics.
- To provide a scholarly and vibrant learning environment that enables faculty, staff and students achieve personal and professional growth.
- To contribute to advancement of knowledge, in both fundamental and applied areas of engineering, technology & management.
- To undertake research and development works by forging alliances with research institutes, government organizations, industries and alumni and become a centre of excellence for quality professional educations and research.

HMITS has the vision of becoming one of the leading institute in the field of higher education and technology in India. HMITS focus on research and education as the twin goals of the organization. Faculties are well qualified, motivated and are able to advance with both ideas and technological developments in their fields which would benefit the society and nation as a whole.

### **The Unique Practices at HMITS are:**

- Emphasis on continuous evaluation
- Communication skills
- Modern Electives with pre-requisites
- Learner centric system
- Emphasis on analytical
- Choice Based Credit System
- Industrial Case studies & Mini Modeling
- Re-examination within month
- Open ended experiments
- Soft skill training

- Self study based on ICT
- Activity based learning
- Psychological Counseling
- Quality enhancement in engineering education through active industry relations and offerings like **Microsoft** Campus Program, **IBM** Emerging Technologies Lab, **HP Software University**, **Oracle** WDP Centre, **National Skill Development Corporation-STAR** Program, **INTEL** Intelligence Lab, **AUTODESK** Design & Engineering Club, and **LEADS LAB** Program .
- Most of the content delivered is on latest trends so flexibility to teachers and students.
- Teacher Assessment Examination (TAE) through quizzes, seminars, assignments.

### **SWOC Analysis**

#### **Methodology:**

A SWOC Analysis was carried out internally with the help of few advisors keeping in view the vision map of the institution. The HoDS, Coordinators, Faculty and Students were interviewed and a report on the findings was prepared. The SWOC analysis was conducted by having brainstorming sessions at the department level and institute level involving all stake holders.

The SWOC analysis has been conducted by taking the following inputs into consideration:

1. Faculty Interaction
2. Students' feedback
3. Alumni feedback
4. Industry feedback
5. Parents-Teachers meeting feedback
6. Feedback of Administrative staff
7. Feedback of Non teaching staff
8. Feedback reports of the committees from University.
9. Analysis of results of past years.

The inputs provided by various stakeholders were categorized into different groups such as general observations, resources, academics, policies and administration, R&D, Industry-Institute interaction, co-curricular and extra-curricular activities, Alumni and Training and Placement.

## **SWOC Analysis**

### **Strengths:**

- HMITS is one of the well established; engineering institution in Telangana State offering UG, and PG programmes and affiliated to JNTUH, Hyderabad.
- According to a survey conducted by Times Review July 2015, HMITS ranks at 14th position in India's Top Engineering Colleges and of the Top 15 Engineering Colleges ranked by state, is at 6th position in Telangana.
- Sprawling campus with well laid built-up structures and scenic landscape and perfect eco ambience
- Permanent affiliation from Jawaharlal Nehru Technological University, Hyderabad
- Progressive Management with a positive attitude.
- Highly qualified and experienced teaching faculties and technical staff from premier institutes like IITs, NITs, Universities with good retention in all departments.
- All our teaching faculties are M. Tech/M.Phils, pursuing Doctorates, or Doctorates with rich experience in teaching, R&D & Industry. Many of our faculty are invited as resource persons, in Conferences / Seminars /Workshops / Faculty Development Programs organized by other institutes.
- Meritorious students with good academics prefer the institute for admission. Diverse socio economic backgrounds of students.
- Good Computing and Internet facilities. The campus is Wi-Fi enabled.
- The institute has good library and provides access to books, journals, magazines, news papers and also has subscription to online journals.
- The institute is located in the vicinity of the industrial area of the city and is very well connected by road, rail and near to the airport (20 Km).
- The institute is well recognized by major industries/employers and is well reflected in companies visiting the campus for placement. Major industries such as I-net solutions, Genpact, Mphasis, Eider Motors, Polaris, Corpone, Max Group, Export Soft, Infosys, Virtusa etc., visit college for campus recruitment.
- Large numbers of students participate in co-curricular & extracurricular activities in the institute and also in other institutes. The institution has active professional society chapters and all branches have student associations & technical clubs.

- Many activities have been taken on the social issues with the techno-managerial embedment.
- The R&D cell has an exclusive budget for research activities resulting in faculty participation/ publication of their research work at national & international level and efforts to patent new ideas. Funded research projects from various agencies are in progress and there is a Microsoft centre of excellence in the campus and research publications and quality improvement programmes are supported in the institution.
- IQAC cell to monitor quality parameter in all spheres
- The college has a very good record in placement. The alumni of this institute occupy top positions in several corporate houses and as such the college has a good reputation in the corporate world. The students get very good academic as well as soft skill inputs which will result in better placement for the present students
- Curriculum enrichment through value added courses, contents beyond Syllabus and Use of latest teaching learning process
- The institute provides a learning environment to develop the academic as well as professional skills of the students. OBE enabled effective teaching-learning system being practiced with full commitment.
- The institute has initiated e-administration, online feedback system targeted towards continuous improvement.
- The institute has a strong Alumni base with large number of alumni having occupied good positions in the country and abroad.
- The institute has established Industry Institute Partnership Cell.

**Weaknesses:**

- Lack of flexibility for making changes in curriculum as per industry requirements as the institute is affiliated to JNT University, HYderabad.
- The fees collection being the only major source of revenue generation puts constraint on undertaking large investment and up gradation projects.
- Limited opportunities for the faculty members to undertake research projects and consultancy assignments.
- Professional training in tune with new trends and technologies is yet to gear up.
- The transition from input based education to outcome based learning is under progress.

- Need to use new technologies like Cloud along with high end ERP solution.
- More efforts needed for better industry-institute partnership, building entrepreneurs and incubating start-ups.
- Little funding received from the Government agencies for infrastructure/research upliftment.

**Opportunities:**

- Seeking autonomous status from the University in order to improve the academics with proper updates and quality of education based on OBE system.
- Accreditation from NAAC and NBA in order to ensure good quality in teaching-learning system.
- Tie up with foreign universities, research laboratories and the institutes of national importance for academic & research purposes.
- Establishing Centres of Excellence in key technology areas.
- New avenues of getting support in terms of Research grants and technology from the funding agencies as well as industries.
- Contributing to the Nation by participating with industries and government agencies through consultancy assignments.
- Moulding the students with the international exposure coupled with competitive preparedness through related examinations, conferences, training sessions, internships and visits.

**Challenges:**

- Establishment of National Institutes like IIT's, NIT's and IIIT's providing better features and benefits to the students leading to stiff competition.
- Government's proposed policy to allow foreign universities to set up their campuses in India.
- Higher faculty/staff attrition rate due to increased number of institutions.
- Declining emotional quotient of the students.
- Difficult to attract bright faculty because of better opportunities in industries and trend of migrating to metro cities.
- Change in government's policies regarding admissions and fee structure.

### **Strategic plan for Institutional Development based on SWOC analysis**

Based on SWOC analysis, the following strategies are planned to enhance teaching learning process, improving employability of the students at both UG and PG.

1. More emphasis on Outcome Based Education
2. Offer scholarships to attract talented students to gain competitive advantage
3. Improvement in academic performance by achieving Autonomy
4. Enhancing faculty skills through FDP and continuing education programme.
5. Encourage faculty to participate in technical events and publication their work
6. Equip labs with more modern technical setup to be in-tune with the rapidly changing technologies
7. Conduct remedial classes to weak students
8. Enhancing the library resources with e-access and more subscriptions with improved infrastructure.
9. Promote entrepreneurship ventures and consultancy projects by meritorious students under the guidance of teachers, alumni and industry experts
10. Strengthen Industry Institute Partnership Cell & Improved Industry collaboration.
11. Add more effectiveness for Career Guidance, Training and Placement activities and train the students as per the industry needs.
12. Improve soft skills and leadership qualities to students through experiential learning
13. More opportunities for students to get engaged with the core as well as service industry sectors through internships and projects (for UG and PG students) and Improving employability.
14. Emphasis on industry and research based projects more relevant to the local requirements
15. Promote interaction with premier institutions to enhance and scaling up R&D and Collaborative Research activities.
16. Organizing interactive sessions for faculty members and students with alumni and industry experts about latest technological developments and Creation of Modern Teaching Ambience
17. Initiating various Community Development programmes
18. Environmental protection and green campus activities
19. Enhancing the system performance by staff training and office automation.



## II. PROFILE OF THE AFFILIATED / CONSTITUENT COLLEGE

### 1. Name and address of the college:

<b>Name</b>	: Holy Mary Institute of Technology & Science
<b>Address</b>	: Bogaram (V), Keesara (M), Medchal(D),
<b>City</b>	: Hyderabad <b>Pin:</b> 501 301 <b>State:</b> Telanagana
<b>Website</b>	: www.hits.ac.in

### 2. For Communication:

Designation	Name	Telephone No with STD code	Mobile	Fax	Email
Principal	Dr. N Subhash Chandra	O:08415 200499 R: 9848511063	9848511063	040 23813102	principalhitscoe@gmail.com
Steering Committee Coordinator	Dr. K V Murali Mohan, Professor	O:08415 200488 R: 9246109293	9848889965	040 23813102	kvmuralimohan@hmgi.ac.in

### 3. Status of the of Institution :

Affiliated College   

Constituent College   

Any other (specify)   

### 4. Type of Institution:

#### a. By Gender

i. For Men   

ii. For Women   

iii. Co-education   

#### b. By Shift

i. Regular   

ii. Day   

iii. Evening

5. Is it a recognized minority institution?

Yes  No

6. Source of funding:

Government

Grant-in-aid

Self-financing

Any other

7. a. Date of establishment of the college: ...19/05/2001.....

8. a. University to which the college is affiliated /or which governs the college (If it is a constituent college)

JNTUH, HYDERABAD

b. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
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(The Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act Enclosed)

c. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ clause	Recognition / Approval details Institution / Department / Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
1.4.3 clause 10(k)	AICTE	10-04-2017	1 Year	

(Enclose the recognition/approval letter)

9. Does the affiliating University Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes  No

10. Is the college recognized?

a. By UGC as a College with Potential for Excellence (CPE)?

Yes  No

b. For its performance by any other governmental agency?

Yes  No

If yes, Name of the agency .....and Date of recognition: .....  
(dd/mm/yyyy)

11. Location of the campus and area in sq.mts:

Location *	BOGARAM, KEESARA, MEDCHAL DIST, TELANGA STATE.
Campus area in sq. mts.	11.5 Acers
Built up area in sq. mts.	35,073 Sq.mts

(\* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

12. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

\* Auditorium/seminar complex with infrastructural facilities

\* Sports facilities

\* play ground

\* gymnasium

**Hostel**

\* Boys' hostel

i. Number of hostels 1

ii. Number of inmates 200

iii. Facilities  
(mention available facilities) TELEPHONE, INTERNET,  
Wi.Fi

\* Girls' hostel

i. Number of hostels 1

ii. Number of inmates 100

iii. Facilities  
(mention available facilities) TELEPHONE, INTERNET

- \* Working women's hostel **NA**
  - i. Number of inmates
  - ii. Facilities (mention available facilities)
- \* Residential facilities for teaching and non-teaching staff (give numbers available -- cadre wise) **NA**
- \* Cafeteria **YES**
- \* Health centre – **YES**  
First aid, Inpatient, Outpatient, Emergency care facility, Ambulance **YES**  
Health centre staff –  
Qualified doctor Full time  Part-time   
Qualified Nurse Full time  Part-time
- \* Facilities like banking, post office, book shops **NO**
- \* Transport facilities to cater to the needs of students and staff **YES**
- \* Animal house **NA**
- \* Biological waste disposal **YES**
- \* Generator or other facility for management/regulation of electricity and voltage **YES**
- \* Solid waste management facility **YES**
- \* Waste water management **YES**  
Water harvesting **YES**

13. Details of programmes offered by the college (Give data for current academic year)

Sl. No	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned / approved Student strength	No. of students admitted
1	Under Graduate	<b>B. Tech</b> 1.ECE, 2.CSE, 3.Mech, 4.Civil, 5.EEE 6. MINING	4 years	Inter/ Diploma	English	120 120 120 120 120 60	94 121 63 94 37 0

Sl. No	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned / approved Student strength	No. of students admitted
2	Post Graduate	<b>M. Tech</b> 6.Highway Engg. 7.CNIS 8.CAD/CAM 9.Machine Design 10.Embedded systems 11. Computer Sciecne Engineering 12. VLSI Design 13. Electrical Power Systems 14. Power Electroics	2 years	Bachelors Degree (B. Tech)	English	18 18 18 18 18 36 18 18	18 09 17 18 11 0 0 0
3	Integrated Programmes P G	-	-	-	-	-	-
4	Ph.D.	-	-	-	-	-	-
5	PG	M.B.A	2 Years	Bachelors Degree	English	60	41
6	Ph. D.						
7	Certificate courses						
8	UG Diploma	-	-	-	-	-	-
9	PG Diploma	-	-	-	-	-	-
10	Any Other (specify and provide details)						

14. Does the college offer self-financed Programmes?

Yes  No

If yes, how many? 16

15. New programmes introduced in the college during the last five years if any?

Yes  No  Number 06

16. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the

departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Disciplines	UG	PG	Research
Science	S&H		
Arts			
Commerce & Management		MBA	
Engineering	EEE, CSE, ME, CIVIL, ECE, Mining	M.TECH	

Number of Programmes offered under

- a. annual system Nil
- b. semester system 16
- c. trimester system Nil

17. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, and M.Com...)

- a. annual system NIL
- b. semester system 16
- c. trimester system NIL

18. Number of Programmes with

- a. Choice Based Credit Systems: **06 programs**
- b. Inter/Multidisciplinary Approach  
Any other (specifies and provides details)

19. Does the college offer UG and/or PG programmes in Teacher Education?

Yes  No

If yes,

- a. Year of Introduction of the programme(s)..... (dd/mm/yyyy) and number of batches that completed the programme
- b. NCTE recognition details (if applicable) Notification No.: .....  
Date: ..... (dd/mm/yyyy) Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes  No

20. Does the college offer UG or PG programme in Physical Education?

Yes  No

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy) and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.: .....

Date: ..... (dd/mm/yyyy)

Validity:.....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes  No

21. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the UGC / University / State Government Recruited										
Yet to recruit										
Sanctioned by the Management / Society or other authorized bodies Recruited	30	01	08	01	145	54	53	14	32	08
Yet to recruit	0	0	0	0	0	0	0	0	0	0

\*M-Male \*F-Female

22. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.	12	2			04	02	18
M. Phil.							
PG	18	01	08	01	145	54	227
Temporary teachers							
Ph.D.							
M.Phil.							
PG							
Part-time teachers							
Ph.D.							
M.Phil.							
PG							

23. Number of Visiting Faculty /Guest Faculty engaged with the College.

**Nil**

24. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year 1		Year 2		Year 3		Year 4	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	74	07	52	8	32	10	26	12
ST	39	11	34	4	18	02	07	-
OBC	135	11	177	38	99	28	78	30
General	77	19	186		261		240	
Others	49	03	13	05	06	01	04	02

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	338	122	-	-	460
Students from other states of India	25	04	-	-	29
NRI students	-	-	-	-	-
Foreign students	45	-	-	-	45
<b>Total</b>	<b>408</b>	<b>126</b>	<b>-</b>	<b>-</b>	<b>534</b>



25. Dropout rate in UG and PG (average of the last two batches)

UG 

0.1 %
-------

 PG 

0 %
-----

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary component 

Rs.53,440/-
-------------

  
(b) Excluding the salary component 

Rs.17,388/-
-------------

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes  No

If yes,

Is it a registered centre for offering distance education programmes of Another University?

Yes  No

- a. Name of the University which has granted such registration.   
b. Number of programmes offered   
c. Programmes carry the recognition of the Distance Education Council.  
Yes  No

28. Provide Teacher-student ratio for each of the programme / course offered

UG - 1:15 PG - 1:12

29. Is the college applying for Accreditation :

Cycle 1  Cycle 2  Cycle 3  Cycle 4

Re-Assessment:

**(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)**

30. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: ...03/03/2015..... (dd/mm/yyyy) Accreditation  
Outcome/Result... **B (CGPA 2.72)**

Cycle 2: ..... (dd/mm/yyyy) Accreditation  
Outcome/Result.....

Cycle 3: ..... (dd/mm/yyyy) Accreditation  
Outcome/Result.....

\* Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.

31. Number of working days during the last academic year.

276

32. Number of teaching days during the last academic year

(Teaching days means days on which lectures were engaged excluding the examination days)

180

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC .....05/08/2013..... (dd/mm/yyyy)

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i) ..... (dd/mm/yyyy)

AQAR (ii) ..... (dd/mm/yyyy)

AQAR (iii) ..... (dd/mm/yyyy)

AQAR (iv) ..... (dd/mm/yyyy)

Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information).

## **CRITERION – I CURRICULAR ASPECTS**

### **1.1. CURRICULUM PLANNING AND IMPLEMENTATION**

#### **1.1.1. State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.**

##### **VISION**

“To be a premier institute in the country and region for the study of engineering, technology and management by maintaining high academic standards which promote the analytical thinking and independent judgment among the prime stakeholders enabling them to function responsibly in the globalized society.”

##### **MISSION**

- To impart quality professional education that meets the needs of present and emerging technological world.
- To strive for student achievement and success, preparing them for life and leadership with ethics.
- To provide a scholarly and vibrant learning environment that enables faculty, staff and students achieve personal and professional growth.
- To contribute to advancement of knowledge, in both fundamental and applied areas of engineering, technology & management.
- To undertake research and development works by forging alliances with research institutes, government organizations, industries and alumni and become a centre of excellence for quality professional educations and research.

##### **Quality Policy**

“We at Holy Mary Institute of Technology & Science endeavor to pursue global standards of excellence in all our endeavors, namely Engineering Education for all graduates and post-graduates, Research, Consultancy, and Continuing Education and to remain accountable through a process of self-evaluation and continued improvement.”

##### **Objectives of the Institution**

- To impart Quality Technical Education imbued with proficiency, human values and
- Continuous improvement.

- To offer students with a strong foundation in the Engineering fundamentals necessary to formulate, solve and analyze engineering related problems.
- To facilitate students to develop a systematic ability to analyze the requirements of the problem, understand, design and provide novel engineering solutions and efficient product designs by applying the knowledge gained.
- To provide the exposure to emerging cutting edge technologies, adequate training and opportunities to work as teams on multidisciplinary projects with effective
- Communication skills and leadership qualities to focus the future placement.
- To promote Research and Development (R&D) and effective Institute-Industry interaction
- To obtain Autonomous Status under UGC.

**Communication of the vision, mission and objectives to the students, teachers, staff and other stakeholders are through:**

- The vision, mission and objectives of the college are communicated to our stakeholders and displays at all prominent places in the college.
- College Website.
- College prospectus, College magazine, Information Brochures.
- Displaying notices on the notice board.
- Departments have displayed the vision and mission statements in their respective department offices and the office of the HODs.
- College programs and Posters within the campus.
- Parents meeting.
- Alumni meeting.

**1.1.2. How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).**

The college meticulously develops action plans for effective implementation of the curriculum. At the outset, the advisory committee of the college conducts meetings with the faculty members of various department heads to develop strategies for effective implementation of the curriculum. Teachers are encouraged to impart the curriculum through innovative teaching methods such as audio-

video presentations, assignments, discussions, workshops, seminars, industrial visits apart from regular /traditional teaching methods. The detailed process is as given below:

- Curriculum and academic calendar are given by the JNT University and the same is followed by the Institution with Formulation of objective driven teaching plan at the beginning of the semester with additions of co-curricular and extra curricular activities like conduct of workshops, seminars, conferences, professional society events and other student development activities.
- Allocation of the subjects to the faculty is done taking into consideration of the faculty qualifications, subject specialization, experience and their choice.
- Teaching plans (Lesson Plan) are prepared by individual teachers for the subjects they are handling, including the labs within the ambit of the academic schedule. The suitability of the Lesson Plan and the Course Material against the syllabus is verified by the senior faculty and HOD before the commencement of the semester.
- Depending on the number of tutorial / practical hours required for each course, each department prepares the time table for effective implementation of the curriculum.
- Detailed Course Files are prepared by the faculty which includes teaching material, PPT slides, unit wise question bank, assignment questions, result analysis, lesson plan, time table, missing topics and material of content beyond syllabus, key of mid exams.
- The progress of syllabus coverage is monitored periodically at various levels.
- Class attendance registers which also include the topics covered on day to day basis are scrutinized by the HOD and the Principal.
- Identifying slow learners, conducting coaching class and effective practice tests is a regular practice.
- Adopting new and innovative teaching techniques, in addition to the traditional lecture method to get the students actively involved in the teaching learning processes and employing learner centric techniques such as web related assignments, peer learning, group discussion, use of NPTEL lectures, case studies, projects, surveys, quiz etc., in the delivery of the academic courses
- For practical sessions well planned lab manuals are prepared by the lab handler. A viva voce is conducted for each experiments and model examination is conducted before the commencement of University practical examinations.

- All departments arranges industrial visits, encourage and supports the students in undergoing In-plant training in industries in the vacation, supports the students in obtaining Industrial projects and internships with stipend in various institutes/ research organizations.
- Conducting Parents meeting and students counseling has been done along with routine class work. Entrusting the teaching faculty with the task of mentoring 20 students on academic and personal issues, thereby strengthening the bond between teachers and students, leading to a better learning atmosphere.
- Meetings of Class Representative Committee members is held by the Head of the Department to review the teaching learning process periodically and remedial measures are taken if necessary.
- Standard evaluation methods are followed by all the faculty members of all the departments uniformly while allowing individual innovations.
- Academic internal audit of Attendance Registers, Internal Examination Question papers and answer sheets is carried out at the end of each academic year.
- Institution Organizes suitable guest lectures and industrial visits to improve the effectiveness of implementation of the curriculum designed and specified by JNT University
- Periodical feedback is obtained from the students on aspects of teaching-learning.

**1.1.3. What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?**

**Support from University:**

- The institution is affiliated to the JNT University, Hyderabad. The University provides the curriculum, course syllabus, academic calendar and regulations for various programs.
- University also provides academic schedule, objective, text and reference books. It also invites the teaching faculty of colleges to participate in various academic bodies.
- University conducts Faculty Development Programme (FDP) every year during summer and winter vacation periods, where the teachers can strengthen their knowledge in their subjects and also learn the methodology of effectively teaching them.

- University regularly organizes refresher courses, orientation programs and workshops to keep the knowledge and teaching aptitude of the teachers updated.
- The faculty of the college can discuss their issues or problems, if any, while participating in the meetings of the Board of Studies.

**Support from Institution:**

- The Institution encourages the faculty to participate in the workshop, seminar, and conference to improve the teaching learning process. Departments organize intra-departmental FDP programs to further the knowledge of the faculty on the latest advancements in the industry and new topics introduced by the University in the curriculum.
- The faculty members are encouraged to share their domain knowledge through presentation, to improve their effective communication skills.
- In order to encourage the faculty to adapt to modern teaching methods, every department has an e-classroom equipped with an LCD projector to deliver subject content with practical examples and application through pictures and technical videos provided by NPTEL.
- Various e-Journals access facilities are made available.
- Internet and Wi-Fi facility with 50Mbps is available in the campus for accessing journals and other e- resources for self-learning.
- The institute motivates the faculty to involve in research activities and writing books, monographs apart from teaching.
- The College library procures text books suggested by the faculty members and also subscribes to other teaching and reference material like Journals, technical magazines, teaching models and software to provide effective tool for the instruction delivery.
- Lectures of eminent professors on various subjects will be procured by the library and makes them available in the central and department libraries for the use of faculty and students.
- The college supports faculty for Industry-Institute interaction for designing need based syllabus and also to become members of BOS, conduct Students industrial visits and upgrade laboratories.
- The Institution invites subject experts from reputed Institutions, Industries and Research organizations to deliver expert sessions in lined with current advancements in all areas to student and faculty.

- Faculties are encouraged to become members in professional bodies to receive newsletter, journals, invitations to professional meets and latest advancement in Engineering.

**1.1.4. Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.**

For an effective teaching learning process a learner centric pedagogy is practiced in the following ways:

- Subject allotment based on proficiency matrix, experience and performance in previous years.
- Time table framed with provision for Value Added Programmes (VAP), seminar and library hours.
- Preparation of proper lesson plan, notes on lesson, question bank, lab manuals well in advance and posted on the website.
- Monitoring of course delivery and syllabus completion through formal and informal feedbacks.
- Systematic examination process, standard question papers, proper and prompt evaluation and dispatch of reports to parents.
- Guest lectures, seminars, Industrial visits and training programmes to supplement the curricular inputs.
- Refresher courses, workshops, FDPs for skill upgradation of faculty.
- Provision of infrastructure facility in the form of well established labs, workshops and modern teaching aids are provided to the faculty.
- To better understand the fundamental subjects, the students are asked to deliver seminars on recent developments in the subject outside the syllabus content. Additional complex problems are given as assignments.
- Current research topics are assigned to students by the faculty to take-up mini-projects, technical seminar and project.
- Tutorial and special classes will be conducted for students who have scored less than minimum marks.
- Students are encouraged to participate in extra-curricular and social activities by organizing fest/NSS/Conferences



- Motivating students for doing research work and present papers in seminars and conferences and publish in journals.
- Bridging Industry –Institution gap with suitable value added programmes which are part of the regular time table.
- Adopting “outcome based approach” for the effective delivery of the curriculum. Even the pattern of setting of the question papers for the internal tests is so designed to facilitate the assessment of the attainments of the course outcomes for the various courses.

**1.1.5. How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?**

The institution networks and interacts with various bodies in the effective operationalisation of the curriculum and other related activities in the following ways:

**Industry**

- Institution organizing the Industry connect program regularly that serves as a forum for interaction between the experts from industries and faculty as well as students.
- The Institution has signed MoU with several organizations for the defined outcomes as given in the Table below.
- Guest lectures, workshops and Faculty Development Programme by industry experts provide an opportunity to network with the industry.
- Companies visiting for campus placement provide an opportunity to network with industry personnel.
- Industrial visit and in-plant training by student and faculty also provide network with outside technical world
- The institution invites representatives of the industry to be on the Advisory Board of the Departments. They interact with the students on a regular basis and communicate the requirements of the industry. They also help identify the gaps in the curriculum and suggest the add on topics to fill the gaps.
- In order to operationalize the curriculum, all the departments identify and deliver additional topics and additional experiments from a practical view point.

**Research Bodies**

- To keep the research temper alive in the campus, research scholars from various fields are invited to the college to inspire the students.
- The faculty regularly attends seminars, workshops, conferences, etc, organised by other institutions and research organizations.

**University**

- The institution is in continuous contact with the university. Faculty keeps in touch with their colleagues in the university and discusses the challenges and developments in respective subjects.
- Professors from the university are regularly invited to the institution for taking part in seminars, workshops, etc.
- The Governing Body of the college has nominees from the Industry and the University.

**Details of MoU and collaboration with the other Institutions:**

S. No.	Department	Industry/R/U	Nature of Interaction	Duration	Type of association
1	EEE	Matru Technologies	Student Projects	3Years	Training
2		Orange Research Labs	R&D Work	4Years	Reserach
3		SAK Informatics	R&D Work	4Years	Reserach
4		ARK Solutions	Skill Enhancement	3Years	Student training
5	ECE	FICE	Intel FICE Training Program	1 Week	Interactive Training
6	Mechanical	Autodesk	AutoCAD Training	3 years	Student training
7		EDS Technologies	Training	2 years	Student training
8		CIPET	Industrial visit mini and major projects	3 years	Student training
9	CSE	Oracle	Workforce Development Programme	40 hrs	Student training

**Experts from industry:**

S. No.	Department	Name of the Resource Person & Organization	Date
1	CIVIL	Mr.Obula Reddy&Mr.Naresh Kumar-Bharathi Cement	21.09.2015
2		Mr.P.Ashok (RETAIRED AS CHIEF ENGG.) & Mrs.P.Anuradha (Asst.Prof In KSA)	29/07/16&30/07/16
3		S.B.SANKAR RAO-Sri indu college of engineering	17.03.2016
4		KASI VISHWANADHAM POMMAPALLI-IIC ACADEMY	03/01/17 TO 06/01/17
5		R.RANGANATH-EYIRE Designs, Bangalore.	27/03/17 TO 01/04/17
6		Dr. Narayan sangam- Vignan institute of technology & science	26/09/2016
7	EEE	Sri.G.Srinivas, Retd.Engg ,NMDC-HYD	22/08/16-23/08/16
8		Dr.V.P.Singh, Retd.G.M, BHEL-HYD	14/09/16
9	ECE	Mr.B.Rajeshwar, Imagination Technology	20/08/2016
10		Mrs. Lalitha Kumari Guntupalli, Netcracker Technology	17/09/2016
11		Mr. Pradeep, INTEL FICE	21/10/2016
12	Mechanical	Harivenkateshwar rao/ DRDO	14/09/2015
13		Mr Bhanu prakash Dixith/auto desk	07/09/2015
14		C V Chalapati rao/ PRAGA TOOLS LTD	12/08/2015
15	CSE	Mr. Keerthivardhan Naidu Sunkura, ADP Pvt Ltd., Hyderabad	15/10/2016
16		Mr. Arun Kumar Jonnalagadda, CSC, Hyderabad	21/01/2017
17		Mr. P. Suryanarayana Raju, ADP Pvt Ltd., Hyderabad	18/02/2017

**Details of Industrial visits**

S.No.	Date	Department	Industry visited	Coordinator
1	7/2/2017	CIVIL	GSV PROJECTS PVT.LTD.	N.RAMESH KUMAR
2	5/2/2015		TSERL	J.VINEELA RAJI
3	18/3/2016		Kakatiya thermal power plant	S.SUBHASH RAJU
4	06/08/16	EEE	33/11 KV SubStation-Gatkesar	T.SantoshKumar
5	12/08/16		CPRI-HYD	S.VenuMadhav
6	31/08/16		POWERGRID-HYD	V.Vishnuvardhan Yadav
7	22/09/16		AshaBhanu Technical Services Ltd	S.KiranKumar
8	12-09-2015	ECE	BHEL	Mr. G .Sreekanth
9	10-03-2015		HAL	Mr. B. Karunaiah
10	13-10-2014		BHEL	Mr. G .Sreekanth
11	23-01-2015		BEL	Mr. B. Karunaiah
12	21-09-2013		RTTC, BSNL	Mrs. K. Vanisree
13	08-10-2013		EMD	Mr. R. Prabhakar
14	06-08-2013		ECIL	Mr. B. Karunaiah
15	20-08-2013		Doordarshan Kendra	Mrs. K. Vanisree
16	18-03-2014		HAL	Mrs. D Aruna Kumari
17	25-02-2014		NRSC	Mrs. K. Vanisree
18	07/09/2015	Mechanical	Machine tool exhibition at HITEX	B santhosh
19	02/01/2016		CIPET	Mr. sangamesh H
20	10-02-2017	CSE	Surya Tech Solutions, Hyderabad	Mr. B. Ravi Kumar

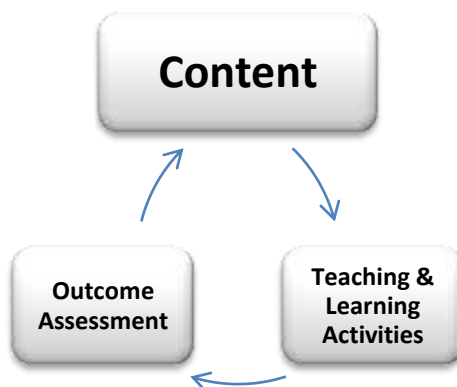
**Campus recruitment details:**

S.No.	Year	Company Visited	No of Students Placed
1	15-12-2016	GENPACT	10
2	11-02-2017	PMRT	08
3	16-02-2017	CONCENTRIS	07
4	16-02-2017	INFOSYS	07
5	01-03-2017	INTELENET GLOB	17
6	03-03-2017	HGS	22
7	04-03-2017	IMC	02
8	04-03-2017	GI Group	02
9	08-03-2017	AMAZON	08
10	17-03-2016	Genpact	25
11	06-04-2016	NUCLUE SOFTWARE	09
12	04-06-2016	SINVEY Software Solutions	20
13	26-07-2016	TechMahindra	19
14	27-10-2014	PINGAKSHO TECHNOLOGIES	15
15	30-10-2014	YASH TECHNOLOGY	18
16	11-11-2014	SELLENT INFRA TECH PVT.Ltd.	25
17	28-02-2015	EIDER MOTOR Ltd.	17
18	20-03-2015	AGIMULSE Solutions Pvt. Ltd.	06
19	07-04-2015	POLARIS BPO	14
20	07-04-2015	TechMahindra	05
21	23-04-2015	SONATA	01
22	04-11-2015	CHASE	01
23	21-03-2016	CAPGEMINI	01

The feedback from the students periodically helps to understand the problems that arise from time to time in the teaching-learning process and to take remedial measures. It also helps in arranging suitable guest lectures by industrial experts on topics of current interest in various specialisations and In plant training for the students. Students are taken to industrial visits to expose them to the present industrial practices. Some students take up projects in industries appropriate to their branch of study. Faculty members take up Industrial training during semester end vacation periods to learn and teach the students the current industrial practices. Experts are also invited from industries as judges for the quality assessment of students' projects.

**1.1.6. What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.**

- The curriculum designed by the JNT University is adequate and dynamic. The last revision was done in the academic year 2015-16. However, based on the systematic feedback of the students on course outcomes and alumni on attainment of programme outcomes teachers at the department level discuss the curriculum and through the members, the required and suitable changes are recommended to the University authorities.



- Feedback from stakeholders like exit students, alumni, parents, industry are taken by faculty and assessed by the college academic committee. Based on the assessment, the Heads of the college are allowed to give the suggestions and updates while preparing the curriculum.

**1.1.7. Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If ‘yes’, give details on the process (‘Needs Assessment’, design, development and planning) and the courses for which the curriculum has been developed.**

The curriculum is given by the JNT University. But wherever there is a gap identified by the departmental advisory committee in the curricula of the University as per the requirements of the industries, employability and higher education, suitable add-on, training programs are planned and developed by the Training and Placement Cell and the respective departments and imparted to the students. A few of the programmes developed are: Soft skill development, Technical skill development and enhancement program, Certification courses and Entrepreneurship Programms etc.

Details of some of the Certificate courses organised during last four years:

Year	Name of the course/ Training Program	Partnering Institution/ Industry/ Agency	Dates and duration
<b>DEPARTMENT-CIVIL</b>			
2016-17	RIVET	AUTO DESK	3/4/17 TO 8/4/17
	FOUNDATIONS AND PRACTICE OF MICROSTATION V8i	IIC ACADEMY	3/1/17 TO 6/1/17
	STAADPRO	AUTO DESK	27/3/17 TO 1/4/17
	AUTOCAD	AUTO DESK	13/9/16 TO 19/9/16
2015-16	RIVET	AUTO DESK	27/2/16 TO 4/3/16
<b>DEPARTMENT-EEE</b>			
2016-17	One week training programme on PLC-SCADA	COTMAC Electronics Pvt ltd-Pune	20/03/17-24/03/17
	One day workshop on PLC-SCADA	MKRIAS PVT LTD	16/09/16
	Two day workshop on Electrical simulation using PSPICE and MATLAB	Retd.Engg ,NMDC-HYD	22/08/16-23/08/16
2015-16	One day training on Electrical Maintenance	ADE-TSTRANSCO	01/10/16
	One day workshop on Speed Maths	AnilNair classes	21/2/15
2014-15	Industrial Training	Industry	22/1/15
2013-14	Two day workshop on Android APP Development	Sri.Shikardobbi	8/3/14&9/3/14
<b>DEPARTMENT-ECE</b>			
2016-17	Intel FICE Training	FICE	2016
2015-16	Intel FICE Training	FICE	05-10 Oct2015
	EMBEDDED PRO TEST	ISM University	21-12-2015
<b>DEPARTMENT-MECH</b>			
2016-17	SOLID WORKS – 3D Printing	Vivatech Digen Studio	3.1.17 TO 4.1.17
	MECH-AUTOCAD	Ramsys InfoCAD	7.9.16 TO 21.9.16
2015-16	AUTO CAD & INVENTOR (MECH)	EDS Technologies	10.2.16 To 15.2.16
2014-15	AUTO CAD	Ramsys InfoCAD	6.10.14 To 11.10.14
	ENTREPRENEURSHIP DEVELOPMENT CELL	MSME –MDP Program	5.8.14 TO 11.8.14
2013-14	SOFT SKILL - CRT	Atiqest (Macher Techno Consults)	17.7.13 TO 8.8.13
<b>DEPARTMENT-CSE</b>			
2016-17	HP Testing tools	Mr Rajesh, Steinmetz, Hyderabad	11/07/2016 to 20/07/2016

Year	Name of the course/ Training Program	Partnering Institution/ Industry/ Agency	Dates and duration
	Java	Mr. Naveen, Steinmetz, Hyderabad	26/09/2016 to 02/10/2016
	Microsoft Technology Associates – Software Development Training	Ms. Jyothi and Ms. Sravanthi	26/09/2016 to 29/10/2016
	Microsoft Technology Associates – HTML 5	Ms. Jyothi and Ms. Sravanthi	30/09/2016 to 04/10/2016
	Java	Mr. Mallikarjuna Prasad, Steinmetz, Hyderabad	15/12/2016 to 27/12/2016

**1.1.8. How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?**

The essential objectives of an engineering education are that after completion of the programme a student should possess a sound knowledge of the engineering concepts and their application, be strong in his analytical skills, have good communication skills, be able to work and contribute in a team environment, exhibit leadership potential and have a zest for lifelong learning.

To achieve the above objectives, the institution follows an ‘outcome based education approach’ in the teaching-learning and evaluation processes. Every programme has a set of Programme Outcomes based on the graduate attributes concerning that specific programme. The University syllabus for every course in a programme is divided into units and associative Course Outcomes. Further, for enabling an easy direct assessment of attainment of these course outcomes, the internal examination question paper patterns and assignments for each course are suitably framed based on Blooms Taxonomy of learning and marks are awarded. The percentage of students getting more than 70% of the marks allotted for any course outcome is considered as a measure of its attainment.

The methods followed to ensure the achievements of stated objectives are:

- All the academic programs curriculum developed by the University are implemented by the concern faculty by stating the course objective and outcomes to the students
- Preparation of competency matrix and allotment of subjects based on the expertise and experience of the teachers.



- Teaching plans are prepared by individual teachers for the subjects they are handling, including the labs within the ambit of the academic schedule. The academic schedule is strictly followed as per the almanac.
- Detailed course files are prepared by the faculty which includes teaching material, PPT slides, unit wise question bank, assignment questions, result analysis, lesson plan, time table, missing topics and material of content beyond syllabus, key of mid exams.
- The progress of syllabus coverage is monitored periodically at various levels.
- Attainment of course objectives and outcomes is evaluated through a feedback obtained from the students.
- Regular feedback is taken from all the stake holders such as the employers, alumni, parents, students and media reports to assess the extent to which the Program Objectives are met.
- Meetings of Class Representative Committee members is held by the Head of the Department to review the teaching learning process periodically and remedial measures are taken if necessary.
- Faculty members attend appropriate Faculty Development Programmes organised within and outside the college to become familiar with the newly added advanced syllabus topics.
- Periodical feedback is obtained from the students on aspects of teaching-learning.
- Based on the assessment of feedback from various stakeholders, placements, higher studies the curriculum is strengthened by adding topics beyond syllabus, additional experiments, workshops and Guest lecturers in the curriculum to meet the stated objectives by the important bodies of the institute such as academic committees.

It is observed that by the implementation of the aforesaid methodologies, the specified objectives of the curriculum are met as stated below:

- Most of the students achieve good marks in their university examinations. The college also secures good number of university ranks.
- Students of the institution achieve success in various inter-college and intra-college competitions.
- The alumni of the institution have secured good positions in different organizations /institutions.

- Periodic assessment is made to analyze goal implementation and target realization to ensure that the Institution marches towards achieving its stated mission and vision.

## **1.2. Academic Flexibility**

### **1.2.1. Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.**

The curriculum prescribed by JNTU Hyderabad is strictly followed by the institution. The institution is not authorized to conduct any certificate courses. However, in the interest of the students, the institution in association with industries and R&D organizations conduct foundation programs. Programs are offered by the institution to enrich skill development for placement in industries. In addition, job oriented training programs are offered to students in association with MNC's. The following are the details:

#### **1. Value Added Programs are arranged to bridge the knowledge gap between academia and industry and to strengthen the regular academic programmes prescribed by the University:**

- International Certification Programmes (SCJP, CCNA, CFX)
- Microsoft Certification Program (MCP, MOS, MTA, DOT NET, SQL)
- Embedded System Certification Program
- Specialized CAD/CAM Training
- IBM software training programs
- Employability Training Programs

#### **2. The gap between curriculum and the best industrial practices are bridged through**

- Formation of Innovative Project Cell
- Arranging hands on training sessions
- Industrial visits and in plant training

#### **3. Skill development courses:**

- Soft Skills Training by college faculty
- CRT Training by Industry
- Faculty Development Program

### **1.2.2. Does the institution offer programmes that facilitate twinning / dual degree? If 'yes', give details.**

NO

**1.2.3. Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:**

The institution offers core curriculum in addition to the electives as prescribed by the university.

- The final year students can select elective papers of their choice that are listed in the syllabus.
- The institution also conducts laboratory classes wherein the student does laboratory experiments by himself. In addition to the prescribed experiments by the university, the institution also conducts experiments over and above the list provided by the university.
- Every student has to get the required number of credits both in core domain and other subjects as stipulated by the university. There is no provision for credit transfer and accumulation facility.
- All courses offered in the institution are in modular form which are further divided into sub-modules. Enrichment courses also offered by the institution by way of conducting seminars and workshops.
- Project Work, Mini Project, Seminar & Comprehensive Viva-Voce is compulsory in the final year of the B.Tech programme so that the students would acquire skills to solve problems independently. In each semester, viva-voce for labs is conducted. This serves as a reference platform for an appropriate project selection at the final year level.
- Institution also offers foundation courses, communication skills, soft skills that are beyond the scope of curriculum. This step is initiated by the institution to enhance the employability of students.

**Range of Core / Elective options:**

The detailed number of courses in the core subjects, laboratory and electives are shown in the following table:

**As per JNTU Regulations 2016**

**DEPARTMENT-CIVIL ENGINEERING:**

Program	Semester / Year	Core, Laboratory & Elective Paper
B. Tech (Civil Engineering)	1 <sup>st</sup> semester	6(T), 2(P)
	2 <sup>nd</sup> Semester	5(T),3(P)
	3 <sup>rd</sup> Semester	5(T), 4(P)

Program	Semester / Year	Core, Laboratory & Elective Paper
	4 <sup>th</sup> Semester	6(T), 3(P)
	5 <sup>th</sup> Semester	5(T), 2(P), 1 (E)
	6 <sup>th</sup> Semester	5(T), 2(P), 1 (E)
	7 <sup>th</sup> Semester	4(T), 2(P), 2(E)
	8 <sup>th</sup> Semester	2(T), 1(E), Project
M. Tech (Civil Engineering)	1 <sup>st</sup> semester	6 (T), 1 (P), SEMINAR
	2 <sup>nd</sup> Semester	6 (T), 1 (P), SEMINAR
	3 <sup>rd</sup> Semester	COMPREHENSIVE VIVA, PROJECT SEMINAR, PROJECT WORK
	4 <sup>th</sup> Semester	PROJECT WORK & SEMINAR

**DEPARTMENT-EEE:**

Program	Semester / Year	Core, Laboratory & Elective Paper
B. Tech (Electrical and Electronics Engineering)	1 <sup>st</sup> semester	6(T), 3(P)
	2 <sup>nd</sup> Semester	6(T), 4(P)
	3 <sup>rd</sup> Semester	6(T), 3(P)
	4 <sup>th</sup> Semester	6(T), 3(P)
	5 <sup>th</sup> Semester	6(T), 2(P)
	6 <sup>th</sup> Semester	6(T), 2(P)
	7 <sup>th</sup> Semester	4(T), 2(P), 2(E)
M. Tech (Electrical Power Systems)	1 <sup>st</sup> semester	3(T), 3(E) , 1 (P)
	2 <sup>nd</sup> Semester	3(T), 1 (P),3(E)
	3 <sup>rd</sup> Semester	Project
	4 <sup>th</sup> Semester	Project
M. Tech ( Power Electronics)	1 <sup>st</sup> semester	3(T), 3(E) , 1 (P)
	2 <sup>nd</sup> Semester	3(T), 1 (P),3(E)
	3 <sup>rd</sup> Semester	Project
	4 <sup>th</sup> Semester	Project

**DEPARTMENT-ECE**

Program	Semester / Year	Core, Laboratory & Elective Paper
B. Tech (Electronics and Communications Engineering)	1 <sup>st</sup> semester	6(T), 3(P)
	2 <sup>nd</sup> Semester	6(T), 4(P)
	3 <sup>rd</sup> Semester	6(T), 3(P)
	4 <sup>th</sup> Semester	5(T), 4(P)
	5 <sup>th</sup> Semester	6(T), 2(P)
	6 <sup>th</sup> Semester	6(T), 2(P)
	7 <sup>th</sup> Semester	4(T), 2(P), 2(E)
	8 <sup>th</sup> Semester	1(T), 3(E), Project
M. Tech (Embedded Systems)	1 <sup>st</sup> semester	3 (T), 3 (E), 1 (P)
	2 <sup>nd</sup> Semester	3 (T), 3 (E), 1 (P)
	3 <sup>rd</sup> Semester	Project
	4 <sup>th</sup> Semester	Project

**Department-MECHANICAL ENGINEERING :**

Program	Semester / Year	Core, Laboratory & Elective Paper
B.Tech - Mechanical Engineering	1 <sup>st</sup> semester	6(T), 3(P)
	2 <sup>nd</sup> Semester	6(T), 4(P)
	3 <sup>rd</sup> Semester	5(T), 3(P)
	4 <sup>th</sup> Semester	5(T), 3(P)
	5 <sup>th</sup> Semester	5(T), 3(P)
	6 <sup>th</sup> Semester	5(T), 3(P)
	7 <sup>th</sup> Semester	4(T), 2(P), 2(E)
	8 <sup>th</sup> Semester	1(T), 3(E), Project
M.Tech (CAD/CAM)	1 <sup>st</sup> semester	3(T), 1 (P),3(E)
	2 <sup>nd</sup> Semester	3(T), 1 (P),3(E)
	3 <sup>rd</sup> Semester	Project
	4 <sup>th</sup> Semester	Project
M.Tech (Machine Design)	1 <sup>st</sup> semester	3(T), 1 (P),3(E)
	2 <sup>nd</sup> Semester	3(T), 1 (P),3(E)
	3 <sup>rd</sup> Semester	Project
	4 <sup>th</sup> Semester	Project

**Department-CSE:**

Program	Semester / Year	Core, Laboratory & Elective Paper
B. Tech (Computer Science Engineering)	1 <sup>st</sup> semester	6(T), 2(P)
	2 <sup>nd</sup> Semester	5(T), 3(P)
	3 <sup>rd</sup> Semester	6(T), 2(P)
	4 <sup>th</sup> Semester	6(T), 2(P)
	5 <sup>th</sup> Semester	5(T), 2(P), 1(E)
	6 <sup>th</sup> Semester	5(T), 2(P), 1(E)
	7 <sup>th</sup> Semester	4(T), 2(P), 2(E)
	8 <sup>th</sup> Semester	1(T), 2(E), Mini project, Project, Seminar, Comprehensive Viva
M. Tech (Computer Science Engineering)	1 <sup>st</sup> semester	4 (T), 1(P), 2(E), Seminar
	2 <sup>nd</sup> Semester	4 (T), 1(P), 2(E), Seminar
	3 <sup>rd</sup> Semester	Comprehensive Viva, Project Seminar, Project Work
	4 <sup>th</sup> Semester	Project Work, Seminar
M. Tech (Computer Networks & Information Security)	1 <sup>st</sup> semester	3 (T), 1(P), 3(E), Seminar
	2 <sup>nd</sup> Semester	3(T), 1 (P), 3(E), Seminar
	3 <sup>rd</sup> Semester	Comprehensive Viva, Project Review-I
	4 <sup>th</sup> Semester	Project Review-II, Project Evaluation

**Credit transfer and accumulation facility:**

Not available as per JNTU norms.

**Academic Flexibility**

The institute provides academic flexibility to the students in terms of undertaking projects in allied departments and also in industries/ research organizations, thereby encouraging inter-disciplinary oriented work. Range of Core /Elective options offered by the University and those opted by the college

**Choice based credit system and range of Elective Options**

The students of UG and PG courses may choose upto a maximum of 2 - 6 electives depending on curriculum in the final year. The elective subjects offered are based on the latest technological trends and industrial needs so that at the end of the programme, the student is ready for the industry. For example, the table below gives the range of electives available in the JNT University syllabus and those offered by the department of Computer Science Engineering.

The table below gives the range of electives available in the JNT University syllabus and those offered by the department of Computer Science Engineering.

**Please check and complete the following for all the programmes offered by you**

Course/ Department	Electives offered by the University	Electives opted by the college
<b>DEPARTMENT</b>	<b>CIVIL</b>	
B. Tech – CIVIL	<ol style="list-style-type: none"> <li>1. Disaster management</li> <li>2. Intellectual property rights</li> <li>3. Human values and professional ethics</li> <li>4. Elements of earthquake engineering</li> <li>5. Ground improvement techniques</li> <li>6. Ground water hydrology</li> <li>7. Environmental impact assessment</li> <li>8. Principles of entrepreneurship</li> <li>9. Finite element methods</li> <li>10. Advanced foundation engineering</li> <li>11. Water shed management</li> <li>12. Air pollution and control</li> <li>13. Advanced structural design</li> <li>14. Earth and rock fill dams and slope stability</li> <li>15. Water resource system analysis</li> <li>16. Industrial waste water treatment</li> <li>17. Rehabilitation and retrofitting of structures</li> <li>18. Geo environmental engineering</li> <li>19. Design and drawing of irrigation structures</li> <li>20. Solid waste management</li> </ol>	<ol style="list-style-type: none"> <li>1. Disaster management</li> <li>2. Ground improvement techniques</li> <li>3. Air pollution control</li> <li>4. Industrial waste water treatment</li> <li>5. Rehabilitation and retrofitting of structures</li> </ol>
M. Tech ( HIGHWAY ENGINEERING)	<ol style="list-style-type: none"> <li>1. Applied statistics</li> <li>2. Project management</li> <li>3. Bridge engineering</li> <li>4. Remote sensing and global positioning systems</li> <li>5. Engineering of ground</li> <li>6. Concrete technology</li> <li>7. Road safety engineering</li> <li>8. Land use and transportation modelling</li> <li>9. Transportation system management</li> <li>10. Environmental Impact assessment for transportation projects</li> <li>11. GIS application in transportation engineering</li> <li>12. Optimization techniques</li> </ol>	<ol style="list-style-type: none"> <li>1. Project management</li> <li>2. Concrete technology</li> <li>3. Road safety engineering</li> <li>4. GIS application in transportation engineering</li> </ol>

Course/ Department	Electives offered by the University	Electives opted by the college
<b>DEPARTMENT</b>	<b>EEE</b>	
B. Tech (Electrical and Electronics Engineering)	<ol style="list-style-type: none"> <li>1. Disaster Management</li> <li>2. Intellectual Property Rights</li> <li>3. Human Values and Professional Ethics</li> <li>4. High Voltage Engineering</li> <li>5. VLSI Design</li> <li>6. Digital Control Systems</li> <li>7. Optimization Techniques</li> <li>8. Electrical Distribution Systems</li> <li>9. Neural Network &amp; Fuzzy logic</li> <li>10. Electrical Estimation and Costing</li> <li>11. Renewable Energy Sources</li> <li>12. Principles of Reliability Engineering</li> <li>13. Advanced Control Systems</li> <li>14. EHVAC Transmission</li> <li>15. Nano Technology</li> </ol>	<ol style="list-style-type: none"> <li>1. Human Values and Professional Ethics</li> <li>2. High Voltage Engineering</li> <li>3. Electrical Distribution Systems</li> <li>4. Renewable Energy Sources</li> <li>5. EHVAC Transmission</li> </ol>
M. Tech (Electrical Power Systems)	<ol style="list-style-type: none"> <li>1. EHVAC Transmission</li> <li>2. High Voltage Engineering</li> <li>3. Advanced Digital Signal Processing</li> <li>4. Power Quality</li> <li>5. Micro Controllers and Applications</li> <li>6. Distribution Automation</li> <li>7. Optimization Techniques</li> <li>8. Digital Control Systems</li> <li>9. Renewable Energy Sources</li> <li>10. HVDC Transmission</li> <li>11. Analysis of Power Converters</li> <li>12. Embedded Systems</li> <li>13. Gas Insulated Systems</li> <li>14. Power System Reliability</li> <li>15. PLC and their Applications</li> <li>16. High Frequency Magnetic Circuits</li> <li>17. Reactive Power Compensation and Management</li> <li>18. Voltage Stability</li> <li>19. Instrumentation and Control</li> <li>20. Intelligent Control</li> <li>21. Smart Grid Technologies</li> <li>22. AI Techniques in Electrical Engineering</li> <li>23. Reliability Engineering</li> <li>24. Energy Auditing and Conservation and Management</li> </ol>	<ol style="list-style-type: none"> <li>1. EHVAC Transmission</li> <li>2. Power Quality</li> <li>3. Renewable Energy Sources</li> <li>4. Gas Insulated Systems</li> <li>5. Power System Reliability</li> <li>6. AI Techniques in Electrical Engineering</li> </ol>



<b>Course/ Department</b>	<b>Electives offered by the University</b>	<b>Electives opted by the college</b>
M. Tech ( Power Electronics)	<ol style="list-style-type: none"> <li>1. Special Machines</li> <li>2. HVDC Transmission</li> <li>3. PLC and their Applications</li> <li>4. Micro Controllers and Applications</li> <li>5. Embedded Systems</li> <li>6. Digital Control Systems</li> <li>7. Optimization Techniques</li> <li>8. Digital Control Systems</li> <li>9. Renewable Energy Sources</li> <li>10. Analysis of Power Converters</li> <li>11. Embedded Systems</li> <li>12. Digital Control Systems</li> <li>13. Advanced Digital Signal Processing</li> <li>14. Power Quality</li> <li>15. Switch Mode Power Supplies</li> <li>16. Flexible AC Transmission Systems</li> <li>17. High Frequency Magnetic Components</li> <li>18. Dynamics of Electrical Machines</li> <li>19. Instrumentation and Control</li> <li>20. Intelligent Control</li> <li>21. Smart Grid Technologies</li> <li>22. AI Techniques in Electrical Engineering</li> <li>23. Reliability Engineering</li> <li>24. Energy Auditing and Conservation and Management</li> </ol>	<ol style="list-style-type: none"> <li>1.HVDC Transmission</li> <li>2.Digital Control Systems</li> <li>3.Renewable Energy Sources</li> <li>4.Power Quality</li> <li>5. Flexible AC Transmission Systems</li> <li>6.AI Techniques in Electrical Engineering</li> </ol>
<b>DEPARTMENT</b>	<b>ECE</b>	
B. Tech - Electronics & Communication Engineering	<ol style="list-style-type: none"> <li>1. Human Values &amp; Professional Ethics</li> <li>2. Disaster Management</li> <li>3. Intellectual Property Rights</li> <li>4. Digital Image Processing</li> <li>5. Multimedia &amp; Signal coding</li> <li>6. Object Oriented Programming through Java</li> <li>7. Television engineering</li> <li>8. Optical Communications</li> <li>9. Embedded System Design</li> <li>10. Satellite communications</li> <li>11. Bio-medical instrumentation</li> <li>12. Artificial neural networks</li> <li>13. Telecommunication Switching Systems and networks</li> <li>14. Radar systems</li> <li>15. Network security</li> <li>16. Wireless Communications &amp; Networks</li> <li>17. Digital Signal Processors &amp; Architectures</li> <li>18. RF Circuit Design</li> </ol>	<ol style="list-style-type: none"> <li>1. Human Values &amp; Professional Ethics</li> <li>2. Digital Image Processing</li> <li>3. Embedded System Design</li> <li>4. Satellite communications</li> <li>5. Radar systems</li> <li>6. Wireless Communications &amp; Networks</li> </ol>

Course/ Department	Electives offered by the University	Electives opted by the college
M. Tech (Embedded Systems)	<ol style="list-style-type: none"> <li>1. Advanced Computer Architecture</li> <li>2. VLSI Technology and Design</li> <li>3. Embedded Computing</li> <li>4. Digital System Design</li> <li>5. Embedded C</li> <li>6. Design for Testability</li> <li>7. TCP/IP Networks</li> <li>8. Coding Theory and Techniques</li> <li>9. Soft Computing Techniques</li> <li>10. CPLD and FPGA Architectures and Applications</li> <li>11. Wireless Communication and Networks</li> <li>12. System On Chip Architecture</li> <li>13. Multimedia and Signal Coding</li> <li>14. Network Security and Cryptography</li> <li>15. Hardware Software Co-Design</li> <li>16. Scripting languages</li> <li>17. Adhoc Wireless and Sensor Networks</li> <li>18. Device Modeling</li> </ol>	<ol style="list-style-type: none"> <li>1. Advanced Computer Architecture</li> <li>2. Digital System Design</li> <li>3. TCP/IP</li> <li>4. Wireless Communication and Networks</li> <li>5. Hardware Software Co-Design</li> <li>6. Adhoc Wireless and Sensor Networks</li> </ol>
<b>DEPARTMENT Mech</b>		
B.Tech - Mechanical Engineering	<ol style="list-style-type: none"> <li>1. Intellectual Property Rights,</li> <li>2. Disaster Management</li> <li>3. Human Values and Professional Ethics</li> <li>4. Robotics,</li> <li>5. Unconventional Machining Process</li> <li>6. Mechanical Vibration</li> <li>7. Mechatronics</li> <li>8. Mechanics of Composite Material</li> <li>9. Industrial management</li> <li>10. CNC Technologies</li> <li>11. Automation in Manufacturing</li> <li>12. Design for manufacturing</li> <li>13. Nanotechnology</li> <li>14. Artificial neural networks</li> <li>15. Total quality management</li> <li>16. Maintenance And Safety Engineering</li> <li>17. Renewable Energy Sources</li> <li>18. Plant Layout and Material Handling</li> <li>19. Jet Propulsion And Rocket Engineering</li> <li>20. Computational Fluid Dynamics</li> <li>21. Gas Dynamics</li> </ol>	<ol style="list-style-type: none"> <li>1. Robotics,</li> <li>2. Unconventional Machining Process,</li> <li>3. Intellectual Property Rights,</li> <li>4. Renewable Energy Sources</li> <li>5. Plant Layout and Material Handling</li> </ol>

Course/ Department	Electives offered by the University	Electives opted by the college
M.Tech (CAD/CAM)	<ol style="list-style-type: none"> <li>1. Intelligent Manufacturing Systems Special Manufacturing Process</li> <li>2. Design Optimization</li> <li>3. Advanced Mechatronics</li> <li>4. Design and Manufacturing of MEMS and Micro Systems</li> <li>5. Fuzzy Logic and Neural Networks</li> <li>6. Engineering Research and Methodology</li> <li>7. Quality Engineering in Manufacturing</li> <li>8. Mechanical Behavior of Materials</li> <li>9. Stress Analysis and Vibration</li> <li>10. Rapid Prototyping Technologies</li> <li>11. Automation in Manufacturing</li> <li>12. Computer Aided Process Planning</li> <li>13. Performance Modeling and Analysis of Manufacturing</li> <li>14. Systems</li> <li>15. Numerical Methods for Partial Differential Equations</li> <li>16. Production and Operations Management</li> </ol>	<ol style="list-style-type: none"> <li>1. Mechanical Behavior of Materials</li> <li>2. Automation in Manufacturing</li> <li>3. Production and Operations Management</li> <li>4. Design Optimization</li> <li>5. Advanced Mechatronics</li> <li>6. Quality Engineering in Manufacturing</li> </ol>
M.Tech (Machine Design)	<ol style="list-style-type: none"> <li>1. Computer simulation of machine</li> <li>2. Design Optimization</li> <li>3. Vibration analysis of mechanical system</li> <li>4. Advanced mechanics of composite material</li> <li>5. Mechanics of metal forming</li> <li>6. Design for manufacturing and assembly</li> <li>7. Geometric modelling</li> <li>8. Mechatronics</li> <li>9. Industrial robotics</li> <li>10. Advanced engineering design</li> <li>11. Fuzzy Logic and Neural Networks</li> <li>12. Vehicle dynamics</li> <li>13. Design and analysis of experiments</li> <li>14. Structural health monitoring</li> <li>15. Computational Fluid Dynamics</li> <li>16. Advanced optimization technology and application</li> </ol>	<ol style="list-style-type: none"> <li>1. Design Optimization</li> <li>2. Design for manufacturing and assembly</li> <li>3. Geometric modelling</li> <li>4. Industrial robotics</li> <li>5. Design and analysis of experiments</li> <li>6. Computational Fluid Dynamics</li> </ol>

SELF SUMMARY REPORT FOR ACCREDITATION BY NAAC

Course/ Department	Electives offered by the University	Electives opted by the college
B. Tech – Computer Science & Engineering	<ol style="list-style-type: none"> <li>1. Human values and Professional Ethics</li> <li>2. Intellectual Property Rights</li> <li>3. Disaster Management</li> <li>4. Distributed Systems</li> <li>5. Introduction to Analytics</li> <li>6. Information Security Management</li> <li>7. Software Project Management</li> <li>8. Image processing and Pattern Recognition</li> <li>9. Mobile Computing</li> <li>10. Computer Graphics</li> <li>11. Operation Research</li> <li>12. Big Data Analytics</li> <li>13. Information Security Assessments &amp; Audits</li> <li>14. Machine Learning</li> <li>15. Soft Computing</li> <li>16. Information Retrieval Systems</li> <li>17. Artificial Intelligence</li> <li>18. Computer Forensics</li> <li>19. Web Services</li> <li>20. Semantic Web and Social Networks</li> <li>21. Scripting Languages</li> <li>22. Multimedia &amp; Rich Internet Applications</li> <li>23. Predictive Analytics</li> <li>24. Information Security Incident Response &amp; Management</li> <li>25. Ad hoc and Sensor Networks</li> <li>26. Storage Area Networks</li> <li>27. Database Security</li> <li>28. Embedded Systems</li> </ol>	<ol style="list-style-type: none"> <li>1. Disaster Management</li> <li>2. Distributed Systems</li> <li>3. Software Project Management</li> <li>4. Information Retrieval Systems</li> <li>5. Semantic Web and Social Networks</li> <li>6. Ad hoc and Sensor Networks</li> </ol>
M. Tech (Computer Science & Engineering)	<ol style="list-style-type: none"> <li>1. Software Process and Project Management</li> <li>2. Natural Language Processing</li> <li>3. Pattern Recognition</li> <li>4. Machine Learning</li> <li>5. Parallel and Distributed Algorithms</li> <li>6. Software Architecture and Design Patterns</li> <li>7. Advanced Data Mining</li> <li>8. Storage Area Networks</li> <li>9. Database Security</li> <li>10. Semantic Web and Social Networks</li> <li>11. Wireless Networks and Mobile Computing</li> <li>12. Information Retrieval Systems</li> </ol>	<ol style="list-style-type: none"> <li>1. Software Process and Project Management</li> <li>2. Software Architecture and Design Patterns</li> <li>3. Advanced Data Mining</li> <li>4. Information Retrieval Systems</li> </ol>

<b>Course/ Department</b>	<b>Electives offered by the University</b>	<b>Electives opted by the college</b>
M. Tech (Computer Networks & Information Security)	<ol style="list-style-type: none"> <li>1. Database Internals</li> <li>2. Software Defined Networks</li> <li>3. TCP/IP Protocol Suite</li> <li>4. Cloud Computing</li> <li>5. Internet of Things</li> <li>6. Embedded Systems</li> <li>7. Distributed Systems</li> <li>8. Distributed Computing</li> <li>9. "R" Programming</li> <li>10. Android Application Development</li> <li>11. Algorithmics</li> <li>12. Big Data Analytics</li> <li>13. Bioinformatics</li> <li>14. Biometrics</li> <li>15. Computer Forensics Maths, Data Structures</li> <li>16. Cyber Security Internet Technologies</li> <li>17. Database Internals</li> <li>18. Distributed Systems Security Information Security</li> <li>19. E-Commerce Internet Technologies</li> <li>20. Embedded Systems Digital logic</li> <li>21. Information Security and Audit</li> <li>22. Intellectual Property Rights</li> <li>23. Internet of Things Java</li> <li>24. Internet Technologies and Services Java</li> <li>25. Java Programming</li> <li>26. Linux Programming</li> <li>27. Mobile Computing Java</li> <li>28. Mobile Application Security Mobile Application Development</li> <li>29. OpenStack Cloud Computing Linux Programming</li> <li>30. Operations Research Maths, Data Structures</li> <li>31. Principles of Information Security</li> <li>32. Scripting Languages</li> <li>33. Social Media Intelligence</li> <li>34. Software Engineering</li> <li>35. Storage Area Networks Computer Networks</li> <li>36. Web Usability</li> <li>37. Internet Technologies and Services</li> <li>38. Digital Water Marking and Steganography</li> <li>39. Security Threats</li> <li>40. Network Management and Performance Evaluation</li> </ol>	<ol style="list-style-type: none"> <li>1. Cloud Computing</li> <li>2. Distributed Systems</li> <li>3. Software Engineering</li> <li>4. Internet Technologies &amp; Services</li> <li>5. Distributed System Security</li> <li>6. Cyber Security</li> </ol>

Course/ Department	Electives offered by the University	Electives opted by the college
	41. Storage Area Networks 42. Distributed Systems Security 43. Cyber Security 44. Information Systems control and Audit	

### **Lateral and vertical mobility within and across programmes and courses**

As per the university norms the Engineering course structure has provision for lateral mobility in the programme. Students who qualified in ECET can seek admission into the second year of under graduate courses directly. As per the university norms the Engineering course structure has no provision for vertical mobility in the programme.

### **Enrichment courses**

Every department offers aptitude classes that enable the students to attend campus interviews with ease. Further the Training & Placement department offers guidelines on group discussions, personal interviews etc., during the communication laboratory classes. Also, the department of Humanities and Social Sciences has set up a lab in collaboration with Globe Arena Technology solutions to improve the Language and Communication skills of the students. The placement cell periodically hosts mock placement tests /interviews with experts from the industry and gives their feedback to the respective student departments. The other enrichment courses conducted are:-

- Pre-placement training for final year students
- Preparing the students to design small projects and presentations related to theory work.
- Conducting courses related to the subjects beyond the curriculum. Ex. Program in JAVA, dotnet etc, are conducted beyond the college hours.
- The institute has industry-institute partnership cell (IIPC). Certification courses are conducted by IIPC where the personalities from the industry provide training to the students. Presently, interested students of Mechanical engineering department and Computer Science engineering department are undergoing training by IBM, Microsoft, and Oracle.

Further, the students are offered assistance and support for preparation for GATE, GRE, TOEFL, CAT and GMAT exams by the faculty members even beyond working hours to ease their passage into higher studies.

**1.2.4. Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.**

Yes.

All the programmes offered by the college are self-financing only. All the programmes are approved by AICTE and JNT University, Hyderabad to which the college is affiliated.

**01. The courses offered:**

*List of U.G. Programmes with Intake*

- B.Tech. - Computer Science & Engineering - 120
- B.Tech. - Electronics & Communication Engineering - 120
- B.Tech. - Electrical & Electronics Engineering - 120
- B.Tech. - Mechanical Engineering - 120
- B.Tech. - Civil Engineering - 120

*PG Programmes with Intake*

- M.Tech. (Computer Science & Engineering) - 30
- M.Tech. (Highway Engineering) - 30
- M.Tech. (Embedded Systems) - 30
- M.Tech. (Machine Design) – 30
- M.Tech. (CAD CAM) - 30
- M.Tech. (VLSI Design) - 30
- M.Tech. (Computer Networks & Information Security) - 18
- M.Tech. (Electrical Power Systems) - 30
- M.Tech. (Power Electronics) - 30
- MBA - 60

- 02. Admission Process:** The admission process is based on the policies and guidelines provided by Government of TS. The process of admissions to all the programs offered by the institution is controlled by the Government of Telangana State and totally transparent.

**UG Programme**

**(i) Category – "A"**

The EAMCET convener (Govt of T.S.) fills up 70% of the seats in the Institute by allotting the candidates to this institute on the basis of their choice, their EAMCET ranks and the reservation policy of the Govt. of Telangana State, with 75% weightage to the Common Entrance Test, 25% weight-age to the marks obtained at the qualifying examination, Viz., the intermediate examination.

**(ii) Category – "B"**

The remaining 30% of the seats are filled up by the Institute under the Management / NRI quota as per the guidelines given by the APSCHE and the Govt. of Telangana State for this purpose.

**(iii) Lateral Entry**

The convener of ECET admits 20% of the sanctioned intake for each program for admission directly into the II year of the 4-year B.E/B.Tech program from among the Diploma holders, based on their rank in ECET, their choice of the institute and the reservation policy of the Govt. of Telangana State, under the lateral entry scheme.

**PG Programme**

**(i) Category – "A"**

The PGECET convener fills up 70% of the seats in the Institute by allotting the candidates to this institute on the basis of their choice, their PGECET/GATE ranks and the reservation policy of the Govt. of Telangana State.

**(ii) Category – "B"**

The remaining 30% of the seats are filled up by the Institute under the Management / Sponsored quota as per the guidelines given by the APSCHE and the Govt. of Telangana State for this purpose.

The details of admissions made into the institution by government of T.S. are displayed on their website and also on our college website.

**Curriculum:** The institution follows the curriculum designed by the affiliating Jawaharlal Nehru Technological University, Hyderabad and implemented by the institution through a systematic plan of action which includes semester plan, lesson plan, course file, assignments, internal assessment test schedule. The faculty are encouraged to use different instructional aids like LCD projectors, OHP, Computer and audio equipments for effective planning, implementation and delivery of the curriculum.

**Fee Structure:** The fee structure for the students admitted is fixed by the government of T.S. In all admissions the reservation policy as stipulated by Government of TS is followed.

**Teachers Qualifications:** As per AICTE/JNTUH norms and regulations.



**Salary:** The AICTE qualification is mandatory for teachers recruitment. They are duly approved by the JNTUH and the State Government. The Assistant Professors, Associate Professors and Professors are offered AICTE pay scale.

**1.2.5. Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries**

Yes. The following specific programs are organized in the departments, besides adding additional contents to some of the individual subjects to enhance the skills of the students

- Soft skill development programs
- Quantitative, Logical and Analytical skill development program
- Computer based skill development programs.
- Campus Connect program
- Value added courses in core areas
- Workshops
- Seminars
- Conferences
- Expert lectures
- Extension lectures
- Industrial training and Industrial tours
- Design projects.
- Industry oriented projects.

All departments of the institute conduct lectures delivered by experts from various industries and research organizations. This makes the students aware in terms of novel technologies and latest developments in research. These programs offered by the institution were found to be useful for the students and make them more employable both in the National market and International Market.

Some of the Soft skills development programmes organized by the some of our departments are:

**DEPARTMENT-CIVIL:**

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
2016-17	CIVIL	Project Expo	IV Year Students	Civil department
		Technical Fest <b>ESPARANZA 2K16</b> - Paper Presentation	II,III &IV Year Students	Civil department
		Technical Fest <b>ESPARANZA 2K16</b> - Poster Presentation	II,III &IV Year Students	Civil department
		Technical Fest <b>ESPARANZA 2K16</b> - Technical Quiz	II,III &IV Year Students	Civil department
		INDUSTRIAL VISIT	III &IV Year Students	GSV PROJECTS PVT.LTD.& TSERL
		Seminar On "Applications Of Geology In Civil Engineering"	III &IV Year Students	S.B.SANKAR RAO
2015-16	CIVIL	One day workshop	III &IV Year Students	Mr.OBULA REDDY&Mr.NARESH KUMAR
		INDUSTRIAL VISIT	III Year Students	S.SUBHASH RAJU
2014-15	CIVIL	GUEST LECTURE	II Year Students	G.VENKATESWARLU
		INDUSTRIAL VISIT	II Year Students	Civil department

**DEPARTMENT-EEE :**

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
2016-17	EEE	Project Exhibition	IV Year Students	HITS
		Project Exhibition	IV Year Students	GCET
		Paper Presentation	IV,III,II Year Students	HITS
		Paper Presentation		GCET
		Paper Presentation	IV,III,II Year Students	NCET
		Poster Presentation	III Year Students	GCET
		Poster Presentation	III Year Students	NCET
		Technical Quiz	IV,III,II Year Students	HITS
		Webinar On Teaching Methodologies	Faculty	Sri.Krishna Prasad USA
		Skill Development Mobile Applications Development		TASK

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
		MOCK Placement Interview	Third year Students	Many company HR (CTS, L&T, HCL, etc.,)
		Soft skill training Program (25th Aug.2014)	Third year and Final year Students (Lateral Entry Students and Telugu Medium Students)	Skill Pro Institute Smart Training
		Employability Training Camps	All UG, PG students	Skill Development
		SEMINAR	IV,III,II Year Students	Dr.K.BHASKAR, Professor, JNTU H
		SEMINAR	IV,III,II Year Students	Dr.B.P.SINGH,Rtd.G.M,BHEL,HYD
		WORKSHOP	IV,III,II Year Students	SRI.B.MALLIKARJUN,M.D, HYD
		GUEST LECTURE	IV Year Students	Dr.P.VENKATA PRASAD,Professor,CBIT, HYD
		WORKSHOP	III,II Year Students	SRI.G.SRINIVAS,RTD.EN G,NMDC,HYD
		TRAINING	III Year Students	Ms.KOMAL SHEDGE,TRAINER,PUNE
2015-16	EEE	GUEST LECTURE	IV,III Year Students	SRI. Y.TIRUPATI REDDY (ADE TRANSCO)
		GUEST LECTURE	IV,III Year Students	SRI Y.TIRUPATI REDDY (ADE TRANSCO)
		GUEST LECTURE	IV,III,II,I Year Students	SRI.ANIL NAIR,CEO,HYD
2014-15	EEE	GUEST LECTURE	IV,III Year Students	Dr. J.B.V. Subrahmanyam,Professor ,HYD
		INDUSTRIAL TRAINING	IV Year Students	Mr. RAMESH,TRAINER,HYD
2013-14	EEE	Central Power Training Institute	IV,III Year Students	SRI. G.Mahesh Kumar,AE,HYD
		GUEST LECTURE	IV,III Year Students	Dr. Alivelu Manga Parimi,BITS PILANI,HYD
		WORKSHOP	IV,III,II Year Students	SRI.Shikar Dobb,APP DEVELOPER,HYD
		GUEST LECTURE	III,II Year Students	Prof.C.Pamuleti,HYD

**DEPARTMENT-ECE :**

Year	Department	Details of Program conducted	Resource Person/ Program Conducted by	Beneficiary
2016-17	ECE	Guest Lecture	Dr. Jammi Asok	III & IV B.Tech
		Guest Lecture	Prof. C Pamuleti,	IV B.Tech
		Seminar	Mr.B.Rajeshwar	III B.Tech
		Seminar	Mrs. Lalitha Kumari Suntutpalli	III & IV B.Tech
		Training Program	Mr. Aakash	IV B.Tech
		Training Program	MindBox	III B.Tech
		Training Program	Suryatech Solutions	IV B.Tech
		Training Program	Mr. Chaitanya Deshpande	II B.Tech
		Intel Training Program	Intel FICE	IV B.Tech
2015-16	ECE	Awareness Program	Mr. Rohit Kolukuluri	IV & III B.tech
		Guest Lecture	Dr. G. Sada sivappa	III B.Tech
		Guest Lecture	Mr. B. Rajeswar	III B.Tech
		Awareness Program	Mr. M. Suryanarayana	IV & III B.tech
		Guest Lecture	Mr.P.Vijay Paul	III B.Tech
		Guest Lecture	Prof.M.C.Raju	III & II B.Tech
		Guest Lecture	Mr.H.Rama Chandra Rao	III B.Tech
		Guest Lecture	Mrs.G.Manaswini	IV & III B.Tech
		Guest Lecture	Prof.Pamuleti	IV B.Tech
		Seminar	Mrs.G.Sandya Rani	II B.Tech
		Workshop	Mr.B.A.David	III B.Tech
		Workshop	Prof.T.Pitchaiah	III B.Tech
2014-15	ECE	Seminar	Mr. M. Shanmukh	IV B.Tech
2013-14	ECE	Seminar	Mr. Sai Prasad	IV B.Tech
		Workshop	Geek's Technologies	IV & III B.Tech

**DEPARTMENT-MECH :**

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
2016-17	Mechanical	SOLID WORKS – 3D printing	IV Year Students	Sadanand L/ Vivatech Digen Studio
		Workshop on CREO	IV Year Students	MrSridhar.s
		MECH-AUTOCAD	III Year Students	P.Chetan Kumar/ Ramsys InfoCAD
		SOFT SKILLS (I YEAR)	I Year Students	S. Vamsheedher/ Abigya
		Workshop On Robotics	IV Year Students	
2015-16	Mechanical	MS OFFICE	I Year Students	Sravanthi/ Revment
		AUTO CAD & INVENTOR (MECH)	III Year Students	Nagaraju/ EDS Technologies
		TASK SOFT SKILLS	ALL	TASK
		Guest lecture on robotics	IV Year Students	Harivenkateshwar rao/ DRDO
		Seminar on AutoCAD and 3D Modeling	IV Year Students	Mr Bhanu prakash Dixith/auto desk
		Guest lecture on HVAC& PIPING software	IV Year Students	Mohammed Fakhuroddin H N
		Guest lecture on Machine tools	III Year Students	C V Chalapati rao/ PRAGA TOOLS LTD
		Seminar on CADD Software	IV Year Students	Center CADD Training institute
2014-15	Mechanical	Soft Skills - CRT	ALL	S. Vamsheedher/ Abigya
		AUTO CAD	III Year Students	P. Chetan Kumar/ Ramsys InfoCAD
		ENTREPRENEURSHIP DEVELOPMENT CELL	ALL	Mr. Aravind Patwari & Mohan das & Jaydavan/ MSME – MDP Program
		Guest lecture on Advanced Materials	III & IV Year Students	Mr. Hari Venkateswar Rao Sr. Scientist, DRDO
		Seminar ON A Performance indices for 6 UPS manipulator	III & IV Year Students	Dr. Satish Babu Professor of ME, JNTUH
2013-14	Mechanical	SOFT SKILL - CRT	ALL	Kiran/ Atiquet (Macher Techno Consults)
		Seminar ON Nano Materials	III & IV Year Students	Dr. N.V Ramesh Professor of ME, NMRCE

**Department-CSE :**

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
2016-17	CSE	Project Exhibition	IV Year Students	Mr. V. Krishna
		Paper Presentation	II, III, IV year students	Department of CSE
		Poster Presentation	II, III, IV year students	Department of CSE
		Technical Quiz	II, III, IV year students	Department of CSE
		Challenges and opportunities in the world of IoT	IV CSE	Mr.
		Security threats in Public Clouds	IV CSE	Mr. Prasad Peddi
		HP Testing Tools	IV CSE	Mr. Rajesh (Steinmetz)
		Big Data Workshop	IV CSE	Ms. Akka Lakshmi
		Java	III CSE	Mr. Naveen
		Java	III CSE	Mr. Mallikarjune Prasad
		MTA Training certificate (HTML 5)	III CSE	1. Ms. Jyothi 2. Ms. Sravanthi
		S/W Development Funatica	III CSE	Ms. Jyothi
		Cloud Computing workshop	IV CSE	Tolok-Microsoft
2015-16	CSE	Project Exhibition	IV Year Students	Dr. Dhavan, Professor in EEE
		Paper Presentation	II, III, IV year students	Department of CSE
		Poster Presentation	II, III, IV year students	Department of CSE
		Technical Quiz	II, III, IV year students	Department of CSE
		Internet of Things	IV CSE	Pankaj Diwan Hyderabad
		Two days Workshop on Networking IT Essentials	II& III CSE	Mr. P. Praveen Kumar
		Software Development by using Object Oriented Technologies at Industry	IV CSE Students	Mr Pratap Chilkuri
		Seminar on Software project Management	IV CSE Students	Mrs. K. Megha Chandrika
		Guest Lecture on	III CSE	Mr. T. Hanumantha

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
		"Computer Administration"	Students	Reddy
		Two Days Workshop on "Programming for Games, Web & Mobiles"	IV CSE Students	Peter Walsh & Andrew Laing
		Work shop on "Java & Microsoft Technologies"	IV CSE Students	Miss. Joythi, Miss. Sravanthi
		Guest Lecture on "Operating System"	III CSE Students	Mr. M. Krishna Rao
		Guest Lecture on "Compiler Design"	III CSE Students	Mr. B. Vanshi Krishna
		One day seminar on a journey towards corporate world	II ,III,IV CSE	Mr. Ravi Kumar (TCS)
		One week Workshop on "Core Java"	IV CSE Students	Mr. N. Ramkumar
		Three days Workshop on Microsoft Office Special Training Classes	II CSE Students	Ms Sravanthi, Ms Yashaswi
		One week Workshop on "Oracle"	IV CSE Students	Mrs Parna Chakraborty
		Three days Workshop on Advanced Java programming	IV CSE Students	Mr. N. Ram Kumar
		Six Days Workshop on "Big Bata Analytics"	IV CSE Students	Dr. M. Akka Lakshmi & Mr. D. Srinivas
		Guest Lecture on "PHP"	III CSE Students	Mr. B. RAYALU
		Guest Lecture on "Multimedia Database"	IV CSE Students	Mrs. B. Malathi
		Guest Lecture on "Ad Hoc & Sensor Network"	IV CSE Students	Mr. N. PRABAKAR
		Ten Days Workshop on "HP Testing Tools"	IV CSE Students	Mr. S. Rajesh
2014-15	CSE	Project Exhibition	IV Year Students	Prof. Murali Mohan, Principal, HIT
		Paper Presentation	II, III, IV year students	Department of CSE
		Poster Presentation	II, III, IV year students	Department of CSE
		Technical Quiz	II, III, IV year students	Department of CSE
		Guest Lecture on "Cloud Computing"	IV CSE Students	Mr. K. Rajender

Year	Department	Details of the Program Conducted	Beneficiary	Resource Person / Program Conducted by
		Guest Lecture on "Data Structures"	II CSE Students	Mr. M. Naresh
		Guest Lecture on "Design And Analysis Of Algorithm"	II CSE Students	Mr. M. Srinivas Rao
		Guest Lecture on "Formal Languages and Automata Theory"	II Students	Mr. Y.V. Subba Rao
		Guest Lecture on "Operating System"	III CSE Students	Mr. M. Krishna Rao
		One day Workshop on "Android App Development"	IV CSE Students	Mr. Shikar Dobbi
		A Guest Lecture on "Java Script"	III CSE Students	Mr. Keshav Vardhaman
		Three days workshop on ".NET"	IV CSE Students	Mr. Arjun Bodhak
		Guest Lecture on "Design Pattern"	IV CSE Students	Mr. Chauhan Rahul

Conducting courses related to the subjects beyond the curriculum:

The institute has industry-institute partnership cell (IIPC). Certification courses are conducted by IIPC where the top MNC's provide training to the students. Presently, interested students of Mechanical Engineering department and Computer Science Engineering department are undergoing training by IBM, Microsoft, Oracle.

**1.2.6. Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice? If 'Yes', how does the institution take advantage of such provision for the benefit of students?**

**No.** The institution is affiliated to Jawaharlal Nehru Technological University, Kakinada and there is no provision for flexibility of combining the distance mode of education and conventional face-to-face education for students.



### **1.3. Curriculum Enrichment -----**

#### **1.3.1. Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?**

The JNT University curriculum is followed by HMITS. Any new development taking place in society is brought to the notice of the students and help students to be aware of the current day advances in the subjects. To build the competencies of the students HMITS emphasizes on nurturing the total development of the students along with excellence in their academic performance. To achieve these goals and objectives, the institution has evolved additional inputs in the syllabi. The institution supplements the university curriculum by conducting various academic programs to achieve the institution's goals and objectives. These are:-

- Value added and skill development programs
- Co-curricular activities like paper presentation, projects, quizzes organized for the benefit of the students
- Conduct of workshops and seminars
- Coverage on topics beyond the syllabus
- Conduct of additional experiments in laboratory classes
- Training in soft skills, quantitative, logic and analytical skills
- Training the students in computer based subjects
- Value added courses
- Guest/ Expert Lectures
- Field and industrial visits
- Personality development programs
- Virtual labs
- Video Lectures of NPTEL and QEEE
- Online journals and digital library
- Centre of excellence

In addition to the above, Industrial visits are arranged to the students with the leading Industries for them to understand the theory that they have studied and the actual practices in the Industries.

Eminent persons from industries and reputed institutions are called for updating the current happening to the students. This will ensure the fulfilment of our institutional academic and employability objectives.

Students and teachers both are encouraged to attend refresher course, seminars, and workshops etc which help them to enrich their knowledge.

**1.3.2. What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?**

- The institution collects the feedback regarding curriculum from alumni, students, employers, industries and R&D organization etc. The feedback from above is consolidated and forwarded to the University for incorporating in syllabus as and when revision takes place. Faculty from the departments also give their opinion in course curriculum and syllabus formation to the university as and when asked. Institution offers programs on soft skills, technical skills, paper presentation, project, mathematical quiz and organize seminars on advanced topics in science and engineering.
- The training and placement officer of the institution regularly interacts with the HR managers of the companies and obtain their opinion about syllabus and the need to change it to match into their requirements. The TPO collects the updated information about the recent market trends and corporate expectation so that students can be moulded according to the need.
- Keeping these demands in mind, Personality development classes are also arranged for the students of our institution to improve their personality, presentation and communication skills to make up the deficiencies in the students to make them employable. To make the student employable our institute arranges special classes for the final year students so as to improve their technical, aptitude skills.
- The institution enriches and organizes the curriculum by supplementing it with extra courses as discussed in 1.3.1 so that the students are benefited in the best possible manner. We organize the campus connect program in collaboration with Infosys Ltd. so that faculty can map their theoretical knowledge into practical implementation.
- Alumni feedback is taken periodically to understand the recent market trend.

**1.3.3. Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum? The cross cutting issues like Gender, Climate Change, Environment Education, Human Rights, ICT etc, find an ample space when it comes to applying them positively into the curriculum.**

**Gender**

- The college regularly organizes state level seminars on women empowerment.
- No discrimination of students in the class rooms and in Labs.

- There is no discrimination among boys and girls in various committees constituted by the institute.

### **Environmental Education**

- The subject “Environmental Science” is included as part of the curriculum. It is compulsory for all the students.
- The main objective of this course is to learn and preserve the nature. Institution is keen in maintaining environmental conditions by creating rain water harvesting, tree plantation, clean environment and Swatch Bharat.

### **Human Rights**

As a part of NSS the college conducts various programs on Human Rights to provide awareness among students

- Anti ragging awareness program
- Communication Act Awareness program
- Voters day program,
- Community Service

### **ICT**

- Computer fundamentals are taught as a part of the curriculum
- Staff rooms are facilitated with computers and Internet.
- Wi-Fi connectivity is also available free of cost throughout the campus.
- All Class rooms are equipped with LCD Projection Systems, LCD Screens, USB ports for Laptop connectivity, Wireless Audio systems and Green boards.
- College is Providing on line NPTEL video material
- College is conducting Subject Expert webinars
- College is maintaining a data base of objective questions of all courses and used for conducting online examinations. Students can check his level in each course.
- Development and deploying of events in college web site.

Also our institution has a Women’s Grievance Cell to handle the sensitive issues regarding the women’s right and security. The Cell was formed through a selection among all senior lady faculty members.

Both boys and girls together participate in tree plantation, organizing medical camps, blood donation camps etc. Apart from this, the institution takes necessary efforts in the form of quiz, debate and poster competition on the issues like Gender sensitization, Climate Change, Environmental Education, Human Rights, etc. Every department having its own technical society is responsible of conducting these types of events from time to time.

**1.3.4. What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?**

**Moral and Ethical values**

Professional Ethics subject is included as a part in curriculum. The students are taught about the moral, ethical and behavioural values through soft skills classes on topics like Constitution of India and Professional Ethics and through talks by distinguished person in these fields. Further, discipline and punctuality etc are inculcated in to their minds by the faculty.

**Employable and life skills**

- Training Program on soft skills
- Training program on Quant, Logic and Analytic skills
- Personality Development Programs
- Entrepreneurship Development programs
- Workshops on Emerging Technology

**Better career options**

- The college understands that the need of communication skills is vital for the students for better career options. Therefore the institution arranges Verbal and Written Communication Skills, workshops, Group discussions, etc., at regular intervals.
- It is a regular practice of the institution to invite expert resource persons to conduct workshops on the development of communication competence among the students.
- Students are also allotted the different responsibilities in organizing various events and activities such as cultural programmes, competitions, seminars, workshops etc. In this way they improve their team building and organizational skills.

**Community orientation**

The college has an NSS team which regularly visits surrounding areas and nearby village where people are provided awareness on various social, moral, ethical principles and ways of life. NSS team of the college participates in community services/development activities like

- Blood donation programs
- Health awareness programs
- Tree plantation
- Community Service

**1.3.5. Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?**

The institution collects feedback from the stakeholders in enriching the curriculum in the following manner:

- **Alumni Feedback:** Every year institute organizes Alumni Meet in which feedback is collected to enrich the curriculum.
- **Current Students Feedback:** At the end of each semester, a feedback from every student is taken. The college has implemented online student feedback system.
- **Employers Feedback:** The training and Placement cell takes feedback from the employers.
- **Advisory Committee:** The Advisory committee analyses the feedback and prepares consolidated response for further communication to the University.
- These feedback are discussed in the staff meetings in the departments and suggestions based on these are given to the University during the syllabus revision meetings. The university receives such feedback and tries to implement the suggestions as and when the curriculum is revised. The feedback enables the institution to make informed decisions and offer add-on courses to cover the contents beyond curriculum.

**1.3.6. How does the institution monitor and evaluate the quality of its enrichment programmes?**

The enrichment programs conducted by the institution are evaluated on the basis of student's results, placements and students performance in the competitive examinations, and feedback from the stake holders. All these aspects are examined from time to time to modify the programs.

The feedback in the form of interactions, discussions and suggestions is analyzed by a specially constituted committee and report is submitted to the head of the Department. An advisory committee of experienced faculty members has been constituted to monitor and evaluate the efficiency and success of these enrichment programs. This committee meets with the higher authorities like Principal from time to time and amends the enrichment programs to meet the desired objectives

The Institution makes sure that the programmes offered in the curriculum and outside the curriculum include contribution to national development, fostering global competencies among students, inculcating a value system among students, promoting the use of technology and quest for excellence. The College's efforts to ensure

that the curriculum bears a thrust on these core values include the initiative for Contribution to national development. The college uses education as the tool for empowering women and through the transaction of the curriculum it has adopted, it seeks to address the all round development of the students enrolled in the various academic programs it offers.

#### **1.4. Feedback System**

##### **1.4.1. What are the contributions of the institution in the design and development of the curriculum prepared by the University?**

- The institution is an affiliated college to the JNT University, Hyderabad. While preparing the curriculum by the university the institution will give suggestions and inputs to the university.
- However, a systematic mechanism is installed in the institution to look after the affairs of the feedback process and analysis through the College Academic Committee.
- The university expert teams visit the college a couple of times in a year for the purpose of extension of affiliation and affiliation of new courses.
  - During the inspection process the university expert team interacts with students and the faculty on several aspects of availability of facilities and teaching-learning process.
  - Feedback is obtained by the committee and the same is conveyed to the university.
- In addition the Vice Chancellor convenes meeting of Principals of all the affiliated colleges and obtains their opinion on matters of importance

##### **1.4.2. Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?**

**Yes-**

- Feedback is obtained from the students in a formal manner at the end of each semester in the prescribed format. The feedback is analyzed by the heads of the departments and a summary of the same is prepared. This feedback is primarily used for indentifying the weaknesses in teaching learning process. The faculty is counseled by the heads so as to improve the process of teaching learning.

- Feedback from the stakeholders such as employers, alumni, is obtained once in a year from which the adequacy of the curriculum is ascertained. Any shortcomings in the curriculum are discussed by the college academic committee and the same is conveyed to the University for necessary action.
- The institution takes part in the curriculum development process through appropriate analysis of feedback given by the various stakeholders from time to time and assimilates the suggestions in the functional style of the institution. The meeting ratifies the responses and makes suggestions for modifying curriculum. Finally, the institution represents these suggestions through various capacities to the universities for appropriation of curriculum.

StakeHolder	Frequency of Feedback
Alumni	Yearly once whenever the Alumni visits
Industry	Yearly once during the Student visit to industry or Industry person visit the college
Student	Yearly once from exit student/ once in a semester
Employer	Yearly once

**1.4.3. How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)**

2013-14	<ul style="list-style-type: none"> <li>• Intake increased in the following UG programs:</li> <li>• B.Tech : Electronics &amp; Communication Engineering</li> </ul>	180
2014-15	Added the following new PG programs:	
	<ul style="list-style-type: none"> <li>• M. Tech.: Power Electronics</li> <li>• M. Tech : Highway Engineering</li> </ul>	18 18
	Intake increased in the following UG programs:	
	B.Tech : Mining Engineering	60
	Intake increased in the following UG programs:	
	<ul style="list-style-type: none"> <li>• B. Tech :Mechanical Engineering</li> </ul>	180

These above new courses/increase in intake of existing course is done:

- To meet the changing demands of the industry
- To develop skill of man power in specialized field of engineering
- To encourage research among younger generation
- To develop centres of excellence in related areas

**Any other relevant information regarding curricular aspects which the College would like to include.**

Outcome Based Education (OBE) is followed in the institution. Activities such as Assignments, Quizzes, Course seminar/Course project, and Subject proficiency test are conducted though they are not mentioned in the University Curriculum. OBE helps us in continuous evaluation of the teaching-learning activities happening in the institute.



## **CRITERION II TEACHING - LEARNING AND EVALUATION**

### **2.1. STUDENT ENROLLMENT AND PROFILE**

#### **2.1.1. How does the college ensure publicity and transparency in the admission process?**

**Publicity:** The admission and college information of the UG and PG programmes is displayed on the college website. The stake holders such as alumni, industry, students studying in the college and their satisfied parents help by giving publicity of the college. The campus recruitments in previous years also serve as a means of publicity. The prospectus gives the information on the courses and the facilities available in the institute. The achievements of the institute in the recent past are also reflected in the Prospectus. Publicity is also given through advertisements in news papers, brochures and participating in educational fairs.

**Transparency:** Admission of students into UG and PG programmes in the college is made based on the merit ranks secured by them in common tests (EAMCET for B.Tech courses and PGECET for post-graduate courses). Hence the admission processes for both UG and PG programmes are transparent.

#### **2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.**

- All the admissions made are controlled by Telangana State Council for Higher Education (TSCHE). All admissions made are in two categories i.e. A & B.
- Admission process is totally under the control of TSCHE and according to the guidelines mentioned in the various G.O's released by T.S. Govt. offers only technical courses for undergraduate and post graduate courses.

#### **Category – A Seats**

- There is a central online system maintained by TSCHE for 70% of the Category – A seats. Candidate's certificates are verified by TSCHE and they give online card to the students.
- The students are allowed to choose any particular branch of engineering in any of the engineering colleges. They can give multiple choices regarding the college in order of preference.

Government allots the seats to the students through on line process based on the merit and rank in EAMCET, PGCET & ICET. The student can chose alternate college if they do not like the Original allotment given by Government.

- If any seats left vacant due to non- reporting or any other reason in category – A, the seats are filled at the end of the counseling in institutional spot admissions as per the norms of the convener of the common entrance test.

#### **Category – B Seats**

- The remaining 30% of the total seats (Category – B) are filled by the college as per the guidelines issued by the TSCHE in highly transparent manner. The college will sent a list of admitted candidates along with necessary certificates to TSCHE for approval.
  1. Candidates should obtain at least 45% of marks (40% in case of candidates belonging to reserved category) in the qualifying exam (10+2).
  2. Candidate should have passed for the final year of Intermediate examination (10+2 pattern) with mathematics, Physics along with chemistry or related vocational courses in the fields of Engineering and Technology, conducted by the board of Intermediate Education, Telangana State along with bridge course.
  3. The first priority will be given to the candidates who have TSEAMCET rank cards and second priority will be given to the candidates who have highest marks in intermediate examination.
  4. After completion of admission procedure allocation candidates details are send to convener those who are joined under category -B seats.

#### **Lateral Entry**

- 20% of the sanctioned intake seats are added for the lateral entry admission at the second year level in each of the discipline offered by the institution for the students who have completed their Diploma course from Polytechnics.
- The candidates should have passed the qualifying exam. (Diploma holders) shall be admitted into the II nd year Ist semester directly, based on the rank secured by the candidate at Engineering Common Entrance Test (TSECET) in accordance with the instructions received from the Convener, TSECET and Government of Telangana State.

**2.1.3. Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.**

Course wise minimum and maximum ranks/ % of marks of students admitted in B.Tech & M.Tech programs:

Program	Year of Admission	Minimum EAMCET ranks	Maximum EAMCET ranks
B.Tech CSE	2016-17	24547	104298
B.Tech ECE		34784	104724
B.Tech EEE		63424	107097
B.Tech M.E		51897	106616
B.Tech Civil		40137	104714
M.Tech(ES)		354	3904
M Tech (CNIS)		267	3105
M.Tech(Mach Dsn)		513	2130
M.Tech(CAD CAM)		232	2781
M.Tech(HE)			205

**Comparative Data for admissions in the neighbouring college: Tirumala Engineering College:**

Program	Year of Admission	Minimum EAMCET ranks	Maximum EAMCET ranks
B.Tech CSE	2016-17	34648	117397
B.Tech ECE		53986	124700
B.Tech EEE		75644	119085
B.Tech M.E		65968	107825
B.Tech Civil		60156	110291
M.Tech(ES)		374	3560
M Tech (CAD CAM)		227	2698
M.Tech(Mach Dsn)		564	2435
M.Tech(HE)		267	1450

**2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If ‘yes’ what is the outcome of such an effort and how has it contributed to the improvement of the process?**

The admission process is totally under the control of the state government. The college maintains student admission details in office and admission cell of the institution. The category-wise lists of the candidates such as OC, OBC, BC, SC and ST admitted into the college

are communicated to the college by the TSSCHE. The following are the details of the admission strength and quality of students for the past 4 years:

ITEM	2016-17	2015-16	2014-15	2013-14
Sanctioned Intake Strength in the Institute	600	660	660	600
Number of students, admitted on merit	245	244	380	233
Number of students, admitted on management quota/otherwise	187	173	159	188
Number of total admitted students in the Institute	432	417	439	421

The admission committee at the institute meets to review the admission process during the admission phase and discusses the overall admission scenario with regard to applications received for the course, profile of the students admitted, etc.

Best students are motivated to take admission in our institute by, publicizing about our institute with the various achievements in Media/Website/News Paper/Advertisement Banners. Fee waiver is given to the meritorious students taking admission to our institute.

The student's profiles are recorded and analyzed every year after admission. The Principal in association of the faculty members will identify the requirements of these students and work out the strategies with the help of a mentor to improve the academic performance of the students of all categories in the following ways:

- Bridge courses for subjects like Mathematics, physics, Chemistry, English, C-Language are conducted after the regular class work is over every day.
- Senior faculty members are allotted for mentoring every 20 students.
- Parents' meeting is also conducted after completion of internal assessment test to appraise the performance of their ward.
- Remedial classes are conducted to the needy and weak students.
- Projects beyond the syllabus are offered to the students excelling in academics to be beneficial to them in competitive examinations. The Institute identifies meritorious students and awards are given at the end of the academic year
- Additional English speaking and writing classes are conducted to the students of rural background and students coming from telugu medium.
- A career guidance program is conducted for the benefit of the weaker section of students, and students coming from rural areas.

All the above efforts have yielded good results and the students of all categories are getting selected in campus recruitments and are securing good ranks in GATE and other tests motivating quality students to seek admission in HMITs.

**2.1.5. Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion**

- ❖ SC/ST
- ❖ OBC
- ❖ Women
- ❖ Differently-abled
- ❖ Economically weaker sections
- ❖ Minority community
- ❖ Any other

Students from SC/ST/OBC are allotted seats as per state government policies. Tuition Fees reimbursement, fees exemptions, and endowment benefits are also extended to these students in our institution as per the state government rules. These students are provided with some extra facilities provided by the college management also. The institution continuously bestows their efforts to create awareness on the importance of higher studies i.e. education as a means of empowerment bring a change in the society. The faculty members of our institution visit the neighboring villages in order to promote the awareness of higher studies by counseling the students belong to the non-creamy layers. The faculty members also explain the various benefits they are getting from the government according to the reservation policies, financial and academic facilities gained through the institution and state government.

The reservation quota for various sections in EAMCET convener seats as per stipulation of TS State Government are ST-6% , SC-15%, BC-25%, NCC-1%,PH-3%, Ex-Servicemen-2%, Sports-0.5% . As per the norms of the government, 33% of seats are reserved and filled by women candidates. Apart from that, a significant number of women candidates are being admitted every year on merit basis.

**Women:**

For women, there is separate reservation policy of the state Government and University in admission. They will also compete with made a fair merit base with men. Over and above this, the women are provided with 33 percent reservation. The women candidates are provided with equal opportunity. Separate hostel facilities are available for the women category. The institution also provides special orientation and counseling for the needy parents on the importance of women education and exclusive facilities provided for them in terms of incentives, security, protection and special reservation by the state government and institution.

**Differently-abled:**

There is special reservation for the students who come into differently-abled categories as per the UGC and state government norms. Their requirements and needs are given a higher importance with a special care and attention by the college authorities. The college provides western toilets and wheel chair facilities for the disabled candidates. The college also provides a special means of transport particularly for such students.

**Economically Weaker Sections of the Society:**

The management committee of the institution provides special benefits and reservations for the benefit of the students who belong to economically weaker sections like the concession in fee, free books, free transport, free hospitality and special rewards which help them in their career.

**Minority:**

The institution has given reservations to the students belonging to minority community under the direction of Central Government, State Government and the affiliating university. The institution offers every possible help to the students belonging to this community in every aspect like scholarships and other resources.

**Athletes and sports persons:**

The students who participate in sports activities at regional or national level are given admissions based on their excellence in athletics or sports.

**2.1.6. Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. Reasons for increase / decrease and actions initiated for improvement.**

Program	2016-17		2015-16		2014-15		2013-14	
	Approved intake	Admitted	Approved intake	Admitted	Approved intake	Admitted	Approved intake	Admitted
B.TECH(ECE)	120	94	120	68	120	92	180	72
B.TECH(CSE)	120		120		120		120	
B.TECH(EEE)	120	37	120	77	120	101	120	92
B.TECH(MECH)	120	63	120	114	180	141	120	113
B.TECH(CIVIL)	120	94	120	92	120	94	120	82
B.TECH(MINING)			60	26	60	25		
M.B.A	60	41						

The admission process is done by TS State Council for Higher Education. The process of admission is through online web based counselling and it is understood that the majority of students opt for branches like ECE, CSE, EEE, MECH, and CIVIL. Actual number of students who opted for these branches is not known to any institution except the number of students allotted to the college. It is presumed that one student admitted into ECE, CSE, MECH, CIVIL, EEE for every 30-40 students who applied.

The college constantly reviews the situation with regard to employability and the demand from the students as well as from the industry for all the courses. In order to fulfil the demand / aspirations of the industry and prospective students, the institution may increase the number of seats in certain courses as well as start fresh UG and PG courses. It is relevant to state here, that the college has never reduced the number of seats in any of its programmes. It is evident from the fact that all the seats are grabbed within the first phase of counselling through single window system which goes on for about 30 days.

## **2.2 Catering to Student Diversity**

### **2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?**

The institution caters to the needs of differently-abled students as per the requirements of the individual student. Such students are attached to faculty counsellors/ class in-charges to take care of their specific requirements.

The institution is fully adhering to governmental policies regarding the needs of differently-abled students. Seats are reserved at the time of admission in various programmes. The college makes sure that the classes of such students are held at ground floor to the possible extent, special facilities like providing ramps to reach their laboratories, and separate sanitary facilities are being provided.

Special library arrangements are made for these students by the HoD. Additional library books are issued to these students comforting them not to visit library frequently. Institution is providing a scribe for writing exams with the permission of university and provides additional time for writing exams with permission of university.

### **2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process:**

**Yes.** There is a provision for assessing the students knowledge and skills before the commencement of the program. Students enter engineering colleges from three different school streams viz., State board (Telugu and English medium), CBSE and ICSE. Their level of

knowledge in key subjects and their assessment in school also varies widely. So the gaps in the entry level due to the above are bridged before the commencement of the first year classes.

The institution conducts a diagnostic test and identifies the students knowledge in subjects like, Mathematics, Physics, Chemistry, and English. Based on the marks secured in the diagnostic test, students are grouped into batches of 15 or 20 in each subject and special attention and care is taken by the institution in conducting tutorial and special classes after the regular class work is over and they are brought on par with the other students over a period of time. Students coming from rural background are given special attention in spoken English and are made to deliver subject content in the presence of other students and teachers. Such an exercise has yielded very good results.

Special classes are organized for the lateral entry students who are admitted to 3rd semester after their diploma course. In addition during the academic programme students requiring special attention in specific subjects are identified and extra coaching classes are conducted after the college working hours to improve their performance and confidence level.

**2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?**

**Bridge courses** are conducted to the lateral entry students in selected subjects like mathematics, Data Structures and C-programming. The Bridge Courses conducted for the enrolled students before the commencement of regular first year teaching programme also help to assess the students.

**Remedial classes** are conducted to improve slow learners and students who have back-logs. Weekly tests and monthly tests are also conducted by the department faculty to test their subject knowledge.

**Add-on-courses** The Institution identifies the gap between the university curriculum in the advance subjects and offers add on courses to fill this gap. For enrichment of subject knowledge, every department organizes special seminars by the experts in respective subjects.

**Tutorial hours** Courses which require more practice, includes critical thinking or programming are provided in tutorial hours. Tutorial hours are specially marked in the time table and the lesson plan.

Special coaching classes are conducted for lateral entry students on communication skills and mathematics. Students are motivated by way of conducting personality development programs, workshops, technical



festivals, conferences and symposia. A mentor is appointed to help weak students through counselling with their academic and personal problems. The above steps are found to be very successful in improving the transition rate of students.

The following table gives the details of number of courses offered, department-wise to bridge the knowledge gap:

Department	Bridge courses Conducted	Remedial Courses Conducted	Add-on Theory Conducted	Add-on Experiments Conducted
<b>2016-17</b>				
MECH	Mathematics classes for lateral entries	Mechanics of solids	Introduction to smart materials, alloys, "chemical thermo dynamics for metals and materials."	Bernoulli's apparatus, Experiment on Mouth piece are conducted.
EEE	Mathematics classes for lateral entries	Basic Electrical Engineering, Electrical Engineering Materials.	Introduction to basics of energy, power and batteries, static, dynamic fields. Different types of engineering materials, special emphasis on materials used in design of electrical apparatus, machine parts.	PSPICE & MATLAB based design of RL, RC, RLC networks, and stability analysis, root locus, bode plot, state space analysis methods, power system modeling, power converters design.
ECE	02	00	02	02
CIVIL	No DATA from department			
CSE	01	02	03	01
<b>2015-16</b>				
CSE	01	02	03	09
<b>2014-15</b>				
CSE	01	02	02	01
<b>2013-14</b>				
CSE	01	02	03	01

**2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?**

The institute does not discriminate on gender and religious issues. Male and female staff members, faculty members and students are treated equally. Institution has established a "Women Empowerment and Grievance Cell" under coordinator of a senior women faculty member to redress the grievances of any women employee or student. All the necessary requirements for the females both in the college and the hostel have been adequately taken care of.

Institute provides equal opportunities to male and female in teaching, curricular, extracurricular activities, deputation to workshops and seminars, in appointment of various college committees, placements etc.

Environmental science and protection is an integral part of the academic programme. The need for conservation of energy, water, etc, is reiterated periodically. Institute organizes special programs like blood donation camps, swatch bharaat programs in which the faculty and students participate equally. The Institute celebrates "Teachers day" and "Engineers day" where the student and teachers interchange the role of each other and awards distributed.

**2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?**

The college recognizes and promotes the skills and knowledge of the advanced learners. Institute has a mechanism to identify advanced learners through:

- As the classes begin, their academic standards are judged through their responses and the regularly conducted class-tests.
- The advanced learners are identified on the basis of their pace of comprehension and assimilation, their articulation of ideas, conceptual abilities and progression in learning subjects.
- Student articles published in the newspapers and journals
- Student projects, paper presentations, NSS camp, industrial visits etc.
- Interaction of students with the faculty members
- Participation of students in value added courses
- Modular laboratory experiments conducted by the students beyond the syllabus
- Marks obtained in midterm and university exams

The institution supports advance learners by:

- Allowing them to do research projects in a R&D lab or in an industry,
- Every student has to submit a home assignment in every course. Some of these tasks are beyond syllabus to encourage out-standing students to develop their self learning capabilities.
- By offering training in advanced topics of curriculum and teaching additional topics beyond syllabus to enrich their knowledge.
- The students are encouraged to have membership in professional bodies and paper presentations and publishing at national seminars and workshops.
- Merit students and students who stood top in the academic competitions held in surrounding colleges are rewarded with certificate and prize money and their name gets displayed on the department notice board.
- Sponsor their travel for participation in conferences outside the college.
- By providing them with additional number of journals, books and e-journals from library through which the students can gain knowledge on advanced topics.

All the departments have listed their achievements in this regard separately.

**2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?**

Dropouts are very few and insignificant in this institute. The institute has a sound system of counseling and mentoring such students.

The examination section in the college has student's academic data for activities like marks in diagnostics tests, assessment test, internal exams, university exams etc. The personal data of students is maintained by the individual student counselors. Each counselor is put in charge of 20 students to monitor, shape and advice them to ensure their overall comprehensive growth and achievements.

Academic performance of the students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. is detected by the teachers during their lectures in classroom. The institute analyzes the internal evaluation carried out by

the faculty and the university results for different programs. Slow learners and students with low marks are given extra coaching after the normal working hours. The College has the least number of students who are at risk of failures and there are negligible dropouts as the institute has a system of identifying such students, counselling and mentoring them.

Student counselors interact regularly with students assigned to them and find the academic performance of the students and analyze the data of the above section of students and offers support as follows:

**Slow learners:**

The institute organizes special lectures for the slow learners after the regular class work is over. Teacher prepares specially designed notes for slow learners to understand the subject easily. Slow learners are grouped together in a batch of 15 to 20 students and mentoring is done by the teacher. Teacher in the special classes makes the student to answer one or two questions and few problems. Institute conducts re-tests for the non-performing weaker students to mark their improvement.

**Physically challenged:**

Institute counsels the physically challenged students with the facilities available and scholarships offered by the government and other organizations. Any particular demand of the student that may include his location in hostel, movement in the college and any other special needs raised by the student are addressed immediately. Institute also tries to identify inherent skills in the physically challenged person and motivate them to excel in related areas.

**Economically weaker section:**

Institution provides information to economically weaker section students about financial support from government and other organizations and help in the form of books, free accommodation etc.

**Disadvantaged section of students:**

SC / ST / OBC / Minority students are given benefits of reservation in terms of admission into engineering courses and scholarships as per government norms.

The institution reports and discusses about the student progress with their parents on regular intervals.

## **2.3 Teaching-Learning Process**

### **2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)**

#### **Academic calendar**

Academic calendar is designed by the university at the beginning of each academic session which is to be followed by each affiliated colleges. HMITS strictly follows the university calendar which includes the important information like:

- Starting of odd and even semester classes
- Dates for mid semester/internal examination
- Sending of internal marks
- Sending of sessional marks
- Dates for end semester examination
- Tentative dates for publication of results
- List of holidays.

The college includes details of other events like, Academic counseling meetings, Schedule of activities such as symposium, guest lectures, seminars, workshops, sports and cultural, and Schedule for the Preparatory Examination.

#### **Teaching Plan**

Based on the academic calendar the college formulates the academic schedule which is communicated to the students before the commencement of each academic session. The lesson plan, indicating the topics covered lecture wise, day wise, for each and every subject is prepared by the faculty before the commencement of the semester and it is duly approved after careful examination by the Head of the Department and made available to the students. Lesson plan are also displayed in the college website.

The faculty members prepare the course file that includes detailed work plan, study material, experimental write-ups, previous year university question papers, assignments, quizzes, e-learning material, etc. The file is evaluated by the HoD and Principal of the college. Syllabi for various courses along with regulations are circulated in the form of a book to the students at the time of admission. If any gap is existed between two units it is fulfilled in the form of guest lecture by eminent faculty. While preparing the lesson plan the different teaching methodologies are mentioned.

### **Evaluation**

The students are assessed on a continuous basis by conducting two tests per semester and evaluated within 2 -3 days after the exams. Weekly tests are also conducted and it is part of the evaluation system. Question banks are provided. The marked answer papers are returned to the students and an opportunity is given to the students to discuss the evaluation with the teacher. Any error is rectified on the spot by the teacher. The attendance at the end of every month is communicated to the students. Regular assignments are given during the academic year and they are evaluated. An end semester model question paper is provided. Mock practice and orals are also conducted and performance is evaluated. At the end of semester the university conducts examination and after the results are announced by the university again the results are evaluated and analyzed.

Feedback is collected from the students during the teaching process about the faculty methodology of teaching. At the end of the semester the feedback is analyzed by the HoD and two other senior faculty members and a consolidated report is submitted to the Principal about the concerned teacher's performance.

Parents are periodically informed about the children performance orally, telephonically and through post as required. Weak students are identified for arranging remedial classes / Tutorial classes. One teacher is identified for every 15-20 students who acts as student counsellor for the students and who monitors their academic performance.

The institute also conducts extracurricular and co-curricular activities for the students. Any short comings in the syllabus is taught as add-on course. All these steps will help in the academic performance of the student.

#### **2.3.2 How does IQAC contribute to improve the teaching –learning process?**

The college has constituted Internal Quality Assurance Cell (IQAC) on 15/06/2013. The IQAC has a program leader in the rank of senior Professor and member from each department. The Primary aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic performance of the institution.

IQAC monitors the entire academic program through its members regularly. The portion covered, lesson plan and the notes prepared by the faculty are often cross checked through class committee meetings and facts are noted for corrections. The students are allowed to speak freely so that the actual class room difficulties are noted and rectified by taking immediate and appropriate action. If any teacher does not

fulfil the academic expectations of the students, they are counseled in person and the faults are corrected before they take up the next class.

IQAC also informs to the students about AICTE, JUTU-H, Government Rules and Regulations with regard to the promotion to higher classes and statutory guidelines about teaching learning process. It also regularly reviews novel teaching learning methods like active and collaborative learning and takes efforts to implement the same

**2.3.3. How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?**

The institution follows the student centric learning through the different ways specified below.

- At HMITS our participatory learning process ensures that every student in the class actively participates in the learning process. This is assured through adopting greater interactive teaching-learning methods like group discussions, seminars, presentations etc.
- We initiate leadership in our students through presentation of role models. From time to time, we invite industry leaders, hardcore professionals, leading businessmen and alumni to share their success stories with our students.
- Peers and senior students who have made their mark with the industry are invited to inspire our students to reach greater heights of professional excellence.
- We prepare our students to meet project requirements of the industry. Project work to be done by all students is carried out under the supervision of industry experts. This ensures that every student gets the opportunity to experience actual industry processes and work practices. This will prepare our student for placement with the industry.
- The knowledge content of the curriculum is on par with the best institutions in the country. With greater emphasis on application, we put firm foundation on theory.
- At the beginning of every academic year, the college organizes Faculty Development Programme (FDP) with resource persons from JNT University and other reputed organisations, wherein the faculty will be perfecting their teaching skills and also made conversant with the intricacies of teaching-learning processes. The skills learnt will be effectively implemented during the regular class work.

- Institute has a very good library containing not only text books but also magazine on technical subjects, Journals, e-books (Digital Library, Video Library), NPTEL study material and project reports etc. Students and teachers make efficient use of these facilities for betterment of their knowledge. Departmental seminars, conferences, workshops, guest lectures, industrial visits, visits to R&D laboratories are organized to get a better exposure on the latest trends in learning for students and teachers.
- Due weightage for Project Approach, Seminars, GDs, PowerPoint Presentations etc is provided. Industrial visits and training is integral to Engineering curriculum, in both Undergraduate and Postgraduate courses. Students are involved in tutorials, laboratories, field projects and seminars.
- Internships help students acquire deeper knowledge, both theoretical and empirical.
- Life skills are imbibed by training the students in personality development and communication skills.
- Knowledge management skills are inculcated by inviting student ideas and concepts in hardware and software projects.
- Habit of life-long learning is infused by motivating the students to acquire latest knowledge in their respective fields.
- Students promote the lab to land concept in some of their extension activities thereby developing self-management of knowledge and skills acquired.
- The students are motivated to participate actively in the student chapters like CSI, IEEE, IE etc., wherein they will interact with outside world.
- Handouts are prepared by the faculty as per the guidelines of the IQAC to spread awareness on various issues like health, ecological concerns, and communication skills.
- Assignments are based on self study texts. Students are encouraged to browse, prepare question banks and handouts related to subjects.
- Mentoring the students on an individual basis for both their academic & emotional needs has been the student centric approach which is followed as:

S.No.	Skills Achieved	Strategies Used
1	Communication skills (Verbal)	Language Lab.
2	Presentation Skills, verbal & non-verbal	Seminar presentations, Project presentation, assignment presentation, inter- collegiate competitions.



S.No.	Skills Achieved	Strategies Used
3	Personality Development	Time management, Leadership, Campus to corporate with experts for workshops and seminars.
4	Professional skills	Experts from the industry, regular demonstrations and hands-on training during practical skills.
5	ICT skills	Through regular classes (theory/practical).

The other support structures and systems available to develop skills are:

**Interactive Learning:**

Interactive Learning is achieved by adopting interactive method of teaching during regular theory classes through discussions & group activities. Interaction with industry experts are organised to expose students to the latest trends and developments in their fields.

**Collaborative learning:** Students are getting practical knowledge by industrial visits.

**Interactive learning:** group discussions are conducted and NPTEL videos are provided.

**Independent learning:** unit wise assignments are given and ask them to give presentations.

**2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?**

- Students are encouraged to publish their scientific articles in the college magazine. Institute organizes events such as Technical Paper presentation, Student Symposium, Seminar, Project Exhibitions, Software development competitions, Problem solving competitions to develop and promote creativity and critical thinking among the students.
- Institute also encourages and guides the students to participate in the National Level Technical Competitions organized by other Institutes and Universities. Financial incentive is given to the best awarded students at the National level. Students are also given travel fare to present papers outside the campus.
- Institute invites eminent scientists, entrepreneurs and industry resource persons to share their success stories with our students.
- Institute insists and encourages students to bring out Technical Articles / Papers at the end of final year project so that they are exposed to Technical Paper writing skills, blind reviews, plagiarism and research ethics.

- Students publish their scientific articles in the competitions/ symposia conducted by other colleges. Students are involved in real time DST funded research projects as Technical support and this helps them to gain exposure to the latest research trend in the selected technical area and also inculcate in them the habit of reading which makes them lifelong learners and innovators.
- Students are involved in organizing National / International Conferences, Workshops, Seminars and Symposiums so that they get awareness about the importance of such activities in the college

**2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.**

The technologies and facilities available and used by the faculty for effective teaching are:

**Virtual Labs:**

- To provide complete Learning system around the virtual labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self evaluation.
- To provide remote access in the college campus and even in the hostel for updating their knowledge.

**E- Learning:**

- NPTEL provides E-learning through online web and video courses in engineering, science and humanities streams.
- One of the cornerstones of the digital library in our institute is accessing of E- journals such as Elsevier and IEEE.
- Digital Library with 40 systems to access E-books.
- Media resource center is available for the convenience of the users supported with projector and sound system.

**Language Lab:**

- The language lab consists of Round table, podium, mirror and video recording. Students are encouraged to participate and to use the Lab for improve the communication skills.
- The teaching aids like OHP, multimedia projectors, Internet enabled computer systems are usually employed in class room.

- Faculties are encouraged to be the members in the Professional Societies which in turn brings the technology advancement and results in effective teaching and learning process.
- Students are encouraged to use computer software for meaningful analysis of their experimental data in the laboratories. Institute also has e-books, e-journals which are valuable to the students.
- Institute supports teachers for membership of professional societies. Most of the teachers are members of societies like ISTE. The Institute has membership of DELNET consortium where the faculty and students can access over 750 scientific journals and 850 Engineering journals.

**2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?**

- Online e-journals of various reputed international journals like IEEE, Springer, Elsevier Science direct, ASME are available in the library for the benefit of students and faculty.
- The staff members are encouraged to participate in short-term courses, staff development programmes and workshops on advanced topics to enhance their level of knowledge.
- The college arranges various training programmes for junior faculty members by eminent professionals in their respective areas from JNTUK and other reputed National Institute in Instructional Design and Delivery and other teaching & learning processes.
- Training to the teachers and students is also provided by Guest Lectures/ workshops which are organized by inviting experts / resource persons on advanced topics.
- During summer/ winter vacations faculty are sent for cross-training programs & refresher training program to get themselves acquainted with the latest trends in operations and technology. The college conducts Quality improvement program (QIP), Faculty Improvement program (FIP), Faculty Development Program (FDP) for faculty and students in coordination with the industry.

**2.3.7 Detail (process and the number of students benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?**

The institute makes enough provision for student's need on the parameters listed in the above sections. Our faculty takes initiative in

addressing the academic, psycho-social & personal needs of the students. The faculty identifies the students who need counselling.

- For every 20 students a teacher is appointed as a mentor/counsellor to counsel the students. The duties of this advisor or counsellor is to carefully monitor the student activities like regularity of attendance, participation in seminars and the performance of the students in internal and external tests and semester examinations. These counsellors help students to overcome their personal problems, academic issues, and admin related issues within the college under the supervision of the HoD.
- The counsellor also identifies the weak students and accordingly remedial / tutorial classes are arranged. The students get academic and personal guidance from the concerned teachers apart from the counsellor.
- Such counselling has yielded fruitful results to students in terms of improvement of pass percentage and employability of students.
- There is a full time training and placement officer who trains the students in terms of soft skills and arranges lectures by experts on industrial/ technical skills.
- The personality development program organized by the institution also helps the students.
- Remedial programs & back to basics programs are conducted for needy students.

**2.3.8. Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?**

A number of innovative teaching methods have been adapted for effective teaching. These efforts are encouraged by the college.

- Guest lectures, organizing workshop/Training programs.
- Teaching through Power-point presentations, through Smart software enabling three-dimensional understanding of difficult topics.
- Participation in National & State level seminars
- Promoting students for presenting papers in National conferences etc.
- Group discussions at classroom level.

- Industrial visit and interactions with eminent personalities.
- E-journal (IEEE, ELSEVIER, SPRINGER etc.)
- NPTEL resource.
- Access to online journals throughout DELNET in the campus.
- Use of language lab for enhancing language skills.
- Organizing inter college and intra college technical contests.
- Students are encouraged to think independently and design and fabricate experiments in the laboratory.
- Encouraging teachers to prepare question bank in each subject for the use of students.
- Innovative learning methods like real time demonstrations, comparison of charts, picture quiz, group discussions, cross word puzzle and circuit debugging are encouraged.
- The faculty members prepared detailed course files which consist of course schedules and the teaching notes. The teaching notes are elaborate and are available in digital form.
- Topics beyond the syllabus are covered to enhance the knowledge of the students.
- Experiments beyond syllabus are also conducted in the specified laboratories.
- Bridge courses are conducted for overall development of students with rural backgrounds.

These efforts have been instrumental in boosting the overall confidence level and technical knowhow of the student community at large. This has also proven as a milestone and a driving impetus towards placement drive.

**The management of the college is making special efforts for the professional developments of its faculty are:**

- Faculty is encouraged to pursue PhD programs and/or encouraged to take up the research work individually or in collaboration.
- The faculty is encouraged to apply for projects for research grants to different funding agencies such as AICTE, DST, UGC etc., which help to enhance professional competence and increase promotional avenues to the staff under CAS and other channels.
- The college also considers for financial support case by case.

- In order to cater to needs of the research activates by different departments the management of the college has planned for and central R&D facility with all the infrastructure and instrumentation required by the departments. This in itself is a huge encouragement for the faculty to pursue their research activities within the institution. These facilities would also help in Institutional-Industry interaction in research and development in engineering and sciences.
- The faculty is regularly encouraged to attend National and International symposia and conferences and present their research findings.
- The necessary travel expenses and registration fee are borne by the college.
- The faculty also is encouraged to publish their research findings in National and International journals and a part of the publication cost is reimbursed by the institution.
- Study leave is extended to faculty members who wish to pursue Masters or PhD programs.
- All the faculty members of various departments are encouraged to participate in National/International Conferences, Seminars and Training Programs.

**Note:** Research papers and publications are shown in individual departmental profiles.

### **2.3.9. How are library resources used to augment the teaching- learning process?**

The college has a very good central library located in the main building having adequate number of books, journals, e-books and e-journals. The library supports the teaching learning process by offering various services like:

- Online Public Access Catalogue (OPAC)
- Reprographic Service
- Book Reservation
- Internet Access
- Reference Section
- Competitive Examination Books
- Multimedia Service,

- Old (Previous years) Question Paper from University
- Digital Library- E-Books, E-Journals, E-Lectures & Videos
- Book bank facility

All the functions of the library are fully computerized. All the books are bar-coded in the library & barcode laser scanners are used in the circulation counter for quicker book transaction. The central library has carpet area of 500 sq.mts. with a seating capacity of 150 and with modern facilities like membership to DELNET, Discussion and Audio Visual rooms.

To augment the teaching learning process, the faculty uses the library resources like text books, reference books, educational CDs, journals, back volumes, projects and dissertations including e-books and e-journals. There is a facility for downloading e-journal material, e-learning material that includes tutorials, frequently asked questions in the examination and presentations made by experts on special topics. News papers other related magazines are available in the reading room of the library. The faculty and students are given additional books if required in carrying out project work, paper presentation, seminars etc. The library is also equipped with a Xerox machine where the faculty and students may take Photostat copy/ print out from books or journals. Student's UG and PG project reports are stacked in the library for use of junior students. In addition to the above, each department has its own departmental library which stacks commonly used text books to cater to the JNTUH University curriculum.

The Library is kept open throughout the week for 10 hours every day from 9:15AM to 7:00 PM which facilitates its optimum utilization. The library has the following resources:

- Titles: 5839
- Total No. of Volumes: 48786
- CD ROM's: 1034
- e- Journals: 270
- Print Journals: 47
- Back Volumes: 131

#### **Digital Library**

Number of Computers: 40 with multimedia and Broad Band internet Connectivity.

E-Learning Material: NPTEL and other Video Courses about 600+

**2.3.10. Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these:**

NO

**2.3.11. How does the institute monitor and evaluate the quality of teaching learning?**

The quality of teaching learning is assessed by the Institution in the following ways:

- Institute takes feedback from the student about the teacher in every subject, apart from feedback from the industry, employees, alumni and parents.
- Institute conducts monthly tests, quizzes and assignments and mid-semester examination and evaluates the performance of the student. Based on these results, additional classes are conducted after the regular class work is over.
- The weak students are identified and additional coaching is given. Institute also has a mechanism for online evaluation of students and university examination results regularly.
- Senior faculty members will monitor the teaching of junior faculty and if required share their teaching notes with the junior faculty.
- Institute also evaluates the project reports prepared by the students. Institute identifies university rank holders in each branch of engineering and awards are presented to them on the college day. Such a step will give encouragement to other students.
- *Quality of Teaching:* Monitored through feedback, both written and online from the students every semester. The management and senior staff go on rounds and choose to sit in classes and monitor the teaching methodology. The performance is evaluated and corrective measures by way of in-service programmes are held.
- *Teaching Methods:* Training programmes are organized for effective communication skills. Experts are called to reorient the staff to new teaching methods.
- To monitor & evaluate the quality of teaching learning, the institution through the IQAC monitors the diaries – lesson plan of part-time/ visiting faculty. Principal keeps a check on the recorded activities of HOD & class –coordinators.
- The learning process of students is evaluated through the unit test, quiz-viva & preparatory exams. Students requiring personal extra tutoring are taken care of by the class coordinators.



- Objective – type tests, group discussions, assignments, oral presentation & routine mock-tests are employed in order to make assessment more skill oriented.

## **2.4. Teacher Quality**

### **2.4.1. Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum**

#### **Recruitment policies:**

The college recruits qualified, experienced and capable faculty well before the starting of the academic year and also as and when the need arises and thus maintains a faculty student ratio as per the norms of AICTE and JNTUH. The Institution believes that the qualified and competent teachers are essential to shape the young students.

A systematic procedure is followed for the recruitment of the faculty:

- Faculty requirement is identified by the head of the department and he will forward the requirement to the principal of the college.
- The selection committee is constituted by the principal including HoD, and one senior faculty in the concerned subject as subject experts.
- The principal submit the selection list to the BoG for approval. The selection process is totally transparent and merit and experience is only criteria for selection of faculty.
- The faculty after initial selection in the college have to appear for interview/ written test by the university for ratification. University will conduct the interview with subject experts and ratify the faculty.
- With regard to staff selection, the requirements of non-teaching staff are collected from each department well in advance by the office of the principal and hands on experience of the staff will be tested. The principal submit the selection list to the BOG for ratification.

#### **Retention policies:**

A healthy and good retention ratio is maintained in the faculty cadre by creating a good environment and providing incentives as detailed below.

- Increments will be given to the faculty members every year based on performance, feedback reports, results and contribution of Department/College development.
- Special academic leave for research and Ph.D. work.

- Sponsoring for higher education, seminars, workshops to enrich their knowledge.
- Incentives for paper publications
- Time bound and performance based promotions.
- Group insurance scheme.
- Contributory EPF facility for the staff.
- Providing facilities like subsidized canteen and free transport to the faculty.
- Providing medical leave, study leave for faculty whose services are regularized and ratified by the University.
- Staff members are selected for best teacher award of the year based on their performance, conduct and commitment in their academic activities as well as their involvement in the departmental activities of the department and the college.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	25	1	2	2	4	0	34
M.Phil.	-	-	-	-	-	-	-
PG	-	-	41	11	112	47	211
Temporary Teachers	0	0	0	0	0	0	0
Adhoc Teachers	0	0	0	0	0	0	0

**2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.**

The college has qualified faculty to handle all the subjects as proposed in the curriculum of JNTUK University to which the college is affiliated. In all the new courses added and to teach subjects in emerging areas, the college has always strived to employ persons of repute with domain expertise. The young faculty are encouraged to pursue their Ph.D. through QIP/ Part time programme and get the expertise in latest emerging areas. For ex, there are good number of faculty are having expertise in the emerging areas of cloud computing, artificial intelligence, robotics etc. The institute always strives to give

the best input the students. A step in this direction is taken by utilizing the services of retired faculty from universities / NITs. to enhance the efficacy of teaching learning processes.

Senior faculty from other institutions and universities are invited to deliver guest lectures. Middle level faculty namely associate professors are asked to attend these classes so that, for the subsequent years these faculty will handle these subjects, R&D person are also invited to deliver expert lectures and act as resource person. As per the existing policy of AICTE, Institute invites adjunct and eminent persons up to 20%, where ever required.

Faculties are encouraged to participate in national conferences and workshops to learn latest trends in emerging areas of technology. Some of our faculty members attended conferences and workshops in inter-disciplinary and multi-disciplinary subjects.

**2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.**

**a) Nomination to staff development programmes**

**Department of EEE:**

Academic Staff Development Programmes	Number of faculty nominated			
	2016-17	2015-16	2014-15	2013-14
Refresher courses	05	11	04	03
HRD Programmes	01	0	01	01
Orientation Programmes	01	01	01	01
Staff training conducted by the University	01	0	01	01
Staff training conducted by other institutions	02	02	01	02
Summer/winter schools, workshops,etc	01	0	0	02

**Department of ECE**

Academic Staff Development Programmes	Number of faculty nominated			
	2016-17	2015-16	2014-15	2013-14
Refresher courses	00	04	00	00
HRD Programmes	03	00	00	00
Orientation Programmes	00	00	00	00
Staff training conducted by the University	06	00	00	00
Staff training conducted by other institutions	19	19	22	18
Summer/winter schools, workshops,etc	04	05	00	00

**Department of CSE**

Academic Staff Development Programmes	Number of faculty nominated			
	2016-17	2015-16	2014-15	2013-14
Refresher courses	NIL	NIL	NIL	NIL
HRD Programmes	NIL	NIL	NIL	NIL
Orientation Programmes	NIL	NIL	NIL	NIL
Staff training conducted by the University	04	03	02	NIL
Staff training conducted by other institutions	01	42	24	28
Summer/winter schools, workshops, etc	NIL	NIL	NIL	NIL

**Details of faculty attended FDP, Seminar and Workshops:**

Program	EEE	ECE	CSE	MECH	CIVIL	H&S
FDP	02	16	20	5	0	
Seminar	05	02		12	0	
Workshop	01	08	1	24	0	
Program	EEE	ECE	CSE	MECH	CIVIL	H&S
FDP	02	12	20	3	0	
Seminar	11	00		8	0	
Workshop	0	16	2	6	0	
Program	EEE	ECE	CSE	MECH	CIVIL	H&S
FDP	02	22	20	3	0	
Seminar	04	00		9	0	
Workshop	0	00	1	5	0	
Program	EEE	ECE	CSE	MECH	CIVIL	H&S
FDP	01	18	20	2	0	
Seminar	03	00		6	0	
Workshop	02	00	0	2	0	

**b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning**

- ❖ Teaching learning methods/approaches
- ❖ Handling new curriculum
- ❖ Content/knowledge management
- ❖ Selection, development and use of enrichment materials
- ❖ Assessment
- ❖ Cross cutting issues
- ❖ Audio Visual Aids/multimedia
- ❖ OER's
- ❖ Teaching learning material development, selection and use.

**A.Y. 2016-17**

S.No	Dept	Period	Program
1	EEE	22 <sup>nd</sup> & 23 <sup>rd</sup> August 2016	Two Day Workshop On "Electrical Simulation Using Pspice And Matlab"
2		16 <sup>th</sup> Sep 2016	One Day Workshop on "Industrial Automation-PLC"
3		28 <sup>th</sup> Sep 2016	National conference NCEEET-2016
4		20 <sup>th</sup> -24 <sup>th</sup> March 2017	Training programme on PLC-SCADA
5	MECH	03/01/2017 to 04/01/2017	An awareness program on 3D Printing.
6		16/02/2017	One week workshop on "CRIO software"
7	CSE	30/09/2016 to 04/10/2016	One week Training Programme on "Microsoft Technology Associate (MTA) Training Certification"
8		11/07/2016 to 20/07/2016	Ten days Orientation Programme on "HP Testing Tools"

**A.Y.2015-16**

S.No	Dept	Period	Program
1	EEE	01-10-2015	Training on modern trends in maintenance of substation and transmission lines
2	EEE	01-10-2015	Training on real time applications in electrical engineering

**A.Y. 2014-15**

S.No	Dept	Period	Program
1	EEE	22-01-2015	Industrial Training and field of Electrical Engineering

**Teaching learning methods/approaches:** The JNTUH organized teaching methodology workshops in core engineering branches where some of our faculty members participated. The various innovative methods for teaching learning used by the faculty include, Use of Power point presentations (Prepared by Faculty members), Use of Smart Classes, Use of Virtual labs for experimentation, and Use of e-resources such as EDUSAT, NPTEL and IEEE terminals. Orientation Programme at the onset of academic year. Pedagogical techniques for the faculty by experienced Professors.

**Handling new curriculum:** During intra-semester breaks subject experts were invited to the institution to deliver new curriculum. All the teachers in the department attend and learn new subjects. Faculty members are deputed to FDP Programmes conducted by JNTUH University whenever needed. Interaction and discussions with senior faculty of JNTUH University through departmental advisory committee meeting helps the faculty in handling the curriculum changes.

**Content/Knowledge management:** The University formulates the curriculum and detailed syllabus. The course content gives details of the syllabus based on the syllabus prescribed by the University. The teachers sub divides them in modules and see how best the knowledge is imparted to students.

**Selection, development and use of enrichment materials:** Apart from the text books the teachers prepare their own class notes incorporating various examples, problems etc. Each unit is further divided in modules and module is further divided in to classes. Access to highly informative learning materials developed by institutions of higher learning such as NPTEL by IITs and MIT will be explained to faculty.

**Assessment:** The self-appraisal report is one of the major yard stick used for the promotion of the faculty. It gives a clear picture in terms of their research needs. Suggestions to improve the academic system are given by the faculty through self-appraisal report which is used as a reference by the college.

**Cross cutting issues:** Several cross cutting issues such as climate, gender, environment awareness, and human rights are given ample of weightage. There are large numbers of girl students in the college. University has introduced compulsory subjects such as Environment and Ecology and Human values in the curriculum to sensitize students on these burning issues. Motivation and arousing curiosity are given predominance, Enhancing of faculty retention rate through periodic review process, immediate application of concepts learned in the classroom environment.

**Audio visual aids / Multimedia:** All Class rooms are equipped with LCD Projection Systems, LCD Screens, Wireless Audio systems and Green board. These facilities enhance lecture delivery and effective communication. Institute depute faculty for NPTEL awareness program. The faculty after returning conducted the program in the institution on the use of multimedia for NPTEL lectures. Faculty members are trained to use webinars, open source journal, and e-books.

**Teaching material development, selection and use:** All faculty members have well prepared notes, laboratory manuals and power point presentations made from various reference books. The faculties are given free access to internet which helps them to collect learning material. The college has a well stocked library containing books and journals of various subjects. Furthermore, the college organizes seminars, conferences, guest lectures and invited talks in conferences etc which help as a learning source for the faculty etc. The use of audio visual devices and computers in classroom further empowers the faculties.

**Other:** The other Educational resources like web based learning handbooks, simulation /physical models are also encouraged to be utilized for lecture delivery.

**c) Percentage of faculty**

- \* invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies - 1 %
- \* participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies -10 %
- \* presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies - 10 %

\* **Details of faculty attended FDP, Seminar and Workshops :**

2016-17							
Program	EEE	ECE	IT	CSE	MECH	CIVIL	H&S
FDP	02		08	20	5	1	
Seminar	05		02		12	0	
Workshop	01		02	1	24	9	
2015-16							
Program	EEE	ECE	IT	CSE	MECH	CIVIL	H&S
FDP	02		13	20	3	0	
Seminar	11		5		8	0	
Workshop	0		02	2	6	0	
2014-15							
Program	EEE	ECE	IT	CSE	MECH	CIVIL	H&S
FDP	02		12	20	3	0	
Seminar	04		5		9	0	
Workshop	0		2	1	5	0	

2013-14							
Program	EEE	ECE	IT	CSE	MECH	CIVIL	H&S
FDP	01		12	20	2	1	
Seminar	03		4		6	0	
Workshop	02		1	0	2	0	

**2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)**

The institution extends full support for the professional development of the faculty in many ways.

The institution deposes its teachers to attend refresher and orientation programs, conferences, seminars and training programs organized by other institutes, universities and research organizations.

The institution also organizes number of seminars, workshops and special lectures for the benefit of its faculties and students.

The institute encourages faculty to upgrade their knowledge and supports them to pursue their higher studies as given below.

**Support for pursuing Ph.D / M.Tech.**

- Deputation under the quality Improvement Program of the AICTE for doing Ph.D. / M.Tech. For this, the faculty member must have put in at-least 3 years of service at HMITS.
- A faculty member who gets admission in any I.I.T./I.I.Sc. /NIT for Ph.D. /M. Tech. will be considered for grant of study leave and financial support during the leave period. The quantum of financial support will be decided by the Staff Development Committee (SDC). Extending this type of support is subject to the concerned faculty member giving an assurance in a manner to be decided by the SDC that he/she will serve the HMITS after completion of the M.Tech./Ph.D. program for some specified period to be determined by the SDC based on the length of the study leave period and the quantum of financial support extended.
- Any faculty member who wishes to do Ph.D. on part-time basis while continuing to work in the institute, will be considered by the SDC for support in one or more of the following ways:
  - a) Re-imburement of registration fee paid to the University and expenses towards preparation of the thesis, subject to a ceiling of Rs. 15,000/-



- b) Relieving him/her of some/ all of the administrative responsibilities, if any, and arranging the time table in such a way that his / her normal teaching load (theory & Practical) is taken care of in 5/4 days of the week, so that he/she can be given "off" for ½ day in a week for concentrating on the Ph.D work.
- c) Giving study leave with full salary for a period of up to a maximum of 4 months either at a stretch or in a few spells of 15 days each time for devoting his/her time for doctoral work.

#### **Faculty members registering for Part-Time M.E./M.TECH**

Faculty members having only B.E./B.Tech. degree will be encouraged to do part time M.Tech. /M.E. degree programs of JNTUH. Among them, those who have already put in 2 or more years of service at HMITS at the time of registering for the M.E./M.Tech. (part-time) program, will be considered for partial re-imburement of the tuition fee for the M.E./M.Tech. program if they give an undertaking to continue to serve HMITS at least for 2 years after getting the M.E. / M.Tech degree. Further, they will be eligible for one increment in their scale, on getting the M.E./M.Tech degree.

#### **Deputation for Refresher courses, Workshops and Seminars**

To enable the faculty of HMITS to keep themselves abreast of the latest developments in their fields of specialization, which is absolutely essential in these days of rapid changes in technology, they will be deputed, at regular intervals, to attend short term refresher courses, workshops, and seminars etc. being organized by the various I.I.Ts., I.I.Sc., N.I.Ts., Universities and other reputed institutions. Faculty members so deputed will be treated as "on duty" for the duration of the course and the to-and-fro travel time. Further, the registration fee for the course will be borne by the Institution and the faculty will be paid to-and-fro II class (sleeper) fare for the travel. Deputation of faculty members for such refresher courses will be decided by the Principal based on the recommendation of the Head of the Department concerned.

#### **Presenting papers in Seminars:**

Faculty members presenting their research papers in Regional/ National/International Conferences /Seminars/Workshops will be paid the registration fee (subject to a ceiling of Rs. 3000/-) and also to-and-fro sleeper class railway fare, provided the International Conferences is held within the country. Further, they are treated as "on duty" for the duration of the conferences and the to-and-fro travel time.

**Incentives for publishing papers in journals:**

An amount of Rs 5000/- and Rs 2000/- cash incentive will be given to faculty for publishing papers in international and national journals of repute respectively.

**2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.**

The college creates a work culture by motivating the faculty to excel in their areas of research and teaching. The college has constituted best teacher awards to faculty basing on their meritorious work in the fields of teaching and research. Faculty members are recognized at the institutional level on the basis of their results at the university level.

Faculty members achieving good results are rewarded. The best performing teacher is identified and honoured with best teacher award for excellence in academics. The award carries citation, memento and cash.

**Faculty Appraisal for the year: 2016-17:**

The Faculty appraisals are decided based on their academic performance, feedback from the students and their contribution to the academic development. For the year 2015-16 following faculty are selected based on their performance. These appraisal certificate are hand over to the faculty on Teachers day,(5<sup>th</sup> Sep 2016) and rewarded with Rs. 500 per faculty.

S.No.	Name of the faculty	Dept.	Subject
1.	Dr. T. Govind Raj	EEE	EPS
2	Mr. Sk. Jilani	Civil	GIS
3	Mr.S. Raghavendran	MBA	MS
4	Ms. K. Chandana	Civil	DMM
5	Mr.Ch. Anand Kumar	ECE	EC
6	Ms. Y. Archana Sai	EEE	EEE
7	Mr. V. Veeresh	CSE	MFCS
8	Mr K Jail Singh	ECE	EDC
9.	Mr. S Basavaraj	MEC	DMM
10	Mr. L. Ramesh	MEC	PPE

Furthermore, this appreciation has been instrumental in scaling heights in results. Every year, a good number of our students across various streams have secured Gold, Silver and Bronze medals at the university level.

**2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?**

Yes. There is a system for evaluation of teachers by the students and by external peers. A format is prepared and given to the students to give their fair and frank opinion about the subject taught. The feedback from the students will be taken twice in a semester before the mid examinations. The two times feedback system helps to identify the strengths and weaknesses of the faculty in the middle of the semester. The HOD or Principal will immediately counsel the faculty if deficiencies are observed such that the faculty can improve from that point onwards. The data is analyzed and constructive suggestion is given to teachers about their methodology of teaching, style of teaching, use of innovative methods for teaching, development of laboratories, projects, paper publications, R&D activity.

The performance appraisal of each faculty which will be collected annually, will be analyzed critically at the end of the year and the faculty are guided basing on that, if necessary. The syllabus coverage and other class room teaching aspects will also be discussed in the class work review committee meetings which are also held twice each semester. This will also improve the teaching and learning processes.

ATTACH THE SAMPLE FEEDBACK FORM HERE

**SAMPLE TEMPLATE**  
**HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE**  
 Bogaram (V), Keesara (M), RR Dist 501301.  
**FEEDBACK FORM**

**B. Tech :II-II Sem**

**Branch: ECE**

**A.Y:2016-17**

Subject(Theory) Taught (in short form)		EMTL	ECA	PEE	PDC	DDV	ES	EC PC LAB	ET LAB
1	Did the Teacher help in understanding and learning concepts and principles								
2	Teacher's command over the subject								
3	Teacher's enthusiasm about teaching								
4	Did the Teacher give examples?								
5	Did the Teacher cover all the units with required importance?								
6	Accessibility of the Teacher outside the class								
7	Interaction with the students during the session								
8	Teacher's ability in controlling the class								
9	Punctuality of Teacher in engaging the class								
10	Standard of Assignment for learning subject								
11	Discussion of solutions to question papers, assignments and typical questions								
12	Teacher's communication skills in medium of instruction( English)								
13	Did the Teacher keep you informed with the latest developments in the particular area/subject?								
14	Did the Teacher follows the time schedule in completing all the details of the syllabus prescribed by JNTU-H								
15	Did the Teacher keep the class in interactive mode/passive mode								
16	Do you prefer this Teacher to continue teaching this subject or any other subject in this semester or altogether new subjects in the next semester?								

## **2.5 Evaluation Process and Reforms**

### **2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?**

A handbook which includes academic regulations, course structure and detailed syllabus is provided to all the students at the time of admission and it is available in the college website.

The Stakeholders of the institution i.e. students and faculty members and even the parents of the students are informed about evaluation process by giving general instructions mentioned in the prospectus of the institution during orientation day and parent teacher meetings.

The periodic instructions issued by the affiliating university are promptly communicated to the students. The students are individually provided with copies of the university syllabus which included the detailed evaluation procedure. Likewise they are informed at the start of the session regarding the terminal tests after the gap of three months. Students are clearly made aware of the eligibility conditions required to appear in the final exams. They are informed of the criterion of the internal assessment.

The evaluation is the integral part of teaching learning process. As the students are aware that they are being evaluated continuously, good attendance and participation in the class is ensured.

The end examination and mid semester examination are conducted by the university and the Institute has no role in setting the question paper or evaluating the answer paper.

### **2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?**

The students are allotted with roll numbers based on the code and criterion given by the affiliating university. The internal evaluation is conducted for theory subjects on basis of descriptive, objective tests. The internal evaluation carries 25% weightage in R10 Regulation. The university has initiated various evaluation reforms viz.

#### **Reforms initiated by the University:**

1. University has created web portal for entry of internal marks and attendance in slots spread over the semester. The performance of the student is automatically recorded in the university examination portal.
2. Introduction of internal assessment system.
3. Introduction of O.M.R Answer Sheets.

4. Introduction of table marking and evaluation through secret roll nos so as to make each evaluation process more transparent.
5. During university paper evaluation, teachers with minimum three years of experience are called for evaluating answer scripts.
6. The students can also know the number of right/wrong question he has answered and marks obtained thereon. This system is totally transparent and a major reform brought in by the university.
7. With regard to the final examination conducted by the university, a student who feels that he secured less marks than his expectation can approach the University for Re-counting, Re-evaluation with personal identification paper after paying fee as stipulated by the university.
8. The University has created systems through which students can opt for Photocopy of the answer script and also apply for revaluation. In case of the contention of the student being right, the University reimburses the the fee paid for Challenge evaluation.

**Reforms initiated by the institution:**

1. Class tests and assignment tests are conducted to evaluate the performance of students.
2. After evaluation the papers are shown to students, discussed with the students, where he has gone wrong in answering a particular question and the reason for giving less marks or the reason for not giving maximum marks for that question.
3. If the students are satisfied with the marks awarded by the teacher, his signature is obtained on the answer sheet.
4. If the students are not satisfied with the marks awarded by the teacher he makes an appeal to the HoD who in turn will constitute a committee and the committee will look into the grievances raised by the students. Accordingly, the marks given are either modified or remain same. This shows the evaluation process adopted by the institute is transparent.
5. Institute conduct a Pre-University test for three hour duration, this is an exact replica of the End semester university exam.
6. Periodical project reviews are conducted for assessment of student performance in projects.
7. Laboratory internal & external exams were evaluated by proper scheme of valuation.

**2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?**

- The institute effectively implements the evaluation reforms of the university and that of the institute to ensure total transparency in the evaluation methodology.
- The internal examination papers conducted by the institute are shown to the students and when the student is satisfied with evaluation methodology he will sign on the answer script otherwise approach the HoD for redressal.
- Records are maintained in the HoD office with regard to the performance of all the students in all the subjects. A copy of it made available in the examination branch.
- Students and their parents can visit the institute any time and discuss the performance of their children with the HoD and consult faculty members. The internal examination papers after evaluation by the teacher are randomly checked by the HoD to know the evaluation pattern adopted by the teachers.

**2.5.4 Provide details on the formative and summative assessment approaches adapted to measure student achievement. Cite a few examples which have positively impacted the system.**

**Formative Assessment:**

The Primary objective of formative assessment is to monitor student learning, to provide Feedback regarding the ongoing lectures that can be used by instructors to improve their teaching and simultaneously by students to improve their learning. Formative Assessment of the students is done through Assignments, Presentations, Industrial visits, Class interactions, Group discussions / Viva-voce, Workshops/Seminars, Projects, Written and practical tests, Inter college competitions, Overall attendance and conduct during the session.

**Summative Assessment:**

The goal of summative assessment is to evaluate learning developed by a student towards the end of semester. Summative assessments are often high stakes, which means that they have a high point value. Summative Assessment takes place at the end of the academic session which is conducted by the college in the form of a Pre-University test at the end of the semester. This process helps the students to gain confidence and to achieve good results.

This is how the institution uses the formative and summative evaluation approach to measure the student's performance. Finally, the university conducts a summative evaluation (End semester examination) at the end of each semester through the following.

- Written Exams
- Practical Exams
- Comprehensive Viva voce
- Project work

The formative assessment helped the students in gaining more knowledge and thus made them in performing well in the campus recruitment process.

**2.5.5 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the student's results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.**

Two midterm tests are taken during the semester. These tests are both subjective and objective. The institution evaluates the students through two mid tests and assignments during the semester.

1. The report is sent to the head of institution after evaluating in a fair and open manner. The parents are informed through letters, messages and even telephonically (for weak students).
2. The students' performance is closely monitored by their respective faculty mentors / counselors. The mentors interact with the Head of the department to suggest remedial actions such as extra classes and tutorials. The record of the whole evaluation process is transparent. The answer books are shown to the students.

The Head of the Department arranges to inform the parents through the following:

- Display on the notice board.
- Through periodic performance reports to the parents including attendance.
- Parents Teachers Meet.



**Result Analysis: Pass Percentage (%)**

Courses	2015-16	2014-15	2013-14
B.Tech (CSE)	88.89	83.17	91.89
B.Tech (ECE)	54.74	80.36	87.18
B.Tech (EEE)	76.79	65.79	92.59
B.Tech (ME)	73.74	89.69	100.00
B.Tech (CE)	72.84	80.43	NA
MBA	59.4	63.4	60.4
M.Tech (CNIS)	35.26	56.8	49.06
M.Tech(ES)	52.35	50.6	75.3
M.Tech(CAD CAM)	46.98	55.65	45.65
M.Tech(Mac Des)	34.6	46.5	35.6
M.Tech(Highway Engg)	70.65	NA	NA

**2.5.6 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weight ages assigned for the overall development of students (weight age for behavioral aspects, independent learning, communication skills etc.**

Complete transparency is maintained in the internal assessment. All the students are familiarized about the transparency in internal assessment. Each theory subject is evaluated through internal and external exams. As per the regulations Internal and externals are conducted for 30 and 70 respectively. Two internal examinations are conducted for every semester. The internal examination is so designed that they test not only the subject knowledge of the student, but also his / her analytical and problem solving skills. Each internal assessment through the tests carries 25 marks (15 subjective+10 online).The best of 2 tests is considered. The assignments carry 5 marks.

Transparency in the evaluation is maintained by returning the valued scripts to the students to enable them to check the marks and to draw the attention of the teacher to the discrepancy, if any, either in the awarding marks or totalling of marks.

Students are also provided an opportunity think independently, learn independently and act independently in domain-subject. Any new idea coming from the student is always encouraged and the HoD and other faculty members sit together with the students to transform the student ideas into a reality. The institution organizes classes on communication skills, technical skills that will help the student to grow significantly in his academics and his behaviour.

**2.5.7 What is the graduate attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?**

The JNTUH specifies the graduate attributes in the form of program outcomes specific to each program offered by the university. The program outcomes are aligned with the engineering graduate attributes namely:

- Engineering knowledge and skill development
- Problem solving
- Design and development for a particular problem
- Investigation of complex situation on problem
- Use of modern tools
- Ethics and individual and team work
- Communication skills
- Technical skills
- Project management
- Finance
- Lifelong learning
- Environment and sustainability
- Service to the society

Our institute also follows the similar pattern and has clearly stated learning outcomes which are in concurrence with the university. The vision and mission of the institution clearly states and stresses on the holistic development and a passion for learning of the individual. Every department has well defined Program Education Objectives (PEO). Further, they have clearly defined program outcomes (PO) and course outcomes (CO) and cross mapping has been done in between PEO, PO and CO. Moreover, evaluation of each PO and CO is done to check whether students have achieved them, and then use the results to make our courses better.

The students are made aware of the learning outcomes in the classrooms, departmental, technical society meetings and the meetings conducted by the HoD from time to time. The faculty is made aware of the learning outcomes for each course which is clearly indicated in the curriculum provided to the students. In addition to the above, the institution adopts the following modes for delivery of the subject.

- Lecture delivery with the discussion from the student
- Presentation of subject using LCD projector.
- Tutorial class

- Demonstration
- Individual / Group projects
- Guest lectures
- Seminars and assignments
- Industrial visits
- The program objectives are also evaluated by the following way:
- Participation of the student in the class and his attendance in the class.
- Assignments
- Internal assignment examination
- Independent learning and behaviour aspects
- Paper feedback

**2.5.8. What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?**

**At college level:**

The answer scripts of internal examinations are shown to the students after evaluation to bring out the discrepancies, if any, to the notice of teacher concerned, and the necessary corrections will be made.

If student is not satisfied with the marks awarded in any subject/ laboratory after bringing it to the notice of the teacher concerned, he/she may represent the same to the Chief- Superintendent of Examinations through the HOD concerned.

**At University level:**

The student is entitled to apply for revaluation in theory subjects by paying the prescribed fee to the University. The University will take up all such applications and re-evaluate the scripts by competent subject teachers. However, if there is no improvement, earlier marks will be retained.

The student is also eligible to apply for challenge revaluation in theory subjects by paying the prescribed fee to the University. Challenging revaluation is carried out by two subject experts in the presence of student at the University. If the improvement in total marks is equal to or greater than prescribed percentage of the total marks, the fee paid will be refunded and further the improved marks will be treated as final marks in that subject.

## **2.6. Student performance and Learning Outcomes**

### **2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?**

Yes, the institution has clear vision about learning outcomes. The learning outcomes are defined in terms of program education objectives, program outcomes, course outcomes.

Each department prepares programme outcomes for each subject basing on the criteria mentioned by AICTE. Each programme will be mapped to cover some of the following outcomes.

- a) The ability to work independently
- b) The ability to work in a team
- c) The ability to communicate well via oral presentations
- d) The ability to effectively express ideas through written communication
- e) The ability to apply knowledge of basic science, mathematics and Engineering principles to solve complex problems
- f) The ability to write correct and good computer programs
- g) The ability to construct appropriate abstractions to manage complexity and to think creatively about new problems
- h) The ability to understand the professional ethics and responsibilities of an engineer
- i) The ability to understand the implications of contemporary computing and information processing issues relative to society
- j) The ability to acquire the foundations to do well in post graduate school
- k) The ability to compete and succeed in competitive examinations

The PEOs, POs are published in college web sites and on departmental notice boards. The learning outcome for each course is clearly indicated in the course curriculum provided to all the students. Orientation programs are conducted for the newly recruited faculty members to create awareness about objective and outcomes of the course. The learning outcomes are notified in the academic documents given to students and faculty. The subject handling faculty members explain their students about the objective and outcome of that particular subject and clarify the students regarding the course outcomes. The learning outcomes are also made known to parents during parent meet.

**2.6.2 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?**

The curriculum is prescribed by the university and the teaching-learning program adopted by the institution always aim at the academic excellence. The institution adopts the following strategies for both undergraduate and postgraduate students:

**Teaching Strategies**

- Faculty development programs are conducted by the institution from time to time.
- A course file has been prepared before the beginning of each semester which includes quality policy, quality objective, program education objective, syllabus, lesson plan, assignments, previous year question papers and hand-written notes.
- Library books are procured based on the teacher syllabus requirements from college library and departmental library.
- Class visit by HODs to assess the teaching standard of faculties and suggestions for improvement if required.

**Learning Strategies:**

- The institution has a conducive learning environment. Slow learners and advance learners are identified and given remedial classes and special assignment respectively. Every department has a buddy programs in which advance learners will also help slow learners.
- Library and computer lab working hours are scheduled keeping in mind the extended support these departments can extend after regular class hours.

**Assessment Strategies**

- Classroom interactions help teachers to assess the learning outcome of that session
- Regular tests and exams are conducted and the result analysis done.
- Every student signs student attendance before every sessional test (ST-1, ST-2 and PUT).
- Library issues book bank (text books prescribed in the curriculum) to every student before the commencement of each semester. Apart from these books, library books are also issued to the students for prescribed time.
- The institution also has mentoring sessions, grievance cell to cater to the diverse requirements of the students.

- The training and placement cell of the college nurtures the entrepreneurial skills of the students, and encourages student in public speaking and group discussion through Personality Development Programs (PDP) and Campus Connect Programs (CCP).
- The Sciences & Humanities (S & H) department encourages students in creative writing, vocabulary and language exercises.
- Every department has its technical society/clubs, which conducts different events on enhancing creative talent of students.
- The sports committee caters to the physical development of the students by not only encouraging them to participate in various sports but also develop sportsmanship in them.
- Guest lectures, workshops, seminars and conferences are conducted by every department for graduate and postgraduate students.

**2.6.3 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?**

To enhance the social and economic relevance of the courses offered the following measures/ initiatives have been taken:

**a) T & P Cell:** The Training and Placement Cell is committed to fulfilling the dreams of all those who graduate from our institute. The main objective of the placement cell is to place the students in good companies. This is achieved through campus selections conducted in the college for which the students are trained in aptitude, technical and soft skills, much ahead of campus selections. The Cell believes in overall development of the students' personality, which will help them to achieve a rewarding career.

**b) Entrepreneurship Development:** The college takes a holistic approach and trains its students not only making them placement-ready but also enlightens them about various other means for a brighter future like becoming entrepreneurs. To encourage the engineering students, programs on entrepreneurial opportunities, business environment scanning, technology changes, marketing, entrepreneurial motivation training etc. are organized through the EDP Cell.

**Entrepreneurship Development Events Conducted so far:**

**Academic Year 2015-16**

Sl.No	Date	Topic	Resource Person and Designation
1	20-01-2016	An awareness Program on support to women entrepreneurs by COWE.	COWE Chair Persons
2	19-08-2015	MDP & EDC Program.	Mr.Aravind Patwari, Director MSME-DI
3	22-01-2016	Quicker Maths	AnilNair

**Academic Year 2014-15**

Sl.No	Date	Topic	Resource Person and Designation
1	05-08-2014	MDP & EDC Program.	Mr.Aravind Patwari, Director, MSME-DI
2	08-09-2014 To 13-09-2014	Management development program on project management	Mr. U. Venkata Chalapathy DGM-National Small Industries Corporation (NSIC)
3	24-11-2014	eLSDM	Globarena Technology Pvt Ltd
4	5-8-14 to 11-8-14	Entrepreneurship Development Cell	Mr. Aravind Patwari & Mohan das & Jaydavan
5	6-10-14 to 11-10-14	AUTO CAD	P.Chetan kumar M/S Ramsys Info CAD

**Academic Year 2013-14**

Sl.No	Date	Topic	Resource Person and Designation
1	14-05-2013	Entrepreneurship Orientation Programmer	G.Sudharsan
2	12-08-2013	An awareness Program on support to women entrepreneurs by COWE.	<b>COWE Chair Persons</b>
3	09-09-2013	Workshop on " Entrepreneur Orientation Program"	NSIC ECIL
4	10-01-2014	Investing Awareness Program	HCCA
5	5-9-13 to 19-9-13(8d)	Microsoft Certified Professional (MCP) certification	Lokesh kumar atiquet(macher techno consults)
6	5-10-13 to 10-10-13 & 22 & 23-10-13(7d)	Microsoft Certified Professional (MCP) certification	Lokesh kumar atiquet(macher techno consults)
7	24-2-2014	Banking Facilities in Enterpernrship	Mr. Subramanyam

**Department of Mechanical Engineering:**

**Academic Year 2015-16**

S. No	Date	Topic	Resource Person and Designation	Target Audience
1	19-08-2015	MDP & EDC Program.	Mr. Aravind Patwari Director, MSME-DI	II, III, IV years students
2	07-11-2015	Workshop on "Entrepreneur Orientation Program"	Mr. G. Sudharshan Asst. Manager, NSIC	IV, III Students
3	20-01-2016	Workshop on "An awareness Program on support to women entrepreneurs"	COWE, Chair Person	II, III, IV years Girls students
4	21/02/2016	Quicker Maths	Mr. Anil Nair	III & IV year students
5	22/2/2016 to 05/03/2016	Faculty Development Program in entrepreneurship Development	National Institute for Micro, small and medium enterprises	Faculties of HITS and HIT

**Academic Year 2014-15**

S. No	Date	Topic	Resource Person and Designation	Target Audience
1	05-08-2014	MDP & EDC Program.	Mr. Aravind Patwari Director, MSME-DI	II, III, IV years students
2	08-09-2014 to 13-09-2014	Workshop on "Management Development Programmed on Project Management"	Mr. U. Venkata Chalapathy, DGM - National Small Industries Corporation (NSIC)	III & IV Year students

**Academic Year 2013-14**

S. No	Date	Topic	Resource Person and Designation	Target Audience
1	09-09-2013	Workshop on "Entrepreneur Orientation Program"	Mr. G. Sudharshan Asst. Manager, NSIC	IV, year Students
2	13-08-2013	"An Awareness program On Support to women entrepreneurs" By COWE	COWE, Chair Person	III & IV Year Girls Students
3	10-01-2014	Investing Awareness Program	Dr. Sai Kumar, Professor in IPE, Hyd.	IV Year Students



**Department of Civil Engineering:**  
**Academic year 2016-17**

S#	Name of The Event	Organized under	Dates	Number Of participants
1	Seminar On “Applications of Geology In Civil Engineering”	Civil Department	26/09/2016	136
2	Technical Fest ESPARANZA 2K16	Civil Department	29/07/2016-30/07/2016	120
3	Teachers Day	Civil Department	06/09/2016	142
4	Express Raja Program	Gnapika entertainments pvt. ltd (Etv plus Channel)	09/10/2016	40
5	FRESHERS DAY	CIVIL DEPARTMENT	01/10/2016	159
6	M.tech orientation day	CIVIL DEPARTMENT	19/10/2016	18
7	Kite festival	CIVIL DEPARTMENT	12/01/2016	31

**Academic year 2015-16**

S.No	Name of The Event	Organized under	Dates	Number Of participants
1	Haritha Haram	Management	03-07-2015	236
2	Teachers Day	Civil Engineering Department	05-09-2015	130
3	Engineer’s Day	Civil Engineering Department	15-09-2015	56
4	Fresher’s Day	Civil Engineering Department	15-09-2015	110
5	Times Of India Fresh Talent Search	Times Of India	07-10-2015	76

**c) Innovation:** For innovation in research students are encouraged to undertake, participate in research projects, national seminar & conference. Research advisory committee identifies the various fields of research and assigns the research topic to relevant department.

**d) Research aptitude:** Preparation of field study report, project report and laboratory experiment done by the students may be considered as the first step to ignite their research aptitude. Students are encouraged to write, present and publish reports about their project work. They are supported to participate in technical events conducted within and outside the college.

e) **PDP:** Besides the above, HMITS strives to inculcate responsibility and accountability in its students; responsibilities towards their organizations and accountability towards the society. The college conducts Personality Development Program which enhances the soft skills of students, building up their self-confidence and motivating them to scale new unbound heights of glory.

Other activities like Students motivation camps, Conducting technical symposiums and competitions which make students to present their innovative ideas are some other activities that have shown considerable improvement in student's placement and translation of innovative ideas into useful work.

**2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?**

Performance of students in the university exams is an indicator of students' learning outcomes. After the announcement of every semester results by the university, a thorough analysis is done. Subjects in which performance needs further improvement, the causes for the same are analyzed and remedial measures are planned. Tutorial classes and expert lectures are arranged for the students.

Institution has specified procedure to collect and analyze data on student learning outcome; the following points are adopted by the institute in this context:

- Continuous evaluation comprising of class tests, sessional tests, pre-university test, assignments.
- Internal and External examination
- Mentorship classes, class tests, viva in the lab
- Projects
- Seminar and project presentation by students
- Students who have joined higher studies and working presently is maintained by the individual departments.
- Alumni to identify the needs of the industry from fresh engineers.

Institute has taken following steps to overcome barriers:

- During the campus interviews based on the assessment parameters of the company, the training programme will be modified to improve the performance of the students.
- Internal and External examination results and its analysis on various subjects is used to identify the difficult subjects and extra classes are organized for these subjects for the next batches to improve the pass percentage..

- By showing answer books to students to make them understand their relative strengths and weaknesses
- Minimum attendance percentage (75%) and eligible criterion is followed
- Extra classes for weak students to solve their problems
- The regular evaluation of teachers (syllabus monitoring, faculty feedback (after every semester)) helps in the improvement of learning outcomes

#### **2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?**

The institution has a clearly defined, set mechanism to monitor and ensure the achievement of the learning outcomes:

- Teaching, learning and evaluation processes are submitted by the faculty for each subject at the beginning of the semester, and the same are displayed on the college website.
- Attendance is compulsorily taken for every lecture and laboratory schedule is fixed.
- The sessional tests and assignments are corrected within a short duration and the marks are entered in work register, and copies are shown to the students in the classrooms to make them understand their relative strengths and weaknesses.
- Collecting and disbursing data about the performance of the students in the previous qualifying exam before commencement of the course to assess the ability of the student (toppers and weakers are identified in the beginning of the semester)
- Slow learners and advance learners are made buddies to help each other.
- The library also supports with the issue of relevant books, reading material, previous years question papers, e- and printed journals.
- Review and counselling on attendance and performance wherever needed.

#### **2.6.7. Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.**

**Yes.** In accordance with the learning outcomes, the question papers are set and the answer scripts are evaluated. The Principal considers student result analysis and the feedback to give proper directions

towards improving teaching-learning process, mentoring process and other activities related to learning outcomes. Examples:

- Planning the calendar of events for each semester.
- The feedback report is given to the faculty members. The faculty member having poor feedback is called for discussion by the HoD and counselled. The HoD monitors the performance of such faculty members.
- The faculty members are informed to discuss the real life problems in the class through presentations or videos.
- Suggesting the faculty members to conduct extra classes for the academically weaker students.
- Mentoring system: the faculty members engaging first year are the mentors for the first year students. The performance of these students is continuously monitored and is reported to the parents. Mentoring for the higher semester students is done at the department level.
- Arranging the invited talks by eminent personalities from industries and other organizations to motivate the students.

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

### **CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION**

#### **3.1. Promotion of Research**

##### **3.1.1. Does the institution have recognized research center/s of the affiliating University or any other agency/organization?**

**No.** As of now the Institution is not recognized as a research centre by the affiliating university. The institution is slowly acquiring facilities to carryout research in major branches of engineering. Institution propose to approach university for recognizing our CSE, ECE, EEE and ME departments as research departments since we have qualified and research oriented professors in these departments.

##### **3.1.2. Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.**

**Yes.** The institution has created a research and development cell under the supervision of a Research Committee to address issues of research in engineering and sciences. The following is the composition of the Research Committee:

S.No.	Name of the Person	Designation	Position
1	Dr. N. Subhash Chandra	Principal	Chairman
2	Dr. C.R.K. Prasad	Professor, ECE	Convener
3	Dr. T. Govindaraj	Professor	Coordinator
4	Dr. M.S. Chauhan	Professor, CIVIL	Member
5	Mr. B. Santosh	Assistant Professor, ME	Member
6	Dr. Ch. Raghavendran	Associate Professor, CSE	Member
7	Mrs. E.Sangeetha	Asst. Professor, H & S	Member
6	Mr. Y.Rambabu	Assistant Professor, EEE	Member

The committee reviews the research activities in the college and recommends action plan. The committee meets once in a semester or as and when required. The important recommendations made by this committee in the earlier meetings are as follows:

- To provide fiscal incentives to faculty who publish their papers in peer-reviewed journals.
- To provide financial assistance to faculty to present their papers in reputed national and international conferences.
- To apply for recognition as research centre by the individual departments.
- To provide study leave on case-to-case basis for those who pursue Ph.D.

- To send faculty under QIP for higher institutes of repute for pursuing Ph.D.
- To identify and provide adequate infrastructural facilities for faculty based on the merits of research.
- To provide financial support wherever necessary to fill the gap in spending on research projects.
- To subscribe as many research journals as possible beyond the mandatory requirements.
- To identify department wise thrust areas and invite reputed researchers to promote or support the activity for enhanced levels of achievement.
- To encourage regular departmental peer-level seminars on the upcoming areas of research to inculcate the research interests in those areas.
- Measurable impact can be observed in terms of number of publications in peer-reviewed journals and number of paper presentations in reputed national and international conferences.
- To advise the Professors and senior faculty members to apply to the AICTE, UGC, DST, and DRDO with research proposals for projects. The sponsored research activity is also picking up.

**Impact of the Recommendations of Research Committee:-**

- Institute has applied for Research grants from AICTE, DST, etc...
- Faculties have published several research papers in Journals and Conferences.
- Some of the Faculty members pursuing their doctoral programs.
- Every Department is having Own Research Lab facilities. Additional equipment has been procured for R&D.
- 73 Hardcopies and 1918 Softcopies of research journals are subscribed by the central library.
- The student research projects for UG and PG courses are conducted in the college under the guidance of the faculty.
- Consultancy works have been taken up by the faculty of various departments.
- The recommendations made by the committee are taken note by the management and has shown some impact among the faculty members. A good number of papers are published by the faculty consistently for the last 2 years. Many faculty members are now inclined to carryout research in thrust areas like digital image processing, composite materials and nano technology, etc.

**3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?**

Dr. T. Govindraj has been appointed as Research Coordinator (R&D). He has been assigned with the responsibilities of coordinating with the senior faculty of the institute to promote research, consultancy and high end training. The following are the measures taken to facilitate smooth progress and implementation of research activities:

- Advancing funds for sanctioned projects
- Providing seed money for initiating research activity
- The Principal investigators who were sanctioned projects from various organizations like AICTE, MHRD etc., are given full autonomy in executing the project as per the guidelines of the funding agencies and also provides additional resources , if required.
- Timely release of grants
- Submission of utilization certificate to the funding authorities.
- The college is providing seed money to the faculty for applying for research projects.
- For all the sponsored projects the grants are released in time.
- Actively pursues to complete the project in-time providing all support for auditing and submission of utilization certificates.
- The college is also advancing funds for sanctioned projects to take-off early.
- The Principal Investigator is given freedom to use the overhead charges in his/her project.
- The principal investigator is given money to purchase journals of his choice and also given library and internet facility.
- The principal investigator may also use the services of PG students and junior faculty members. He can also organize expert lectures in his domain area of research for which the institution will pay the travel chargers and local hospitality.
- The principal investigator is given reduced workload to enable him to complete the research project
- Timely auditing and submission of utilization certificates to the funding authorities are effectively done.

The following is the amount spend towards Seminars/Workshops in the last years:

No	Academic Year	Seminars/ Workshops/ Conferences/Publication
1	2015-16	27,64,989
2	2014-15	17,91,599
3	2013-14	12,34,555
4	2012-13	11,32,650
5	2011-12	10,67,901
6	2010-11	9,00,773

**3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?**

- College regularly conducts seminars, guest lectures, conferences & technical symposia etc., for the benefit of both students and faculty members. They do interact with resource persons during the above events and enhance their knowledge levels for carrying out the research.
- The students are given small projects by the faculty members involved in research to inculcate research culture among the students.
- Furthermore, final year students(Undergraduate) and post graduate students are groomed in such a manner that projects undertaken by them are so chosen that they can be extended towards research work at a later stage.
- Invites superannuated professors with good research background to guide students in research.
- Institution encourages the innovation of students. Institution organise research webinars for students. Institution has digital library for the students and faculty. Institute encourages students to publish papers in high impact factor journals. Institute has student's chapters of ISTE, IEEE, CSI etc.



**3.1.5. Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.**

With the encouragement and motivational incentives provided by the college, a good number of faculty obtained their doctoral degrees and many have registered for Ph.D. About 33 of the 245 faculty have Ph.D. degrees and are actively engaged in research work and publishing research papers. Many of the faculty are actively involved in research work and good number of papers are being published in national and international journals. The list of the faculty offering Ph.D. guidance and research projects is given below:

S. No.	Name of Faculty	Department	M.Tech Guidance		Research Projects	
			Awarded	Guiding	Completed	Ongoing
1.	Dr. M. S. Chauhan	CIVIL		18		18
2.	Dr.Dhawan Kiriti Kumar	EEE	1	-	-	Ongoing
3.	Dr. Thangavel Govindaraj		1	-	-	Ongoing
4.	Dr. R.Devasaran		1	-	-	Ongoing
5.	Dr. V.V.Karthikeyan		1	-	-	Ongoing
6.	Dr. S Saravanan		1	-	-	Ongoing
7.	Mr.Veeravalli K R Mohan Rao		-	-	-	Ongoing
8.	Mr. S Radhakrishna Reddy		1	-		
9.	Mr.Yerra Rambabu		1	-	Completed	Ongoing
10.	Mr.Garlapati Ravinder Reddy		1	-	-	Ongoing
11.	Ms.Dharamkar Laxmanrao Pallavi		-	-	Completed	-
12.	Mr.Vuddandam Vijaya Bhaskar		1	-	Completed	Ongoing
13.	Ms.Pola Lalitha Madhuri		-	-	Completed	
14.	Mr.Netala Netaji Gandhi		2	-	Completed	Ongoing
15.	Mr.Sadula Venumadhav		-	-	Completed	-
16.	Mr.Thota Santosh Kumar		1	-	-	Ongoing
17.	Mr.Kota Babu Reddy		Ongoing	Ongoing	Ongoing	Ongoing
18.	Mr.Pillalamari V S Aditya		1	-	Completed	-
19.	Mr.Immadisetty Rahul		2	-	-	Ongoing
20.	Mr.Vakiti Vishnuvardhan Yadav		-	-	-	Ongoing
21.	Ms.Kurapati Sailaja		-	-	-	Ongoing
22.	Mr.Chidigi Somasankarappa		-	-	Completed	-

SELF SUMMARY REPORT FOR ACCREDITATION BY NAAC

23.	Dr. K. V. Murali Mohan	ECE	01	00	03	00	
24.	Mr. Y David Solomon Raju		01	00	03	01	
25.	Mr. B Karunaiah		06	00	02	01	
26.	Mr. K Kanthi kumar		02	00	01	01	
27.	Mr. Ch Ananda Kumar		01	00	03	00	
28.	Dr. CRK Prasad		00	00	00	01	
29.	Dr. V. Vidya Devi		00	00	02	00	
30.	Mrs. M. Grace Priscilla		00	00	01	01	
31.	Mrs. D. Aruna Kumari		00	00	02	00	
32.	Mrs. D. Padma shri		00	00	02	01	
33.	Mr. K.Jail Singh		00	00	02	01	
34.	Mr. D. Jaya Kumar		00	00	03	00	
35.	Mr. E. Sri Krishna		00	00	01	01	
36.	Mr. B. Pulla Rao		00	00	01	00	
37.	Mrs N. Sreelatha		00	00	02	00	
38.	Ms. Sayida Thahaseen		00	00	01	00	
39.	Mrs. M.Sandhya Rani		00	00	01	01	
40.	Ms. N. Sai sruthi		00	00	00	01	
41.	Mr. K. Sandeep Kumar		00	00	00	01	
42.	Mr. G. Sreekanth		00	00	00	01	
43.	Mr. B. Sathyanarayana		00	00	02	00	
44.	Ms. L. Renita Devi		00	00	01	01	
45.	Mr. P.Suresh		00	00	01	00	
46.	Mr. H.Rama Chandra Rao		00	00	01	00	
47.	Mrs. V Malathi		00	00	00	01	
48.	Ms. K. Rajitha		00	00	01	01	
49.	Mr. N. Venkata Vara Prasad		00	00	01	00	
50.	Dr. N Subhash Chandra		CSE	6	NIL	NIL	10
51.	Dr. Rajasekharaiah KM			32	NIL	NIL	1
52.	Dr. BMG Prasad			4	NIL	NIL	NIL
53.	Dr. Khalid Imam Rahmani	2		NIL	NIL	NIL	
54.	Mr. Vempati Krishna	4		NIL	NIL	NIL	
55.	Mr. B Ravikumar	4		NIL	NIL	NIL	
56.	Mr. Birru Devender	4		NIL	NIL	NIL	
57.	Mr. T. Venu	2		NIL	NIL	NIL	
58.	Mr. B. Narasimha	3		NIL	NIL	NIL	
59.	Dr.N. Jeevan kumar	MECH	2	0	1	1	
60.	Dr.T .Madhu Sudan Reddy		2	0	2	0	
61.	Dr. H N.Suresh		2	0	1	0	

62.	Mr.P.Suresh		2	0	1	0
63.	Mr.K.Bhava Narayana		2	0	1	0
64.	Mr.B.Malsoor		2	0	1	0
65.	Mr. G.BHANU PRAKASH		2	0	1	0
66.	Mr. J. Mallesh		2	0	1	0
67.	Dr. R . JOYTHI MURGHAN		1	0	0	1
68.	Mr. Gangappa pattan		1	0	0	1
69.	ANAD KAMBLE		1	0	0	1
70.	Dr. E.D. FRANCIES		2	0	1	0
71.	Dr. N.R SWAMINATHAN		2	0	1	0
72.	Mr. S JAYAKRISHNA		2	0	1	0
73.	H.SANGAMESH HERKAL		2	0	1	0
74.	Dr.N.R.SWAMYNATHAN		1	1		
75.	Dr.R.JOTHI MURUGAN		1	1		
76.	Dr.E.D.FRANCIS		1	1		
77.	Mr.S.JAYAKRISHNA		1	1		
78.	Mr. G.BHANU PRAKASH		1	1		
79.	Mr.B.MALSOOR		1	1		
80.	Mr.SANGAMESH.B.HERAKAL		1	1		
81.	Mr.MALLESH JAKANUR		1	1		
82.	Mr.GANGAPPA PATTAN		1	1		
83.	Mr.ANAND KAMBLE		1	1		
84.	Mr.M.SREENU RAJU		1	1		
85.	Mr.B.HARISH RAJ		1	1		
86.	Mr.MANJUNATH CHINCHOLI		1	1		
87.	Mr.LEELA RAMESH		1	1		

The following is the list of Faculty Department Wise having Expertise in a specialised research Activity:

S. No.	Name of the Faculty	Department	Area of Research Activity
1	Dr. M.S. Chauhan	CIVIL	Modelling of River Ganga at Varanasi bend and its application on erosion, sedimentation and river sinuosity.
2	M. HARISH KUMAR		EXPERIMENTAL ASSESMENT OF A BASE COURSE TREATED WITH CRUMB RUBBER TO CHECK THE FATIGUE BEHAVIOUR OF A PAVEMENT
3	SK. JILANI		SMART STRUCTURES
4	Dr.Dhawan Kiriti Kumar	EEE	POWER SYSTEM
5	Dr. Thangavel Govindaraj		SPECIAL ELECTRICAL MACHINES

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6	Dr. R.Devasaran		CONTROL SYSTEMS
7	Dr. V.V.Karthikeyan		POWER ELECTRONICS&DRIVES
8	Dr. S Saravanan		POWER ELECTRONICS
9	Mr.Veeravalli K R Mohan Rao		POWER ELECTRONICS
10	Mr. S Radhakrishna Reddy		POWER ELECTRONICS
11	Mr.Yerra Rambabu		POWER ELECTRONICS
12	Mr.Garlapati Ravinder Reddy		POWER SYSTEMS& POWER ELECTRONICS
13	Ms.Yamsani Archana Sai		POWER ELECTRONICS
14	Ms.Dharamkar Laxmanrao Pallavi		POWER ELECTRONICS&INDUSTRIAL DRIVES
15	Mr.Vuddandam Vijaya Bhaskar		POWER ELECTRONICS
16	Ms.Pola Lalitha Madhuri		POWER SYSTEMS
17	Mr.Netala Netaji Gandhi		SSEM
18	Mr.Sadula Venumadhav		POWER ELECTRONICS
19	Mr.Thota Santosh Kumar		POWER ELECTRONICS
20	Mr.Kota Babu Reddy		ELECTRICAL POWER ENGG
21	Mr.Pillalamari V S Aditya		POWER ELECTRONICS
22	Mr.Immadisetty Rahul		POWER ELECTRONICS
23	Mr.Lokre Saisuman Rao		POWER ELECTRONICS
24	Mr.Vakiti Vishnuvardhan Yadav		POWER SYSTEMS
25	Ms.Kurapati Sailaja		CONTROL SYSTEMS
26	Mr.Chidigi Somasankarappa		POWER ELECTRONICS
27	Mr. Sriram Kiran Kumar		POWER ELECTRONICS
28	Mr. Dudekula Mastanaiah		POWER SYSTEMS
29	Mr. Asipu Divya Murthy		POWER ELECTRONICS
30	Ms. Thirumalashetty Rajeswari		ELECTRICAL POWER SYSTEMS
31	Mr. Mohd Vikhar Ahmed Khan		ELECTRICAL POWER ENGG
32	Ms. Chukka Himabindu Sagarika		POWER ELECTRONICS&ELECTRICAL DRIVES
33	Mr. Perala Sridher		POWER ELECTRONICS
34	Mr. K.Naveen Kumar		POWER SYSTEMS
35	Mr. Mukkella Ramanjaneyulu		POWER ELECTRONICS
36	Mr. Kopparam Ramakrishna		ELECTRICAL POWER ENGG
37	Mr. Meghavath Rajanayak		HIGH VOLTAGE ENGG
38	Mr. Dabbugottu Kalyan Rao		POWER ELECTRONICS&DRIVES
39	Mr. Ingilala Jagadeesh		POWER ELECTRONICS
40	Dr. K. V. Murali Mohan		Communications, VLSI Deign
41	Mr. Y David Solomon Raju		Image Processing, Communications, VLSI
42	Mr. B Karunaiah		Antennas, Embedded Systems
43	Mr. K Kanthi kumar		Wireless Communications, Embedded Systems
44	Mr. Ch Ananda Kumar		Antennas, Embedded Systems
45	Dr. CRK Prasad	ECE	Embedded Distributed Systems, Synthesized Real Time Operating systems, Distributed Object Computing, Formal Models
46	Dr. V. Vidya Devi		VLSI, DSP, Image Processing
47	Mrs. M. Grace Priscilla		Embedded Systems
48	Mrs. D. Aruna Kumari		DSP
49	Mrs. D. Padma shri		VLSI, Embedded Systems, Antenna

50	Mr. K.Jail Singh		Embedded Systems	
51	Mr. D. Jaya Kumar		Embedded Systems, Image Processing, DSP	
52	Mr. E. Sri Krishna		VLSI, Embedded Systems, DSP	
53	Mr. B. Pulla Rao		VLSI, DSP	
54	Mrs N. Sreelatha		DSP, Antennas	
55	Ms. Sayida Thahaseen		DSP	
56	Mrs. M.Sandhya Rani		VLSI, Embedded Systems	
57	Ms. N. Sai sruthi		Embedded Systems, VLSI	
58	Mr. K. Sandeep Kumar		VLSI, Embedded Systems	
59	Mr. G. Sreekanth		Embedded Systems	
60	Mr. B. Sathyanarayana		DSP, VLSI, Antennas	
61	Ms. L. Renita Devi		Antennas, Embedded Systems	
62	Mr. P.Suresh		DSP	
63	Mr. H.Rama Chandra Rao		DSP	
64	Mrs. V Malathi		Embedded Systems	
65	Ms. K. Rajitha		Embedded systems	
66	Mr. N. Venkata Vara Prasad		DSP	
67	Dr. N Subhash Chandra		CSE	Data Mining
68	Dr. Rajasekharaiah KM			Data Mining
69	Dr. BMG Prasad			Computer Networks
70	Dr. Khalid Imam Rahmani			Computer Networks
71	Dr. Chaluvadi. V. Raghavendran			Computer Networks
72	Dr.N.R.SWAMYNATHAN		Mechanical	Fluid Machines
73	Dr.R.JOTHI MURUGAN			Precision machining
74	Dr.E.D.FRANCIS			Nano composites
75	Dr.GANJI REDDY THRISEKHAR			Tribology
76	Dr.V.SURESH	Composite Materials		
77	Mr.S.JAYAKRISHNA	Robotics		
78	Mr.M.G.SURESH	Composite Materials		
79	Mrs.K.VIJAYASREE	Polymer Composites		
80	Mr. G.BHANU PRAKASH	Metal forming		
81	Mr.M.RAMARAO	Energy Engineering		
82	Mr.D.JAYAPRAKASH	Composite Materials		
83	Mr.P.SENTHIL KUMAR	Composite Materials		
84	Mr.B.MALSOOR	Fluid Machines		
85	Mr.VIJAYANAND PEDAMUTHEVI	Refrigeration and Air-conditioning		
86	Dr. K. SURESH	Manufacturing Engineering		
	Mr.SANGAMESH.B.HERAKAL	Design		
	Mr.MALLESH JAKANUR	Design		

**The details of the sponsored and student projects ongoing/ completed department wise is given below:**

**Department of EEE :**

S.NO	TITLE	COMPANY	YEAR	Professor	Faculty
1	INTEGRATION OF WIND POWER & WAVE POWER GENERATION	ORANGE RESEARCH LABS	2013-2014	Dr.R.V.Amarnath	1.Y.Rambabu 2.C.Somasankarappa 3.k.Sujesh 4.Trishulapani 5.Khajajainuddin 6.S.Prashanth Reddy
2	FUZZY BASED H-BRIDGE MULTILEVEL PV INVERTER WOTH DISTRIBUTED MPPT FOR GRID CONNECTED APPLICATIONS	SAK INFORMATICS	2014-2015	Dr.R.V.Amarnath	1.G.Ravinder Reddy 2.Y.Rambabu 3.Ch.Naga Lakshmi 4.ch.Ravi Kumar 5.D.Navitha Reddy
3	AUTOMATION OF ELECTRICAL APPLIANCES	ORANGE RESEARCH LABS	2015-2016	Dr.K.K.Dhawan	1.N.N.Gandhi 2.I.Rahul 3.S.Venumadhav 4.k.Babu Reddy 5.P.Venkataramanai ah

**Department of ECE :**

<b>1. Real Time Approach fo Secure Text Transmission using Video Cryptography</b>	
<b>Duration: 2 Years (Completed)</b>	
<b>2013-14</b>	<b>2014-15</b>
Prof. K V Murali Mohan	Prof. K V Murali Mohan
Mr. R Prabhakar	Mr. B Karunaiah
Mr. Y David Solomon Raju	Mr. Y Sharath
Mrs. D Padma Sree	Mr. D Subba Rao
Mr. Ch Anand Kumar	Ms. SK Ruksana Begum
Ms. S K Ruksana Begum	
Mr. T V Krishna Moorthy	
Mr. Ch Ramesh Kumar (Lab Assistant)	

<b>2. Efficient Coding Schemes for Fault Tolerant Parallel Filters</b>	
<b>Duration: 2 years (Completed)</b>	
<b>2014-15</b>	<b>2015-16</b>
Dr. Chennapa Keshava Murthy	Dr. V Vidya Devi
Prof. S China Venkateswarlu	Mrs. D Aruna Kumari
Mrs. K Vani Sree	Mrs. N Sreelatha
Mr. G Vijay Goud	Ms. K Rajitha
Mr. S Kiran Babu	Mr. Ch Naga Babu
Mrs. M Haritha	Mr. B Venkat Rao
Mr. E Rajaiah (Lab Asistant)	

<b>3. Enhanced Architecture for High Performance BIST TPG</b>	
<b>Duration: 3 years (Ongoing)</b>	
<b>2014-15</b>	<b>2015-16</b>
Mr. E Sri Krishna	Dr. V Vidya Devi
Mrs. Ch Rekha	Mr. B Pulla Rao
Mrs. N Sreelatha	Mr. D Jaya Kumar
Mrs. M Sandhya Rani	Mr. K Sandeep Kumar
Mrs. J Pushpalatha	Mr. Mohammad Elias
Mr. K Vamshi Krishna	Mr. K Venkata Ramana
Mr. M Babu Rao (Lab Assistant)	

<b>4. Automatic Wheel Chair</b>	
<b>Duration: 2 years (Ongoing)</b>	
<b>2015-16</b>	<b>2016-17</b>
Dr. C R K Prasad	Dr. C R K Prasad
Mr. K Kanthi Kumar	Mr. K Kanthi Kumar
Mr. K Jail Singh	Mr. K Jail Singh
Mrs. M Grace Priscilla	Mrs. M Grace Priscilla
Ms. N Sai Sruthi	Ms. N Sai Sruthi
Mr. G Sreekanth	Mr. G Sreekanth
Mr. V Pradeep (Lab Assistant)	

**Student Projects:**

BATCH NO.	STUDENT NAME & H.T. NO		Technology	PROJECT TITLE
1	1	13C91A0443	Intel	Smart Parking System
2		13C91A0460		
3		13C91A0401		
4		13C91A0426		
5	2	13C91A0412	Intel	Semi Automatic Driving Mode In Case For Drivers Saffety During Health Hazard
6		13C91A0459		
7		13C91A0441		
8		13C91A0414		
9	3	13C91A0439	Intel	LPG Gas Leakage Detector
10		13C91A0403		
11		13C91A0413		
12		13C91A0447		
13		13C91A0451		
14	4	13C91A0444	Intel	Saffety System For Bike Riders
15		13C91A0408		
16		13C91A0464		
17		14C95A0404		
18		13C91A0404		
19	5	13C91A0434	Intel	Wireless Transmission Of Electricity Using Embedded System
20		13C91A0418		
21		13C91A0420		
22		13C91A0430		
23		13C91A0435		
24	6	13C91A0410	Intel	Smart Solution For Efficient Drainage Flow
25		13C91A0449		
26		13C91A0402		
27		13C91A0423		
28	7	13C91A0419	Intel	RFID Based Child Security System
29		13C91A0457		
30		13C91A0442		
31		13C91A0421		
32	8	14C95A0402	DSP	Companding Transform in OFDM System for PAPR Reduction
33		13C91A0461		
34		13C91A0440		
35		11B61A0491		



BATCH NO.	STUDENT NAME & H.T. NO		Technology	PROJECT TITLE
36	9	13C91A0422	VLSI	Design and Analysis of Low Power Compressors
37		13C91A0411		
38		13C91A0463		
39		12C91A0437		
40	10	13C91A0462	DSP	Brain Tumor Segmentation Using Hybrid Clustering
41		13C91A0425		
42		13C91A0406		
43		11C91A0447		
44	11	13C91A0448	Embedded System	Automatic Room light controller with visitor counter
45		13C91A0452		
46		13C91A0431		
47		12C91A0403		
48	12	13C91A0429	Embedded System	Industrial Power Scheduler using Embedded System
49		13C91A0433		
50		12C91A0479		
51		13C91A0438		
52	13	13C91A0419	VLSI	Cryptographic Algorithm for Data Security
53		13C91A0437		
54		14C95A0401		
55		12C95A0402		
56	14	13C91A0458	Embedded System	Power Management System in Hotels using PC
57		13C91A0453		
58		13C91A0405		
59		13C91A0436		

**Department of CSE :**

**Sponsored Project: 1**

S. No	Name of the Faculty	Project Name	Year
1	Dr. B.R.S. Reddy(Professor)	Hotel Management System	2014-15
2	Mr.V.Krishna(Assoc. Professor)		
3	Mr.P.Srikanth(Asst. Prof)		
4	N.Nagaraju(Programmer)		

**Sponsored Project: 2**

S. No	Name of the Faculty	Project Name	Year
1	Dr. B.R.S. Reddy(Professor)	Travel Package	2014-15
2	Mr. T. Venu (Assoc. Professor)		
3	Mr. G.V. Kotireddy (Asst. Prof)		
4	D. Natraj (Programmer)		
1	Dr. N. Subash Chandra (Professor)		2015-16
2	Mr. Y. Ramakrishna		
3	Mr. JSVRS Sastry (Asst. Prof)		
4	D. Natraj(Programmer)		
1	Dr. N. Subash Chandra(Professor)		2016-17
2	Mr. B. Ravi Kumar(Asst. Prof)		
3	Mr. B. Uppalaiah(Asst. Prof)		
4	D. Natraj(Programmer)		

**Sponsored Project:3**

S. No	Name of the Faculty	Project Name	Year
1	Dr. MD. Khalid Imam Rehman(Professor)	Smart Tracker	2015-16
2	Mr. B.Devender(Assoc. Professor)		
3	Mr. M.Venkata Rao(Asst. Prof)		
4	V. Sudeshna(Programmer)		
1	Dr. MD.Khalid Imam Rehman(Professor)		2016-17
2	Mr. V.Veeresh (Asst. Prof)		
3	Mrs.P.Rajya Lakshmi (Asst. Prof)		
4	S. Ramya Kumari (Programmer)		

**Student Projects:**

BATCH NO.	STUDENT NAME & H.T. NO	Technology	PROJECT TITLE
I	V. Pavani(13C91A0541)	Java	A SECURE AND DYNAMIC MULTI KEY WORD RANKED SEARCH SCHEME OVER ENCRYPTED CLOUD DATA
	Y. Venkatesh(14C95A0504)		
	Dona(13C91A0518)		
II	D. Nikitha(13C91A0509)	Java	CDA GENERATION AND INTEGRATION FOR
	B. Prashanth(13C91A0503)		

	M. Anusha(13C91A0525)		HEALTH INFORMATION EXCHANGE BASED ON CLOUD COMPUTING SYSTEM
III	N. Soujanya(13C91A0527)	Java	TRAVEL AND TOURISM MANAGEMENT SYSTEM
	Kumar Shanu(13C91A0520)		
	D. Srikanth(13C91A0510)		
IV	K. Sushmitha(13C91A0517)	Java	SUCURITY OF DATA ACCESS CONTROL ON MULTI-AUYHORITY CLOUD STORAGE SYSTEMS
	B. Harish (13C91A0506)		
	V. Akhilesh(13C91A0544)		
V	P. Pravallika(13C91A0528)	Java	AUTOMATED MICROFINANCE SYSTEM FOR RURAL DEVELOPMENT
	A. Netaji(14C95A0502)		
	Sangtam(13C91A0540)		
VI	A. Sairam(14C95A0501)	Java	ON SUMMARIZATION AND TIMELINE GENERATION FOR EVOLUTIONARY TWEET STREAMS
	A. Ramya (13C91A0501)		
	M.Vivek(13C91A0542)		
VII	CH.Ashlesha(13C91A0508)	Java	ONLINE COLLEGE MAGAZINE
	S.Shashidhar(13C91A0539)		
	G.Shiva kumar(13C91A0512)		
	V.Mahesh(13C95A0505)		
VIII	S. Sai Krishna (13C91A0537)	Java	DATA LINEAGE IN MALICIOUS ENVIRONMENTS
	J. Srikanth(13C91A0514)		
	Babina(13C91A0504)		
IX	B. Arun kumar(13C91A0505)	Java	DYNAMIC RESOURCE ALLOCATION USING VIRTUAL MACHINES FOR CLOUD COMPUTING
	K. Swetha(13C91A0515)		
	Md.Qhamurdhin(12C91A0579)		
X	S. Upender(14C95A0503)	Java	DYNAMIC AND PUBLIC AUDITING WITH FAIR ARBITRATION FOR CLOUD COMPUTING
	E. Uday kumare(10C91A0524)		
	M. Venkatesh(13C91A0524)		
XI	P. Lakshman(13C91A0532)	Java	RESOLVING MULTI-PARTY PRIVACY CONFLICTS IN SOCIAL MEDIA
	Birbosh(13C91A0507)		
	Kashi Naryana(13C91A0533)		
XII	CH. Swathi(14c95a0505)	Java	BUG REPOSITORY
	A.K. Phanidra(13C91A0530)		
XIII	V. Meenumol(13C91A0524)	Java	HOLY MARY APPLICATION

**Department of Mechanical Engineering:  
Student Projects:**

S.No.	BATCH NO.	NAME OF THE STUDENT	ROLL NUMBER	PROJECT TITLE
1	1	B.SRIKANTH	13C91A0318	Design and analysis of Automatic Pneumatic Bumper
2		B.UPENDRA NAIK	13C91A0311	
3		B.SOUNDITH	13C91A0312	
4		G.PRAVEEN	13C91A0339	
5		D.KARTHIK	13C91A0333	
6	2	ANJALLANA	14C91A0301	Solar power Agro system using the concept of energy conservation
7		D.AJITH	13C91A0332	
8		CH.CHANDRASEKAR	14C91A0302	
9		S.LINGAM	14C91A0309	
10	3	G.RAMBABU	13C91A0338	Design and fabrication of fertilizer spraying system
11		G.PRASANTH	13C91A0334	
12		A.BABU KUMAR	13C91A0309	
13		M.MANIKANTA SAI	13C91A0361	
14	4	M.U BHARBUYA	13C91A0372	Design & Fabrication of solar Air-Cooler
15		S.RAHAMAN	13C91A03A0	
16		S.ANSARI	13C91A0399	
17		ALZIZ CHOUDARY	13C91A0305	
18	5	S.MIDDYA	13C91A03A1	Design and fabrication of Hydroelectric generator
19		SK.MAUSUM ALI	13C91A03A4	
20		S.LASKAR	13C91A03A6	
21		S.SHAIKH	13C91A0394	
22	6	S.ALI KHAN	13C91A0393	Automatic Solar tracking and Panel positioning system
23		M.THANDER	13C91A0375	
24		SK.AJIM	13C91A0398	
25		SK.ABDUL WAHID	13C91A03A2	
26	7	D.VINAY	13C91A0328	Design and analysis of injection molding die for bottom cover of electrical meter body
27		S.ARUN KUMAR	13C91A0397	
28		SAIBHARATH	13C91A03A8	
29		ABU MD NUMAN	13C91A0303	
30	8	B.VENKATESHAM	13C91A0310	Experimental analysis of Connecting Rod using different materials
31		G.JALANDHAR REDDY	13C91A0341	
32		J.SAI KIRAN	13C91A0344	
33		BOINI MAHENDAR	13C91A0322	

S.No.	BATCH NO.	NAME OF THE STUDENT	ROLL NUMBER	PROJECT TITLE
34	9	K.RAKESH KUAMR	13C91A0353	Automated change over from staircase to Ramp
35		A.SATISH KUMAR	13C91A0308	
36		K.YASHWANTH REEDDY	13C91A0355	
37		T.JELIN	13C91A03A9	
38	10	K.ASIF CHISTY	13C91A0352	Design and fabrication of Rocker Bogie suspension system
39		G.SATRANANDA SHARMA	12C91A0337	
40		UDBA SK	13C91A03B1	
41	11	B.RAJESH KUMAR	13C91A0319	Enhancing COP of Air-conditioning system using R-1014
42		G.VISHNU VARDHAN	13C91A0337	
43		K.SANDEEP REDDY	13C91A0351	
44		CH.NAVEEN	13C91A0326	
45		D.SATISH REDDY	13C91A0330	
46	12	A.JAVED	13C91A0307	Design and fabrication of extrusion die setup
47		CHANDAN SARKAR	13C91A0325	
48		G.SHUKLA	13C91A0335	
49		ANAMUL	13C91A0306	
50	13	A.PRADEEP	13C91A0304	Modeling and structural analysis of V12 engine block using classical CATIA V50
51		D.CHAITANYA	13C91A0336	
52		B.VINAY KUMAR	13C91A0315	
53		K.RAJESH KUMAR	13C91A0349	
54		K.PRAVEEN	13C91A0348	
55	14	M.SHIVA RAMAKRISHNA	13C91A0362	Design and analysis of Bevel gear using classical CATIA
56		M.ELIJAHA	13C91A0377	
57		R.SRUJAN	13C91A0384	
58	15	MD SHAH IMAM	13C91A0370	Gearless power transmission
59		MD.IMRAN	13C91A0363	
60		MD.OKAS MIKRANI	13C91A0367	
61		MD.WASIM ALAM	13C91A0371	
62	16	JIAUL HOQUE	13C91A0345	Design and fabrication of manual operated street cleaner
63		CHANDAN KUMAR	13C91A0324	
64		BITUBAN DAS	13C91A0321	
65		MD.SHYEM ALI	13C91A0369	
66	17	SK ARAFAT	13C91A03A3	Design and fabrication of four way Hack-saw machine
67		ROSHN JAMSHA	13C91A0391	
68		MD.FOWZAM	13C91A0335	

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S.No.	BATCH NO.	NAME OF THE STUDENT	ROLL NUMBER	PROJECT TITLE
69		MD.ADIL	13C91A0374	
70	18	S.NITHIN	13C91A0395	Pedal operated water purification system
71		M.SAIKIRAN	13C91A0376	
72		R.RAJU	13C91A0383	
73		KORNELU	13C91A03B3	
74		CH NAGARAJU	13C91A0323	
75	19	B.VERANNA	13C91A0317	Design and fabrication of agricultural vehicle pesticide sprayer and plugging
76		B.SUNIL KUMAR	13C91A0316	
77		B.PRAKASH	13C91A0331	
78		K.SRIHARI REDDY	13C91A0354	
79	20	M.MOUNIKA	14C91A0307	Intelligent braking system
80		B.RAJINI	13C91A0314	
81		SK.KADAR	14C91A0311	
82		M.SRINIVAS	14C91A0305	
83	21	M.KRANTHI KUMAR	14C91A0304	Design and fabrication of room ventilator
84		M.VIJAY	14C91A0306	
85		S.YADAGIRI	14C91A0308	
86		R.JAMPARESH	14C91A0310	
87	22	V.MARTIN	13C91A0313	Design and fabrication of pick and place robot
88		K.RAJITHA	14C91A0303	
89		M.SWARAJ	13C91A0358	
90		R.HEMANDARGOUD	13C91A0385	
91	23	SASHANTH SHARMA	13C91A03B4	Generation of electric power using foot step pressing
92		POSHAN KUMAR	13C91A0390	
93		SOURAV KUMAR	13C91A0396	
94		MD.MANZAR ALI	13C91A0364	
95	24	MURAKONDA THARUN	13C91A0378	Design and fabrication materials handling Robot
96		ORSU PRAVEEN	13C91A0379	
97		RAHUL RANZAN	13C91A0386	
98		KANAKAM PRAVEEN	13C91A0350	

**3.1.6. Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students.**

**Dept of CSE:**

- One day workshop is conducted on “Big Data” on 22/09/2016 with resource person Dr. Akka Lakshmi, Professor, GITAM University, Hyderabad.
- A one week training program on “JAVA” is conducted from 26/09/2016 to 02/10/2016 with resource person Mr. Naveen.
- Training programme on “JAVA” is conducted from 15/12/2016 to 27/12/2016 by resource person Mallikarjune Prasad.
- A training programme “Software Development Funatica” is organized by the department from 26/09/2017 to 29/09/2016 by Jyothi.
- A workshop on “Cloud Computing” is conducted in association with Tolok-Microsoft from 19/12/2016 to 20/12/2016.

**Dept of ECE:**

- Guest Lecture on Handwriting analysis through image processing techniques in the year 2016-17
- Guest Lecture on Micro Electro Mechanical System (MEMS) in the year 2016-17
- Guest Lecture on Basic industry Requirements in the year 2016-17
- Seminar on Society Awareness (IT) in the year 2016-17
- Training program on Tower Maintenance Engineering in the year 2016-17
- Training Program on HFSS Tool in the year 2016-17
- Training Program on Scilab in the year 2016-17
- Training RPogram on MultiSim in the year 2016-17
- Awareness Program On GATE & PSUs in the year 2015-16
- Guest Lecture on Optical Transmission Engineering and Networks in the year 2015-16
- Guest Lecture on Basic Industry Requirements in the year 2015-16
- Awareness Program On Remote Sensing in the year 2015-16
- Guest Lecture on EMI Covers Display devices in the year 2015-16
- Guest Lecture on EMTL Covers Three dimensional coordinate systems in the year 2015-16

- Guest Lecture on DDV Covers Combinational synthesis in the year 2015-16
- Guest Topic on Digital communications covers Advancements in digital communications in the year 2015-16
- Guest Lecture on VLSI Covers MEMS and System Portioning in the year 2015-16
- Seminar on Continuity, differentiability of a complex function, Types of singularities and. Tree traversals in the year 2015-16
- Workshop on Signal processing in analog applications and power spectral density of noise in the year 2015-16
- Workshop on IC Applicains covers Precision OP-AMP , Rectifiers, clippers and clampers with OP-AMP in the year 2015-16
- Awareness on Foreign Studies in the year 2014-15
- Awareness on Higher Education in the year 2013-14
- Workshop on Android Applications Development association with Geek's Technologies, Bangalore in the academic year of 2013-2014.

**Dept of EEE:**

- Two Day Workshop On “Electrical Simulation Using Pspice And Matlab” in the academic year of 2016-17
- One Day Workshop on “Industrial Automation-PLC” in the academic year of 2016-17
- National conference NCEEET-2016 in the academic year of 2016-17
- Training programme on PLC-SCADA in the academic year of 2016-17
- Training on modern trends in maintenance of substation and transmission lines in the academic year of 2015-16
- Training on real time applications in electrical engineering in the academic year of 2015-16
- Industrial Training and field of Electrical Engineering in the academic year of 2014-15
- Two Day workshop on Android App Development in the academic year of 2013-14



**Dept of Mechanical:**

- An awareness programme on 3D printing has been conducted on 03.01.2017 & 04.01.2017
- A workshop on “Creo 3D” software was conducted during 16.02.2017 to 21.02.2017
- A Seminar on Advanced Robotics association with Dr. K. Sathish Babu, JNTUH in the academic year 2015-2016
- Paper presented by Cherbol Sanjeev Kumar at GRIET, Hyderabad in the academic year 2015-16.
- Faculty development programme on entrepreneurship development had been conducted during the academic year 2015-16.
- A workshop on management development on project management was conducted during the academic year 2014-2015.

**Dept of CIVIL:**

- Seminar on applications Of Geology In Civil Engineering” in the academic year 2016-17
- Workshop on Recent trends in CIVIL Engineering Constructions association with AU, GITAM Universities in the academic year of 2013-14
- National Seminar on environmental awareness association with AP Pollution Board & NGO in the academic year of 2013-2014
- Training program on Software applications in CIVIL Engineering in the academic year 2013-2014.

**Dept of H&S:**

- A Seminar on Nano technology and the Environment Applications and Implications association with AP Pollution Control Board, Hyderabad in the academic year 2013-2014.
- A Seminar on Research Methodologies association with Coastl Chemical Research Society, Visakhapatnam in the academic year 2013-14

**3.1.7. Provide details of prioritized research areas and the expertise available with the institution.**

All the departments are strengthened with qualified and experienced faculty. Based on the research specializations, research groups or individuals take up projects and publish papers in reputed journals. The research areas and the respective faculty expertise are given in the table below.

S.NO	Name of the Faculty	Department	Area of Specialization
1	Dr N Subhash Chandra	CSE	Image Processing
2	Dr. BMG. Prasad		Computer Networks
3	Dr. KM Rajashekaraiyah		Data Mining
4	Dr.CV Raghavendran		Computer Network
5	Dr. Srihari Kannan		Search Engines & Algorithms
6	Dr. Khalid Imam Rahmani		Image Processing
7	Dr C. R. K . Prasad	ECE	Embedded systems
8	Dr V. Vidya Devi		Digital Signal Processing and etworking
9	Dr. K. Venkata Murali Mohan		Instrumentation And Control Systems
10	Dr. T. GovindRaj	EEE	Special Electrical Machines
11	Dr. K.K. Dhawan		Power systems
12	Dr. R. Devasaran		Machines & Control systems
13	Dr. V.Karthikeyan		Power Electronics
14	Dr. Saravanan		Power Electronics
15	Dr. R. Jothimurugan	MEC	Electrical Discharge Machining
16	Dr. N.R. Swaminathan		Computational Fluid Dyanamics
17	Dr. E. Daniel Francis		Composite Materials
18	Dr. G. Thrisekhar Reddy		Cylindrical & Elliptical Textured Journal Bearnig
19	Dr. V. Suresh		Composite Materials
20	Dr. K. Suresh		Manufacturing
21	Dr. Manvendra Singh Chauhan	CIV	Water Resource Engineering
22	Dr. R. Julius		Water Resource Engineering
23	Dr. Siva Rama Krishna		Geotechnical Engineering
24	Dr. K. Madhavarao	MBA	Commerce & Business Management
25	Dr. B. Amaranatha Reddy		Quality of Work Life in select Cement Companies
26	Dr. D. Sucharitha		Human Resource Management

A majority of the faculty members are interested to carryout research in the emerging areas like, digital image processing, composite materials, network security, cloud computing, mobile computing, environmental engineering etc,. The institution is encouraging faculty members to undertake individual research projects at the institution. The institution has set a side of an amount of one lakh rupees as seed money to carryout research in the department.

**3.1.8 Enumerate the efforts of the institution in attracting researchers of Eminence to visit the campus and interact with teachers and students?**

- The college organizes guest lectures by researchers from all over the country and outside from time to time providing travel and hospitality.
- Invites people who are on sabbatical leave from foreign universities to spend some time in the campus and interact with the faculty.
- Invites superannuated professors with good research background to guide faculty in research.
- Conducting national and international conferences and work-shops on emerging areas of relevance to expose the faculty to the outside world and provide a platform for the outside researchers to visit the college.
- Faculty and students are made to visit research laboratories and industry to enable them to interact with the researchers. The following is list of eminent researchers who visited the Institute and interacted with faculty and students.

**Depart of ECE:**

ACADEMIC YEAR 2016-17				
S. No	Topic	Name	Date(s)	No of participants
1	Handwriting analysis through image processing techniques	Dr. Jammi Asok	31 <sup>st</sup> August 2016	120
2	Micro Electro Mechanical System (MEMS)	Prof. C Pamuleti,	27 <sup>th</sup> August 2016	60
3	Basic industry Requirements	Mr.B.Rajeshwar	20 <sup>th</sup> August 2016	100
4	Society Awarness (IT)	Mrs. Lalitha Kumari Guntupalli	17 <sup>th</sup> Sep 2016	110

ACADEMIC YEAR 2015-16				
S. No	Topic	Name	Date(s)	No of participants
1	Awareness Program On GATE & PSUs	Mr. Rohit Kolukuluri (Faculty, TIME Institute)	30/12/2015	60
2	Optical Transmission Engineering and Networks	Dr. G. Sada sivappa, Bangalore	08.01.2016	110
3	Guest Lecture of " Basic Industry Requirements"	Mr. B. Rajeswar, Manager, Imagination Technology, Bangalore	24-02-2016	120

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ACADEMIC YEAR 2015-16				
S. No	Topic	Name	Date(s)	No of participants
4	Awareness Program On Remote Sensing	Mr. M. Suryanarayana Retired SC/ Engr, NSRC,ISRO	29/01/2016	60
5	Guest Lecture on:EMI Covers Display devices	Mr.P.Vijay Paul,Assistant Professor	10/08/2015	60
6	Guest Lecture on: EMTL Covers Three dimensional coordinate systems	Prof.M.C.Raju,Professor	15/12/2015	90
7	Guest Lecture on: DDV Covers Combinational synthesis	Mr.H.Rama Chandra Rao, Assistant Professor	06/01/2016	90
8	Guest Topic on :Digital communications covers Advancements in digital communications	Mrs.G.Manaswini,Assistant Professor	28/12/2015	60
9	Guest Lecture on:VLSI Covers MEMS and System Partitioning	Prof.Pamuleti,Professor	08/02/2016	60
10	Seminar on: Continuity, differentiability of a complex function, Types of singularities and. Tree traversals.	Mrs.G.Sandya Rani,Assistant Professor	28/07/2015	90
11	Workshop on: Signal processing in analog applications and power spectral density of noise.	Mr.B.A.David,Project Manager	03/08/2015	85
12	Workshop on: IC Applicains covers Precision OP-AMP , Rectifiers, clippers and clampers with OP-AMP	Prof.T.Pitchaiah,Professor	15/07/2015	60

ACADEMIC YEAR 2014-15				
S. No	Topic	Name	Date(s)	No of participants
1	Awareness on Foreign Studies	Mr. M. Shanmukh, The Princeton Review	06-11-2014	110

ACADEMIC YEAR 2013-14				
S. No	Topic	Name	Date(s)	No of participants
1	Awareness on Higher Education	Mr. Sai Prasad, Director, Sai Medha Engg. Academy	Nov' 11 <sup>th</sup> 2013	120

**Dept of EEE:**

Sl.No.	Workshop. Seminar. Guest Lecture	Speaker details	No. of Students participated	Date
<b>Academic Year 2016-17</b>				
1	Orientation program	HITS college of Engineering	350	07.08.2016
2	Two Day Workshop On "Electrical Simulation Using Pspice And Matlab"	Sri.G. Srinivas, Rtd.Engineeer, NMDC, Hyd	120	22 <sup>nd</sup> & 23 <sup>rd</sup> August 2016
3	Seminar	Dr.K.Bhaskar,Professor,JNTUH	110	08 <sup>th</sup> Sep 2016
4	Seminar	Dr.B.P.Singh,Rtd.G.M,BHEL,Hyd	120	14 <sup>th</sup> Sep 2016
5	One Day Workshop on "Industrial Automation-PLC"	Sri.B.Mallikarjun,MD,MIKAS Pvt Ltd, Hyd	50	16 <sup>th</sup> Sep 2016
6	Guest lecture	Dr.P.Venkata Prasad,Professor,CBIT,Hyd	50	20 <sup>th</sup> Sep 2016
7	National conference NCEEET-2016	Dr.T .Govindaraj	50	28 <sup>th</sup> Sep 2016
8	Training programme on PLC-SCADA	Ms.Komal Shedge,Trainer,Pune	80	20 <sup>th</sup> -24 <sup>th</sup> March 2017

**A.Y.2015-16**

111	Training on modern trends in maintenance of substation and transmission lines	SRI. Y.TIRUPATI REDDY (ADE TRANSCO)	5050 120	01-10-2015
2	Training on real time applications in electrical engineering	SRI Y.TIRUPATI REDDY (ADE TRANSCO)	120	01-10-2015
3	Guest lecture on quicker Maths	ANIL NAIR	50	21/2/15

**A.Y. 2014-15**

1	Guest Lecture on "Power Electronics"	Dr. J.B.V. Subrahmanyam	50	20-02-2015
2	Industrial Training and field of Electrical Engineering	Mr. RAMESH	90	22-1-2015

**A.Y. 2013-14**

1	Two Day workshop on Android App Development	Shikar Dobby	50	8-3-2014 to 9-3-2014
2	Guest Lecture on Micro Electro Mechanical Systems (MEMS)	Prof.C.Pamuleti	80	12-2-2014

**Department of CSE:**

Sl.No.	Workshop. Seminar. Guest Lecture	Speaker details	No. of Students participated	Date
<b>Academic Year 2016-17</b>				
1	Seminar	Mr. Keerthivardhan Naidu Sunkura, ADP Pvt Ltd., Hyderabad	152	15/10/2016
2	Seminar	Mr. Arun Kumar Jonnalagadda, CSC, Hyderabad	143	21/01/2017
3	Seminar	Mr. P. Suryanarayana Raju, ADP Pvt Ltd., Hyderabad	149	18/02/2017

**3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?**

About 5 percent of the faculty members have utilized Sabbatical / Study / Academic leave for research activities. The college has a policy to depute faculty to pursue their Ph.D. through QIP at reputed Universities/IITs/ NITs enabling them to promote research culture in the campus.

Institution also helps teachers to complete their class work in five days and remaining one day along with Sunday may be used by the faculty to carryout research work. This incentive created by the management has encouraged other faculty members to associate themselves with senior research scholars or teachers to register for Ph.D. degree.

**3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/ advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)**

The college encourages students to do projects which are of industrial and social relevance and they are normally directed to refer to journals in identifying the projects of their interest. Wall magazines, where the articles related to latest advances in technology also helps in creating awareness about the latest findings. Live models are also prepared and exhibited in various events. The following are some interesting projects carried by our students which demonstrate their professional zeal in making the technology work for the land:

**Department of CSE :**

S.No	Name of the Student, Branch and Year	Title of the Project
1.	Meenumole CSE, 2016-17	Holy Mary Application – Mobile App

**Department of EEE :**

S.No	Name of the Student, Branch and Year	Title of the Project
1	N.Rakesh EEE 2012-13	Design and implementation of solar inverter
2	R.Saikrishna EEE 2013-14	Design and construction of inverter interface with cascaded solar panels
3	A.Reshmi EEE 2014-15	Boiler monitoring & control system
4	G.Sandeep EEE 2014-15	Ac motor speed control by triac
5	J.Uday EEE 2014-15	Industrial electrical appliances control
6	J.Narender EEE 2014-15	Dc motor speed & direction control
7	Ch.Vamsidhar EEE 2014-15	Substation monitoring & control system
8	L.V.M.Varun EEE 2014-15	Shopping malls security & power management system
9	J.Sinduja EEE 2014-15	Advanced automatic car parking system
10	M.Hatiram EEE 2015-16	Stepper motor control
11	B.Vineeth EEE 2015-16	Llc-type dual-bridge resonant converter: analysis, design, simulation
12	S.Saikaivalya EEE 2015-16	Three-phase buck–boost ac–dc converter
13	T.Priyanka EEE 2015-16	High step-up dc/dc converter based on integrating coupled inductor and Switched-capacitor techniques for renewable energy applications.
14	N.Bhavani EEE 2015-16	Adjustable-speed pfc bridgeless buck–boost converter-fed bldc motor drive
15	Ch.Chandramouli EEE 2015-16	Power quality improvement using repetitive controlled dynamic voltage restorer for Various faults
16	D.Akhil EEE 2015-16	Single-phase ac-ac converter for circuit breaker testing application
17	S.Sangeetha,EEE2016-17	Plc based automatic water level control
18	Md.Afroze EEE2016-17	Smart energy meters reading system
19	Kamal jyoti kalitha EEE2016-17	Fuzzy based step up resonant converter for grid connected renewable energy sources
20	Amith kumar EEE2016-17	Improving power quality of distribution grid using an integrated dvr-uc design

**Department of MECH :**

S. No.	Name of Student	Topic of the Project
1	Mr.Shenshnath (13C91A03B4)	Generation of electrical power using footstep pressing
2	Mr.Mohammad adil (13C91A0374)	Flat four way hacksaw blade
3	Mr.B.Sunil kumar (13C91A0316)	Design and fabrication of agriculture vehicle pesticide sprayer and ploughing
4	Mr.MD.Imran (13C91A0363)	Gearless transmission systems
5	Mr.Saicharan mouli (11C91A0382)	CNC operation of milling and turning
6	MR.Mithlesh patel (12C91A0361)	Experimental analysis of various composites
7	MR.T.Sravan (12C91A03A2)	Experimental analysis of various composites
8	Mr.Vinod kumar (11C91A03A4)	Steam turbine maintance
9	Mr.Sasi kumar (12C91A0396)	Effect of phosphorous addition on the tribological wear behavior of hyper eutectic AL-SI at elevated temparature
10	Mr.Sathvik (12C91A0319)	Hover bike
11	Mr.K.Praveen (13C91A0363)	Pick and place Robot

A PG students research group is established in the institution. This group delivers seminars and tutorials on the state of art in their related areas. The NSS unit is established in the institution which interacts with villagers and school children and makes them understand the use of purified drinking water, sanitation, clean environment etc. Our PG students have identified a school in our district and educate the school children on the latest topics on science and technology. During the technical fest nearby school children are brought to our institution and educate them in advances in technology and engineering.



### 3.2 Resource Mobilization for Research

#### 3.2.1. What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual Utilization.

- For the enhancement of research, Institution has provided very good library facility with good resources such as E-Journals, Print journals, Magazines and periodicals.
- Proposals from individual faculty and departments are sent to the management with detailed research planning during every year for allocation budget towards R&D.
- Fully equipped Laboratories have been established.

The year wise allocation of budget for Research along with details of major heads of expenditure, financial allocation and actual utilization during the last four years are as follows.

Year	Total college budget(In Rupees)	Total budget allocated for research (In Rupees)	Utilisation (In Rupees)	Details
2016-17	200000.00	200000.00	----	R & D (Equipment, Furniture)
2015-16	900000.00	900000.00	676327.00	Workshops, Seminars, Conferences & Travel
2014-15	800000.00	800000.00	982470.00	R & D (Equipment, Furniture)
2013-14	120000.00	120000.00	96750.00	Workshops, Seminars, Conferences & Travel

The institution being fairly young, budget allocation for research during the last three years is not much. However, a modest beginning is made in the budget allocation for establishment of R&D in departments.

#### 3.2.2. Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

**Yes.** Institution provides seed money of Rs.1 lac to the researchers working in the institution towards purchase of equipments, contingency, travel grant, publication of papers etc. The seed money is given for faculty as well as students research projects. Few of the teachers have availed this facility so far.

Incentives are also provided to the faculty for publications in National and International Journals. Institution provides seed money for research activities like Workshops/Seminars/ Symposia. Institution bears all the expenditure including boarding, lodging and travelling expenses of the expert members in such activities.

Provision is made in budget for allocation of seed money for research to each department as shown below:

S. No.	Department	2016-17	2015-16	2014-15	2013-14
1.	CSE	50,000	150,000	150,000	250,000
2.	ECE	50,000	150,000	150,000	150,000
3.	EEE	50,000	150,000	150,000	150,000
4.	Mechanical	50,000	150,000	150,000	150,000
5.	Civil	50,000	150,000	150,000	150,000

**3.2.3 What are the financial provisions made available to support student research projects by students?**

For the student research projects, funds under research and development (provided for the college budget) will be allocated if any innovative project / model is prepared by the students under student centric activities. TA and DA are paid to the students for their presentations of papers at prestigious institutes like IITs and NITs and for publication of research articles in National and International journals.

**3.2.4 How does the various departments/units/staff of the institute interact in Undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.**

Research and Development cell is composed of Engineering and Science & Humanity faculty. Many interdisciplinary research activities are carried out by our faculty members of Engineering and Science & Humanities. The Director (R & D) organizes meetings with various departments and facilitate interaction between different departments for inter-disciplinary research. The college is striving hard to promote interdisciplinary research:

- Between/among different departments of the College.
- Collaboration with national/international institutes /industries.
- By involving faculty and students in the sponsored projects from different national agencies.
- By inviting experts from outside the country for a short stay in the college for utilizing their guidance.

Some of the research works that are interdisciplinary are in the areas of:

- Applications of in computing in electronics, mechanical engineering.

- Deployment and operations of solar power systems in EEE.
- One major area of interdisciplinary identified by the research committee is mobile computing wherein the faculty from electronics, and computer science are involved.

**3.2.5 How does the institution ensure optimal use of various equipment? And research facilities of the institution by its staff and students?**

The college opens few extra hours beyond the working hours. Almost all faculty stay once or twice in a week as s/he wishes, during these extra hours for research work or to help the students in their academic research activities. Transport is provided for those who stay beyond college hours and all facilities will be available during this period.

All equipments existing in the labs are periodically calibrated and made available both to faculty members and students. Similarly all available equipments are well accessible to students for their practical purpose. In our college, the lab and other research facilities are left open for both students and faculty members beyond official working time and also during vacation period. The campus is connected with full fledged LAN facility with workstations in every department. The faculty and students can avail various e-journals through library.

**3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If ‘yes’ give details.**

**Yes.** The Institution has received grants from the industry and also from Government bodies for research activities as detailed below. Sponsored research Projects from are being executed and funds are provided for modernization of the establishment of research laboratory facility and for research work in Technology areas.

S #	Funding Agency	Funding amount (In Lakhs)	A.Y.	Duration
1	LEADS Technologies	2.4	2015-16	02 Years
2	Sri Rama Krishna Bus Service & Tourist Travels	3	2015-16	03 Years
3	Sri Rama Krishna Bus Service & Tourist Travels	3.5	2015-16	02 Years
4	AP Antenna Products	2.75	2014-15	02 Years
5	Pyramid Education & Training Solutions	3	2014-15	02 Years
6	Orange Research Labs	2.65	2014-15	03 Years
7	Orange Research Labs	2	2014-15	02 Years
8	SRS Technologies	1.5	2013-14	01 Year
9	SAK Informatics	1.25	2013-14	02 Years

**Department of MECH :**

S. No.	Name of the Faculty	Department /Designation	Title of the Research Project/ Consultancy	Sponsoring Organization	Value in Rs.	Expected Date of Completion
1.	1.Dr. R. Jothimurugan, 2. Mr. Gangappa Pattan, 3. Anand Kamble,	Professor Assistant Professor Assistant Professor	Solar Pole Design	Sai Marketing	2,80,000	24.07.2017
2	1. Dr. Madhu Sudan Reddy, 2. Jeeven Kumar,	Professor Professor	Content Development and Delivery	Pyramid Education and Training Solution	3,00,000/-	08.07.2016
3	Dr. Madhu Sudan Reddy, 2 Mr. K Bhavenarayana, 3 Mr. P. Suresh,	Professor Assistant Professor Assistant Professor	Sofa Plastic Legs	MMK Usha Technologies	1,20,000/-	19.07.2016
4	1.Mr. K. Banu Prakash, 2.Mr. B. Malsoor, 3.Mallesherakal,	Associate Professor Assistant Professor Assistant Professor	Adjustable legs	Mohali Techniques	1,74,000/-	19.07.2016
5	1. Dr. Daniel Francis, 2. Mr. Sangamesh Herakal,	Professor Assistant Professor	Design and development of Wooden Stand	Yousufain Enterprises	4,00,000/-	25.08.2017
6	Dr. Jeeven Kumar,	Professor	Pneumatic riveting machine	AMAFHH	2,80,000	16.07.2017
7	1. Dr. N.R Swaminathan, 2. S. Jayakrishna, 3. Mr. Sangamesh Herakkal,	Professor AsP Assistant Professor	Design and analysis of Hydraulic press	SRK travels	6,00,000	05.06.2017

**Department of EEE :**

S. No.	Name of the Faculty	Department /Designation	Title of the Research Project/ Consultancy	Sponsoring Organization	Value in Rs.	Expected Date of Completion
1.	Dr.R.V.Amar nath	EEE,Professor	Integration Of Wind Power & Wave Power Generation,	ORANGE RESEARCH LABS	1.10LA CS	Completed
2.	Dr.R.V.Amar nath	EEE,Professor	Fuzzy Based H-Bridge Multilevel Pv Inverter Woth Distributed Mppt For Grid Connected Applications,	SAK INFORMATICS	2.25LA CS	Ongoing
3.	V.K.R.Moha nRao	EEE,Associate Professor	Automation Of Electrical Appliances,	ORANGE RESEARCH LABS	3.90LA CS	Ongoing

S. No.	Name of the Faculty	Department /Designation	Title of the Research Project/ Consultancy	Sponsoring Organization	Value in Rs.	Expected Date of Completion
4.	S.Radha Krishna Reddy	EEE,Associate Professor	Panel Board Design & Cable Design,	SSR ELECTROMECHANICAL	2.50LACS	Completed
5.	P.Shankar Babu	EEE,Associate Professor	Content Development	PYRAMID SOLUTIONS	3LACS	Completed
6.	V.K.R.Mohan Rao	EEE,Associate Professor	Substation Design & Erection,	YMR ELECTRICALS	3.75LACS	Completed
7.	V.K.R.Mohan Rao	EEE,Associate Professor	Content Development	, SRS TECHNOLOGIES	4LACS	Ongoing
8.	C.Somasankarappa	EEE,Associate Professor	Solar Panel Testing	MOHALI ENTERPRISE	3.90LACS	Ongoing

**3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.**

The institution encourages faculty to apply for external funding from funding agencies. The institution provides all secretarial assistance, photocopying facilities etc., for the preparation of the project proposals. Further in case of funding agency requires the chief investigator to make the presentation of the project proposal and give clarifications, the necessary travel and other expenses in that regard are provided by the institute.

The details of funds received under various categories by different government/ private agencies under various schemes of the ongoing projects are:

S. No	Funding Agency	Title of the Project	A.Y.	Duration	Status
1	LEADS Technologies	Image Based Biometric Authentication	2015-16	02 Years	Ongoing
2	Sri Rama Krishna Bus Service & Tourist Travels	Speed Checker for Bus	2015-16	03 Years	Ongoing
3	Sri Rama Krishna Bus Service & Tourist Travels	Automatic Wheel Chair	2015-16	02 Years	Ongoing
4	AP Antenna Products	Design of Antenna Jammer	2014-15	02 Years	Completed

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S. No	Funding Agency	Title of the Project	A.Y.	Duration	Status
5	Pyramid Education & Training Solutions	Content Development	2014-15	02 Years	Completed
6	Orange Research Labs	Enhanced Architecture for High Performance BIST TPG	2014-15	03 Years	Ongoing
7	Orange Research Labs	Efficient Coding Schemes for Fault Tolerant Parallel Filters	2014-15	02 Years	Completed
8	SRS Technologies	IOT Based HOME Automation System	2013-14	01 Year	Completed
9	SAK Informatics	Secured Text Transmission Using Video Cryptography	2013-14	02 Years	Completed

**Department of EEE :**

S. No.	Name of the Faculty	Department /Designation	Title of the Research Project/ Consultancy	Sponsoring Organization	Value in Rs.	Status/ Expected Date of Completion
1.	Dr.R.V.Amarnath	EEE,Professor	Integration Of Wind Power & Wave Power Generation,	ORANGE RESEARCH LABS	1.10LACS	Completed
2.	Dr.R.V.Amarnath	EEE,Professor	Fuzzy Based H-Bridge Multilevel Pv Inverter Woth Distributed Mppt For Grid Connected Applications,	SAK INFORMATICS	2.25LACS	Ongoing
3.	V.K.R.MohanRao	EEE,Associate Professor	Automation Of Electrical Appliances,	ORANGE RESEARCH LABS	3.90LACS	Ongoing
4.	S.Radha Krishna Reddy	EEE,Associate Professor	Panel Board Design & Cable Design,	SSR ELECTROMECH	2.50LACS	Completed
5.	P.Shankar Babu	EEE,Associate Professor	Content Development	PYRAMID SOLUTIONS	3LACS	Completed
6.	V.K.R.MohanRao	EEE,Associate Professor	Substation Design & Erection,	YMR ELECTRICALS	3.75LACS	Completed
7.	V.K.R.MohanRao	EEE,Associate Professor	Content Development	, SRS TECHNOLOGIES	4LACS	Ongoing
8.	C.Somasankarappa	EEE,Associate Professor	Solar Panel Testing	MOHALI ENTERPRISE	3.90LACS	Ongoing

**Department of CSE :**

S. No.	Name of the Faculty	Department /Designation	Title of the Research Project/ Consultancy	Sponsoring Organization	Value in Rs.	Status/ Expected Date of Completion
1.	Mr. B. Devender	CSE / Assoc. Professor	Design, Development & Maintenance	Startup Carnival	3,00,000/-	31/05/2018
2.	Dr. B.R.S. Reddy	CSE / Professor	Content Development & Delivery	Pyramid Education & Training Solutions	3,00,000/-	Completed
3.	Mr. K.V. Ramu	CSE / Asst. Professor	Design & Development of Project in Data Mining	Decode-R	1,00,000/-	Completed
4.	Mr. B. Devender	CSE / Assoc. Professor	Content Development & Delivery	SAK Informatics	4,00,000/-	16/07/2018
5.	Dr. G. Charles Babu	CSE / Professor	Design & Development	Vanaja Diagnostic Centre	1,20,000/-	Completed
6.	Dr. N. Subash Chandra	CSE / Professor	Hotel Management System	Code Kindle Pvt. Ltd.	1,75,000/-	Completed
7.	Dr. B.R.S. Reddy	CSE / Professor	Travel Package System	Sri Rama Krishna Bus Service & Tourist Travels	3,75,000/-	Completed
8.	Dr. Md. Khalid Imam Rehman	CSE / Professor	Smart Tracker	Code Kindle Pvt. Ltd.	4,00,000/-	20/07/2018

**Department of MECH :**

S. No.	Name of Research Coordinator and Designation	Consultancy work	Name of the Industry	Duration	Revenue generated	Remarks
1	1. Dr. R. Jothimurugan, Professor	Solar Pole Design	Sai Marketing	02 years 25-07-2015	2,80,000/-	Ongoing
	2. Mr. Gangappa Pattan, Assistant Professor					
	3. Anand Kamble, Assistant Professor					
2	1. Dr. Madhu Sudan Reddy, Professor	Content Development and Delivery	Pyramid Education and Training Solution	02 years 08-07-2014	3,00,000/-	Completed
	2. Jeeven Kumar, Professor					

3	Dr. Madhu Sudan Reddy, Professor	Sofa Plastic Legs	MMK Usha Technologies	01 year 20-07-2013	1,20,000/-	Completed
	2 Mr. K Bhavenarayana, Assistant Professor					
	3 Mr. P. Suresh, Assistant Professor					
4	1.Mr. K. Banu Prakash,	Adjustable legs	Mohali Techniques	02 year 20-07-2014	1,74,000/-	Completed
	2.Mr. B. Malsoor, Assistant Professor					
	3.Mallesh Jaknur, Assistant Professor					
5	1. Dr. Daniel Francis, Professor	Design and development of Wooden Stand	Yousufain Enterprises	02 Years 27-08-2015	4,00,000/-	On going
	2. Mr. Sangamesh Herakal, Assistant Professor					
6	Dr. Jeeven Kumar, Professor	Pneumatic riveting machine	AMAFHH	03 Years 18-06-2014	2,80,000	On going
7	Dr. N.R Swaminathan, Professor	Design and analysis of Hydraulic press	SRK travels	03 Years 06-06-2014	6,00,000	On going
	S. Jayakrishna, AsP					
	Mr. Sangamesh Herakkal, Assistant Professor					

### 3.3 Research Facilities

#### 3.3.1 What are the research facilities available to the students and research scholars within the campus?

- The research and development cell guides various research activities in the Institution
- High bandwidth internet connectivity and Wi-Fi facility is made available for the students and faculty
- The library provides access to E-journals, printed journals, reference material and thus supports the research work of students and faculty. Institution has subscription to IEEE journals.
- Computing centre and labs of the Institution are made available beyond working hours
- Institution has established research labs which are availed by the faculty and students.
- Each Department has project lab for students. A server is dedicated to access research papers/magazines/e-books. This



access is available for all students/faculty/staff at any time during working hours.

- Besides the above common facilities, Project laboratories and special / advanced equipment laboratories with appropriate software of individual departments helps the research activities to a greater extent. The major research setups are tabulated below.

S. No.	Facilities available(Software/Hardware/Tools Available)	Application /Number of Users
1.	DSP and Microcontroller Computing systems	Real Time Computation
2.	MATLAB	General Computation/10users
3.	Digi Silent	Power System Design andSimulation
4.	TIG & MAG welding and CAD Lab with various CADsoftware	Simulation, testing andmodelling
5.	LPC with visualization	-
6.	Computer numeric control (CNC) MTX	-
7.	Cadence Virtuoso	10 users
8.	NI Multisim v12	15 users
9.	Spartan FPGA Kit	-
10.	NI Ultiboard B12	Single User
11.	XILINX ISE 10.1i	Multiuser
12.	Spectrum Analyzer	RF Analysis
13.	Digital Storage Oscilloscope	Signal Analysis
14.	Sprint PCB Layout Design Software	5 Users
15.	DB2 Database software from IBM	Unlimited
16.	RFT – Rational Functional Tester for software testing	Unlimited
17.	RQM – Rational Quality Manager for SW Quality Analsi	Unlimited
18.	IBM – Big-Insights Infospere for Big Data	Unlimited
19.	IBM-Cognos SW for Data Analatics	Unlimited
20.	RAD – IBM web application development tool for cloud environment	Unlimited
21.	Microsoft Ed-Vantage Platinum Campus	system software -100 Application software-100
22.	Microsoft Ed-Vantage Platinum Campus	MS Office -2015 users- 500

S. No.	Facilities available(Software/Hardware/Tools Available)	Application /Number of Users
23	ORACLE 11g	Unlimited
24	K-VAN Solutions S/W for English Communication Skills	Users-70
25	CATIA, Advanced Catia	Users-20
26		
27	PLC & SCADA for EEE	Users-10

**Department of EEE :**

S. No.	Facilities available(Software/Hardware/Tools Available)	Application /Number of Users
1	P-SPIICE Make:-ORCAD 16.6-2015LITE	General Computation/10users
2	MAT-LAB 8.3 R2015a	General Computation/10users
3	Digital Storage Oscilloscope	Signal Analysis
4	Microsoft Ed-Vantage Platinum Campus	System software -100 Application software-100
5	Microsoft Ed-Vantage Platinum Campus	MS Office -2015 users- 500

**Department of CIVIL :**

S. No.	Facilities available(Software/Hardware/Tools Available)	Application /Number of Users
1	VISSIM & VISSUM	25

**Department of MECH :**

S. No.	Facilities available(Software/Hardware/Tools Available)	Application /Number of Users
1	CAD – 15	30
2	ANSYS 15.0	30
3	Pro-E	30
4	CNC Lathe	1
5	Gas Welding Machine	1
6	Arc Welding Machine	1
7	Plasma cutting machine	1
8	Lathe machine	1
9	Wooden Lathe	1
10	Drilling machine	1
11	Milling machine	1
12	Slotting machine	1
13	Shaping machine	1

<b>S. No.</b>	<b>Facilities available(Software/Hardware/Tools Available)</b>	<b>Application /Number of Users</b>
14	Grinding machine	1
15	Power hack saw	1
16	Surface plate	1
17	Micrometer	1
18	Machine shop	1
19	Refrigeration test rig	1
20	VCR machine	1
21	Air compressor unit	1
22	4- stroke petrol engine	1
23	Venturi meter	1
24	Orifices meter	1
25	Kaplan Turbines	1
26	Francis turbine	1
27	Pelton wheel turbine	1
28	Furnace	1
29	Heat exchanger equipment	1
30	Thermal conductivity equipment	1
31	Transient heat conduction apparatus	1
32	Emissivity apparatus	1
33	Convection apparatus (Free, Force)	1
34	Universal Testing Machine	1
35	Impact testing machine	1
36	Torsion testing machine	1
37	Spring testing machine	1
38	Hardness testing machine	1
39	Microscope	1
40	Grinders and Polishers	1
41	Strain gauges	1
42	LVDT apparatus	1
43	Pressure gauges	1
44	Temperature measurements	1
45	Gyroscope	1
46	Universal vibrating machine	1
47	FFT analyser	1
48	Spectro-meter	1
49	Viscometers	1
50	Bomb Calorimeter	1
51	Junckers Calorimeter	1
52	Carbon residue test apparatus	1
53	Grease penetration test apparatus	1
54	Flash and fire point test apparatus	1

**3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?**

- Institute makes separate budget allocation every year to enhance the research facilities for procuring advanced equipment in laboratories and to enhance the R&D activities in the emerging areas.
- Encouragement given to faculty for applying to funding agencies like AICTE/UGC/DST/ CSIR etc., under various schemes like Research Promotion Scheme (RPS) mainly to establish research facilities.
- The institution encourages faculty and students to attend research programs, seminars, workshops and conferences conducted either in the institute or other institute. Institute provides registration fee conveyance, on duty leave for each program.
- Library is enriched with wide range of books and journals. Online journals are also accessible to researchers. High band width internet facility along with Wi-Fi connectivity is provided in the campus to the faculty and students to carryout research work.
- PG students are encouraged to undertake industry based problems for their dissertation work under the guidance of expert faculty.
- Faculty undertakes industrial consultancy and research assignments involving research work.

**3.3.3. Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments / facilities created during the last four years.**

No.

The Institution applied for grants more than 20Lakhs to AICTE under the various research promotion schemes. The Institution is made MOU's with many Institutions in India for developing the research promotional activities for the students and also the faculty community.

**3.3.4. What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?**

- The college has signed MOUs with industries and other agencies for promoting training, research and extension activities in technical education.
- Faculty members are encouraged to have discussion with the experts from academia and industries. The expenditure incurred for the interaction and utilization of the facilities in other laboratories is given by the institution.

- Institution encourages students and research scholars to visit different lab for research purpose by providing leaves and other facilities.

**3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?**

A central library and departmental library, are well stacked with books and journal on state of the art technologies and new frontiers of research. Books are regularly procured for the libraries and e-journals are subscribed periodically. A large collection of e-books are also available in our digital library. Ten high performance Personal computers with high speed internet access are provided in the Library. All department labs, Library and Internet are available for each researcher to carryout R & D. Central library is fully automated with bar code technology and well protected with CCTV security system.

The Details of Library & InformationCenter as on **01-05-2017**

TOTAL NO OF VOLUMES	:	48496
TOTAL NO OF TITLES	:	5839
TOTAL COSTIN(Rs-Ps)	:	1,20,22,564

- Advanced technical books available: 1437
- No of Technical Journals Subscribed
  - Delnet Online Journals: 840
  - Jgate Management Journals: 4538
  - Jgate Engineering Journals: 3525
- No of Total Technical Journals Subscribed (In Hard Copy):142
- No of Total Technical Journals Subscribed (In soft Copy):8903
- College is having DELNET facility through which can access e-books& E-journals.

College is having Digital Library

- No of Courses:38
- No of E-Books:450

Internet Facility is available for Library.

To strengthen subject fundamentals, NPTEL courses are also available in Library

**3.3.6. What are the collaborative research facilities developed/ created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.**

Efforts are being made to have collaborative research facilities in the college campus as per the curriculum of JNTU. The college has MOU with different industries and foresees to have a tie-up with research institutes for collaborative research in the near future.

**3.4. Research Publications and Awards**

**3.4.1. Highlight the major research achievements of the staff and students in terms of**

- Patents obtained and filed (process and product) - NIL
- Original research contributing to product improvement.
- Research studies or surveys benefiting the community or improving the services -Details given in 3.2.6
- Research inputs contributing to new initiatives and social development. Details given in 3.2.7

Other major research studies/ achievements of the staff and students

**Department of Civil :**

S #	Name of Staff	Research Topic
1.	DR .M.S. CHAUHAN PROFESSOR	Modelling of River Ganga at Varanasi bend and its application on erosion, sedimentation and river sinuosity.

**Department of MECH :**

S #	Name of Staff	Research Topic
1	Dr.E.D.Francis	Nano composites
2	Dr.N.R.Swaminathan	Fluid equipment design
3	Dr.R.Jothimurgan	Performance analysis of two electrodes & dielectric in EDM process
4	Dr.V.Suresh	Nano composites and simulation Advanced solar systems
5	Dr.K.Suresh	Comprehensive facts and analysis of foundry casting special reference to Indian major foundries
6	Mr.S.Jayakrishna	Performance indices of 8 UPS for parallel spatial manipulators
7	Mr.M.G.Suresh	Fiber reinforced composites
8	Mr.P.Senthil kumar	
9	Mr.M.Ramarao	Experimental analysis of gas field Biomass blends
10	Mrs.Vijayasree	Filament wound struts and beams by bending and crippling loads

**Students :**

**Department of Civil :**

Sr. No	NAME OF THE STUDENT	YEAR & BRANCH	ROLL NO	PROJECT
1	CH. SAKETH REDDY	IV & CIVIL	13C91A0107	Construction of bituminous bypass road for Aleru town on NH-163
2	G. SRUSHTY	IV & CIVIL	13C91A0130	Alignment mapping for major irrigation
3	SK. RASHEED PASHA	IV & CIVIL	13C91A01A5	UASB TECHNOLOGY FOR SEWAGE TREATMENT
4	L. NARESH	IV & CIVIL	13C91A0148	Redesign of storm water drains at NFC Hyderabad

**Department of CSE :**

Sr. No.	Name of Staff	Research Topic
1	Dr. N. Subash Chandra	Hybrid approach for image data compression
2	Dr. Rajasekharaiah K M	Predictive Modeling of Loan Sanctioning System based on Decision Tree Algorithm
3	Dr. B.M.G. Prasad	Adaptive Routing Protocols with Swarm Intelligence
4	Dr. Chaluvadi. V. Raghavendran	Study on Two node Tandem communication Network models with Feedback under Dynamic Bandwidth Allocation having Homogeneous and Non Homogeneous Poisson Arrivals
5	Mr. B. Devender	Cloud Security for PHR with Time Stamp sever over patient centric data in Multi Health Care domains

**Department of EEE :**

S. No.	Name of Staff	Research Topic
1	N.Rakesh (09C91A0218)EEE 2012-13	Design and implementation of solar inverter
2	R.Saikrishna (10C91A0246)EEE 2013-14	Design and construction of inverter interface with cascaded solar panels

**Department of MECH :**

S. No.	Name of Staff	Research Topic
1	Mr.Shenshnath (13C91A03B4)	Generation of electrical power using footstep Pressing
2	Mr.Mohammad adil (13C91A0374)	Flat four way hacksaw blade

S. No.	Name of Staff	Research Topic
3	Mr.B.Sunil kumar (13C91A0316)	Design and fabrication of agriculture vehicle pesticide sprayer and ploughing
4	Mr.MD.Imran (13C91A0363)	Gearless transmission systems
5	Mr.Saicharan mouli (11C91A0382)	CNC operation of milling and turning
6	MR.Mithlesh patel (12C91A0361)	Experimental analysis of various composites
7	MR.T.Sravan (12C91A03A2)	Experimental analysis of various composites
8	Mr.Vinod kumar (11C91A03A4)	Steam turbine maintenance
9	Mr.Sasi kumar (12C91A0396)	Effect of phosphorous addition on the tribological wear behavior of hyper eutectic AL-SI at elevated temperature
10	Mr.Sathvik (12C91A0319)	Hover bike
11	Mr.K.Praveen (13C91A0363)	Pick and place Robot

**3.4.2. Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?**

No.

**3.4.3. Give details of publications by the faculty and students:**

- Publication per faculty
- Number of papers published by faculty and students in peer reviewed journal (national / international)
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index



- SNIP
- SJR
- Impact factor
- H-index

The institute encourages faculty and students to publish research papers. The details of publication of research papers, text books, monographs, books edited or reviewed, Lab Manuals etc, are detailed below:

**SUMMARY OF PAPER PUBLICATIONS BY FACULTY**

Dept.	Journal Publications	International Conferences	National Conferences
<b>A.Y:2016-17</b>			
ME	1	1	2
ECE	15	-	-
H&BS	1	1	-
EEE	20	3	10
CE	6	2	2
<b>A.Y:2015-16</b>			
CSE	15		3
ECE	24	-	-
EEE	62	-	-
ME	10	0	01
MBA	2		
H&BS	1	1	-
<b>A.Y:2014-15</b>			
CSE	5	-	-
ECE	25	-	-
ME	02	-	-
EEE	41	-	1
H&BS	-	1	4
<b>A.Y:2013-14</b>			
ECE	21	-	-
EEE	30	-	-
ME	1	-	-
CIVIL	1	-	-
H&BS	1	2	1

**SUMMARY OF PAPER PUBLICATIONS BY STUDENTS**

Dept.	Journal Publications	International Conferences	National Conferences
<b>A.Y:2016-17</b>			
ES	07	-	-
VLSI	08	-	-
EEE	-	-	13
<b>A.Y:2015-16</b>			
ES	18	-	-
VLSI	18	-	-
<b>A.Y:2014-15</b>			
ES	18	-	-
<b>A.Y:2013-14</b>			
ES	18	-	-

More details are enclosed in department profiles

**3.4.4. Provide details (if any) of**

- \* **Research awards received by the faculty**
- \* **Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally**
- \* **incentives given to faculty for receiving state, national and international recognitions for research contributions.**

An incentive of Rs.5,000 is given by the institution to the faculty for presenting papers in national conferences and Rs.10,000 is given to faculty for presenting research papers in international conferences.

**Faculty serving on the editorial boards of journals/ magazines**

**Department of CSE:**

S. No.	Name of the Faculty	Department	Details
1	Dr. Rajasekharaiah K M	CSE	1. Editorial Board Member in International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) 2. Editorial Board Member/Reviewer to International Journal of Innovative Research in Computer Science & Technology (IJIRCST)
2	Dr. B.M.G. Prasad	CSE	1. Reviewer in International National Journal of Electronics & Computer Science (IJECS)

S. No.	Name of the Faculty	Department	Details
3	Dr. Chaluvadi. V. Raghavendran	CSE	1. Board Member in Seventh Sense Research Group Journals (SSRGJ) - International Journal of Computer & Organization Trends (IJCOT) and the ID is SSRGJ-IJCOT-13131. 2. Board Member in Seventh Sense Research Group Journals (SSRGJ) - International Journal of Computer Science and Engineering (IJCSE) and the ID is SSRGJ-IJCSE-1230. 3. Technical Advisor for all associated journals of Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd. (BEIESP). 4. Reviewer for International Journal of Advanced Computer Science and Applications (IJACSA) of thesai.org.

**Department of EEE :**

S. No.	Name of the Faculty	Department	Details
1	Dr.T.GovindaRaj	EEE	Editorial Board member in, International Journal of Computer and Electrical Engineering International Journal of Engineering and Technology International Organization of Scientific Research (IOSR) International Journal of Engineering Associates International Journal of Advanced and Innovative Research (IJAIR) Journal of Computing Technologies International Journal of Engineering and Advanced Technology (IJEAT) International Journal of Emerging Technology & Research International Journal of Engineering Mathematics & Computer Science BLUE EYES INTELLIGENCE ENGINEERING & SCIENCES PUBLICATION PVT. LTD. (BEI-ESP) INDIAN JOURNAL OF ELECTRICAL ENGINEERING (IJEE) International Journal of Advance Foundation and Research in Science and Engineering. (IJAFRSE) , Peer Reviewed And Quality Article Monthly Journal. ISSN 2349- 4794
2	S.Radha Krishna Reddy	EEE	Editor for Dept. News Letter

**Department of MECH :**

S. No.	Name of the Faculty	Department	Details
1	Dr.V.Suresh	Mechanical Engineering	<b>INTERNATIONAL JOURNAL OF ADVANCES IN ENGINEERING RESEARCH</b> e-ISSN:2231-5152, p-ISSN: 2454-1796; <b>INTERNATIONAL JOURNAL OF RESEARCH IN SCIENCE &amp; TECHNOLOGY</b> e-ISSN: 2249-0604, p-ISSN: 2454-180X; <b>INTERNATIONAL JOURNAL OF UNIVERSAL SCIENCE &amp; ENGINEERING</b> e-ISSN: 2454-759X, p-ISSN: 2454-7581;
2	Dr. E D Francis	Mechanical Engineering	<b>ENGINEERING, MEDICAL LIFE SCIENCES JOURNAL OF RESEARCH</b>

### **3.5. Consultancy**

#### **3.5.1. Give details of the systems and strategies for establishing institute-industry interface?**

The institution has evolved a system for establishing industry-institute interface through the following:

- Institute-Industry Interaction Cell of the college interacts with industry to ascertain their needs and to know if these needs are fulfilled by the curricula and the gap if any is filled by organizing add on and enrichment courses.
- The industry experts are invited to the institute to share their knowledge and industrial problems, if any, with the faculty and students. Once in semester, the faculty and students visit industries to obtain latest information from the industries.
- Placement cell of the institution also interact with industries to know their job requirement and the placement and training officer maintains liaison with corporate houses.
- Our college has good alumni base who are currently working with many reputed companies. This group keeps helping us in campus placements.
- An assessment is made periodically by the department to ensure the employability objectives of the department – which make sure to prepare the students on par with industry standards.
- The Industry-Institute Interaction Cell aids in the assessment of student related industry objectives of the department. The degree to which the objectives are attained is presented in meeting conducted by our college and the proper remedial action is taken in the event of any non accomplishment of set objectives.
- Institute-Industry Interaction Cell convene meeting with various Industries by inviting expert personals every semester to explore the possibility of making new technical collaboration
- IIC explores the possibility of our students to undergo in-plant training and to carry out their academic project work in such industries and also depute our faculty member to undergo industrial exposure during their vacation in reputed industries.
- Some of the important activities of III Cell are:
  1. Arranging guest lectures and FDPs by experts from industry.
  2. Arranging internships to students of both UG and PG for their project works
  3. Arranging campus recruitments.
  4. Facilitating faculty to spend in the industry of relevance to catch-up with the industrial needs and standards.
  5. Enhancing capabilities of faculty from different disciplines for possible consultancy activities.

6. Facilitating the participation of people from industry in various academic bodies of the college like Departmental Advisory Committee , College Academic Council.
7. Offering short refresher courses for people from industry.
8. Conducting advanced industry ready add-on courses outside the curriculum
9. Establishing centers of excellence with various industries
10. Facilitating the delivery of course contents in case of advanced electives offered by industry.

The following is the composition of industry-institute interaction cell.

S. No	Name	Designation	IIC Designation
1.	Mr. A Siddharth Reddy	Director	Chairman
2.	Dr N Subhash Chandra	Principal	Member-Secretary
3.	Mr V Krishna	Vice-Principal	Member
4.	Dr T Govindaraju	Director R & D	Member
5.	Mr C S N Srinivas	Technical Manager	Member
6.	Mr S Vamshidhar	Soft Skill Trainer	Member
7.	Mr S PavankumarReddy	Aptitude Trainer	Member
8.	Mr G V Kotireddy	T&P Coordinator	Member

Our college has exclusive agreement with companies like JKC, Globarena, Talent Sprint, etc for the placements. The institute keeps in touch with the passed out students of the college who are presently working in the companies. These students are also very helpful in arranging the visits of the companies for placements.

**3.5.2. What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?**

The Institute has a consultancy cell, which includes the experts of all the departments;

The institution encourages faculty to undertake consultancy work with the government agencies / industries to provide solution through sharing of expertise. The institution promotes this by:

- By reducing the academic and administrative workload of faculty while executing consultancy works.
- By sponsoring the faculty to attend important workshops and seminars arranged by the leading technology consultants in relevant fields.
- Offering monetary benefits to faculty involved in consultancy as per the college policy. Institution has a policy of sharing income generated through consultancy among the faculty and staff. Out of the total earning generated through consultancy 30% of the money goes to the faculty and staff involved in research, 35% money goes

the department and remain 35% goes to the institution towards facilities and maintenance.

- Institute periodically updates literature about the research activities and send to prospective companies highlighting the latest achievements including the facilities available with the department.
- Major areas of expertise are advertised through department homepage in the main college website and also through technical events/programmes, customized e-mails and public aware talks

The institute has entered into an MOU with Talent Sprint, Smart, Globarena, JKC, Orion edutech, TIMES for seeking their help in industry institute interaction to facilitate consultancy.

**3.5.3. How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?**

The college encourages faculty to utilize expertise for consultancy by:

- Providing suitable advertisement at various avenues
- Offering remuneration from the income generated.
- The institute encourages faculty to make use of internal resources namely laboratory, library, computation facility etc for experimentation and use software for solving and analyzing their consultancy projects.
- Providing infrastructural facilities to organize and conduct consultancy services.
- Industrial problems are always solicited to provide solution through expertise of faculty members. The students also get an opportunity to associate with professors in solving the industry problems.

**3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.**

The faculty have sufficient expertise in various fields like software engineering, material testing, structural engineering, thermal engineering, data mining, electronic control systems etc., and it is envisaged that this strength is transformed into good consultancy works. The institute provided consultancy for the following Projects:

**Consultancy Projects of Department of CSE :**

**Consultancy Project: 1**

S. No	Name of the Faculty	Project Name	Year
1	Prof. G.Charles Babu (Professor)	Design Develop & Maintenance	2013-14
2	Mr. B. Narasimha(Asst. Prof)		
3	Ms. S. Sowjanya(Asst. Prof)		
1	Prof. G. Charles Babu (Professor)		2014-15
2	Mr. B. Narasimha (Asst. Prof)		
3	Mr. L. Ravi Kumar(Asst. Prof)		

**Consultancy Project:2**

S. No	Name of the Faculty	Project Name	Year
1	Dr. B.R.S. Reddy (Professor)	Content Development	2013-14
2	Mr. B. Srikanth (Asst. Prof)		
3	Mr. A.L.K. Bilahari (Asst.Prof)		
1	Mr. V. Krishna(Professor)		2014-15
2	Mr. K. Krishna Reddy (Asst. Prof)		
3	Mr. N. Chander (Asst. Prof)		

**Consultancy Project:3**

S. No	Name of the Faculty	Project Name	Year
1	Mr.K.V.Ramu(Asst.Prof)	Project Development(3 <sup>rd</sup> Party Outsourcing)	2014-15
2	Mr.D.Rambabu(Asst.Prof)		
3	Mr.M.Raghavendra Rao(Asst.Prof)		

**Consultancy Project:4**

S. No	Name of the Faculty	Project Name	Year
1	Dr.BMG Prasad(Professor)	Develop, Execute& Promotion Design	2015-16
2	Mr.A.Gnanesh(Asst.Prof)		
3	Mr.Ch.Ravi Kumar(Asst.Prof)		
1	Dr.BMG Prasad(Professor)		2016-17
2	Ms.Ch.Hannah(Asst.Prof)		
3	Mr.A.Janardhana Rao(Asst.Prof)		

**Consultancy Project:5**

S. No	Name of the Faculty	Project Name	Year
1	Mr.B.Devender(Assoc.Professor)	Content Development (SAIK)	2015-16
2	Mr.K.Sagar(Asst.Prof)		
3	Mr.K.Srinivasa Rao(Asst.Prof)		
1	Mr.B.Devender(Assoc.Professor)		2016-17
2	Mr.Korra.Srinivas(Asst.Prof)		
3	Mr.N.Vimala(Asst.Prof)		

**Product developments**

**Product development: 1**

S. No	Name of the Faculty	S.No	Name of the Student	Project Name
1	Mrs. Manu Hazari (Asst. Prof)	1	Kumar Shanu	Website On IOS Platform
		2	V. Pavani	

**Product development: 2**

S. No	Name of the Faculty	S.No	Name of the Student	Project Name
1	Mr. Y. Rama Krishna (Assoc. Professor)	1	V. Meenu Mole	Game Modifications-1
		2	S. Sai Krishna	

**Product development: 3**

S. No	Name of the Faculty	S.No	Name of the Student	Project Name
1	Mr. G.V. Kotireddy (Asst. Prof)	1	D.Nikitha	Game Modifications-2
		2	D.Srikanth	

**Consultancy Projects of Department of ECE:**

1. Content Development	
Duration: 2Years (Completed)	
2013-14	2014-15
Mr. B Karunaiah	Mr. K Kanthi Kumar
Mr. K Kanthi Kumar	Mr. K Jail Singh
Mrs. K VaniSree	Mr. T V Krishna Moorthy
Mr. G Bhargav	Mrs. M Madhuvani
Mrs. M Haritha	Mr. D Jaya Kumar
Mr. D SubbaRao	Mrs. M Grace Priscilla
Mrs. Ch Rekha	



<b>2. IOT Based HOME Automation System</b>	
<b>Duration: 2 Years (Completed)</b>	
<b>2014-15</b>	<b>2015-16</b>
Mr. Y David Solomon Raju	Mr. B Karunaiah
Mr. R Prabhakar	Mr. N Venkata Vara Prasad
Mrs. D Padma Shri	Mr. GK Chaitanya
Mr. Ch Anand Kumar	Mr. K Santhosh
Mrs. M Haritha	Mr. Shaik Saidulu

<b>3. Design of Antenne Jammer</b>	
<b>Duration: 2 Years (Completed)</b>	
<b>2014-15</b>	<b>2015-16</b>
Prof. K V Murali Mohan	Mr. Y David Solomon Raju
Mr. B Karunaiah	Mr. D Jaya Kumar
Mrs. K Vani Sree	Mr. B Satyanarayana
Mr. Ch Anand Kumar	Mrs. N Sreelatha
Mrs. D Padma Shri	Ms. L Renita Devi

<b>4. Speed Checker for Bus</b>	
<b>Duration: 3 years (Ongoing)</b>	
<b>2015-16</b>	<b>2016-17</b>
Dr. C.R.K. Prasad	Dr. C.R.K. Prasad
Mr. K Venkata Ramana	Mr. N. Ravinder
Mr. Mohammad Elias	Ms. S. Suman
Mr. K Sandeep Kumar	Mr. K Sandeep Kumar
Ms. K Rajitha	Ms. G. Anitha

<b>5. Image Based Biometric Authentication</b>	
<b>Duration: 2 years (Ongoing)</b>	
<b>2015-16</b>	<b>2016-17</b>
Mr. Y David Solomon Raju	Mr. Y David Solomon Raju
Mr. E Sri Krishna	Mr. E Sri Krishna
Mrs. D Padma Shri	Mrs. D Padma Shri
Mrs. M Sandhya Rani	Mrs. M Sandhya Rani
Ms. L Renita Devi	Ms. L Renita Devi

**Consultancy Projects of Department of EEE:**

CONSULTANCY WORK - TOTAL 5					
S.NO	TITLE	COMPANY	YEAR	Sr.Faculty	Faculty
1	PANEL BOARD DESIGN & CABLE DESIGN	SSR ELECTROMECH	2013-2014	S.Radha Krishna Reddy	1.D.Sruthi 2.Ch.Kamal 3. O.Arun Kumar 4.G.Venu Gopal 5.A.Satish
2	CONTENT DEVELOPMENT	PYRAMID SOLUTIONS	2014-2015	P.Shankarbabu	1.K.Sujesh 2.P.V.S.Adithya 3. Pallavi.D.L 4. S.VenuMadhav 5.K.sujesh
3	SUBSTATION DESIGN & ERECTION	YMR ELECTRICALS	2014-2015	V.K.R.Mohan Rao	1.P.Venkata Ramanaiah 2.P.Lalitha Madhuri 3.N.Netaji Gandhi 4.V.Vijaya Bhaskar 5.S.Prashanth Reddy
4	CONTENT DEVELOPMENT	SRS TECHNOLOGIES	2015-2016	V.K.R.Mohan Rao	1.T.Santosh Kumar 2.T.Maria Kumar 3.I.Rahul 4.Y.Rambabu 5.G.Ravinder Reddy
5	SOLAR PANEL TESTING	MOHALI ENTERPRISE	2015-2016	C.Somasankarappa	1.V.Vijaya bhasker 2.V.Vishnu vardhan 3.Md.Iliyaz 4.G.Prashanth 5.K.Sailaja

**3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?**

Revenue generated out of consultancy is shared between the faculty involved and the department and the institute in the ratio of 30:35:35 respectively.

**3.6 Extension Activities and Institutional Social Responsibility (ISR)**

**3.6.1. How does the institution promote institution-neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?**

The college administration has identified the social responsibility as one of the major priorities to act upon which makes the students to learn good values and responsibilities required for good citizenship, service orientation and holistic development. This attitude has been reflected in making the community service as a mandatory programme

at undergraduate level to inculcate the sense of social responsibility and to provide a platform for self-learning and group learning mechanisms in future life.

- Institute involves the faculty and students in community work. Our students were involved in support for distribution of AADHAR cards, in association with Government agencies.
- The college has been regularly donating computers to various organizations to spread computer literacy among the underprivileged ones. Over 135 computers have been donated to various schools, colleges and organizations.
- The college has been generously contributing for the benefit of people suffering from natural calamities as well as for other noble causes. During the recent devastating Hudhud cyclone, the college provided substantial relief material in the form of food, clothes and blankets to the needy.
- In order to promote student linkages and involvement, a mentorship programme is conducted for difficult subjects. Under this programme, top notch students of the institute conduct lectures for weak students. This builds up a sentiment of selfless service and leadership skills within the student community at large. As an incentive, the college gives suitable cash reimbursements to such students.
- All departments within the institution have formed student societies both in technical and cultural domains which regularly conduct events across various institutions of R.R. District and T.S. Competitions based on certain extension activities are conducted and the winners are suitably awarded with certificates and cash. This provides a platform for students to compete with their counterparts.
- Students of Institute along with social organizations conduct health check-up camps for villagers. Institute has National Social Service (NSS) Unit, which organizes the community development programs in villages. Such camps help the students to understand the rural life, problems of villagers and suggest probable engineering solutions.
- Organizing Blood donation camps, tree plantation, helping the needy at places like orphanages, promoting adult literacy among rural public, lectures for farmers on Soil Testing, Water purification and Management, Health Care for child and women, Science & Technology for School Children: Simple lab Experiments are developed to teach basics of science for school children, are some of the activities undertaken by our students.

**3.6.2. What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?**

Institute has student counsellors through which the student involvements in various social activities are monitored.

Extra-curricular activities and value education provide avenues to students to become aware of the social environment, the social evils, citizen responsibility and individual contribution to make the society a better place to live.

The institute has NSS and students participate in various social activities.

The institute has motivated the students to maintain plastic free campus by banning the use of plastic in the campus through which students imbibe the qualities of social responsibility.

**3.6.3. How does the institution solicit stakeholder perception on the overall performance and quality of the institution?**

The college conducts parents meets and collects feedback from parents to know about academic performance and quality of their wards and to provide constructive suggestions to improve the overall performance and quality of their wards and quality of institution. The college takes exit feedback from recruiters during campus placement and utilizes them to hone up the skills of the students. The College Management takes decisions and policies keeping in view the perceptions of all stake holders and recommends to the Governing Body.

A registered Alumni association of the college has been established which provides feedback on college. They are also extending their activities by interacting with present students by delivering suggestions and advise on placement opportunities and what the industry expects from them and what are the skills required in the industry of their domain.

One student from each class is nominated as student representative. He/ She communicate student's requirements and problems to the respective teacher / faculty advisor / head of department / Principal. Suggestion / Complaint box is placed at various places on the campus which are accessible to students. Students have the freedom to approach the Principal during consulting hours without prior appointment.

**3.6.4. How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.**

Institute identifies the areas where the society and academic community need the extension and outreach programs. It also identifies the resource persons and faculty and plans the programs. The college with the help of many voluntary organizations and NGOs organizes the outreach programs. The institute has conducted several blood donation camps and tree plantations.

Budgetary details for extension and outreach programs are as follows:

S. No.	Dept	Name of the Program	Budget Amount in Rs Lakhs			
			2016-17	2015-16	2014-15	2013-14
1	CSE	U.G & P.G	175000	140000	140000	190000
2	ECE	U.G & P.G	550000	415000	290000	265000
3	EEE	U.G & P.G	295000	235000	135000	185000
4	MECH	U.G & P.G	420000	285000	185000	265000
5	CIVIL	U.G & P.G	275000	240000	110000	115000

**3.6.5. How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?**

The college has a dedicated unit of NSS established in 2012-13. The unit is actively conducting programmes and has won laurels in the field of extension activities. Institute promotes the students to participate in NSS and Social activities. Institute gives certificates to the students who participate in NSS programs. Institute rewards the best students of NSS. During induction program the NSS representatives appraise the students on the benefits and scope of the extension activities. The information about the proposed activities is disseminated on the notice board of the institution, circulars, web notifications and also briefing by the sections in charge.

**3.6.6. Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?**

Students are being motivated in this direction and they are bringing out special volumes containing surveys and research articles highlighting various problems of the poor and under privileged, under the guidance of NSS coordinator.

The institute has made a conscious effort to promote social justice as a value in learning process and administrative interactions. The institution sincerely practices state social affirmative schemes introduced by the government for the upliftment of higher education to under privileged communities. The college NSS unit makes survey of the educational, social, economical and psychological matters of the villages around the college. The NSS units actively organize welfare activities during every semester. The NSS trainee prepares the students morally and ethically strong enough to face challenges in day to day life.

**Some of the activities carried out under the NSS program as listed below:**

**Department of EEE :**

S. No.	Date(s)	Event Name	Conducted by	Venue
<b>2016-17</b>				
1	04-04-2017 to 09-04-2017	University level self defence and personality Development programme organised by JNTUH	JNTUH	Holymary Institute of Technology and Science, Bogaram
2	08-07-2016 and 11-07-2016	Harithaharam	HITS	Holymary Institute of Technology and Science, Bogaram
3	26-03-2017 to 31-03-2017	One Week University level NSS mega camp-2017	JNTUH	Sreyas engineering college,nagole
4	10-04-2017 to 15-04-2017	NSS State Level Adventure camp	JNTUH	Vignan's Group of Institutions
5	16-04-2017	NSS camp on BIO DIVERSITY	JNTUH	AMS college of Arts and Science, Osmania University
6	16-04-2017	State Youth Convention	JNTUH	Library block, Colege of Science, Osmania University.
7	22&23rd April 2017	NATIONALLEVELSKILL ENHANCEMENT PROGRAM	HITS	CV Corp services
<b>2015-16</b>				
1	10/11/15	SWACHH BHARAT	HITS	Holymary Institute of Technology and Science, Bogaram
2	22-08-15	BLOOD DONATION	HITS	Holymary Institute of Technology and Science, Bogaram

S. No.	Date(s)	Event Name	Conducted by	Venue
<b>2014-15</b>				
1	19/09/14	BLOOD DONATION	HITS	Holymary Institute of Technology and Science, Bogaram
<b>2013-14</b>				
1	19/06/14	PLANTATION OF TREES	HITS	Holymary Institute of Technology and Science, Bogaram

**Department of MECH :**

S. No.	Date(s)	Event Name	Conducted by	Venue
<b>2016-17</b>				
1	25-03-2017	Soft skills development Program	NSS Unit HITS	HITS
2	04 – 09 April 2017	University Level Self Defense and PD Camp	JNTUH	HITS
3	01-05-2017	National Seminar on Role of NSS on promoting Indian Heritage & Culture	Osmania University	HITS
4	26-31 March 2017	University Level NSS Mega Camp	JNTUH	Sreyas
5	10-15 April 2017	University Level Adventure Camp	JNTUH	Vignan College, Deshmukhi
6	14-04-2017	Awareness on Reservations for Engineering Students	JNTUH	JNTUH
7	16-04-2017	Seminar on “Sustainable Growth of Personality”	Osmania University	Science College, OU
8	18-19 April 2017	Nature Training Program	Osmania University	Prof. Jaya Shankar TS State Agriculture University
9	21-04-2017	Seminar on “Biodiversity”	Osmania University	Arts & Science College, OU
10	22-23 April 2017	Skill enhancement (Life after B.Tech)	Osmania University	CV Corporate Services, KPHB
<b>2015-16</b>				
11	10-11-2015	SWATCHH BHARAT ABHIYAN	HITS	HITS
12	22-08-2015	Blood Donation Camp	HITS	HITS
<b>2014-15</b>				
13	05-11-2014	SWATCHH BHARAT ABHIYAN	HITS	HITS
14	19-09-2014	Blood Donation Camp	HITS	HITS
<b>2013-14</b>				
15	22-08-2013	Blood Donation Camp	HITS	HITS

**3.6.7. Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.**

**Objectives:**

Extension activities conducted by the institute always imbibe academic learning experience, values and skills not only in students but faculty too. These activities refresh the environment of the institute as well. The major strength of this college is its ability to ensure holistic development of students to make them enlightened citizens. The college is established to provide knowledge and quality education to all sections of society. It aims to maintain modern outlook with contemporary developments without compromising moral values. To provide knowledge and quality based education to the students by inculcating moral values, scientific temper and employing state of the art technologies. It aims to pursue excellence towards creating manpower with high degree of intellectual, professional and cultural development to meet the national and global challenges.

**Outcome:**

The outcome of the extension activities help to develop the overall personality of the students. These activities also help the students for better placements in companies. Such an activities carried out by an institution makes the students to understand real life problems and face them. The extension activities expose the students to rural life and possible application technology makes the life of rural people comfortable. The extension activity motivates the students to pursue higher studies and makes them useful to the society. The students who are part of this process have been spreading awareness and motivating other students also to look into the social upliftment of weaker section society.

Extension activities complement students academic learning process and inculcate the basic values and skills. The NSS programs give value to the students in building of leadership qualities spreading health and hygiene, national integration, social service, ecology and environmental protection, etc. Extension activities also help inculcating personal values like:

- Social responsibility
- Ethics and values
- Human values
- Societal behaviour
- Communication with community
- Team work
- Learning transfers



**3.6.8. How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?**

Faculty and students of the Institution visit nearby villages and enquire the problems faced by them. The community stake holders and village gram panchayat people are invited for community program and their difficulties and suggestions are noted. The local villagers are initially consulted and the youth of the villagers are made to involve in all the NSS activities. The institution organizes the development program in villages in association the non-government organizations and NSS organization of the Institution.

The institution has taken initiative to make aware of the society about the social and health problems like, female foeticide, dowry system, environmental protection, consumer protection, anti-corruption, HIV awareness, anti-tobacco and alcohol, cleanliness awareness, etc. Time to time survey is conducted and feedback is obtained from the villagers and improvements are made in the planning and execution in the subsequent visits. Seminars are conducted by the faculty and the students in the villages to solve some of the problems mentioned above. Extensive support from the students are witnessed during tree plantation, blood donation etc. the alumni association is also involved in all these extension activities.

**3.6.9. Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.**

The institution has constructive relationships with other institutions of the locality. The blood donation camps & eye camps are organized with the help of reputed hospitals like Govt. Hospitals, Rotary Club, Red-cross, Chiranjeevi Blood Bank, etc. The NSS coordinates all its activities under the norms of the University. The unit organizes tree plantation, village cleanliness, awareness activities like, environment pollution, and effects of pesticides on human life with the help of NGOs.

**3.6.10. Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.**

The Institution received appreciation from the Red Cross Society and reputed local hospitals for organizing blood donation camp. The Institution also received appreciation from village panchayats for educating their rural people in terms of health care, hygiene, etc.

### 3.7. Collaboration

**3.7.1. How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.**

- Collaboration with industries and external research laboratories results in student industrial visits, summer internships and student projects.
- Collaboration with Tata, IBM, Microsoft, Oracle, Intel, SAP Labs, and other industries helps in conducting placement training programmes, personality development and other soft skills.
- Deputing faculty members for exposure to industrial practices
- In plant training and industrial visits for students
- Guest lectures by industry experts on state of art technologies

**3.7.2. Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/ Corporate (Corporate entities) etc. and how they have contributed to the development of the institution entities) etc.**

The Institution has signed MoUs with many Universities, Industries and reputed organizations to conduct activities like training, placement, development of training facilities, internship for students, guest lectures, participation in technical / scientific events and services.

The institution has signed MoUs with the following companies:

S. No.	Name of the Organization	Date of MoU	Purpose of MoU
1.	Globarena Technologies, Hyderabad.	18/06/2010	To impart Language and Training
2.	CISCO Certification Program.	22/7/2011	To Train CSE Students
3.	Microsoft Innovation Centre.	2/08/2013	To Train all Students
4.	FICE	10/08/2015	To Train ECE & EEE Students

#### Department of CSE :

S. No.	Name of the Organization	Date of MoU	Purpose of MoU
1	Oracle	01/07/2015	Workforce Development Programme

**Department of EEE :**

S. No.	Name of the Organization	Date of MoU	Purpose of MoU
1	Matru Technologies	28/04/2014	Technical support
2	Orange Research Labs	26/08/2013	R&D Work
3	SAK Informatics	31/01/2014	R&D Work
4	ARK Solutions	07/11/2016	Skill Enhancement

**Department of MECH :**

S. No.	Name of the Organization	Date of MoU	Purpose of MoU
1	Autodesk	18.04.2013	Industry-internship to the students Offer training to the students on latest software To carry out real time projects with latest technologies
2	EDS Technologies	30.10.2015	Industry-internship to the students Industrial visit to the students To carry out real time projects to fulfill curriculum needs. Getting placements
3	CIPET	03.03.2016	Industry-internship to the students Industrial visit to the students To carry out real time projects to fulfill curriculum needs. Getting placements To acquire the entrepreneurial skills

**3.7.3. Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.**

Industry-Institute Community interactions by inviting scientists and industrialists to deliver guest lectures and to organize workshops and seminars helped the institution in many ways.

- Faculty and students are trained to meet the technological needs of industry and society.
- Awareness on importance of collaborative research projects and live projects for students is created by inviting eminent scientists and industrial personnel.
- Both faculty and students are benefited by organizing Industry oriented workshops /seminars where in they gain hands-on experience and industrial exposure.

**ORANGE Research Labs:**

- Orange Research Labs is a research firm based out of Hyderabad and established with a vision to promote the engineering process of creating, sharing, developing, integrating and applying the fields of Electro-Information technologies for the beneficiary of communities around us. Orange Research Labs is initiated by the engineers of India to explore the cutting-edge technologies in the field of Robotics and Embedded Systems. Our main research streams are Robotics, Embedded Systems, and Artificial Intelligence. Our services include Workshops and Projects on cutting-edge technologies and started training the students and there by promoting the engineering process.

**Sak Informatics:**

- Sak Informatics was established in 2012 year for Course Designing, Training, and placement guidance. Based at Hyderabad, we offer high application oriented training. Sak Informatics providers Training and Projects in Embedded systems, Power systems, Power Electronics, Electronic Drivers, Machines, DSP/DIP, VLSI, Data warehousing, .Net, C#, Java/J2EE and Linux as well as develops its own range of quality Embedded products.
- Sak Informatics has successfully powered itself in training thousands of students and professionals. The teaching philosophy deployed strives to create in-depth knowledge about the subject at hand. We believe that depth is an essential ingredient to achieve heights in training and development. Students from Sak Informatics have proved the point by their work in the fast paced industry world.

**ARK Solutions:**

- Founded in 2003, ARK Solutions, Inc. has offices in USA and India with its Headquarters located at Reston, VA.
- We maintain the largest, most comprehensive index of SAP Consultants and we make this information available to our **clients**. Our automated search technology helps people obtain nearly instant access to relevant consulting needs both full time and contract. We generate new clients primarily by delivering relevant, cost-effective services. Our first obligation is to our clients. We care how they perform over the long term; their success is our success. We treat each client's business as our own. Our commitment to our clients' success is why we have retained every one of our top 50% clients since we joined them, and 97 percent of our top 100 clients elect to work with us again. Our get-it-done culture sets us apart and helps us empower our clients. We aid clients in accessing the right information to enhance knowledge.

- Our professionals are some of the finest in SAP consulting and systems integration. Our goal is not only to keep them, but also to challenge them regularly. Through our dynamic and growing business, we create a vibrant environment for our people. They have the opportunities to learn, achieve, and advance in their respective fields. We believe providing the right team is as important as the solution itself. Ultimately, it's our people that distinguish us from the competition. The ARK Solutions team is made up of talented individuals who are committed to creating a true partnership with our clients. ARK Solutions, Inc. has served as the prime implementation partner to many of its clients and provides implementation, integration, change management and training services to many of its public and private sector clients.
- Over the recent years ARK Solutions has proven itself as a dynamic player to “watch-out for” in the SAP HR marketplace by providing wide range of services and solutions. Our growth has come by winning public sector projects and by becoming tier 1 vendors to leading SAP HR implementation partners. We are recognized for our quality, speed and accuracy in proving the right talent for the job. Our get the job done attitude is our biggest differentiator in the SAP HR marketplace.test

**3.7.4. Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.**

Eminent experts from industry, scientific organizations and Universities have visited our Institution. The details are as follows:

**Department of Civil:**

**2016-17**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1.	29/07/16 & 30/07/16		Technical Fest <b>ESPARANZA 2K16-</b>	Mr.P.Ashok &Mrs.P.Anuradha	II,III &IV Year CIVIL Students
2.	26/09/2016		Seminar On “ <b>Applications Of Geology In Civil Engineering</b> ”	Dr.Narayan sangam	III &IV Year CIVIL Students

**Department of CSE :**

**2016-17**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	27-08-2016	Secure data management within and across data centres	Guest Lecture	Mr. Keerthivardhan Naidu, Sunkura, ADP Pvt Ltd., Hyderabad	IV & III CSE Students
2	15-10-2016	HP - Application Lifecycle Management (ALM)	Guest Lecture	Mr. Arun Kumar Jonnalagadda, CSC, Hyderabad	IV & III CSE Students
3	20-01-2017	Internet of Things (IoT) – Technology of Tomorrow	Guest Lecture	Mr. Siva Prasad Chunchu, ADP Pvt Ltd., Hyderabad	IV & III CSE Students

**2015-16**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	07-03-2015	Importance of Testing in SDLC & Various kinds of testing	Guest Lecture	Rajesh Kaluri, Asst. Professor, VIT, Vellore	IV & III CSE Students
2	16-03-2015	Workshop on . Net	Guest Lecture	Arjun Bodhak, SDE, Microsoft IDC, Hyderabad	IV & III CSE Students
3	15-02-2016 to 22-02-2016	Big Data Analytics	1 week Workshop	Dr. Akka Lakshmi, HOD-IT, GITAM University, Hyderabad	IV & III CSE Students

**2014-15**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	20-09-2014	Android App Development	Guest Lecture	Shikar Dobbi, Hyderabad	IV CSE Students
2	24-01-2015	Business Intelligence and Data Warehouse workshop	Guest Lecture	K. Jaya Chandra Reddy	IV CSE Students

**Department of EEE :**

**2016-17**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	8-7-16	Webinar On Teaching Methodologies	FDP	Sri.Krishna Prasad USA	Faculty
2	8-9-16	SEMINAR	SEMINAR	Dr.K.BHASKAR, Professor, JNTU H	IV,III,II Year Students& Faculty
3	14-9-16	SEMINAR	SEMINAR	Dr.B.P.SINGH,Rtd.G.M,BHEL,H YD	IV,III,II Year Students& Faculty
4	16-9-16	WORKSHOP	WORKSHOP	SRI.B.MALLIKARJUN,M.D,HYD	IV,III,II Year Students& Faculty
5	20-9-16	GUEST LECTURE	GUEST LECTURE	Dr.P.VENKATA PRASAD,Professor,CBIT,HYD	IV Year Students& Faculty
6	22&23/8/16	WORKSHOP	WORKSHOP	SRI.G.SRINIVAS,RTD.ENG,NM DC,HYD	III,II Year Students& Faculty
7	20-3-17 to 24-3-17	TRAINING	TRAINING	Ms.KOMAL SHEDGE,TRAINER,PUNE	III Year Students

**2015-16**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	1/10/16	GUEST LECTURE	GUEST LECTURE	SRI. Y.TIRUPATI REDDY (ADE TRANSCO)	IV,III Year Students
2	1/10/16	GUEST LECTURE	GUEST LECTURE	SRI Y.TIRUPATI REDDY (ADE TRANSCO)	IV,III Year Students
3	21/8/15	GUEST LECTURE	GUEST LECTURE	SRI.ANIL NAIR,CEO,HYD	IV,III,II,I Year Students

**2014-15**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	20-2-15	GUEST LECTURE	GUEST LECTURE	Dr. J.B.V. Subrahmanyam, Professor,HYD	IV,III Year Students
2	22/1/15	INDUSTRIAL TRAINING	INDUSTRIAL TRAINING	Mr. RAMESH,TRAINER,HYD	IV Year Students

**Department of MECH :**

**2016-17**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	14.07.2016	Seminar	SOLID WORKS – 3D printing	Sadanand L/ Vivatech Digen Studio	IV Year Students
2	21.09.2016	Seminar	Workshop on CREO	MrSridhar.s	IV Year Students
3	27.10.2016	Seminar	MECH-AUTOCAD	P.Chetan Kumar/ Ramsys InfoCAD	III Year Students
4	01.02.2017	Seminar	SOFT SKILLS (I YEAR)	S. Vamsheedher/ Abigyra	I Year Students
5	28.02.2017	Seminar	Workshop On Robotics	Nagaraju/ EDS Technologies	IV Year Students

**2015-16**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	15.07.2015	Guest lecture	HVAC and Piping Software	Md. Fakhruddin H N Methodist COET, Hyderabad	IV B.Tech Students
2	29.10.2015	Guest lecture	Industrial Engineering & Management Concepts	Dr. N Raji Reddy, Osmania University	III B.Tech Students
3	12.02.2016	Seminar	Advanced Robotics	Dr. Satish Babu Professor of ME, JNTUH	IV B.Tech Students

**2014-15**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	14.08.2014	Guest lecture	Machine Tools	Sri. C. V. Chalapathirao General Technical Manager	IV B.Tech Students
2	30.10.2014	Guest lecture	Advanced Materials	Mr. Hari Venkateswar Rao Sr. Scientist, DRDO	II B.Tech Students
3	20.03.2015	Seminar	A Performance indices for 6 UPS manipulator	Dr. Satish Babu Professor of ME, JNTUH	IV B.Tech Students



**2013-14**

S No	Date	Guest Lecture	Program/ Event name	Resources persons	Beneficiary
1	13.08.2013	Guest lecture	A Study on FEM	Dr. Ravikanth Reddy Professor of ME, NMRCE	III B.Tech Students
2	30.01.2014	Seminar	Nano Materials	Dr. N.V Ramesh Professor of ME, NMRCE	IV B.Tech Students & Faculty

**List of eminent participants who contributed to staff development  
Academic year 2016-17**

**Department of EEE:**

**Academic year 2016-17:**

S No.	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	8-7-16	Sri.Krishna Prasad USA	FDP	20	Staff
2	8-9-16	Dr.K.BHASKAR, Professor, JNTU H	SEMINAR	10	Staff& Students
3	14-9-16	Dr.B.P.SINGH,Rtd.G.M,BHEL,HYD	SEMINAR	10	Staff& Students
4	20-9-16	Dr.P.VENKATA PRASAD,Professor,CBIT,HYD	Guest Lecture	9	Staff& Students

**Academic year 2015-16:**

S No	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	1/10/16	SRI. Y.TIRUPATI REDDY (ADE TRANSCO)	GUEST LECTURE	120	Staff& Students
2	1/10/16	SRI Y.TIRUPATI REDDY (ADE TRANSCO)	GUEST LECTURE	120	Staff& Students
3	21/8/15	SRI.ANIL NAIR,CEO,HYD	GUEST LECTURE	100	Staff& Students

**Academic year 2014-15:**

S No	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	20-2-15	Dr. J.B.V. Subrahmanyam, Professor,HYD	GUEST LECTURE	100	Staff& Students

**Department of MECH :**

**Academic year 2016-17:**

S No	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	14.07.2016	SOLID WORKS – 3D printing	Sadanand L/ Vivatech Digen Studio	20	Faculty and Technical Staff
2	21.09.2016	Workshop on CREO	MrSridhar.s	20	Faculty and Technical Staff
3	27.10.2016	MECH-AUTOCAD	P.Chetan Kumar/ Ramsys InfoCAD	30	Faculty and Technical Staff
4	01.02.2017	SOFT SKILLS (I YEAR)	S. Vamsheedher/ Abigya	20	Faculty and Technical Staff
5	28.02.2017	Workshop On Robotics	Nagaraju/ EDS Technologies	20	Faculty and Technical Staff

**Academic year 2015-16:**

S No	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	15.07.2015	Md. Fakhruddin H N Methodist COET, Hyderabad	HVAC and Piping Software	20	Faculty and Technical Staff
2	29.10.2015	Dr. N Raji Reddy, Osmania University	Industrial Engineering & Management Concepts	20	Faculty and Technical Staff
3	12.02.2016	Dr. Satish Babu Professor of ME, JNTUH	Advanced Robotics	20	Faculty and Technical Staff

**Academic year 2014-15:**

S No	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	14.08.2014	Sri. C. V. Chalapathirao General Technical Manager	Machine Tools	24	Faculty and Technical Staff
2	30.10.2014	Mr. Hari Venkateswar Rao Sr. Scientist, DRDO	Advanced Materials	24	Faculty and Technical Staff
3	20.03.2015	Dr. Satish Babu Professor of ME, JNTUH	A Performance indices for 6 UPS manipulator	24	Faculty and Technical Staff

**Academic year 2013-14:**

S No	Date	Eminent academic	Topic of Event	Participants	Beneficiary
1	13.08.2013	Dr. Ravikanth Reddy Professor of ME, NMRCE	Machine Tools	22	Faculty and Technical Staff
2	30.01.2014	Dr. N.V Ramesh Professor of ME, NMRCE	Advanced Materials	22	Faculty and Technical Staff

**3.7.5. How many of the linkages/collaborations have actually resulted in formal MOU's and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -**

The linkages and association with various industries helped in having 4 MoUs with different MNC organizations.

- a) **Curriculum development/enrichment:** The inputs taken during the interaction with experts from research organizations, academics and industries were beneficial in communicating the same during the BoS meetings of the JNTUH University.
- b) **Internship/ On-the-job training:** Collaboration with various industries has been providing an opportunity to the students for industry exposure, acquiring training skills for placements and getting projects from industries. Collaboration with GlobeArena, Microsoft, CISCO, and other industries gave our students in having hands on experience and help them stand ahead of others in the market.
- c) **Summer placement:** Collaboration with various industries / organizations has helped our students to undergo short-term training and internship programmes during summer vacation period for three weeks as prescribed in the university curriculum. The college is able to depute M.Tech students to industries for taking up live projects and work at industry for short duration period.
- d) **Faculty exchange and professional development:** Institute arranges workshops, seminars and conferences at department and inter department levels to exchange the ongoing research activity in the fields of national importance and industry needs. Institute also deposes faculty to exchange their research expertise at workshops, conferences and training programs arranged at other colleges/organizations.
- e) **Research:** The linkages helped in enhancing the research culture in the college.
- f) **Consultancy:** The college plans to enhance the consultancy works through interaction with industry through MOUs.

- g) Extension:** NIL
- h) Publication:** There has been a substantial increase in number of research publications in the last 3 years as indicated in 3.4
- i) Student Placement:** Providing job market information and related inputs to students Pre-placement training from third year onwards by agencies like condura, Time Institute etc. Personality development programmes and frequent assessment tests in aptitude, reasoning and verbal evaluation of students by external assessment agencies
- j) Twinning programmes:** NIL
- k) Introduction of new courses:** The intake in UG courses of Mechanical Engineering and ECE increased to 180 based on the industry needs. M.Tech courses in Power Electronics and Highway Engineering were introduced in view of demand for such courses in the industry.
- l) Student exchange:**
- Students are deputed to industries / research organizations during summer vacation for industry exposure and to take up the projects related to industry needs.
  - Experts from industry and research organizations are invited for interactive sessions with students for exchange of knowledge and practical skills making the students meet industry requirements.
  - The departments organize state-wise and inter-collegiate festivals, seminars and technical paper contests and students from various institutions exchange their ideas in thrust areas of engineering and other fields.
  - The institution arranges industrial tours to the students every year to expose them to the practical aspects of industry and to fill the gap between theory and practical applications which enhance the exposure to real working environment.
- m) Any other: --**

The following is list of students who have undergone internship in industries

**Department of Mech:**

S No.	Year	Branch	Name	Company
1	2015-16		B. Trinth kumar(12C91A0311)	CIPET
			J. Bharanth(12C91A0342)	
			I.Hemanath chari(12C91A0351)	
			N.satwik gouda(12C91A0370)	
			P.narendra saikumar(12C91A0379)	
			S.Nitish(12C91A0390)	
N.S.M parankumar(12C91A0393)				

S No.	Year	Branch	Name	Company
			G.Rakesh kumar(12C91A0328)	
			K.murali krishana(12C91A0343)	
			K.vijay raju(12C91A0344)	
			G.Rakesh(12C91A0327)	
			K.sharath kumar(12C91A0345)	
			B.sudhakar(12C91A0317)	
2	2014-15		Laskhmi kanth(11C91A0346)	NTPC
			D.kishore(11C91A0329)	
			D.Ablish(11C91A0328)	
			P.Ravi kishore(11C91A0383)	
			T.Rajesh kumar (11C91A03A5)	
			K.ganeshkumar(11C91A0301)	
			S. saikumar(11C91A03A2)	
			Venkat sai(11C91A0384)	
			V.praneethS(11C91A03A7)	
			P. saijayanth(11C91A0391)	
			P.raguthnath(11C91A0381)	
			T.vinodkumar(11C91A03A4)	
			P.harish Chandra(11C91A0386)	
			P.Sai charanmouli(11C91A0382)	
			K.Shaskak reddy(11C91A0348)	
			N.Sager(11C91A0375)	NFC
			G. vinod kumar(11C91A0341)	
			A.Shrath kumar(11C91A0305)	
			K. Amrith(11C91A0302)	
			N. Sandeep(11C91A0394)	
			S. Akihil(11C91A0384)	
			N. vidysager(11C91A03A7)	
			D.Sriramsrikar(11C91A0334)	SINGARENI
			Adityapatak(11C91A0301)	
			Dhurvashrama(11C91A0330)	VIZAG STEEL PLANT
			Venkatprasad(11C91A0)	
			Avenash reddy(11C91A0)	
			K.Anuradhathkashap(11C91A0)	
Rohit reddy(11C91A0)				
D.Randheer(11C91A0)				
3	2013-14		CH. saketh kumar(09C91A0305)	BEL
			S. K. Pradeepkumar(09C91A0306)	
			N.saiteja(09C91A0320)	
			M.Vivek(09C91A0316)	GDP TOOL TECHNIQUE
			Kalewar Amol(10C91A0314)	
			B.Shiva ganesh goud(10C91A0306)	
			Jyothish George(10C91A0312)	
			P.vinod(10C91A0325)	CADZONE SOLUTION LIMITED
			Aripta Nandy(10C91A0302)	
			B.Srisha(10C91A0304)	
			B.Avinash kumar(10C91A0305)	
			P.Sowjanya(10C91A0326)	

The following is list of students who are placed in the companies:

**Department of Civil :**

**Academic Year 2016-17**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	13C91A0117	CH.SAKETH REDDY	CIVIL	PMRT
2	13C91A0123	D.SUDHAKAR	CIVIL	PMRT
3	13C91A0130	G.SRUSHTY	CIVIL	PMRT
4	13C91A0140	J.SAI KRISHNA	CIVIL	PMRT
5	13C91A0143	K.NIKHIL	CIVIL	PMRT
6	13C91A0168	M.NAGARAJU	CIVIL	PMRT
7	13C91A0187	P.SAMUEL	CIVIL	PMRT
8	14C95A0101	G.RAMESH	CIVIL	PMRT
9	13C91A0130	G.SRUSHTY	CIVIL	CONCENTRIX
10	13C91A0117	CH.SAKETH REDDY	CIVIL	HGS-BANGALORE
11	13C91A0129	G.SHAILENDER GOUD	CIVIL	HGS-BANGALORE
12	13C91A0181	N.SUDHEER KUMAR	CIVIL	HGS-BANGALORE
13	13C91A0130	G.SRUSHTY	CIVIL	AMAZON
14	13C91A0142	JORIGELA SHIVA KUMAR	CIVIL	PROZENTECH SOLUTIONS
15	13C91A0174	PONGME.E	CIVIL	PROZENTECH SOLUTIONS
16	13C91A0193	PUBALI MUKAHERJEE	CIVIL	PROZENTECH SOLUTIONS
17	13C91A0142	J.SHIVA KUMAR	CIVIL	GAMMA PROCESS
18	13C91A0181	N.SUDHEER KUMAR	CIVIL	GAMMA PROCESS
19	13C91A0191	P.BALA CHANDRAN KANTH	CIVIL	GAMMA PROCESS
20	13C91A0117	CH.SAKETH REDDY	CIVIL	HGS-HYDERABAD
21	13C91A0191	P.BALA CHANDRAN KANTH	CIVIL	HGS-HYDERABAD
22	13C91A0140	J.SAI KRISHNA	CIVIL	HGS-HYDERABAD

**Academic Year 2014-15**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	11C91A0103	A.VISHNU	CIVIL	STELLEN INFRATECH
2	11C91A0105	A.SRAVANI	CIVIL	STELLEN INFRATECH
3	11C91A0117	G.CHANDRA SHEKAR	CIVIL	STELLEN INFRATECH
4	11C91A0119	H.BHAVAN KUMAR	CIVIL	STELLEN INFRATECH
5	11C91A0136	MD.SALMAN ALI	CIVIL	STELLEN INFRATECH
6	11C91A0141	R.SRIKANTH	CIVIL	STELLEN INFRATECH
7	11C91A0147	Y.SIRI CHOWDARY	CIVIL	STELLEN INFRATECH

**Department of CSE :**

**Academic Year 2016-17**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	13C91A0517	K. Susmitha	CSE	Genpact
2	13C91A0524	V. Meenumal	CSE	Genpact
3	13C91A0528	P. Pravallika	CSE	Genpact
4	13C91A0530	A.K. Phanindra	CSE	Genpact
5	13C91A0517	K. Susmitha	CSE	Concentrix
6	13C91A0524	V. Meenumal	CSE	Concentrix
7	13C91A0517	K. Susmitha	CSE	Infosys
8	13C91A0524	V. Meenumal	CSE	Infosys
9	13C91A0527	N. Sowjanya	CSE	Infosys
10	13C91A0517	K. Susmitha	CSE	Intelenet Global
11	13C91A0520	Kumar Shanu	CSE	Intelenet Global
12	13C91A0524	V. Meenumal	CSE	Intelenet Global
13	13C91A0525	M.N.S. Anusha	CSE	Intelenet Global
14	13C91A0527	N. Sowjanya	CSE	Intelenet Global
15	13C91A0540	T. Sangatam	CSE	Intelenet Global
16	13C91A0520	Kumar Shanu	CSE	HGS
17	13C91A0505	B. Arun Kumar	CSE	Amazon
18	13C91A0517	K. Susmitha	CSE	Amazon
19	13C91A0530	Sai Santosh Phanindra	CSE	Amazon
20	13C91A0540	T. Sangatam	CSE	Amazon
21	13C91A0506	B. Harish Gupta	CSE	HGS-HYD
22	14C95A0504	Y. Venkatesh	CSE	Gamma Process Hub India Ltd
23	13C91A0505	B. Arun Kumar	CSE	Gamma Process Hub India Ltd
24	13C91A0509	D. Nikhitha	CSE	Gamma Process Hub India Ltd
25	14C95A0503	S. Upender	CSE	Gamma Process Hub India Ltd
26	14C95A0505	C. Swathi	CSE	Gamma Process Hub India Ltd
27	13C91A0517	Sushmitha.K	CSE	Prozen Tech Solutions
28	13C91A0524	M. Varghese	CSE	Prozen Tech Solutions
29	13C91A0527	G. Soujanya	CSE	Prozen Tech Solutions

**Academic Year 2015-16**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	12C91A0510	Anisha Thomas	CSE	GENPACT
2	12C91A0549	J. Mounika	CSE	GENPACT
3	12C91A0560	K. Uday Kumar	CSE	GENPACT
4	12C91A0579	G. Nikhil	CSE	GENPACT
5	12C91A0583	M. Ramya Krishna	CSE	GENPACT
6	12C91A0587	Namala Pramod Kumar	CSE	GENPACT
7	12C91A0597	Pathoori Akhil Reddy	CSE	GENPACT
8	12C91A0511	Arun Dixit	CSE	Nucleu Software
9	12C91A0524	B. Susmitha	CSE	Nucleu Software
10	12C91A0546	G. Sri Phani Kumar	CSE	Nucleu Software
11	12C91A0563	K. Ravali	CSE	Nucleu Software
12	12C91A0572	M. Prathuyusha	CSE	Nucleu Software
13	12C91A0580	Mohan Sai Priya	CSE	Nucleu Software
14	12C91A0595	P. Babitha	CSE	Nucleu Software
15	12C91A05B0	T. Sai Mahesh Yadav	CSE	Nucleu Software
16	13C95A0503	K. Shyam	CSE	Nucleu Software
17	12C91A0545	G. Siva Kumar	CSE	Sinvey Software Solutions
18	12C91A0559	K. Mukesh Reddy	CSE	Sinvey Software Solutions
19	12C91A0594	P. Pranith	CSE	Sinvey Software Solutions
20	12C91A05A1	Resu Jagan Reddy	CSE	Sinvey Software Solutions
21	12C91A0585	Mutyala Sai Ram	CSE	Tech Mahindhra
22	12C91A0590	P. Premchand	CSE	Tech Mahindhra
23	12C91A0591	P. Meghanath	CSE	Tech Mahindhra

**Academic Year 2014-15**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	11C91A0518	D. Abhinov	CSE	Pingaksho Technologies
2	11C91A0520	D. Srilatha Krishna	CSE	Pingaksho Technologies
3	11C91A0538	G.Mahitha	CSE	Pingaksho Technologies
4	11C91A0587	Papetla Sai Prashanth	CSE	Pingaksho Technologies
5	11C91A0588	Pasupuleti Manasa	CSE	Pingaksho Technologies
6	11C91A0520	Srilatha	CSE	Yash Technology
7	11C91A0515	Sravva	CSE	Yash Technology
8	11C91A0545	Sairam Chary	CSE	Yash Technology



S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
9	11C91A0559	Sandhya	CSE	Yash Technology
10	11C91A0543	K.Manasa	CSE	Yash Technology
11	11C91A0578	Shanthi Priya	CSE	Yash Technology
12	11C91A0514	Chinmayee	CSE	Yash Technology
13	11C91A0514	D. Abhinov	CSE	Yash Technology
14	11C91A05B5	V. Usha	CSE	Yash Technology
15	11C91A0543	S. Mounika	CSE	Yash Technology
16	11C91A0510	C. Bala Krishna	CSE	Yash Technology
17	11C91A0587	P. Sai Prashanth	CSE	Yash Technology
18	11C91A0501	A. Sravan Kumar	CSE	Yash Technology
19	11C91A05B3	V. Vijaya Lalitha	CSE	Yash Technology
20	11C91A0561	K. Divya	CSE	Yash Technology
21	11C91A0543	K. Manasa	CSE	Agimulse Solutions Pvt.Ltd
22	11C91A0559	K. Sandhya	CSE	Agimulse Solutions Pvt.Ltd
23	11C91A0560	K. Manoj Kumar	CSE	Agimulse Solutions Pvt.Ltd
24	11C91A0599	D. Harish	CSE	Polaris BPO
25	11C91A0588	P. Manasa	CSE	Polaris BPO
26	11C91A0582	N. Mounika	CSE	Polaris BPO
27	11C91A05B4	V. Shekar	CSE	Polaris BPO
28	11C91A0577	N. Koteswaramma	CSE	Polaris BPO
29	11C91A0520	D. Srilatha Krishna	CSE	Polaris BPO
30	11C91A0543	K. Manasa	CSE	Polaris BPO
31	11C91A0559	Korthiwada Sandhya	CSE	Tech Mahindra
32	11C91A0520	Dhomla Srilatha Krishna	CSE	Tech Mahindra
33	11C91A05A9	V. Vasudev	CSE	CAPGEMINI
34	11C91A0565	V. Uday	CSE	CHASE
35	11C91A1201	A. Varun	CSE	Pingaksho Technologies
36	11C91A1205	Bijjala Manoj Kumar	CSE	Pingaksho Technologies
37	11C91A1207	Buddigi Sravani	CSE	Pingaksho Technologies
38	11C91A1212	Chitirala Vineesha	CSE	Pingaksho Technologies
39	11QH1A1205	Kusumuru Sri Harsha	CSE	Pingaksho Technologies
40	11QHA1206	M. Naga Jyothi	CSE	Yash Technology
41	11C91A1222	Sushanth	CSE	Yash Technology
42	11C91A1212	Ch. Vineesha	CSE	Yash Technology
43	11C91A1205	B. Manoj Kumar	CSE	Agimulse Solutions Pvt.Ltd
44	11C91A1220	K. Alekya	CSE	Agimulse Solutions Pvt.Ltd
45	11C91A1205	B. Manoj Kumar	CSE	Polaris BPO
46	11C91A1220	K. Alekya	CSE	Polaris BPO

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S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
47	11C91A1226	N. Gowthami	CSE	Polaris BPO
48	11C91A1214	Prasana	CSE	Polaris BPO
49	11C91A1220	Alekya	CSE	Tech Mahindra
50	11C91A1225	M. Niharika	CSE	Tech Mahindra

**Department of EEE :**

**Academic Year 2016-17**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	13C91A0274	S.Sangeetha	EEE	HINDUJA GLOBAL SERVICES
2	13C91A0229	K.Naresh	EEE	HINDUJA GLOBAL SERVICES
3	13C91A0251	N.Bhavani	EEE	GAMMA PROCESS
4	13C91A0202	A.Prasanth	EEE	GAMMA PROCESS

**Academic Year 2015-16**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	12C91A0202	A.VINOD KUMAR	EEE	Tech Mahindra
2	12C91A0219	D.LAXMAN	EEE	Tech mahindra
3	12C91A0225	G.SHOBHARANI	EEE	Sinvey software solutions
4	12C91A0242	MD SAJID ALAM	EEE	Tech mahendra
5	12C91A0256	RAJAN KUMAF JHA	EEE	Tech Mahindra
6	12C91A0252	R.TIRUPATHI	EEE	HCL
7	13C95A0202	B.VINEETH	EEE	Sinvey software solutions
8	13C95A0203	K.RAKESH	EEE	HCL
9	12C91A0214	B.SRINIVAS	EEE	HCL
10	12C91A0249	N.BHAVANI	EEE	CAREWELL TECHNOLOGIES
11	12C91A0255	R.ARUNTEJA	EEE	G GK TECH
12	12C91A0209	B.RAMESH	EEE	GGK TECH
13	12C91A0250	P.BHAVANI	EEE	TECH MAHINDRA
14	12C91A0261	T. SAI SANDEEP REDDY	EEE	TECH MAHINDRA
15	12C91A0212	B.VENKATESH	EEE	TECH MAHINDRA

**Academic Year 2014-15**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	11C91A0243	S.VIMAJA	EEE	GGK TECH
2	11C91A0233	M.RAGHU VARAN	EEE	GGK TECH
3	11C91A0201	A.RESHMI	EEE	TECH MAHINDRA
4	11C91A0208	B KARUNAKAR REDDY	EEE	CAREWELL TECHNOLOGIES
5	11C91A0222	J.NARENDAR GOUD	EEE	OMICS
6	11C91A0223	J.SINDHUJA	EEE	OMICS
7	11C91A0226	K VINAY KUMAR	EEE	L AND T
8	11C91A0211	JITHENDER D	EEE	ACCENTURE
9	11C91A0216	G SREEKAR	EEE	LIC LIFE PLUS
10	11C91A0203	B AMALA	EEE	TECH MAHINDRA
11	11C91A0213	D.DEVA	EEE	EIDER MOTOR
12	11C91A0218	G.SANDEEP	EEE	EIDER LTD
13	11C91A0221	J.UDAY	EEE	EIDER MOTOR
14	11C91A0237	P.DURGA PRASAD	EEE	EIDER MOTOR
15	11C91A0239	P.VISHNU CHAITANYA	EEE	EIDER MOTOR
16	11C91A0245	Y.NAVEEN KUMAR	EEE	EIDER MOTOTR

**Department of MECH :**

**Academic Year 2016-17:**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	13C91A0353	K.RAKESH KUMAR	MECH	GENPACT
2	13C91A0313	B.BEULAH	MECH	GENPACT
3	13C91A0351	K .SANDEEP REDDY	MECH	GENPACT
4	13C91A0378	G.TARUN	MECH	GENPACT
5	13C91A0313	Beulah Martin	MECH	INTELENET GLOBAL SERVICE
6	13C91A0313	B.BENLAH	MECH	INTELENET GLOBAL SERVICE
7	13C91A0319	S.RAJESH	MECH	INTELENET GLOBAL SERVICE
8	13C91A0351	K.SANDEEP REDDY	MECH	INTELENET GLOBAL SERVICE
9	14C95A0310	R.JUMPARESH	MECH	IMC
10	13C91A0330	D.SATISH REDDY	MECH	IMC
11	13C91A0335	GAURAV SHUKLA	MECH	GI GROUP
12	13C91A0325	CHANDAN SARKAR	MECH	GI GROUP

**Academic Year 2015-16**

S NO	REG NO	STUDENT NAME	BRANCH	COMPANY NAME
1	12C91A0303	Ajay Das	MECH	Tech Mahindra
2	12C91A0305	A Gopichand	MECH	GENPACT
3	12C91A0306	A Niranjan	MECH	Hitachi
4	12C91A0326	G Shravan	MECH	GENPACT
5	12C91A0330	G Kumar Rabi	MECH	Sinvey Software Solution
6	12C91A0350	L Pampari	MECH	Tech Mahindra
7	12C91A0353	M Sai Sandeep	MECH	Sinvey Software Solution
8	12C91A0359	Md. Neyazanwar	MECH	Tech Mahindra
9	12C91A0366	M Arun	MECH	GENPACT
10	12C91A0378	Pandey Rahul Ramsingar	MECH	GENPACT
11	12C91A0382	P Kumar	MECH	GENPACT
12	12C91A0387	Ranjeeth Kumar	MECH	Tech Mahindra
13	12C91A0398	SunkeRakesh	MECH	Sinvey Software Solution
14	12C91A0399	T Saieshwar Reddy	MECH	Sinvey Software Solution
15	12C91A03A1	Tallada Y Kumar	MECH	GENPACT
16	12C91A03A3	Umesh kumar Sah	MECH	GENPACT
17	12C91A0306	A Neranjan	MECH	Devarahipparigi Wind power Pvt. Ltd
18	12C91A0327	G Rakesh	MECH	Hitachi
19	12C91A0356	Manish Kumar	MECH	Devarahipparigi Wind power Pvt. Ltd.
20	12C91A0360	Md. Rabani	MECH	Devarahipparigi Wind power Pvt. Ltd.
21	12C91A0374	N Kiran Kumar	MECH	Mold-Tek
22	12C91A0380	P Vijay	MECH	Mold-Tek
23	12C91A0383	P Vinod Kumar	MECH	Stanchion Solutions
24	12C91A03A4	U V Rajesh Nair	MECH	Amazon
25	12C95A0308	Arup Mandal	MECH	Amazon

**Academic Year 2014-15**

SI.No	HTN NO.	Name of Candidate	Company
1	11C91A0301	AdityaPathak	StellentInfratech Pvt. Ltd
2	11C91A0333	Dhruva Sharma	StellentInfratech Pvt. Ltd
3	11C91A0340	G. Vijaya Kumar	StellentInfratech Pvt. Ltd
4	11C91A0346	G. Vinod Kumar	Sutherland
5	11C91A0343	G.Sravan Kumar	Eider Motors Ltd
6	11C91A0346	K Laxmikanth	Sutherland
7	11C91A0358	K. Prameshwar	StellentInfratech Pvt. Ltd
8	11C91A0350	K. vinodKumar	Eider Motors Ltd
9	12C95A0301	K.Ganesh Kumar	Eider Motors Ltd
10	11C91A0353	K.Vijaya Kumar	Eider Motors Ltd
11	11C91A0357	KurmaSaiRohith	StellentInfratech Pvt. Ltd
12	11C91A0359	L Nag Sai	StellentInfratech Pvt. Ltd
13	11C91A0369	M. praveenkumar	Eider Motors Ltd
14	11C91A0360	M. Raghuvveera Chary	StellentInfratech Pvt. Ltd
15	11C91A0364	M.Lava Kumar	Eider Motors Ltd
16	11C91A0361	M.srikar	Eider Motors Ltd
17	11C91A0370	MD. Sharuck Pasha	Eider Motors Ltd
18	11C91A0376	N Sai Ram	StellentInfratech Pvt. Ltd
19	11C91A0385	P. satish	StellentInfratech Pvt. Ltd
20	11C91A0383	P.Ravi Kishore	StellentInfratech Pvt. Ltd
21	11C91A0387	PurnaPraganajagidar	StellentInfratech Pvt. Ltd
22	11C91A0393	Rahul Bhardwaj	StellentInfratech Pvt. Ltd
23	11C91A0395	Rajender Singh	StellentInfratech Pvt. Ltd
24	11C91A0394	Rajesh Biswas	Eider Motors Ltd
25	11C91A0397	SaileshKaulaskar	StellentInfratech Pvt. Ltd
26	11C91A0399	Satranjan Singh	StellentInfratech Pvt. Ltd
27	11C91A0A0	Shiv Singh	StellentInfratech Pvt. Ltd
28	11C91A03A5	T. Rajesh Kumar	Eider Motors Ltd
29	11C91A03A6	V Arun Kumar	StellentInfratech Pvt. Ltd

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SI.No	HTN NO.	Name of Candidate	Company
30	11C91A03A8	V. sai Kumar	Eider Motors Ltd
31	11C91A03B0	Vikash	StellentInfratech Pvt. Ltd
32	11C91A0307	A. Ganapati	HCL Technologies Ltd
33	11C91A0304	A. Om SaiAkash	thyssenkrupp Industries India
34	11C91A0309	A.U. Rahman	KnoahSolutionsPvt. Ltd
35	11C91A0314	B. Bharthkumar	HCL Technologies Ltd
36	11C91A0312	B. Karthik	TAYANA Software Solutions Pvt.Ltd
37	11C91A0321	C.Akhilesh	HGS
38	11C91A0333	D.Nagesh	HGS
39	11C91A0336	E. Kumarswmy	KnoahSolutionsPvt. Ltd
40	11C91A0345	K. Amrit	Amazon
41	11C91A0353	K.Rambabu	Inforprivite Limited
42	11C91A0356	K.Srikhanth Reddy	Genpact
43	11C91A0366	M.YadaGiri Reddy	Genpact
44	11C91A0379	MD. Umar	Inforprivite Limited
45	11C91A0375	N. Sagar	Amzaon
46	11C91A0378	Nakul Kumar	RowellindustriesLtdke
47	11C91A0387	P. Kumar	Mold-Tek
48	11C91A0391	P. SaiJayanth	NTT Data Global Delivery Services ltd
49	11C91A0389	P. Surendar	Mold-Tek
50	11C91A0384	P. Venkatsai	HCL Technologies Ltd
51	11C91A0388	P.Mathsyagiri	Genpact
52	11C91A03A2	S. Sai Kumar	Amzaon
53	11C91A03A3	SourabhChapdi	Hitachi
54	11C91A03A4	ThoklaVinodkumar	OptmalTconServices
55	11C91A03B4	Amit Kumar	HGS
56	09C91A0326	T. Suresh	thyssenkrupp Industries India

**3.7.6. Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.**

Institution has planned and established linkages/collaborations related to academic and research activities with various industries and research institutes to implement training programs for students and faculty members in various specializations. We are planning to tie-up with Tata Consultancy Services.

- College enters into MoU with various establishments mainly to establish the linkages / collaborations related to academic and research activities.
- Inviting experts from various divisions from other industries for delivering Guest Lectures, key note address in conferences, invited speaker in workshops and symposiums.
- Conducting joint technical programs and events with other organizations.

The Institution has established following cells for development of industry linkages and collaborations.

- Research and Development Cell
- Entrepreneurship Development Cell
- Industry Institution Partnership Cell

## **CRITERION IV INFRASTRUCTURE AND LEARNING RESOURCES**

### **4.1. Physical Facilities**

#### **4.1.1. What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?**

The Institution has a clear policy for providing good infrastructure facilities for academic and research excellence. Though the facilities were created as per the AICTE norms, the institution believes that, the facilities need to be regularly upgraded as per the requirements of the departments, to impart quality education through upgrading infrastructure with modern equipment in the classes and laboratories. The infrastructure of the institution includes well ventilated and well developed class rooms equipped with LCD projectors / OHPs in addition to conventional black boards with comfortable furniture. The Institution also equipped with good laboratories, hygienic and well maintained canteen, well connected, good transport facility for faculty and students, Wi-Fi campus connect, library with internet facility, power backup, reading rooms, playgrounds, separate hostels for boys and girls. The campus is spread over 100 acres with a total built up area of 35,073 m<sup>2</sup>. The Board of Governors of the Institution meets once in six months to look into the needs of the institution and provides necessary funds to the head of the Institution for implementation of the infrastructure facilities. Besides this, the Secretary of the institution also provide finances as and when the need arises for enhancement of infrastructure and other facilities.

The policy of the institution for enhancement of infrastructure facilities for effective teaching and learning are as follows:

Need analysis is made by each department every year on the requirement for the next academic year. The respective departments will prepare budget proposals under different heads such as capital budget, developmental budget and maintenance budget. In the Governing body meeting of the college, budget will be sanctioned for each department based on the merit of each proposal. Any purchases for development activities are carried out in systematic manner by calling for quotations, purchase committee meeting for technical and commercial negotiations and ensuring good quality facilities are created. The policy also includes priorities like: Creating ambience for research, development and consultancy services, Providing quality education with 100% results and 100% student placements as the target. Such an environment with a good infrastructure makes the teaching and learning more comfortable.



**4.1.2. Detail the facilities available for**

- a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.
- b) Extracurricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

The Institution is located in a serene atmosphere near Hyderabad at Keesara. The total extent of land available to the Institution, at present, is 100 acres. The Institution has a built-up area of 35073 m<sup>2</sup>. The Institution is endowed with a large campus and adequate infrastructure facilities and resources to conduct the curricular, co-curricular and extracurricular activities.

S. No.	Description	Numbers	Area (M <sup>2</sup> )	Facilities Description
	Classrooms	42	2772.3	Class rooms with gallery type seating arrangement. Equipped with Multimedia Projectors with E-Beam Technology & Response Recording Facility.
	Technology enabled learning space	2	132	Video Conferencing, Wi-Fi Connection
	Seminar halls	2	577.922	Air-conditioned with a seating capacity of about 150 audience
	Auditorium	1	10000	Air-conditioned with a seating capacity of about 400 audience
	Tutorial rooms	20	750.084	Tutorial rooms with gallery type seating arrangement
	Laboratories	46	4137.89	Air conditioned Computer Labs with more than 300 systems.
	Workshop	4	10000	Well Equipped and Work friendly environment
	Drawing Halls	1	132	Well furnished Drawing Tables
	Administrative Rooms + Department Office	9	1114.554	Air-conditioned and well equipped furniture
	HOD & Staff Rooms	12	613.804	Well equipped furniture and other facilities
	Conference Hall	1	40	Air conditioned

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S. No.	Description	Numbers	Area (M <sup>2</sup> )	Facilities Description
	Library, Information centre & Reading room.	2	640	Library with 2137+titles, 17478 +Volumes, 24 Journals. Digital Library with 40 computers, connected with internet. Digital library is equipped with DELNET,INFIBINET
	Boys Common Room	4	150	Well comforted with furniture and other facilities
	Girls Common Room	4	150	Well comforted with furniture and other facilities
	Girls Hostel			Spacious, comfortable with furniture and other facilities
	Boys Hostel			Spacious, comfortable with furniture and other facilities
	Training & Placement cell	1	50	Well equipped with furniture and other training and conference facilities
	Physical Education Department	1	30	With various Sports and games Equipments
	Examination cell	2	180	To serve all students for internal and external examinations
	R&D Cell	1	50	To take up challenges in research
	Alumni Cell	1	30	Well equipped furniture and other facilities
	Computer Centre	1	150	Air conditioned
	English Communications Lab	3	240	Serve the students and faculty to improve language and communication skills
	Computer Labs	9	700	Cater the students and staff computing needs
	Reception	1	30	Well equipped furniture and other facilities
	Food court			Well established with sitting capacity
	Stationery Store & Reprography			Well equipped furniture and other facilities
	IQAC	2	75	A Room with well equipped and work friendly environment with semi-conference facility

The Institution conducts a number of technical fests for the benefit of students and faculty. Institution conducts at least one technical fest in a year. There are also student members in the respective professional societies and these societies also promote technical activities and student participation. The technical event includes activities such as technical quizzes, debates on technical subjects, essay writing competitions on scientific and technical subjects, robotics competition etc. All the students are encouraged to participate in the technical events. Some of our students have participated in technical fests organized in Universities / Institutions and have won prizes in such events.

S.No.	Department	Technical Society Membership
1	Computer Science Engineering	Computer Society of India,
2	ECE	IETE
3	Institutional Membership	ISTE, IETE, CSI

The Institution has spacious class rooms with good seating arrangement for students fitted with fans, tube lights, dust bins, LCD projectors / OHPs, proper writing arrangements, ventilation and greenery around the class rooms.

**Auditorium:** We have an A.C auditorium with 400 seating capacity and open air theatre.

**Cultural activities:** We have open Auditorium with 1000 seating capacity.

**Technical & science events:** We have around 20 LCD Projectors to conduct Technical & Science events.

**Communication skills development”** Full fledged placement cell is available in our college.

**Health and Hygiene:** The medical services are provided by a medical practitioner and the nursing staff, at our medical center in the campus.

The following first aid items are available in the institute.

Item	Availability
No. of first aid kits	With all Labs, Buses, and at important places
No. of beds	2
No. of ambulance with stretchers	1
No. of wheel chairs	1

Sufficient class rooms are available in every department to conduct remedial classes and tutorial classes for weak and needy students.

The Institution has well equipped laboratories and workshops in addition to computing centre and specialised labs established by MNC's like Collaboration with Microsoft, Oracle, CISCO and globe Arena.

The Institution has an auditorium to conduct annual day, alumni meet, sports day, graduation day. Each department has an individual seminar hall for conducting seminars, guest lectures and workshops.

There is a separate placement cell with sufficient number of rooms for group discussion and interviews to be conducted by the companies. The Institution annually conduct the Engineers Day and the Teachers Day and awards are distributed the students in recognition of their excellent services.

To promote teaching and learning effectively to the students a majority of the class rooms are fitted with OHPs and LCDs. The Institution is having digital library with internet facility round the clock to carryout advanced studies and research activity.

Extra-Curricular activities: The extra-curricular activities include the sports, indoor and outdoor games, gymnasium, NSS, cultural activities, public speaking, communication skills, health an hygienic, yoga, etc.

The Institution is providing facilities for the students to participate in sports, cultural and extra-curricular activities. Institution conducts cultural programs in collaboration with electronic media and encourages the students to participate in it to bring inherent talents of them.

The Institution encourages students to participate in state level and inter college tournaments.

Good numbers of sports activities are organized in college making the students to display their talent in sports and cultural events. A spacious play ground is available for outdoor games like, cricket, football, basketball, volleyball, etc.

The Institution also has a separate Girls waiting room. Adjacent to the girls waiting room the indoors games meant for the girls also provided.

The Institution has a NSS and Socially relevant services are provided by NSS students in providing guidance to students in rural areas, community development etc.

Various activities like public speaking, communication skills, and technical skills program are conducted with external agencies for enriching students.

Every year the institution organizes the annual day in which both boys and girls exhibit their talents in performing arts like dances, dramas, etc.

Dedicated sports facilities are established with provision for games and sports. Games like Volley Ball, Foot Ball, Throw Ball, cricket, Table Tennis, Chess, Caroms, etc. and sports like athletics to be played.

**Infrastructure Available**

Sl. No	Sport/Game	No. of Courts	Area	Facilities	Player Capacity
1	Throw Ball	1	60 feet X 40 feet (18.30 X 12.20 Mtrs.)	Throw Balls – 2	24
2	Volley Ball	2	18 Mts. X 9 Mts.	Volley Ball's – 2	48
3	Table Tennis	3		Bats – 10	12
4	Caroms	20		Coins – 20 sets	80
5	Foot Ball	1	100X60 Yards	Balls.2	30
6	Cricket field	1	65 Mtrs.	Kit	28
7	Chess	20	.	Sets. 20	40
<b>Total Students Playing Capacity</b>					<b>262</b>

**4.1.3. How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).**

Institution has developed Infrastructure and facilities as per the AICTE and the affiliating University norms. The campus is totally surrounded with picturesque scenery, plenty of trees greenery around the college building, sufficient space for outdoor games, canteen etc., as required for the welfare of the students.

Plan and optimal utilization of the available infrastructure:

- All our activities have been brought under the ISO quality system.
- By assessing the requirements and availability periodically through reviews, the infrastructure is optimally utilized.
- Common facilities like computer laboratory, library, I year laboratories, Seminar halls etc. are utilized by all departments.
- Library has long working hours (9AM to 7 PM) with internet facilities on all days including Saturday and Sunday.

- Specialised Content Server is maintained 24 hours with technicians working in shifts.

A new initiative to create separate infrastructure facilities for R&D and consultancy is proposed to be taken up shortly.

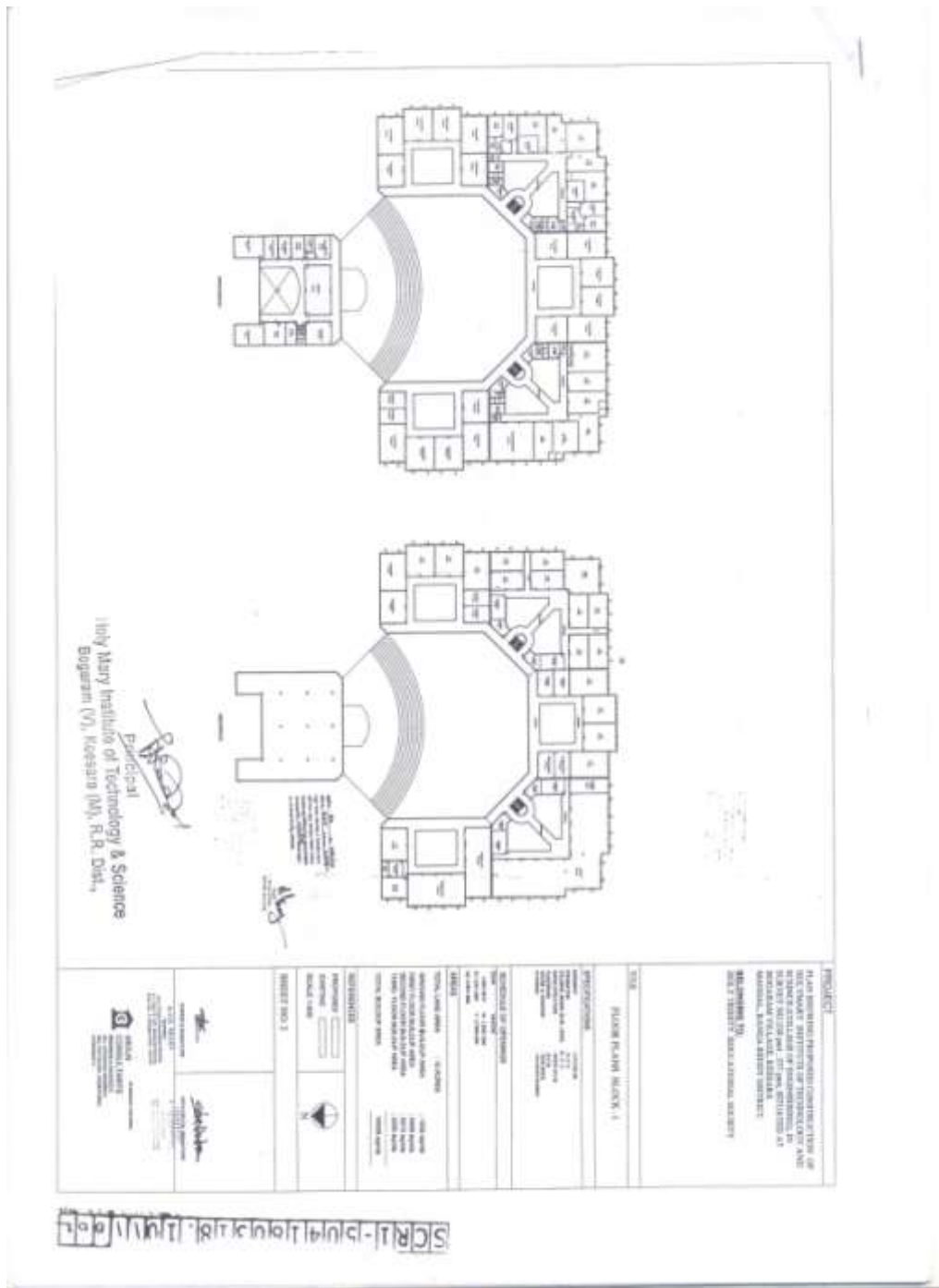
Institution develops the infrastructure in terms of laboratories, class rooms, etc., as and when AICTE approves for additional intake for starting new courses

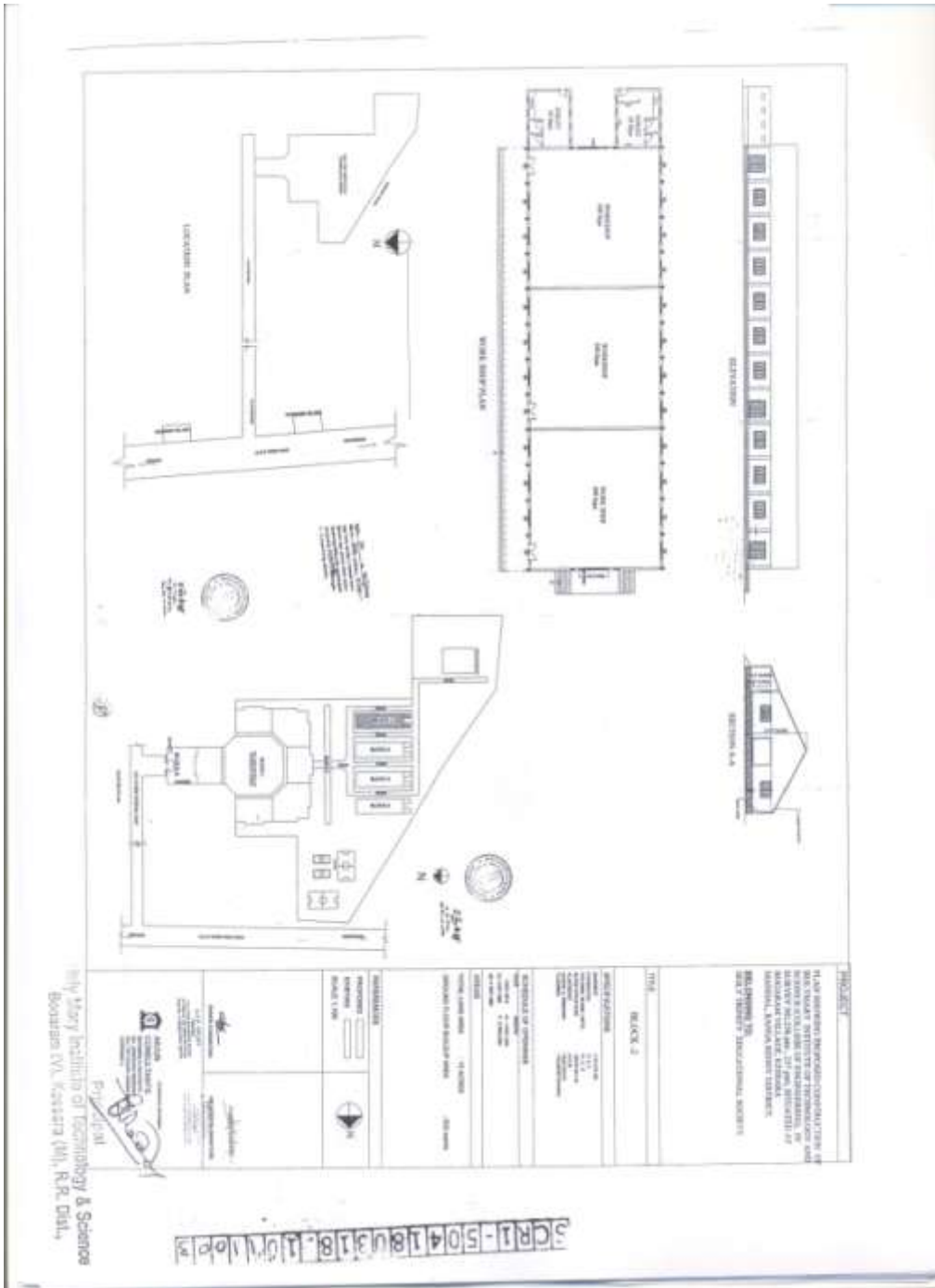
During the last few years all the class rooms are fully equipped with the required furniture, fans lights, OHP/LCD and very good equipment is procured into the laboratories for students to carry out experiments.

**Amount incurred for various facilities developed for the last 4 years (in rupees)**

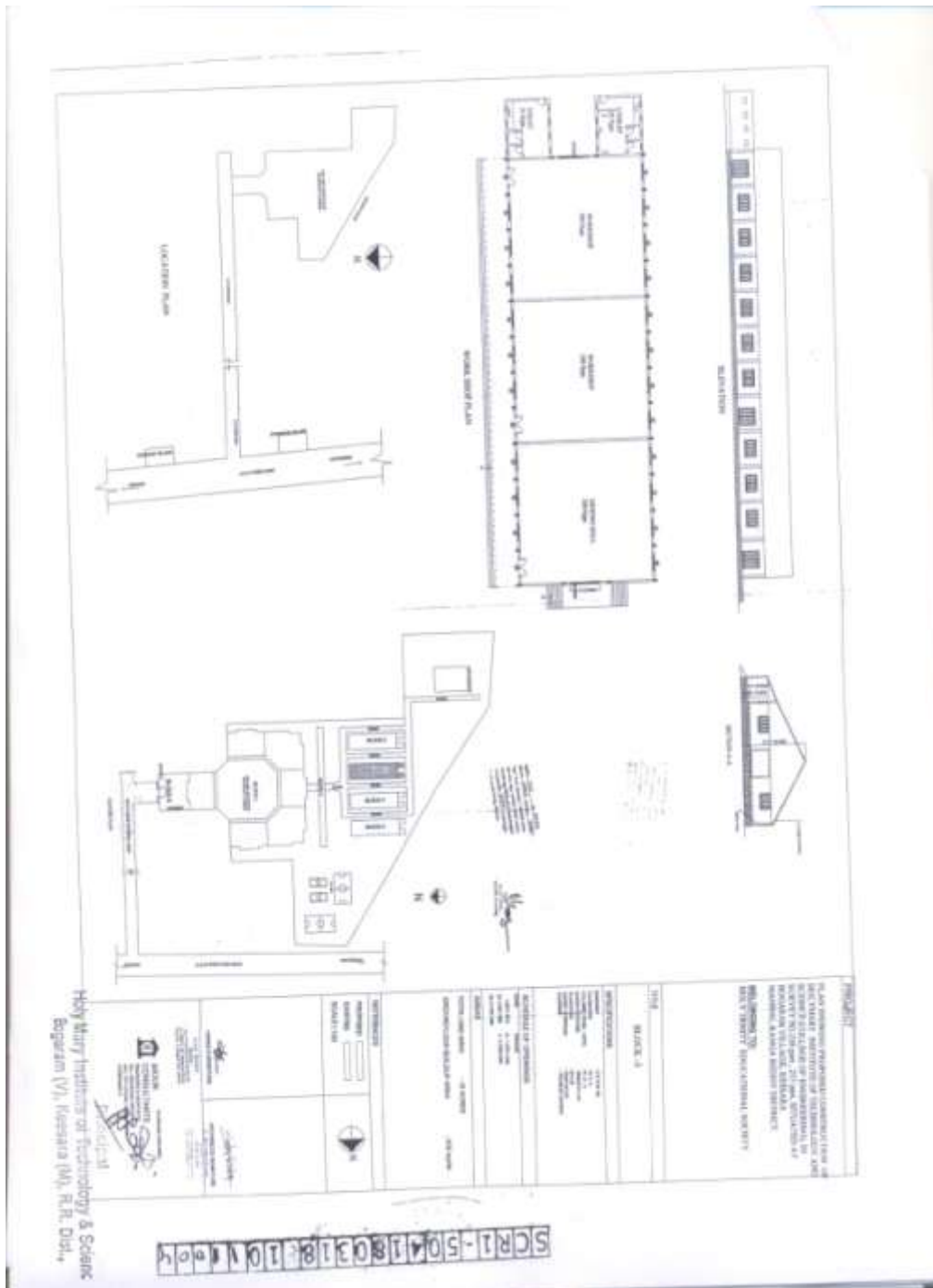
S.No	Description	2016-17	2015-16	2014-15	2013-14
1.	Acquisition of land & new buildings and infrastructural built-up			2298661	5398177
2	Laboratories & Software		10292086	1985027	3749045
3	Library Books & Equipment Library E-Journals, Print Journals & Magazines		1818218	1445574	618833
4	Furniture		75415	73280	
5	Vehicles		345796	500530	
6	Games and Sports utilities		100328		
7	Utilities like Generator , water plant, water coolers etc.		403594	617178	211044
8	Administrative & office equipment		151593	728000	11500
9	Electrical Installation		396788	654210	1219413
10	Motors and pump sets				
11	Air-conditioning		407064		
12	Computer laboratories		3154233	2145433	
13.	Lab maintaince/ consumables/ servicing		1896348	1099712	526338

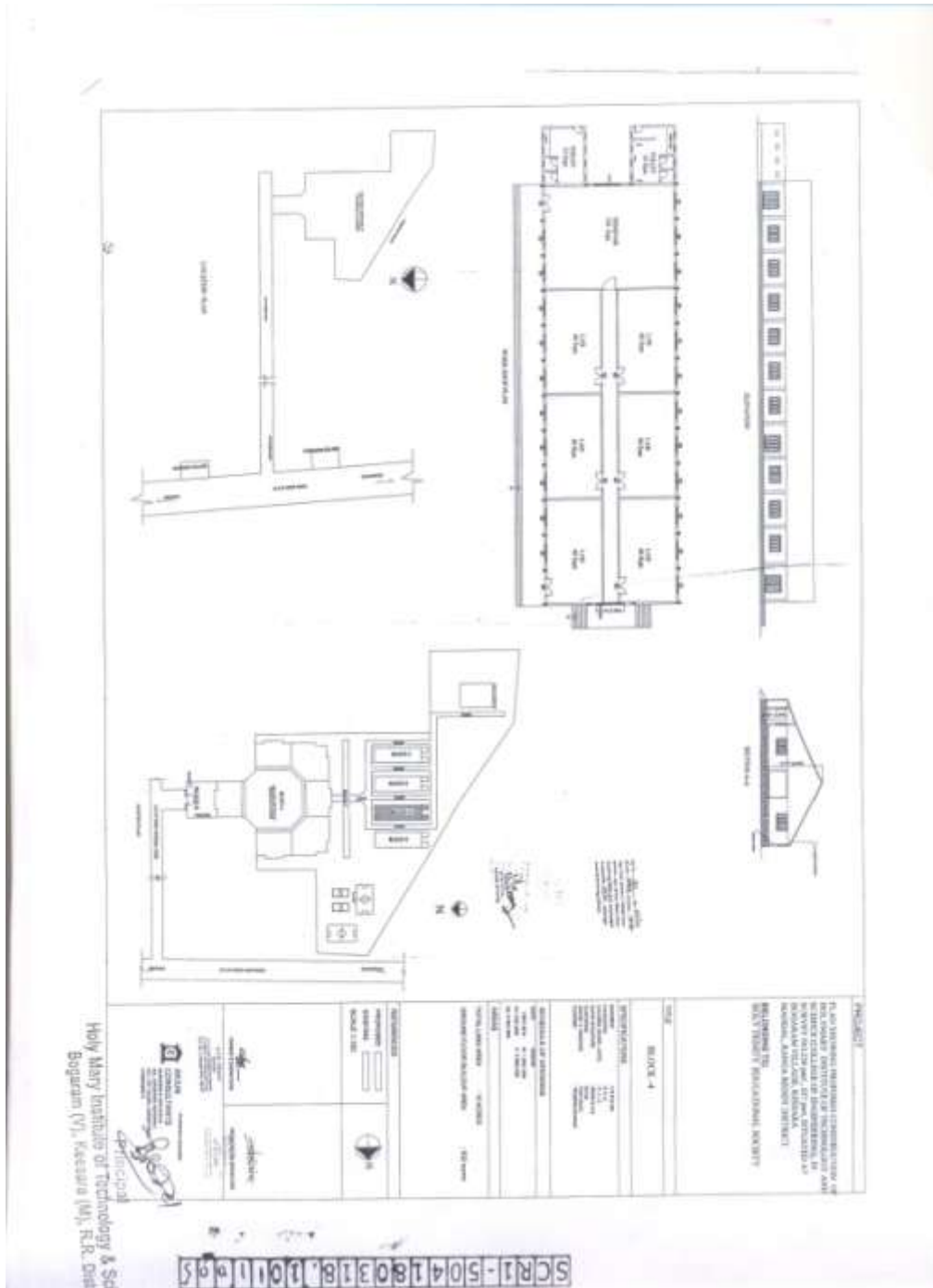
The master plan of the institution is shown below:

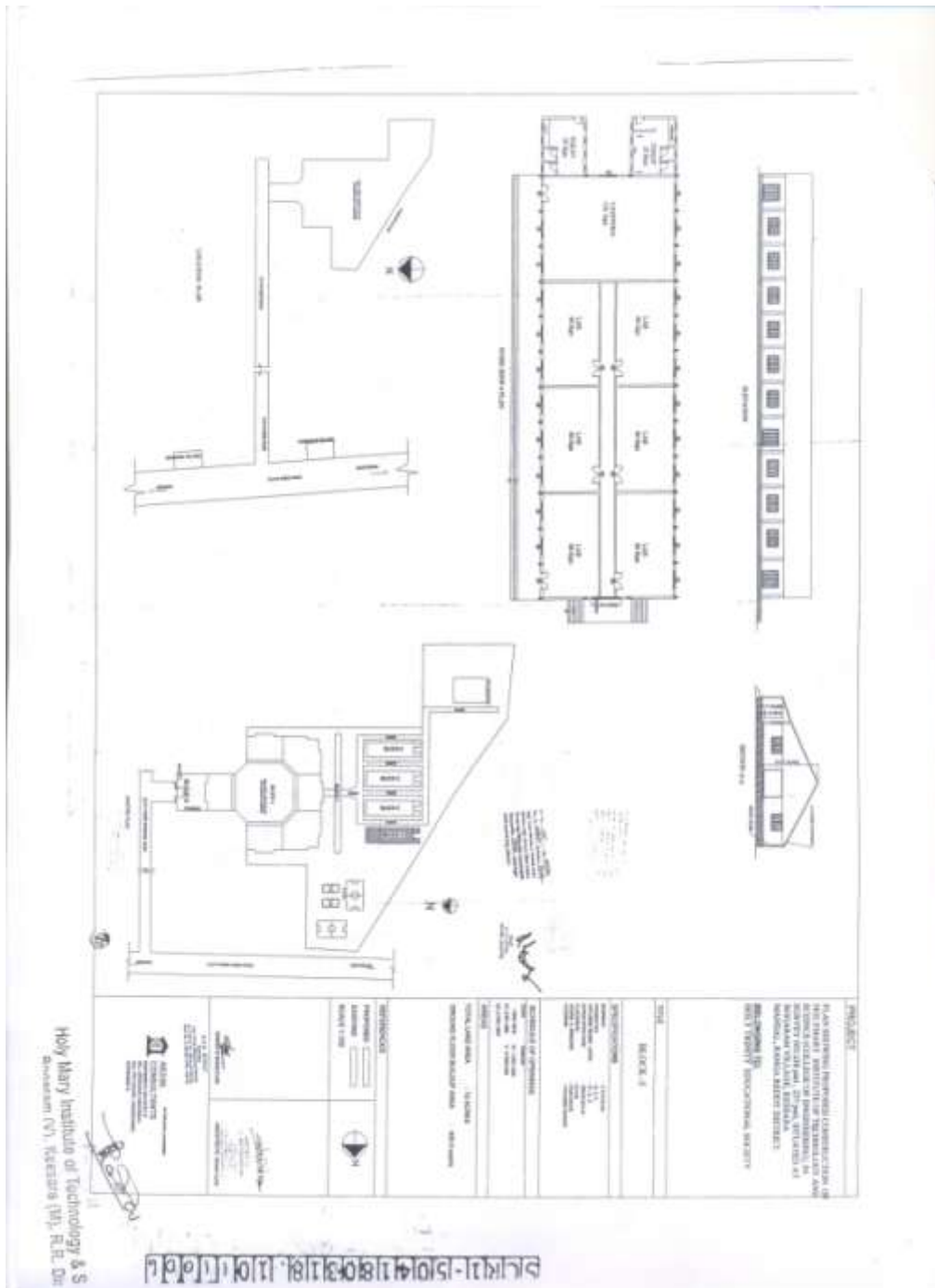














**In the last 4 years the following infrastructural facilities have been developed:**

- Research & Development labs
- Additional laboratories
- Additional Library reading area
- Additional hostel blocks
- Additional Canteen/eat-out facility
- Water Treatment plant
- Sewage treatment plant
- Gymnasium

**4.1.4. How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?**

To ensure that the infrastructure facilities meet the requirements of the differently-abled, the institute conducts its classes in the ground floor and maintains a separate facility for library books arranged through supporting staff. In addition most of the lab facilities are provided in the ground floor with a few in the first floor to provide easy ramp access. Separate toilets are provided and wheel chair facility is made available in the campus with a helper

**4.1.5. Give details on the residential facility and various provisions available within them:**

- Hostel Facility – Accommodation available – Yes
- Recreational facilities, gymnasium, yoga center, etc. – Yes
- Computer facility including access to internet in hostel - Yes
- Facilities for medical emergencies - Yes
- Library facility in the hostels - Yes
- Internet and Wi-Fi facility - Yes
- Recreational facility-common room with audio-visual equipments – Yes
- Available residential facility for the staff and occupancy
- Constant supply of safe drinking water - Yes
- Security – Yes
- The institution has separate rest room facilities for women students and women staff. – Yes.
- The institution has provided hostel facility both for boy students and Girl students inside the campus. One staff member is nominated as hostel warden to look in to the needs of the students in the hostels. The hostel is supervised by the hostel manager in terms of quality of food, infrastructure facilities and other needs of

the students. As on now 200 boy students are accommodated in hostel and 100 girl students are accommodated in girl hostel. There is a separate hostel manager who interacts with the students in the preparation of food items every day. Breakfast, Lunch, evening snacks and dinner is provided for all the boarding students, both for boys and girls and on festivals and other important occasions, special items are also served to the students.

- Recreation facilities, is also available in the institution. Both boys and girls make use of the facilities available for indoor and outdoor sports facilities. Outdoor sports like, volley ball, Badminton and Indoor games like, caroms, chess, and Table tennis are available for the benefit of the students. A majority of the students have made use of these facilities and have participated in inter college games and sports.
- The institution has a Wi-Fi and central computing facility. The hotels are also provided with internet facility and students effectively make use of the facilities.
- Medical facilities are also available in the institution and first aid boxes with a reasonable amount of emergency medicines are also made available in the hostels. A part time Doctor is appointed who comes to the college everyday and also spends some time in the institution and hostels to take care the medical requirements of students. The institution has identified a nearby hospital, in case of the students and faculty to be admitted as in patients. An ambulance support is available round the clock.
- Some periodicals, magazines, newspapers are available for the students in the hostel apart from entertainment facilities like cable/dish TV.
- The institution procures pure drinking water for all the students, faculty and staff. The ground water is being used for other purposes.
- The campus is totally secured with the help of security personnel provided by the security agency. For safety against fire, adequate numbers of fire extinguisher and water points are available in the college and also in the hostel.

**4.1.6. What are the provisions made available to students and staff in terms of health care on the campus and off the campus?**

The institution has appointed a Doctor to see the welfare of students, faculty and staff. The doctor comes to the medical centre in the campus every day and to the hostels. Sufficient medicines as suggested by the doctor are made available. Denaturated saline water, anti-biotic, first aid box are also available in the dispensary provided with two beds. The college has facility like ambulance with stretcher and wheel chair for the facility of the injured. Medical Insurance to all students and faculty is provided by the institution. Two good hospitals are available

within 5 k.ms distance namely: Vidya Hospitals and Kalki Hospitals. We have MOU with these hospitals.

**4.1.7. Give details of the Common Facilities available on the campus – spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc**

**IQAC:** The institution has established an Internal Quality Assurance Cell (IQAC) on 15.06.2013. A majority of suggestions made by IQAC are implemented in our institution like implanting innovative teaching methods, organizing workshops and conferences, teaching add on course beyond syllabus, taking membership in professional bodies like ISTE, CMSI, CSI, IEI etc

**Counselling and career guidance:** Placement cell, headed by Training and Placement Officer is located in the main block. The infrastructure facility consists of TPO’s chamber, room for aptitude trainer, dining facility and cubicles for the purpose of interviews during campus recruitment. The career counselling activity is taken up by the T & P cell. Personal and academic counseling is carried out in a systematic manner through proctorial system which has been in place at HMITS for the last 8 years and also by organizing various guest lectures, seminars etc.

**Health care:** The institution has appointed a Doctor to see the welfare of students, faculty and staff. The doctor comes to the college every day and to the hostels. Sufficient medicines as suggested by the doctor are made available. Denaturated saline water, anti-biotic, first aid box are also available in the dispensary provided with two beds. All the staff and students of the institute can avail the facility.

**Canteen:** A centralized spacious canteen to cater the needs of the staff and students in which quality and hygiene are given utmost importance in both cooking and serving. The canteen as also provided with a modern kitchen.

**Auditorium:** An auditorium which is fully furnished and centrally air-conditioned with a seating capacity of 400 is available in the institute.

**Drinking water:** Continuous water supply is ensured through bore wells and fresh water canal available near the college and for drinking water a RO plant (Mineral water plant) with a capacity of 2000 liter per hour of drinking water has been installed.

**Power supply:** Electrical power is supplied to HMITS through a 11 K.V. 3- phase feeder from TSSPDCL. The institute presently having a stand by 250 KVA diesel Generator to support the power segment in case the Govt supply fails. This is 100% backup.

**Communication:** The Management has provided Mobile phones to all the functionaries in group calling facility.

**Transport:** Considering the need to provide comfortable and safe transport to the students & staff, the institute is running a fleet of 18 buses.

The following table indicated the location of these facilities available:

S. No:	Description	Committee Head	Located in
1.	Student welfare and disciplinary action committee	Y.D Soloman Raju	ECE Dept
2.	Grievances and redressal cell	Y. D. Soloman Raju	ECE dept
3.	Examination Cell	Y. Rama Krishna	Exam Branch
4.	Training and placement cell	R. K. Dinavahi	Admin Block
5.	Carrier Guidance Cell	R. K. Dinavahi	Admin Block
6.	Woman empowerment cell	M. Siva Parvathi	Civil dept
7.	Academic monitoring cell	E. D Francis	Principal Office
8.	Library and Co-curricular activities	N. Kamalakar Reddy	Library
9.	Sports and Games Committee	S. G. Hari Nath	Sports Room
10.	NSS Activities	K. Kanthi Kumar	NSS Cell
11.	Anti-Ragging Committee	Y. D. Soloman Raju	ECE dept
12.	Canteen Committee	K. Kanthi Kumar	Admin office
13.	Health Centre	K. Kanthi Kumar	Lib block
14.	Hostel Committee	M. Durga Prasad	Admin block
15.	Computer Centre	V. Vidya Devi	CSE dept
16.	Recreation facilities	S. G. Hari Nath	Sports block
17.	Research and Development Committee	C. R. K. Prasad	EEE dept
18.	Alumni Association	N. N. Gandhi	Admin Block
19.	Governing Body	A. Vara Prasad Reddy	Admin Block
20.	College Advisory Committee	N. Subash Chandra	Principal office
21.	Entrepreneur Development Committee	T. Jhansi	Admin block
22.	Cultural Committee	K. K. Dhawan	EEE dept
23.	Finance & Purchase Committee	Srinivas Rao	Admin Block
24.	General Maintenance Committee	M Durga Prasad	Admin Block
25.	Transport Committee	E Sri Krishna	Admin block
26.	IQAC	V. Krishna	Principal office
27.	RTI Cell	T. Eshwaraiah	Admin block
28.	Industry Institute Partnership Cell	R. K Dinavahi	Admin Block

The institution had a health centre in the campus. Doctor is available on all working days to the students and staff. In addition to that health



camps are organized regularly in coordination with the surrounding reputed hospitals.

#### 4.2. Library as a Learning Resource

##### 4.2.1. Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly? Yes

The library committee consists of Principal as Chairman, Librarian as Convener, one faculty member from each department and one topper student from 3<sup>rd</sup>, 4<sup>th</sup> year of each branch.

##### Library Committee:

S.No.	Name of the Person	Designation	Position
1	Dr. N. Subhash Chandra	Principal	Chairman
2	Mr. N. Kamalakar Reddy	Librarian	Convener
3	Mr. K. Kanthi Kumar	Associate Professor ECE	Member
4	Mr. M. Harish Kumar	Assistant Professor, CIVIL	Member
5	Ms. D. Anuradha	Assistant Professor, ME	Member
6	Mrs. Y. Archana Sai	Assistant Professor, EEE	Member
7	Mr. D. Rambabu	Assistant Professor, CSE	Member
8	Mr. G.Vasudev	Assistant Professor, H&S	Member
9	Mr. Amit Kumar	Student, ME-III	Member
10	Mr. Afroze	Student, EEE-IV	Member
11	Mr. Sai Teja	Student, ECE-IV	Member
12	Mr. P. Srikanth	Student, CSE-III	Member
13	Mr. Rasheed Pasha	Student, Civil-IV	Member

The committee meeting will be held once in a semester. The committee discusses and tries to implement the aspects like:

- What are the recent developments and requirements of the students and the faculty during the past semester.
- Up gradation of library through new titles and increase in the number of volumes of existing titles.
- Steps to be taken to make library more user-friendly.
- Evaluation of the library usage
- Library services and usage Feedback from members (students and faculty)
- Introducing Student ID card system
- Provision of Departmental library
- Provision of a Xerox facility for faculty and students. Software is provided for management of library books, journals and other reading resources.
- Provision of Digital library with Galileo Centre for excellence within the library for the benefit of students and faculty.

- Institution library is kept open beyond working hours. Electronic surveillance system in the library is contemplated.

**4.2.2. Provide details of the following:**

Total area of the library (in Sq. mtrs) : 684

Total seating capacity : 250

Timings:

Academic (Working Day) : 9:15 a.m. – 7.00p.m.

Academic (Weekend) : 9:30 a.m. – 2.00p.m.

Vacations : 9:00 a.m. – 6.00p.m.

**Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

**Floor Plan**

Reading space : 993 sft

IT Zone : 1198 sft

Reference section : 2113 sft

Book racks : 1575 sft

Others : 630 sft

In addition to the above the library is fully equipped with Internet/ Intranet, DELNET and other membership archive's, computerization for search indexing, issue and return records with bar-coding facility.

**4.2.3. How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.**

The individual departments basing on the curriculum changes and also with the knowledge of new arrivals recommends text books, reference books and journals to the library. Accordingly the library budget is allocated. During the library committee meetings developments that are required to improve the library are discussed and modifications will be made accordingly.

During the last 4 years the following amounts were spent towards books, journals, e-resources etc.

S. No.	Amount Spent	Year 2016-17 (Rs. In Lakhs)	Year 2015-16 (Rs. In Lakhs)	Year 2014-15 (Rs. In Lakhs)	Year 2013-14 (Rs. In Lakhs)
1	Text Books Reference Books, Journals, Periodicals, E-Resources, Library Furniture,	700000 (Budget)	687209	567746	520049

	Printing & Stationary.				
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**4.2.4. Provide details on the ICT and other tools deployed to provide maximum access to the library collection.**

**OPAC** : Is available with search facility wherein search by Author, Title, Subject, Keyword, Department, Publisher, Year of Publication and ISBN

**Electronic Resource Management package for e-journals:**

Subscription of e-journal packages of IEEE and ASME journals

**Federated searching tools to search articles in multiple databases:**

No

**Library Website:** www.hits.ac.in

**In-house/remote access to e-publications:** 40 Computers with Wi-Fi enabled connections for internet provided

**Library automation:** Library is automated through ez-Library software from Volksoft Technologies

**Total number of computers for public access:** 20 (Twenty)

**Total numbers of printers for public access:** 2

**Internet band width/ speed:** 50 Mbps

**Institutional Repository:** Hand notes/lecture notes

**Content management system for e-learning:** NPTEL lessons available which can be accessed through intranet

**Participation in Resource sharing networks/consortia (like Inflibnet):** Yes, the institution has a Membership of DELNET facility to view the index of various books of National and International publications.

**4.2.5. Provide details on the following items:**

- Average number of walk-ins: **400**
- Average number of books issued/returned: **180**
- Ratio of library books to students enrolled **20:1**
- Average number of books added during last three years - **3748**
- Average number of login to opac (OPAC) - **90**
- Average number of login to e-resources - **40**
- Average number of resources downloaded/printed: **20**
- Number of information literacy trainings organized - **5**
- Details of “weeding out” of books and other materials -**150**

**4.2.6. Give details of the specialized services provided by the library**

**Manuscripts:** Project reports of UG and PG students. Question banks, old question papers, departmental question papers, project reports, case studies, internal question papers for the benefit of the students. Copies

of reports of project works of faculty members funded by UGC, AICTE and other funding agencies.

**Reference:** There is a Reference section with reference and text books prescribed in curriculum.

Reprography: Available

**ILL (Inter Library Loan Service):** Yes, the Library borrows books from other libraries through DELNET as a resource sharing facility.

**Information deployment and notification:** Current information about competitive exams and other notifications will be displayed on Library notice board

**Download:** Available. Students are allowed to download articles from e-books and e-journals, online lessons from NPTEL and material required for personality development sessions.

**Printing:** Printer and scanner are available in the library

**Reading list/ Bibliography compilation:** List of documents /textbooks prescribed available.

**In-house/remote access to e-resources:** Internet facility with 20 computers and also the campus is Wi- Fi enabled.

**User Orientation and awareness:** User orientation programme is conducted and pamphlets about library are distributed to users. Updated information is displayed at Notice board /website-Library webpage as well as Message alerts are sent.

**Assistance in searching Databases:** Library personnel will assist users in searching database

**INFLIBNET/IUC facilities:** Institution has a DELNET membership.

**4.2.7. Enumerate on the support provided by the Library staff to the students and teachers of the college.**

- Individual User orientation
- Information about new arrivals
- Educate as to how to use E-Journals
- Providing hands-on experience to access e-resources
- Information alert services on New arrivals
- Books/other materials Reservation facility
- Providing assistance to search reserved books on stacks.
- SMS services for overdue books
- Overnight issues of reference materials
- Library staff provides full support in getting teaching resources, journals, and periodicals from publishers.

- They also help student and faculty in down loading a research paper and give them a printed copy.
- Library has a well-furnished study Centre with a seating capacity of 200 students.
- Call facility for a book on demand is available.
- Library also maintains a copy of advertisements, examination dates and other details provided by DTE, JNTUH.

**4.2.8. What are the special facilities offered by the library to the visually/physically challenged persons? Give details.**

The library is located on the ground floor. No visually/physically challenged students are admitted in the College. However, such students need not necessarily go to the library; The institution will provide the service to physically/visually challenged users in the class room itself.

**4.2.9. Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?) -YES**

The librarian gets feedback from the students, faculty, staff and others permitted by the institution. The following strategy is adopted by the institute to collect the feedback. The student's feedback is taken twice a year. The feedback box is kept in the library. The librarian collects the feedback and is analysed by the library committee. The R&D cell and the industry institute cell also give feedback. Based on the feedback the library committee looks into the improvements of the library system in purchasing new titles, volumes and journals. Extended working hours as suggested by the students is also taken in to account.



**Bogaram (V) Keesara (M) Medchal (Dist)**

**LIBRARY FEEDBACK FORM 2016**

**Please give us your feedback for the Library services and facilities. Your feedback will help us further improve the services we provide.**

1. Name : \_\_\_\_\_ 2.. Program : \_\_\_\_\_  
3. E-Mail address: \_\_\_\_\_ 4. Contact Number : \_\_\_\_\_  
5. Please circle your rating on the Library services and facilities:

5	4	3	2	1
Excellent or Very Satisfactory	Good or Satisfactory	Average	Poor	Does not apply
85-100%	75-84%	60-74%	45-59%	0-44%

**6. Please give us your feedback/suggestions to the Resources/Services/Facilities of the Library:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Holy Mary Institute of Technology & Science *LIBRARY FEEDBACK FORM*

### 4.3. IT Infrastructure

#### 4.3.1. Give details on the computing facility available (hardware and software) at institution

##### Number of computers with Configuration

S.No	System Type	System Configuration	Quantity
1	Pre Fabricated (ME)	I3 3.0Ghz ,4GB Ram,500gb Hdd, 17"Lcd monitor Kb/Mouse	30
2	Pre Fabricated (EEE)	I3 3.0Ghz ,4GB Ram,500gb Hdd, 17"Lcd monitor Kb/Mouse	30
3	DBMS SERVER (IT&CSE)	DELL 2300,3.0GHZ,4GB RAM,450GB HDD,17 LCD MONITOR	2
4	HP thin Clients	400 MHz,128 MB, 15" TFT Monitor	150
5	HP Compaq Laptops	AMD 2 GHz, 1 GB RAM, 160 GB, HDD, 15" LCD Monitor	200
6	IBM	PIV 2.66Ghz ,1Gb RAM,80 GB HDD 15" CRT MONITOR	30
7	IBM	PIV 2.66Ghz ,1Gb RAM,80 GB HDD 15" CRT MONITOR	20
8	Dell(246,248)	DELL OPTILEX 330 PIV 2.0GHz , 1 GB RAM,160 GBHDD, 17"LCD MONITOR	140
9	Acer(MIC)	Intel I3 3.0 Ghz,2 Gab DDR-3,500 Gb HDD,17"Acer LCD Monitor K/b	50
10	Zebronics	Intel Core2 duo 1.60 GHz , 1 Gb Ram, 160 Gb HDD, 17"LCD MONITOR	60
11	Zebronics (PG)	Intel Core2 duo 1.60 GHz , 1 Gb Ram, 160 Gb HDD, 17"LCD MONITOR	60
12	Zebronics English Lab (252)	Intel Core2 duo 1.60 GHz , 1 Gb Ram, 160 Gb HDD, 17"LCD MONITOR	60
13	Zebronics English lab (136)	Intel Core2 duo 1.60 GHz , 1 Gb Ram, 160 Gb HDD, 17"LCD MONITOR	60
14	CSE LAB SERVER Thin Client	HP PROLIANT ML 350 ,QUAD CORE,9GB RAM 320GB HDD 15" MONITOR	2

- Computer-student ratio : 1: 2
- Stand alone facility: **yes**
- LAN facility : **890 Systems**
- Wifi facility : **20 Systems**
- Number of nodes/ computers with Internet : **109**
- Licensed software's

**Application software's:**

<b>S.NO</b>	<b>DESCRIPTION</b>
1	MS office 2007, Microsoft
2	MSDN kit, Microsoft
3	English lab software kit, Globalina
4	Java beans, sun systems
5	C,C++, Code gear
6	Oracle 10G, oracle
7	Rational rose, IBM
8	Matlab, Math works
9	.net, Microsoft
10	Auto CAD, Auto Desk
11	Norton AntiVirus, Norton
12	Xilinx, Xilinx
13	My SQL, MY SQL
14	Open Office, Apple
15	Adobe Flash, Adobe Systems
16	Multisim,
17	Embedded Keil,
18	Micro processor TASM,MASM
19	Pspice
20	PhotoShop, Adobe Systems
21	Acrobat Reader, Adobe Systems
22	SQL, Server 2008, Microsoft
23	Pro E Uplus WildFire 5.0, PTC
24	Mentor graphics
25	Masam
26	RTOS

**System software's:**

<b>S.NO</b>	<b>DESCRIPTION</b>
1	Windows XP (with service pack 2)
2	Windows 2003
3	FEDORA 10
4	UBUNTU8.0
5	SOLARIS
6	SUSE LINUX 9.0



**4.3.2. Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?**

Internet service is available for both faculty and students in the campus. 159 systems are provided with internet facility in the central computing centre. All the departmental computing centers are provided with internet facility. 40 systems are provided with internet facility in the central library. Internet service is provided to both girls and boys hostels. The College provides internet facility to staff members at the respective departments so that they can update their knowledge with latest developments and also avail e-resources which will help them in improvising teaching - learning process. The Principal's Office, Administrative Office, Examination Section, Training and Placement Cell and Senior Faculty member cabins are provided with internet facility. Wi-Fi connectivity is available in and around the campus. Off campus access to some online journals, NPTEL is given to students and faculty.

**4.3.3. What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?**

Microsoft innovation center is established in the college for development of students to get the job in various software companies. Keeping in mind the importance of technological changes and the role of ICT in transfer of such knowledge to the student community, the institute plans to develop the IT infrastructure in many ways such as:

- To provide computer facility to every faculty member.
- To increase the bandwidth of internet facility
- To deploy e-governance throughout the institution through expansion of Information Management System.
- All class rooms to be made state-of-the-art smart and hi-tech class rooms.
- To develop e-learning facilities utilizing the resources of the faculty.
- To develop multimedia based educational modules for the various courses.
- To procure and install industry specific software and to train students on these platforms to enable them to become industry ready products.

**4.3.4. Provide details on the provision made in the annual budget for procurement, up-gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)**

S.No	Provision	Annual Budget			
		2016-17	2015-16	2014-15	2013-14
1	Procurement, Upgrading, Development	14,00,000	19,00,000	24,00,000	9,00,000
2	Maintenance	9,50,000	13,50,000	4,50,000	4,50,000
	<b>Total</b>	<b>23,50,000</b>	<b>32,50,000</b>	<b>28,50,000</b>	<b>13,50,000</b>

**4.3.5. How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?**

The college has its own active website given as [www.hits.ac.in](http://www.hits.ac.in). The lecture halls of the institution are provided with LCD projectors. NPTEL based software for applicable subjects are procured and loaded on dedicated personal computers issued to faculty of the concerned departments. Institution has software that monitors the attendance of the students and informs the parents if the student is absent on a particular day/class. It also monitors the academic activities like work plan execution, course completion, extension lectures, seminars, workshops. Faculty members prepare PPTs, Models, and other learning materials using software to make the lecture interesting. Faculty members also download learning material for the benefit of the students. NPTEL lectures, solutions to old question papers and faculty notes and solution to problems are placed on the server for the reference of students and junior faculty. Lesson plans are prepared in soft format in the computer and shared with students. Attendance, internal assessment and University marks are software based. Students' feedback is taken online. Analysis of students' feedback is generated using software.

**4.3.6. Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching- learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.**

To make the student attentive and engaged throughout the class is a challenge to every teacher. This is possible through effective and interactive teaching. Apart from teaching skills and the knowledge of the faculty, PPTs and relevant videos help the student to easily grasp the concepts and gain maximum information in the class room. Hence

all the faculty in the college are encouraged to use such modern methodologies.

To effectively utilize the highly accessible internet and intranet facility, ICT enabled class rooms, e-learning material are made available to the faculty and also students. In the library, e-learning material (NPTEL video lectures) and the accession of online lectures of various experts from IITs, NITs and Reputed institutes and online journals are made available.

All the above make the teaching-learning process student centric and make the teacher take on the role of a facilitator.

**4.3.7. Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of ?**

Yes, The Institution has connectivity with the National Knowledge Network. The institute is connected to the university content through its Portal and also we have access to NPTEL and QEEE lectures of IIT, Madras. To have uninterrupted connection College is equipped with 50 Mbps bundle bandwidth.

**4.4. Maintenance of Campus Facilities**

**4.4.1. How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)**

The institution allocates maintenance budget for utilization under the following heads, viz., Building, Furniture, Equipment, Computers, Vehicles, and Others. The details of budget allocated during the last 4 years are shown in the following table:

S. No	Description	Year 2016-17 (Rs. In Lakhs)	Year 2015-16 (Rs. In Lakhs)	Year 2014-15 (Rs. In Lakhs)	Year 2013-14 (Rs. In Lakhs)
1.	Building		75415	3099941	5809017
2.	Furniture				
3.	Equipment	5100000	10100000	5250000	5960245
4.	Computers	1000000	1108642	2492759	44329
5.	Vehicles				
6.	Maintenance and Repairs	1350000	1891950	810585	508885
7.	Others	1330000	1519411	289127	197588

**There is an active College Maintenance Committee which takes care of the following :**

**Campus Maintenance**

- Maintenance of the buildings
- Maintenance of the lawns and surroundings
- Carrying out minor repairs of furniture, electrical and sanitary fittings
- Maintenance of the roads, water tanks and other services in the compound
- Monitoring security
- Ensuring the safety requirements in the campus

**Fleet Maintenance**

- Maintenance of the college buses
- Getting clearance certificates, insurance, permits etc. for the college vehicles
- Routine checking of the condition of the vehicles
- Ensuring safety requirements like operation of speed governors fire extinguishers etc.
- Fitness and eye tests for the drivers regularly.

**4.4.2. What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?**

The major equipment purchased is entered into the stock register along with the date of purchase, name of the article, cost of the article, vendor supplied, and break down if any, maintenance if required. Service requisition is forwarded by the lab in charge to the HoD, and the HoD in turn sends a requisition to the principal for the repair. After sanction approval is received by the HoD, the department carries out the required work. Record is made in the register about the nature of the repair carried out along with the date. The same procedure is applied for any equipment used in the laboratory, computers, furniture, building repair, etc., The Institution also provides maintenance budget for the department.

The annual maintenance of the equipments in all labs will be done during the summer vacation every year. The technical and non-teaching staff will be engaged in this activity and they ensure that all equipment are functioning well and also seek external expertise if needed during the period. This ensures that teaching-learning process is run smoothly in all aspects throughout the year.

The stock verification will be done during the same period to help identify the nonworking equipment and suggest necessary replacements. Regular cleaning and upkeep of the equipment is overseen by the faculty member who is the in-charges of the laboratories. The annual budget and allocation of funds for and regular monitoring of utilization of funds for maintenance insures upkeep of the infrastructure in the institute. Annual maintenance contract (AMC) is given for critical and sophisticated equipment.

In addition to the maintenance of the academic area, the areas of hostels, canteen etc, is also undertaken. White wash and painting of the building is done periodically. The quality of work carried out is inspected by a project engineer of the college and certified prior to the clearance of the bills.

A Gardner looks after the maintenance of the garden along with his subordinate staff in clearing, watering, de-weeding, maintenance, lawns and horticultural equipment and record keeping. The electricians ensure timely serving of diesel generator sets, as per the manual supplied by the manufacturer. The college building, toilets are periodically maintained by the concerned staff, with de odorants, like phenyl and keep them in hygienic condition.

The institution has 17 number of buses, with valid permits and driving licenses, all the drivers are advised to be polite and courteous to the students and others travelling by buses. The drivers association of the institution believes safety of the students first, and next speed. The vehicles are periodically checked and maintained by an automobile agency and fitness certificate is obtained from the RTA, T.S.

One male teacher and one female teacher is identified as hostel wardens for boys and girls respectively for monitoring and functioning of the hostels along with the student representatives. Inspection is done by the chief warden or coordinator of students affairs in keeping the hostels clean hygienic and inspecting the quality of food.

#### **4.4.3. How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?**

The calibration process will be taken up by each department for various equipment as per the time frequency suggested by the supplier. Calibration is done internally by metrology lab in-charge of mechanical department. Institution takes the help of external agencies for calibration of equipment. Usually the calibration is done once in a year. Similarly the vehicles used by the students, faculty and other are periodically checked once in 5000 Kms. The condition of the vehicles and the equipment used is constantly monitored and reviewed.

**4.4.4. What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?**

The institution has 250 KVA generator which helps in continuous power supply without any interruption. The computer systems and other sensitive lab equipment are provided with UPS systems to protect them against voltage fluctuations. All precautions are taken to protect the precision equipment by providing CVT's and individual MCB's. Covers are provided where-ever needed to protect the sensitive equipment from dusty environment. Electrical grounding (Earthing) is provided at important locations. Fire extinguishers are provided in all hazardous places including labs. Purified drinking water is provided in the college through water coolers.

## **CRITERION V STUDENT SUPPORT AND PROGRESSION**

### **5.1. Student Mentoring and Support**

#### **5.1.1. Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?**

**Yes.** The college publishes prospectus/ student Hand book every year. It provides valuable information for the benefit of students, staff and parents. It gives the details about the vision, mission statements and the quality policy of the institution, the society and the governing body members, UG and PG programs offered, admission process, rules of conduct, counselling and placement, faculty details, laboratories available, infrastructure and other facilities available in the institution. The college also publishes the academic calendar, co-curricular and extra-curricular activities like, seminars, workshops, symposia.

The handbook/ syllabus book has the academic rules and regulations which the students need to observe during their course of study at the institute. It contains information regarding course structure, subjects, optional electives & syllabus. The institute also publishes a magazine, annually and each department releases News Letter bi-monthly. The website is also updated regularly and the students are informed to browse the same. This ensures institutional accountability and commitment to all the stake holders.

#### **5.1.2. Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?**

At present there is no institutional scholarship, but the institution provides financial aid for bright and needy students. The management has given some fee exemptions towards tuition fee, bus fee, hostel fee and other sponsorships are also provided. The students who secure EAMCET Rank below 5000 are given free seat in the College. The eligible students belonging to the SC/ST category get stipend sanctioned by the Government. The Government of AP provides different types of scholarships to students such as tuition fees waiver for eligible candidates.

There is a mechanism in which, all the students admitted under the Govt. quota are eligible for fee re-imburement, for which the fee fixed by the Govt. of T.S. is Rs 35,000/-.

In addition to the above scheme, the weaker section students (BC, SC, ST, etc.) admitted under Category-A are also eligible to apply for scholarships from the commissioner of Back ward Class, Commissioner for Scheduled Castes and Scheduled Tribes. The details of the financial assistance given to the students by the Institution and Govt. during the last 4 years is shown in the following table:

S. No.	Scholarship/ Fellowship Details	Year 2016-17 (Amount received in Lakhs)		Year 2015-16 (Amount received in Lakhs)		Year 2014-15 (Amount received in Lakhs)		Year 2013-14 (Amount received in Lakhs)	
		Number	Amount	Number	Amount	Number	Amount	Number	Amount
1.	Students scholarship (Under Convener Quota)	807	45111300	935	40729700	930	39948600	760	42484000
2.	SC	204	11403600	231	12912900	217	12130300	166	9279400
3.	ST	142	7937800	152	8496800	137	7658300	105	5869500
4.	BC	424	23701600	514	17990000	537	18795000	456	25490400
5.	EBC	224	12521600	244	8540000	247	8645000	226	12633400
6.	Minority	37	2068300	38	1330000	39	1365000	33	1844700

**5.1.3. What percentage of students receives financial assistance from state government, central government and other national agencies?**

70% of students belonging to SC/ST, OBC category and receive financial assistance from State Government every year. The Institute helps the students to fulfill the initial formalities like filling online forms and the hard copy of the form, and the essential documents are attested by the officer in charge.

**Fee reimbursement from State Government:**

Description	2013-14	2014-15	2015-16
Total Numbers	1286	1179	1177
Total Amount Rs.	50378200	49269700	48593600



**5.1.4 What are the specific support services/facilities available for Students from SC/ST, OBC and economically weaker sections:**

The SC /ST students receive financial assistance in the form of tuition fee, maintenance charges and pocket money from the Central Government as per the rules and regulations. The OBC Students also receive financial assistance from government in terms of tuition fee and maintenance charges and economically weaker sections get fees reimbursement as per the government rules. The college provides economic support in specific cases by reducing the tuition fees. The college has a system of special training for academically weak students. Book bank facility is provided in the library for such students. Institution provides Information on various scholarships and funding agencies to such students and also assistance is offered to obtain scholarship sanctioned by state and central governments.

**Students with physical disabilities:** Lecture halls are arranged in the ground floor to the physically disabled students. For such students, hostel rooms are also arranged in the ground floor. They are allowed to use three wheeled motor cycle inside the campus to go for laboratory, library, department blocks, hostel etc. The stool height is adjusted so that it would be easy for them to perform experiments on test bench in laboratories. They are also allowed to sit in first row of the class room to have a clear view of the board. Government supports them through scholarships.

**Overseas students:** There were one, eight: eleven overseas students during 2013-14, 2014-15 and 2016-17 academic years respectively. Career guidance given to students from other countries, assistance provided to them for extension of visas. Constant interaction with their parents regarding their progress was maintained, Special counseling was offered for personal and educational needs.

**Students to participate in various competitions National and International:** College encouraging the winners by reimbursing the travel expenses, registration fees and also rewarding them with prize money matching to the money won by them. Due consideration given in respect of attendance for students participating in important co-curricular, literary, cultural or sports events outside the college.

**Medical assistance to students: health centre, health insurance etc:** A registered medical practitioner visit the college daily offers medical services to the employees & students of the college as per the requirement. Primary treatment to injured student is provided through First Aid Box available in all departments. Financial aid is provided to the student who is injured during sport event and practices. The institution provides a 24 hour Private Ambulance facility. The Institute

has located near Siddartha Medical College approximately 4kms for treatment.

**Organizing coaching classes for competitive exams:** The Training and Placement Office to organize placement training programme through advanced soft skills lab and conducts various sessions which will benefit them in campus recruitment and also in exams like CAT, GRE, TOFEL etc. The institute has incorporated PDP, Soft skills, communication skill, analytical skill training into the regular curriculum. A dedicated Aptitude Trainer is recruited by the college to train the students in improving mental and analytical abilities and other skills required for various exams as mentioned above. The students of every department are motivated and guided by faculty members in appearing for exams like GATE, IES etc. Question bank and study material for GRE, TOEFL, GATE and CAT are made available in the library.

**Skill development (spoken English, computer literacy, etc.):** The college stresses the need for better communication skills from the I year onwards. The language lab and communication skills lab were incorporated in the curriculum to that effect. The students are further trained in soft skills like group discussions, JIT sessions in the III year and special training classes are conducted in C language so that they can face the campus recruitment with ease.

**Support for “slow learners”:** Remedial classes are conducted for the slow learners and also for the students who are having backlogs. Regular motivation and counselling from the faculty and proctors also help the slow learners to overcome their barriers.

**Exposures of students to other institution of higher learning/ corporate/ business house etc:** The summer industrial training programme helps the students in both gaining the knowledge as well as to learn about the real time situations in the industry. Industrial visits and tours are organized to help the students in the above aspects. The Training and Placement cell organizes various talks, lectures and training programmes to the students by the experienced people from industry. The guest lectures by eminent faculty from IITs, NITs and other premium institutions organized by various departments help the students to expose themselves to institute of higher learning through interaction.

**Publication of student magazines:** The college publishes annual magazine and bi-monthly news letter incorporating the articles by students and faculty, poems, paintings etc., and also brings out the others skills of the students like editing, time management and other skills. The newsletter which is published quarterly brings out the developments and details of various activities organized in the college.

**5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.**

In tune with the emerging technology of today's world, HMITS has incorporated an Entrepreneurship Development Cell (EDC) in the college. EDC is involved in arranging one day seminars / workshops by the well known entrepreneurs from medium and small scale industries. The college has an Innovative Project Cell that Conducts competition and seminars for students, promotes their innovative ideas for product development and securing Patents.

EDC Motivate students to undergo Entrepreneurship Development Program (EDP), skill development training and enhance their self employment opportunities. It organize expert lectures, industry-institute participation, organize programs on IPR, patenting, establishment of incubation centers. EDC organises programmes on financial assistance and sources of institutional assistance to entrepreneurs. Identifies the Government Enterprises that promote self-employment and builds a relationship between the organization and the budding entrepreneurs of the college. Events conducted by this cell are listed below:

Details of the Program	Dates Conducted	Resource Person	Beneficiaries
<b>ME Department</b>			
MDP & EDC Program	19-08-2015	Mr.Aravind Patwari Director, MSME-DI	II, III, IV years students
Workshop on "Entrepreneur Orientation Program"	07-11-2015	Mr. G. Sudharshan Asst.Manager, NSIC	IV, III Students
Workshop on "An awareness Program on support to women entrepreneurs"	20-01-2016	COWE, Chair Person	II, III, IV years Girls students
Faculty Development Program in entrepreneurship Development	22/2/2016 to 5/3/2016	National Institute for Micro, small and medium enterprises	Faculties of HITS and HIT
MDP & EDC Program	05-08-2014	Honorable Chief guest Mr. Aravind Patwari Director, MSME-DI	II, III, IV years students

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Details of the Program	Dates Conducted	Resource Person	Beneficiaries
Workshop on "Management Development Programmed on Project Management"	08-09-2014 to 13-09-2014	Mr. U. Venkata Chalapathy, DGM -National Small Industries Corporation (NSIC)	III & IV Year students
Workshop on "Entrepreneur Orientation Program"	09-09-2013	Mr. G. Sudharshan Asst.Manager, NSIC	IV, year Students
"An Awareness program On Support to women entrepreneurs" By COWE	13-08-2013	COWE, Chair Person	III & IV Year Girls Students
Investing Awareness Program	10-01-2014	Dr. Sai Kumar, Professor in IPE, Hyd.	IV Year Students
<b>ECE DEPARTMENT</b>			
Workshop on " An awareness Program on support to women entrepreneurs"	20-01-2016	COWE Chair Persons	II, III, IV ECE Girl students
Faculty Development Program in Entrepreneur ship Development	22nd Feb to 5th March 2016	National Institute for Micro, small and Medium enterprises	Faculties of HITS & HIT
MDP & EDC Program.	19-08-2015	Hon'ble Chief Guest Mr.Aravind Patwari Director MSME-DI	II, III, IV years students
<b>2015-16 (EEE)</b>			
Faculty Development Program in Entrepreneurship Development Cell	22-02-2016 to 5-3-2016	MSME	All Faculty
Workshop on "An Awareness Program on support to women Entrepreneurs	20-1-2016	COWE Chair Person	II,III,IV Girls
MDP&EDC Program	19-08-2015	Mr. Aravind Patwari, Director MSME-DI	II,III,IV Students
<b>2014-15 (EEE)</b>			

Details of the Program	Dates Conducted	Resource Person	Beneficiaries
MDP&EDC Program	5-8-14 to 11-8-14	Mr. Aravind Patwari & Mohan das & Jaydavan	IV Year students
E- CAD	6-10-14 to 11-10-14	P.Chetan kumar M/S Ramsys Info CAD	III Year students
eLSDM	24-11-2014	Mr. M.A.Chary, MD.Globarena Technology Pvt Ltd.	II, III & IV Year students
<b>2013-2014 (EEE)</b>			
Microsoft Certified Professional (MCP) certification	5-9-13 to 19-9-13(8d)	Lokesh kumar atquest(macher techno consults)	III&IV students
Workshop on Entrepreneur Program	09-09-2013	NSIC,ECIL	III&IV students
Microsoft Certified Professional (MCP) certification	5-10-13 to 10-10-13& 22& 23-10-13(7d)	Lokesh kumar atquest(macher techno consults)	III&IV students
Banking Facilities in Enterpernrship	24-2-2014	Mr. Subramanyam	IV year students

**5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.**

The institution is committed to encourage students for participating in various extracurricular activities by ensuring consistent motivation. Institute has student chapters of professional societies like ISTE, ACM, etc,. Institution provides funding to organize co-curricular and extracurricular activities. It also encourages students to participate in the activities conducted by other institutes. The major policy of the institution is to have interaction with professional bodies, to bring the technology close to the society to develop the learning skills, communication skills and technical skills.

Policy of the institution in terms of extracurricular activities is to develop the spirit of unity, team work, creativity, confidence, self discipline, and coordination. To find the talent, among the students, to develop moral and ethical values, to develop harmony among students, and faculty.

Policy of the institution with respect to sports is to have the sportsmanship, physical and mental fitness among students and awareness about the global sports events. The sports and cultural committees supervise the extracurricular activities. The students who participate in the sports activities or other extracurricular and extra mural activities are provided with extra classes so that the time they have spared for various activities can be compensated.

**Additional academic support, flexibility in examinations:** Due consideration in respect of attendance for the students participating in important literary, cultural or sports events outside the college. Since the college has to follow the examination time tables of the affiliating university, there is no scope for deviation from examination schedule. Even in the internal assessment examinations also no consideration will be given for any person absenting himself/ herself for regular test any requesting for a separate test.

**Special dietary requirements, sports uniform and materials:** College provides TA/DA to players for participation in sports events, which include expenses for special diet as per their requirement. College team is provided with Sports Kits which includes uniforms and other requisite materials.

**Any other:** Students, who have played Inter University / All India sports, and who have played state level sports, get appreciation certificate from management. College management provides cash prize/certificates/mementos etc. to deserving sports persons to motivate them to achieve excellence in their pursuit of sports.

**5.1.6 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.**

Institution supports the students appearing for various competitive examinations as mentioned in section 5.1.4. Teachers help the students in matters of study material and personal counselling. Students are made aware of UPSC, various Public Sector core companies, LIC, Bank and Railway competitive examinations. They are duly guided to get through such examinations.

Students are made aware of GRE, TOEFL, GMAT, CAT, etc.,

Students are allowed access to library and other books related to entrance examinations. Good number of books on career guidance and competitive examinations are available in Library. Students can also make use of online examinations using college internet facility. Special lectures are conducted for GATE students by faculty members.

Notifications for various competitive examinations are displayed at different points on the notice boards.

A Career Guidance Cell is incorporated with one TPO, one professor In-charge along with 8 teaching faculty coordinators. The Training and Placement cell was established in the year 2002. It deals with the Career Guidance, Training and Placements. The training is imparted to the student's right from their first year of study. The cell provides training on communication skills, aptitude and soft skills through the trainers of the Institute, CRT resource persons from various companies and JKC trainers

**Facilities Available:**

- One A.C seminar hall with 150 capacities and 1 Auditorium with Capacity of 600.
- Two Group Discussion (GD) rooms with 12 seating capacity each.
- LCD Projector with public address System.
- Placement library along with centralization.
- Print, Scan and Xerox Machines.

**Career Guidance Programs:**

This cell conducts counseling to students on one to one basis of evaluating their aptitude, strengths and areas of interest and guides them further. Students who opt for higher education are given access to information and interaction with people who can help them in their endeavor.

Students are encouraged who wish to write various qualifying exams like GRE, TOEFL, CAT, GATE, MAT which would help realize their dreams in pursuing higher education. The cell constantly updates the notice board on employment opportunities in the government, banking and other sectors.

• **Number of students qualified in GATE:**

Year	CSE	ECE	EEE	ME	CE
2016-17	02		1	01	
2015-16	00	12	1	-	
2014-15	00	7	1	-	
2013-14	00	20	1	-	

• **Number of students qualified in other competitive exams like GRE/ TOFEL/ CAT:**

Year	CSE	ECE	EEE	ME	CE
2016-17	00		0	-	1
2015-16	04	4	2	-	
2014-15	04	1	1	-	
2013-14	15	0	1	-	

### 5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

The institute strongly believes that counselling is the best method to help the students to overcome the difficulties either in academics or in their personal life. During the adolescence age the behaviour of student is shaped by various positive and negative factors and the counselling is the best way to put them in the right direction.

**Academic Counselling:** There is a counseling system in the college, where for every 20 students, one faculty member is assigned to take up role of faculty counselor / mentor whose primary activity is to monitor the academic progress of the students under he/her care and to take corrective measures for any aberration in their progress in academic pursuits.

**Personal Counselling:** The student advisors also called as proctors, play the role of personal counselor in whom a student can confide their personal problems. The faculty advisor strives to arrive at an optimal/amicable solution through the counselling along with the HOD. The Principal also counsels the students and tries to mould them in right path. A Grievance Redress Cell is also constituted to address the grievances of the students and to attend to their problems.

**Career Counselling:** The Training and Placement Officer of the college plays a critical role in this regard. Besides his regular role as placement liaison officer, he frequently visits each and every class to motivate and counsel students in the career aspects. He explains in detail the career prospects, preparation for campus placement and career development activities.

The necessary training programs in softskills and other skills development have been arranged by the Placement Cell which provide experts from industry as trainers. The college has constituted a dedicated team of English Faculty exclusively for developing Soft Skills of the students. Soft Skill Training Programmes are conducted as part of regular curriculum with internal resource persons and slots are allotted in the regular time table. Women development cell does counselling to the female students.

The following list gives the names of counsellors to attend the grievances of the students.

S. No.	Name of the Faculty	Roll No of Students allotted
1.	Mr. Kodi Srinivas & Mr. B. Krishna Naik	14C91A0528, 14C91A0530, 15C91A0501 to 15C91A0533
2.	Dr. Ch. V. Raghavendran & Ms. Manu Hazari	15C91A0534 to 15C91A0569



S. No.	Name of the Faculty	Roll No of Students allotted
3.	Ms. K. Aparna Lakshmi & Mr. P. Mahesh Vikram	15C91A0571 to 15C91A05A7, 16C95A0501
4.	Mr. D. Rambabu & Mr. P. Sridhar Reddy	14C91A0501 to 14C91A0532
5.	Ms. Ch. Tulasi Ratnamai & Ms. V. Narayani	14C91A0533 to 14C91A0560
6.	Ms. N. Vimala & Mr. E. Sunil	14C91A0561 to 14C91A0589
7.	Ms. B. Gayathri & Mr. B. Nagulu	14C91A0592 to 14C91A05C3 and 15C91A0501, 15C91A0502
8.	Mr. B. Narsimha & Ms. A. Thanuja	10C91A0524, 12C91A0579 and 13C91A0501 to 13C91A0525
9.	Ms. P. Rajya Lakshmi & Ms. Sonia Rajan	13C91A0526 to 13C91A0544, 13C95A0505, and 14C95A0501 to 14C95A0505
<b>ECE DEPARTMENT</b>		
3.	Mr.K.Sandeep Kumar	11C91A0447-13C91A0404
4.	Mr.K.Kanthi Kumar	13C91A0405-418
5.	Mrs. N Sreelatha	13C91A0419-431
6.	Ms.SayidaTh ahaseen YM	13C91A0432-442
7.	Mrs. S Manaswini	13C91A0443-458
8.	Mr. B. Karunaiah	13C91A0459-14C95A0404
9.	Mrs.D.Aruna Kumari	13C91A0416- 14C91A0406
10.	Ms. M. Grace Priscilla	14C91A0406-427
11.	Ms. L Renita Devi	14C91A0429-442
12.	Mr.K.Jail Singh	14C91A0443-453
13.	Mrs.M Sandhya Rani	14C91A0454-465
14.	Mr.B.Pulla Rao	14C91A0467-478
15.	Mr.D .Jaya K umar	14C91A0479-4A0
16.	Mr.Ch.Anand Kumar	14C91A04A1-4B2
17.	Mrs. D Padma Shri	14C91A04B3-4B8
18.	Mr.E Srikrishna	15C91A0403- 422
19.	Mr.B.Satyanarayana	15C91A0423-438
20.	Mr.NSai Sruthi	15C91A0439-459
21.	Mr.G Srikanth	15C91A0461-472
22.	Mr.nravindar	15C91A0473-16C95A0404
<b>EEE DEPARTMENT</b>		
1.	G.RAVINDERREDDY	15

S. No.	Name of the Faculty	Roll No of Students allotted
2.	N.N.GANDHI	15
3.	Y.ARCHANA SAI	15
4.	S.VENUMADHAV	15
5.	V.VIJAYBHASKAR	15
6.	T.SANTOSH KUMAR	15
7.	I.RAHUL	15
8.	P.V.S.ADITHYA	15
9.	K.SAILAJA	15
10.	V.VISHNU VARDHAN YADAV	15
11.	S.KIRAN KUMAR	15
12.	CH.SOMASANKARAPPA	15
13.	Dr.K.K.Dhavan	15
14.	Dr.T.Govindaraj	15
15.	Md.vikhar ahmad khan	15
16.	Md.khaja jainuddin	15
17.	K.sujesh	15
18.	Ch.ravikumar	15
19.	Nareshkumar	15
20.	T.mariakumar	15
21.	A.satish	15
22.	D.sruthi	15
23.	Y.rambabu	15
24.	G.prasanth	15
25.	G.venugopal	15

**5.1.9. Does the institution have a structured mechanism for career guidance and placement of its students? If ‘yes’, detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).**

The college has a structured mechanism for career guidance and placement of its students.

**Campus Recruitment:** Efforts are being made by the institution to improve the employability of the students. Various industries are invited to the campus to recruit students. Collaboration with various industries like IBM, Microsoft, CISCO, GENPACT, Tech Mahindhara, SONATA, CHASE, HCL Tech Ltd, POLARIS, WIPRO, SYNTEL and INFOSYS and other industries through specific MoU's helped our

students in having hands on experience and stand ahead of others in the market during recruitments. For the past four years most the eligible and interested candidates are absorbed by the industry before completion of the course.

**Training and Placement cell:** The college has a full-fledged Training & Placement department. This department consists of Training & Placement Officer, an office assistant to organize and monitor continuously the training and placement activities.

The activities organised to help students are:

- To identify and to contact relevant and good industries / companies,
- To get accredited with companies of repute like Infosys, TCS, Wipro etc.,
- To provide career guidance and training to the students and make them competent,
- To coordinate all the training programmes like special training classes on English Language and Communication Skills to improve the communication skills of students.

It also helps the students to improve their technical presentation and interview performance skills. Regular training on aptitude and soft skills is provided to the students at pre-final and final year level both by the external and internal resource persons. Special customized training based on Industry requirement to final year students before the commencement of recruitment process.

The list of companies that visited the college and the number of students selected is as given below:

S. No.	Company Name	No. of Selections Year Wise Break-up			
		2016-17*	2015-16	2014-15	2013-14
<b>CSE</b>					
1.	INTELENET GLOBAL SERVICES	06	-	-	-
2.	HGS-BANGULORE	01	-	-	-
3.	AMAZON	04	-	-	-
4.	HGS-HYD	01	-	-	-
5.	GAMMA PROCESS HUB INDIA LTD	05	-	-	-
6.	PROZEN TECH SOLUTIONS	03	-	-	-
7.	Genpact	--	07	-	-
8.	NUCLEUS SOFTWARE	--	09	-	-
9.	SINVEY SOFTWARE SOLUTIONS	--	04	-	-

SELF SUMMARY REPORT FOR ACCREDITATION BY NAAC

S. No.	Company Name	No. of Selections Year Wise Break-up			
		2016-17*	2015-16	2014-15	2013-14
10.	TECH MAHINDHRA	--	03	04	-
11.	PINGAKSHO TECHNOLOGIES	--	--	05	--
12.	Yash technology	--	--	18	--
13.	AG Impulse solutions pvt.ltd	--	--	05	--
14.	POLARIS BPO	--	--	11	--
15.	CAPGEMINI	--	--	01	--
16.	CHASE	--	--	01	--
17.	PINGAKSHO TECHNOLOGIES	--	--	05	--
18.	Mind Pro Soft	--	--	--	09
19.	PATMOS	--	--	--	06
20.	Wide Vision	--	--	--	02
21.	India Health care Solutions	--	--	--	04
22.	Knoah	--	--	--	01
<b>CIVIL DEPARTMENT</b>					
23.	PMRT	8	-	-	-
24.	CONCENTRIX	1	-	-	-
25.	HGS-BANGALORE	3	-	-	-
26.	AMAZON	1	-	-	-
27.	PROZENTECH SOLUTIONS	3	-	-	-
28.	GAMMA PROCESS	3	-	-	-
29.	HGS-HYDERABAD	3	-	-	-
30.	STELLENT INFRATECH	-	-	7	-
<b>ECE DEPARTMENT</b>					
	INFOSYS BPO	1		-	-
	INTELENET GLOBAL SERVICES	1		-	-
	HGS-BANGULORE	1		-	-
	AMAZON	1			
	HGS-HYD	1			
	GAMMA PROCESS HUB INDIA LTD	1			
	PROZENTECH SOLUTIONS	1			
	GENPACT	1	1	-	-
	SINVEY SOFTWARE		1		
	TECH MAHINDHARA		1		
	PINGAKSHO TECHNOLOGY			1	

S. No.	Company Name	No. of Selections Year Wise Break-up			
		2016-17*	2015-16	2014-15	2013-14
	AGI SOLUTION PVT LTD			1	
	SONATA			1	
	EPITOME INFO SOLUTIONS				1
	INDIA HEALTHCARE INFO SOLUTIONS				1
	MINDPROSOFT PVT LTD				1
	KNOAH INDIA				1
	PATMOS				1
	HCL BPO				1
<b>EEE DEPARTMENT</b>					
1.	HINDUJA GLOBAL SERVICES	2	-	-	-
2.	GAMMA PROCESS	2	-	-	-
3.	PRO ZEN TECH	0	-	-	-
4.	TECH MAHINDRA	-	4	-	-
5.	SINVEY SOFTWARE SOLUTIONS	-	2	-	-
6.	HCL	-	-	-	4
7.	CAREWELL TECHNOLOGIES	-	-	-	-
8.	G GK TECH	-	-	-	-
9.	OMICS	-	-	-	-
10.	L AND T		-	-	-
11.	ACCENTURE	-	-	-	-
12.	LIC LIFE PLUS	-	-	-	-
13.	EIDER MOTOR	-	-	6	-
14.	SS LABS	-	-	-	-
15.	LIC	-	-	-	-
16.	PATMOS	-	-	-	-
17.	MIND PRO	-	-	-	2
18.	KNOAH SOLUTIONS	-	-	-	2
19.	EPTIMOE	-	-	-	2
20.	INDIA HEALTH CARE	-	-	-	2
21.	Wide vision	-	-	-	1
22.	GENPACT	-	3	-	-
1	<b>ON CAMPUS :</b> GENPACT	2	7	-	-
2	Tech Mahindra	-	4	-	-
3	Sinvey Software Solution	-	4	-	-

SELF SUMMARY REPORT FOR ACCREDITATION BY NAAC

S. No.	Company Name	No. of Selections Year Wise Break-up			
		2016-17*	2015-16	2014-15	2013-14
4	Hitachi	-	1	-	-
5	Stellent Infratech Pvt. Ltd.	-	-	18	
6	Eider Motors Ltd.	-	-	11	
7	Sutherland	-	-	2	
8	Knoah Solutions Pvt. Ltd.	-	-	-	3
9	HCL	-	-	-	4
10	SIEMENS	-	-	-	2
11	Analytix Data services	-	-	-	1
12	Amazon	-	-	-	1
13	Tayana	-	-	-	1
14	ICICI	-	-	-	1
15	TOSHIBA	-	-	-	1
16	FACE	-	-		1
17	CONCENTRIX	2			
18	INTELENET GLOBAL SERVICE	1			
19	HGS	4			
20	IMC	2			
21	GI GROUP	2			
22	<b>OFF CAMPUS :</b> Devarahipparigi Wind power Pvt. Ltd	-	3	-	-
23	Mold-Tek	-	2		-
24	Amazon	-	2		-
25	Stanchion Solutions	-	1		-
26	Hitachi	-	1		-
27	Knoah Solutions Pvt. Ltd.	-	-	2	-
28	Tayana Software Solutions Pvt. Ltd.	-	-	1	-
29	HGS	-	-	3	-
30	Infor private ltd.	-	-	2	-
31					
32	NTT Data Global Delivery Services Ltd.	-	-	1	-
33	Hitachi	-	-	1	-
34	Rowell Industries Ltd.	-	-	1	-
35	GENPACT	-	-	3	-
36	HCL Technologies Ltd.	-	-	3	-

S. No.	Company Name	No. of Selections Year Wise Break-up			
		2016-17*	2015-16	2014-15	2013-14
37	Mold-Tek			2	
38	Optma IT con services			1	
39	Amazon			3	
	Thyssen Krupp Industries India			2	

\* As on 20-05-2017. Campus selections are in progress.

The College has established a separate carrier guidance and Training and Placement Cell with one full time Placement Officer. It invites reputed companies for campus placements by sending the profile of the college. The institution also effectively uses its alumnus working with the companies in attracting the companies for campus placements.

**Services Provided:**

The carrier guidance and T & P Cell is making all possible efforts to further improve the employability skills of students through its activities like personal development, Soft skills, Emotional intelligence and communication labs. It also conducts a well structured pre-placement training right from I year to III year. The students are fully trained by the time the campus recruitment process starts in IV year.

# Department Wise Student Selected in the past Four Years:

S. No:	Department	No of Students Placed Year wise			
		2016-17	2015-16	2014-15	2013-14
1.	CSE	29	23	34	22
2.	ECE	52	24	32	49
3.	EEE	4	21	16	29
4.	ME	13	25	56	15
5.	CE	22	0	7	
6.	IT	--	--	16	--

# Details of the Training Programs Conducted and list of students selected in the last 4 years:

Along with full time training imparted by the in-house training over the period of the study, the following additional programs have been conducted.

- Conducted “plc-scada” one week training programme for iii years on 20<sup>th</sup> march to 24<sup>th</sup> march 2017, the resource persons from siemens, pune
- A CRT was conducted for the eligible students of 4<sup>th</sup> year first semester by victor minds to help them improve their recruitment skills and technical knowledge.

- A one day workshop on industrial automation-plc for iv year students on 16-09-2016 by mkr ias pvt.ltd,hyd.
- A two day workshop on electrical simulation using pspice and matlab on 23<sup>rd</sup> & 24<sup>th</sup> august 2016,by nmhc ltd,hyd
- A training programme on modern trends in maintenance of substation and transmission lines by **sri. Y.Tirupati Reddy** (ADETRANSCO) on 1/10/15 for iii year and iv year students.
- A training programme on real time applications in electrical engineering by **Sri. Y.Tirupati reddy** (ADE TRANSCO) on 1/10/15 for iii year and iv year students.
- A training programme on industrial training and field of electrical engineering by Mr. Ramesh on 22-01-2015 for III year and IV year students.
- Conducted “Employability Skills” workshop for final years on 13.10.11 and 14.10.11, the resource persons from Value Momentum, CTS, Mahindra Satyam.
- A technical refresher course was conducted for the eligible students of 4<sup>th</sup> year first semester by victor Minds to help them improve their recruitment skills and technical
  - Skills on Dates 25.10.11 to 30.10.11. 258 students attended the pogramme.
- Mr. Srinagesh – Principal-Infosys-“expectations from the industry and selection process”. August 5<sup>th</sup> 2011 for final years
- Mr. K. Surya Narayana, Academic Relationship Manager, TCS” Resume Preparation and Presentation Skills” on October 19, 2011 for all final years.
- Mr. N. Vinod Kumar, Head, Academics and Mr. Nagesh Kota, Head, Admissions and Visa delivered a lecture on the changing pattern of GRE and VISA procedures and requirements on 24.12.11.
- Prof. Keith Maycock from the National College of Ireland, Dublin, a pioneer in research on cloud computing has conducted a seminar for staff and students and certificates were given away on 03.01.11.
- Prof. Y. Purendar, Dean, IR, KLU, have addressed the 2011 pass out batch on “Problem solving skills “on 29.07.2010.

**5.1.10. Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.**

Yes. The a grievances redressal cell is established in our institution and is constituted as per AICTE norms. The cell will solve the grievances if any addressed to the HoD or to the Principal. General issues relating to class room teaching, library canteen, hostel, mess, transportation have been received and resolved by this cell. The composition of the grievances redressal cell consists of :



S.No	Name of the Person	Designation	Position
1	Dr. N. Subhash Chandra	Principal	Chairman
2	Mr. Y.Solomon Raju	Associate Professor, ECE	Convenor
3	Mr. S.Radhakrishna Reddy	Associate Professor, EEE	Member
4	Mrs. N. Joshna	HOD – H & S	Member
5	Mrs. M. Siva Parvati	HOD- CIVIL	Member
6	Mr. B.M.G. Prasad	Professor – CSE	Member
7	Mr. S. Jayakrishna	Associate Professor, ME	Member
8	Mr. M. Durga Prasad	Chief Administrative Officer	Member
9	Mr. N.Kamalakar Reddy	Librarian	Member
10	Mr. Y. Srinivas Rao	Physical Director	Member
11	Mr. B.Koti Reddy	Transport Incharge	Member
12	Ms. S.Sangeetha	Student, EEE-IV	Member
13	Ms. Meenumol Vargaeac	Student, CSE-IV	Member
14	Ms. K. Sree Sai Suma	Student, ECE-IV	Member
15	Ms. Pubali Mukherjee	Student, CE-IV	Member

The function of the cell is to discuss the grievances received from the students and suggest report to the principal with recommendation.

**Grievance Redressal Mechanism:**

- A grievance redressed & Disciplinary committee is constituted with a senior professor as its chairman and senior staff member drawn from all the departments & sections.
- The committee is vested with the authority to resolve any type of grievances raised by the students, faculty, non-teaching staff and parents.
- The students staff and others having grievances may large their grievances in writing with the committee or the grievance letters may be submitted through academic coordinators/HODs.
- Matters on which HODs can take decision are examined and resolved at department level.
- Matters concerning the college as a whole are examined and resolved by grievance redressed committee.
- The committee also takes the note of complaints and suggestion dropped in suggestion boxes placed at strategic locations.
- Where the location require certain charges in policies, procedures etc. the issues are discussed and resolved by HOD’s /Professors committee and or by the grievance body

Following are some of the Grievances received and action taken:

S. No.	Grievances Received/Reported	Action taken
1.	Subject allotment (changing of subject)	Gave the preferred subject
2.	Installation of non conducting earth mats	Purchase order is placed, and earth mats are installed
3.	Re alignment of Bus Routes	Specific bus routes are introduced based on grievances received from stake holders.
4.	Every Saturday is declared as a Holiday	For the Final Years for their preparation for various competitive exams and placements.
5.	Changing of department level administrative activities	Relieved from project coordinator duties & appointed as association coordinator
6.	Furniture requirement	Arranged the required furniture
7.	Reduction of workload	Some part of work load is assigned to other faculty
8.	Library books	Sanctioned more library books as per required
9.	No proper maintenance in wash room facilities for girl students	Complied
10.	Provide more sports material for girl students	Complied
11.	No proper medical facility	Complied
12.	First year girl students are facing problem outside college premises	Appointed committee to take care of first year girl student buses and bus stops
13.	No waiting hall for girl students	Planning

**30.1.1 What are the institutional provisions for resolving issues pertaining to sexual harassment?**

The women grievances-redressal cell headed by a senior lady faculty looks into any matter related to harassment of the women faculty and students. Policy of the institution is to issue show cause notice and terminating the services of an employee for any sexual harassment. With respect to the students, if any sexual harassment is reported, matter will be reported to the police for action and transfer certificate is issued to the student. So far, no such incident has taken place in the institution.

**5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?**

Yes. There is an anti-ragging committee in the institution. The Anti-Ragging committee maintains a strict vigil in the campus, at bus-stops and buses to prevent ragging. Students are instructed not to indulge in activities of ragging. Circulars are issued before the commencement of the class work and wide publicity is given in students' prospectus books instructing students not to indulge in ragging. Caution boards are also displayed in prominent locations and on the notice board as per the directive of the Supreme Court and the Govt. of T.S. Parents were also informed about the consequences of ragging inside the college or outside the college. Students are made to swear an affidavit before the academic year stating that they will not indulge in any ragging or anti-social activities. No major instances of ragging have been reported in the last four years. A few minor cases detected have been disposed off by the principal by counseling the students and involving the parents.

**5.1.13 Enumerate the welfare schemes made available to students by the institution.**

The institution makes several welfare measures for the benefit of the students.

- The institution gives fee concession and fee waiver to the deserving students under the B-category seats. It also allows payment of fee in instalments to the needy students.
- Institution offers prize money to the meritorious students.
- Students are given railway concession for hometown travelling.
- There is a health service in the college and in the hostel, wherein the doctor and the nurse looks after the health related problems for both students and faculty at free of cost. Medicines are available with the doctor.
- Institution also offers canteen facility at reasonable rates.
- There is an ATM available in the campus.
- Stationary and student books along with the Xerox facility are available. Internet facility in the institution with Wi-Fi connection beyond working hours is made available.
- Library is kept open on all the days including holidays and is kept open for 10 hours in a day.

**5.1.14 Does the institution has a registered Alumni Association? If 'Yes', what are its activities and major contributions for institutional, academic and infrastructure development?**

Yes. The institution has a registered alumni association. Its main aim is to bring together, all the former students to the institution, share their experiences, and extend their helping hand for the betterment of the institution. This association serve as a forum to promote and foster relationship among the alumni, the present students, and other stake holders. It also actively and constructively participate in the well being of utilizing the good-will, rich experience and services of the alumni who are a fraternity of professional engineers of various disciplines spread all over the world. Academic support is also taken from the alumni association in improving the methodology of teaching. The Alumni association meets once in a year. In the annual meeting the institution take feedback from the members with regard to the curriculum and possibility of improvement/ suggestions for further enrichment of syllabus and also discuss the steps to be taken for the development of the college

**Members of Alumni Association:**

S.No	Name of the Person	Designation	Position
1	Dr N Subhash Chandra	Principal	Chairman
2	Mr. N.N. Gandhi	Assistant Professor, EEE	Convenor
3	Mr. J. Venu Gopal	Assistant Professor, CE	Member
4	Mr. J. Malleesh	Asst. Professor, Mech	Member
5	Mr. G.Sreekanth	Asst. Professor, ECE	Member
6	Mr. B. Krishna Naik	Assistant Professor, CSE	Member
7	Mrs. G.Sandhya Rani	Assistant Professor, H & S	Member

**Alumni Feed Back and suggestions implemented:**

The Institution conducts Alumni meet once in a year and collects opinions of old students. At the time of Alumni-meet, a feed back in the prescribed format is requested from the participants that covers various aspects of academics, infrastructure, transport, soft-skills, industry requirements and any other factors of interest worth mentioning. As per the suggestions given by the Alumni, efforts are made to improve on facilities of soft skills, professional associations, student seminars, parking, potable water, guest lectures, industrial visits & tours, transport and canteen.

## 5.2: Student Progression

### 5.2.1. Providing the percentage of students progressing to higher education or employment (for the last four batches) highlights the trends observed.

A majority of our students seek employment through campus placements. The placement in the college is also more than 80% for almost all the departments. However there are some students who go for higher studies to improve their qualification and contribute their knowledge to the society. The details of our students opting for higher education and employment through campus and off campus are shown in the following table for the last 4 years.

S.No	Dept of ECE	2016-17	2015-16	2014-15	2013-14
1	UG to PG		16	8	20
2	Recruitment through campus selection	52	24	32	49
3	Recruitment outside the campus.		30	40	25

S.No	Dept of CSE	2016-17	2015-16	2014-15	2013-14
1	UG to PG	16	20	22	20
2	Recruitment through campus selection	29	23	50	22
3	Recruitment outside the campus.		27	22	20

S. No	Dept of EEE	2016-17	2015-16	2014-15	2013-14
1	UG to PG		20	22	25
2	Recruitment through campus selection	3	9	6	11
3	Recruitment outside the campus	1	12	10	18

S.No	Dept of ME	2016-17	2015-16	2014-15	2013-14
1	UG to PG	8	11	20	12
2	Recruitment through campus selection	13	16	31	15
3	Recruitment outside the campus	-	09	25	

S. No	Dept of CE	2016-17	2015-16	2014-15	2013-14
1	UG to PG	-	-	-	-
2	Recruitment through campus selection	22	0	7	-
3	Recruitment outside the campus	-	-	-	-

**5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.**

The institution is rated very high in performance and pass percentage of students as compared to the neighbouring institutions in the vicinity and rank among the top 5% of the institutions located in the R.R. District in terms of performance and employment. The pass percentage and course completion rate for the last 4 years is indicated in the following table.

Course	2016-17	2015-16	2014-15	2013-14	2012-13
B. Tech(ECE)		73	82	87.94	88.99
B. Tech(EEE)		45.2	88.3	84.3	75.86
B. Tech(CSE)	48.65	66.25	65.42	76.59	54.13
B. Tech (IT)		-	-	90.24	90.74
B. Tech(ME)				75.24	50.00
B. Tech(CIVIL)		60.40	50,20	-	-
M. Tech(CIVIL)		60.00			
B. Tech(MIN)					
M. Tech (CN & IS)	---	29.41	58.8	77.77	100
M. Tech (CSE)	---	46.15	50	75.93	82.85
M. Tech (IT)	---	11.11	18.18	76.47	100
M. Tech (CS)	---	---	---	---	87.5
M.Tech ES	--	--	75.00	70.58	
M.Tech VLSI	--	--	76.92	54.54	

The Overall Pass Percentages of the institution are depicted in an yearwise summary as below:

Year	Total number of students	Number of students Eligible	Selected students	Percentage
	EEE DEPARTMENT			
2016-17	59	35		59.3
2015-16	73	37		50.7
2014-15	43	38		88.3
2013-14	64	54		84.3
2012-13	30	25		83.3
<b>TOTAL</b>				

**5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment? Yes:**

The institution is offering four PG programs leading to M.Tech degree of the JNT University with the following specializations and strength.

- M.Tech. (Computer Science & Engineering) - 30
- M.Tech. (Highway Engineering) - 30
- M.Tech. (Embedded Systems) - 30
- M.Tech. (Machine Design) – 30
- M.Tech. (CAD CAM) - 30
- M.Tech. (VLSI Design) - 30
- M.Tech. (Computer Networks & Information Security) - 18
- M.Tech. (Electrical Power Systems) - 30
- M.Tech. (Power Electronics) - 30

In addition to the above, the institution also trains the students for placement by the training and placement officer, industrial experts, R&D scientists. The institution also provides a pre placement training for the students in terms of aptitude test, group discussion, on line mock test, communication language and written test for all the students’ of the institution. Institute also organizes career guidance through career guidance cell.

The campus recruitment training programme has a blend of soft skills training, aptitude training and training in C language / technical subjects is incorporated in the regular time table to give training to all the students in III and IV Years of the course and this helps them in performing better not only in campus recruitment exams but also in other competitive exams like GATE, Civil services, IES exams etc.

Unique innovative campus training programmes for eligible students who are shortlisted after a series of elimination processes and trained by Senior working Professionals from Industry from CSE, EEE, ECE and IT makes the students to excel and to get opportunities in highly reputed organizations with better pay package.

Around 80% of the students opt for Employment, 20% for higher studies.

**5.2.4. Enumerate the special support provided to students who are at risk of failure and drop out?**

The institution has been adopting good practices since inception to see the student drop out is minimum. As a result, today there are no drop outs in the institution. The attendance and the examination result of every student are sent in the form of letter and SMS to the parents regularly.

Faculty will meet the Parents of weaker students directly to intimate about their performance. Counselling offered to the needy students. The economically weaker students and academically weak students are more prone to the risk of failure and hence are likely to be drop outs. The economically weaker students get the benefit of financial assistance from the college and hence are taken care of not to be drop outs.

The students who are slow learners are already identified on the basis of their performance in the internal exams and are given extra attention by providing them remedial classes so that they can perform well in the University exams along with other students. Remedial classes are made part of the regular time-table for the analytical subjects in UG programmes. The main thrust of the remedial classes is close interaction of students with faculty, where the students get their individuals doubts clarified.

In addition, the students of disadvantaged section of society (reserve category) get adequate amount of financial assistance/scholarships so as to ensure continuance of their education and not to be the drop outs.

The following table shows the statistics for the last 4 batches:

<b>2012-16</b>	<b>ECE</b>	<b>CSE</b>	<b>EEE</b>	<b>ME</b>	<b>CE</b>
Students Admitted	103	117	73		82
Number of students completed in 4 years	75	92	37		50
Drop outs	7	15			
<b>2011-15</b>					
Students Admitted	123	120	43		46
Number of students completed in 4 years	102	87	38		24
Drop outs	13	20			
<b>2010-14</b>					
Students Admitted	121	115	64		
Number of students completed in 4 years	103	94	54		
Drop outs	8	09			
<b>2009-13</b>					
Students Admitted	120	109	30		
Number of students completed in 4 years	95	59	25		
Drop outs	14	31			



### 5.3 Student Participation and Activities

#### 5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

The college has a large play grounds for games like cricket, football, basket ball, volley ball etc., with all modern facilities. A qualified Physical Director Mr. Y Sreenivas Rao with B. P. Ed qualification is available along with adequate supporting staff. The physical and mental fitness of the students is found to be improved when the students participate in sports and games. Institution has indoor games facility along with developed play grounds. A sports day is organized by the institution and the best players in all the above events are awarded medals/ shields along with a certificate on the annual day. Our students excel in sports and games and are champions in University, State and National events.

#### **Sports facilities available in the college**

<b>S.NO</b>	<b>List of Sports</b>
1.	Basket ball
2.	Volley ball
3.	Throw ball
4.	Cricket
5.	Kabaddi
6.	Ball badminton
7.	Tennikoit
8.	Shuttle Badminton
9.	Caroms
10.	Chess
11.	Table tennis
12.	Gymnasium

Institution also organizes literary and cultural activities under the supervision of a faculty member. The institution under this head organizes teachers' day, engineers' day, annual social gathering, debates, blood donation camp, NSS camp etc., for girls' students, Rangoli competition is celebrated on sankranti. Navarathri celebrations, Ganapathi celebrations are also celebrated with full enthusiasm both by faculty and students. Poster painting Photography and Mehendi competition are organized by the institution. Institute also conducts technical paper presentation, innovation, project presentation, software development programs for students. The academic calendar contains all these details.

Under the NSS program, the institution had adopted nearby "Keeasra village" where in the faculty and students visit the rural people and

educate them on health matters, drinking water purification, health awareness program, tree plantation, general health check-up, eye check-up, Adhar Card distribution, issuing Voter ID application forms, etc., The villagers and the Village Sarpanch has appreciated the camp conducted by the institution.

The following table presents the year wise participation of the students in inter collegiate competitions and tournaments.

**Literacy and Technical Activities:**

S. No	Nature of activity	Organization	Student (s)name	Achievements
<b>AY 2016-17</b>				
1.	Paper Presentation	CIVIL DEPARTMENT	MANJURUL HOQUE	<b>2<sup>nd</sup> Prize</b> in Technical Fest <b>ESPARANZA 2K16</b>
	Paper Presentation	ECE DEPARTMENT	Mekala Sravanthi Bairagoni Rajinikanth P Srinivasa Reddy Konderu Satish Kumar  Thirumalesh L M Gururaj Karthik Kumar P Raju Ashwinee Kumar Bal Abdul Rahamathulla Baig Sabbani Teja	
	Paper Presentation	EEE DEPARTMENT GCET	B. Ajay, M. Vijay Kumar, K. Sathish, K.Rajasri, I.Praveen Kumar	PARTICIPATION
2.	Project Exhibition	CIVIL DEPARTMENT	Sai krishna, sirisha, saideep, suresh	<b>1<sup>st</sup> Prize in Project Expo</b>
Srushti , pubali,sumo, lorin, pungmi			<b>1<sup>st</sup> Prize in Project Expo</b>	
Sakethreddy, bala, ashok, sudhakar			<b>1<sup>st</sup> Prize in Project Expo</b>	
	Project Exhibition	EEE DEPARTMENT GCET	Sandhya rani,P.Nagatimmaiah,M.Vamsi	Consolation prize
3.	Technical Quiz		MANJURUL HOQUE , RAJAB MIA, B. UDAU KUMAR REDDY, WASHAL LORIN	<b>1<sup>st</sup> Prize</b> in Technical Fest <b>ESPARANZA 2K16</b>

S. No	Nature of activity	Organization	Student (s)name	Achievements
4.	Youth Meet	ECE DEPARTMENT Malla Reddy Engineering College	S Bhanu chandar M Sai chandu T Bhanu teja V Lokeshwar M Anusha N Susmitha B sampath J Ramu B Prakash	
5.	Youth Fest	ECE DEPARTMENT ARENA ONE	PraveenGoud S Pranay kumar S neeraja	
6.	Workshop	ECE DEPARTMENT Narasimha Reddy Engineering College	P Prasanth P Bhanu teja M Chohan nayak S Kiran kumar J Balachandar M Anusha M Sirisha K Durgaprasad Usha singh M Raju G swathi Mythree K Supriya Ch. Sravani B Prakash K Sai kumar M Divya B Ruchiitha K Kalpana Reddy Syad Pathima A Somalakshmi PremDeep M Pooja Sandya M Susmitha	
7.	Poster Presentation	EEE DEPARTMENT GCET, NITS	E.Rajesh, Ch.Mahender, Saik Akbar Ali	<b>1<sup>st</sup> prize&amp;2<sup>nd</sup> prize</b> Enrich technical skills

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S. No	Nature of activity	Organization	Student (s)name	Achievements
<b>AY 2015-16</b>				
<b>CSE DEPARTMENT</b>				
1.	Paper presentation	GRIT , Hyderabad	K. Swomya Sree	
2.	Paper presentation	GRIT , Hyderabad	Akula Sairam	
3.	Paper presentation	GRIT , Hyderabad	MNS Anusha	
4.	Paper presentation	GRIT , Hyderabad	V. Mahesh	
5.	Paper presentation	GRIT , Hyderabad	Akula Vamshi	
6.	Paper presentation	GRIT , Hyderabad	Jakka Mounika	
7.	Paper presentation	GRIT , Hyderabad	Krithi Desai	
8.	Paper presentation	Vardhaman COE,Hyd	D. Priyanka	
9.	Paper presentation	Vardhaman COE, Hyderabad	B. Sneha	
10.	Paper presentation	Vardhaman COE, Hyderabad	G Devika Rani	
11.	Paper presentation	Vardhaman COE, Hyderabad	Arun Dixith	
12.	Paper presentation	Vardhaman COE, Hyderabad	Kamidi Sirisha	
13.	Paper presentation	Vardhaman COE, Hyderabad	Bala Himabindhu	
14.	Paper presentation	Vardhaman COE, Hyderabad	Ch. Sandeep	
15.	Paper presentation	ACE Engineering College, Ghatkesar	Meenumol	
16.	Paper presentation	ACE Engineering College, Ghatkesar	Akhila Y	
17.	Paper presentation	ACE Engineering College, Ghatkesar	Tiatula T Sangatam	
18.	Paper presentation	ACE Engineering College, Ghatkesar	Adepu Santosh	
19.	Paper presentation	ACE Engineering College, Ghatkesar	P Raghava Charry	
20.	Paper presentation	ACE Engineering College, Ghatkesar	Resu Jaggan Reddy	

S. No	Nature of activity	Organization	Student (s)name	Achievements
21.	Paper presentation	VBIT, Ghatkesar	Gogula Vinaya	
22.	Paper presentation	VBIT, Ghatkesar	K Sai Krishna	
23.	Paper presentation	VBIT, Ghatkesar	M. Navya Shree	
24.	Paper presentation	VBIT, Ghatkesar	Mohan Sai Priya	
25.	Paper presentation	VBIT, Ghatkesar	RajaBoina Sagar	
26.	Paper presentation	VBIT, Ghatkesar	Alva Ramya	
27.	Paper presentation	VBIT, Ghatkesar	Kumar Shanu	
28.	Paper presentation	VBIT, Ghatkesar	Vanguru Pavani	
29.	Paper presentation	Birla Institute of Tech & Science, Pilani	B Susmitha	
30.	Paper presentation	Birla Institute of Tech & Science, Pilani	Gottemukkula	
31.	Paper presentation	Birla Institute of Tech & Science, Pilani	K V SSL Manasa	
32.	Paper presentation	Birla Institute of Tech & Science, Pilani	P Meghanath	
33.	Paper presentation	Birla Institute of Tech & Science, Pilani	SK Fadil	
34.	Paper presentation	ASTRA, Hyderabad	B Susmitha	
ECE DEPARTMENT				
	Paper Presentation	MLR Institute of Technology	G Harish Shiva Prasad K Shirish S Sandesh P Usha Sri Sree Babu P Basker G Sowmith Kalyan Sai Shiva Prasad N Prashanth S Tirupathi V Sai Kishore T Praveen Kumar	

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S. No	Nature of activity	Organization	Student (s)name	Achievements
			V Santhosh	
	Poster Presentation	Techkriti2015	K Shirish G Harish S Sandesh P Usha Sri	
<b>EEE DEPARTMENT</b>				
	Paper Presentation	GCET,HITS	ROHIT TIWARI,RAJAN KUMAR JHA,RAJESWAR,D.Mounika ,SK. Mujeeb , P. Sai Charan	<b>1<sup>st</sup> prize&amp;Consolation</b> Enrich technical skills
<b>ME DEPARTMENT</b>				
	Paper Presentation	Princton College of Engineering and Technology Hyderabad, T.S.	Banwari Singh	III Prize
		Holy Mary Institute of Technology & Sciences	B.Rajesham	III Prize
<b>AY 2014-15</b>				
S. No	Nature of activity	Organization	Student (s)name	Achievements
1.	Robot War			
2.	Paper Presentation	Convergence (ECE Department)	Manikanta Rao	
		HITS (EEE Department)	P.Chand Basha, P.Naga Thimmaiah	<b>2<sup>nd</sup> prize</b> Enrich technical skills
		(ME Department )Padmasri B.V.Raju Institute of Technology,Narsapur, Medak, T.S.	B Karthik	II Prize
		SNIST, Hyderabad.	Deebya Jyothi Pradhan	III Prize
3.	Project Exhibition			
4.	Poster Presentation			
5.	Quiz			

S. No	Name of the Event	Name of the College	Number of Students Participated	Number of Students Won Prizes.
<b>2016-17</b>				
	Paper presentation	HITS COE	50	1
	Paper presentation	HITS ECE	12	0
	Paper Presentation	HITS EEE – HITS, GCET, NITS	40	09
	Youth Meet	HITS ECE – at Malla Reddy Engineering College	9	0
	Poster presentation	HITS COE	20	2
	Poster Presentation	HITS EEE – GCET, NITS	09	03
<b>2015-16</b>				
	Paper presentation	HITS ECE – MLR Institute of Technology	15	0
		HITS ME - PCET, Hyderabad, T.S. HITS, KEESARA, T.S.	2	2
	Poster presentation	HITS ECE – Techkriti 2015	4	0
	Paper Presentation	HITS EEE – GCET, NITS	30	6
	AUTOCAD			
<b>2014-15</b>				
	Poster Presentation	HITS ECE – Convergence	1	0
	Paper Presentation	HITS EEE – HITS	20	2
		HITS ME - PBVRIT ,Narsapur, Medak, T.S. SNIST, Hyderabad.	2	2

**Sports and Games Events**

S. No.	Name of the Event	Name of the College	Number of Students Participated	Number of Students Won Prizes.
<b>2016-17</b>				
1	Volley Ball	CVSR	12	1
2	Foot ball	CVSR	12	1
<b>2015-16</b>				
1	Volley Ball	VBIT	12	1
2	Volley Ball	Aurora Bhongiri	12	1
	ME – Department			
	Volley Ball	Spoorthy College, Nadargul Village	12	
3	Foot ball	NNR	12	1
4	Foot ball	VBIT	12	1
<b>2014-15</b>				
1	Volley Ball	Aurora Bhongiri	12	1
2	Foot ball	Aurora Bhongiri	12	1
3	Volley Ball	HITS-COE	12	1
4	Foot ball	HITS-COE	12	1
5	Foot ball	Anurag Group of Institutions	12	1
6	Foot ball	Anurag Group of Institutions	12	1
7	Foot ball	Anurag Group of Institutions	12	1
8	Foot ball	Anurag Group of Institutions	12	1
<b>E.C.E. 2016-17</b>				
1	Kabaddi (C-Zone)	HITS	9	9
2	Cricket	HITS	15	15
3	Basket Ball	HITS	8	8
4	Volley Ball(C-Zone)	HITS	8	8
5	Shuttle	HITS	10	4
<b>E.C.E. 2015-16</b>				
	Volley Ball	AURORA	9	9
	Volley Ball	ABVP	9	9
	Volley Ball	HITS	12	12
	Volley Ball	BITS	9	9
	Volley Ball	HITS	9	0
	Volley Ball	CVSR	9	0
	Volley Ball	SNIST	9	0
	Throw Ball	HITS	12	12



S. No.	Name of the Event	Name of the College	Number of Students Participated	Number of Students Won Prizes.
	Carroms	HITS	2	2
	Chess	HITS	1	1
	Foot Ball	HITS	13	13
	Foot Ball	MRCET	14	14
	Foot Ball	VBIT	14	14
	Foot Ball	AURORA(BDG)	15	15
	Foot Ball	CVSR	15	15
	Foot Ball	CVSR	14	0
	Foot Ball	SNIST	14	0
	Table Tennis	HITS	2	2
	Cricket	HITS	15	00
<b>E.C.E. 2014-15</b>				
	Foot Ball	AURORA(BDG)	14	14
	Foot Ball	VBIT	14	14
	Foot Ball	MRCET	14	14
	Foot Ball	CVSR	15	15
	Foot Ball	HITS	14	00
	Foot Ball	CMRCET	15	00
	Foot Ball	SNIST	15	00
	Volley Ball	AURORA	09	09
	Volley Ball	HITS	12	12
	Volley Ball	NALANDA	09	00
	Volley Ball	SAMSKRUTHI	12	00
	Volley Ball	CVSR	09	00
	Throw Ball	HITS	11	11
	Cricket	HITS	15	00
	Cricket	SAMSKRUTHI	15	00
<b>EEE DEPARTMENT 2016-17</b>				
	Kabaddi (C-Zone)	HITS	14	-
	Cricket	HITS	15	-
	Volley Ball(C-Zone)	TECHVEDA-2k17 TEC Bogaram, Sports Bout-2k16Anurag Group of institutions,Venkatapur, Sakshi Arena one,L.B.Stadium, Khel 2017,Aurora engineering college,Bhongir	7	1 <sup>st</sup> prize 2 <sup>nd</sup> Prize  1 <sup>st</sup> Prize 1 <sup>st</sup> Prize

S. No.	Name of the Event	Name of the College	Number of Students Participated	Number of Students Won Prizes.
<b>EEE DEPARTMENT 2015-16</b>				
1	Kabaddi (C-Zone)	NAIPUNYA'2015-VBIT Gatkesar	2	-
2	Cricket	Sports amalgam 2K15-HOLY MARY INSTITUTE OF - TECHNOLOGY &SCIENCE	15	
3	Volley Ball(C-Zone)	Sports amalgam 2K15-HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	7	-
<b>EEE DEPARTMENT 2014-15</b>				
1	Volley Ball(C-Zone)	HITS	7	-
2	Cricket	HITS	15	-

**The following table presents the NSS activities carried out by our students and faculty:**

S. No.	Date	Event Name	Conducted by	Venue
<b>2016-17</b>				
1.		Durga Temple Volunteers		
2.		Ayyappa Swamy Volunteers		
3.		Blood Donation		
4.		Cloth Distribution		
<b>2015-16</b>				
1.		Yuva bharath		
2.		Election Volunteers		
3.		Environmental Day		
4.	22-08-2015	Blood donation	Lions Club	HITS Campus
5.		Durga Temple Volunteers		
6.		Seminar On Eye Care		
7.		Cyclone Relief		
8.		Swacha Bharath		
9.		JIO 30 <sup>TH</sup> National Junior Athlete Championship		
10.		AIDS Day		
11.		Good Governance Day		
12.		Special Camp		
<b>2014-15</b>				
13.		Uttarakhand floods relief donation collection		

S. No.	Date	Event Name	Conducted by	Venue
14.		Cloth distribution		
15.		Blood donation		
16.		Dental camp(Siddhartha college)		
17.		Eye camp		
18.		Election cards		
19.		Goal setting seminar		
20.		Distribution of blankets		
21.		Pulse polio		
22.		Road safety		
23.		Helping hands		
24.		Lions club membership		
<b>2016-17 ECE DEPARTMENT</b>				
1.	25-03-2017	Soft skills development Program	NSS Unit HITS	HITS
2.	04 – 09 April 2017	University Level Self Defense and PD Camp	JNTUH	HITS
3.	01-05-2017	National Seminar on Role of NSS on promoting Indian Heritage & Culture	Osmania University	HITS
4.	26-31 March 2017	University Level NSS Mega Camp	JNTUH	Sreyas
5.	10-15 April 2017	University Level Adventure Camp	JNTUH	Vignan College, Deshmukhi
6.	14-04-2017	Awareness on Reservations for Engineering Students	JNTUH	JNTUH
7.	16-04-2017	Seminar on “Sustainable Growth of Personality”	Osmania University	Science College, OU
8.	18-19 April 2017	Nature Training Program	Osmania University	Prof. Jaya Shankar TS State Agriculture University
9.	21-04-2017	Seminar on “Biodiversity”	Osmania University	Arts & Science College, OU
10.	22-23 April 2017	Skill enhancement (Life after B.Tech)	Osmania University	CV Corporate Services, KPHB
<b>2015-16</b>				
11.	10-11-2015	SWATCHH BHARAT ABHIYAN	HITS	HITS
12.	22-08-2015	Blood Donation Camp	HITS	HITS
<b>2014-15</b>				
13.	05-11-2014	SWATCHH BHARAT ABHIYAN	HITS	HITS
14.	19-09-2014	Blood Donation Camp	HITS	HITS

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S. No.	Date	Event Name	Conducted by	Venue
<b>2013-14</b>				
15.	22-08-2013	Blood Donation Camp	HITS	HITS
<b>EEE DEPARTMENT 2016-17</b>				
	04-04-2017 to 09-04-2017	University level self defence and personality Development programme organised by JNTUH	JNTUH	Holymary Institute of Technology and Science, Bogaram
	08-07-2016 and 11-07-2016	Harithaharam	HITS	Holymary Institute of Technology and Science, Bogaram
	26-03-2017 to 31-03-2017	One Week University level NSS mega camp-2017	JNTUH	Sreyas engineering college,nagole
	10-04-2017 to 15-04-2017	NSS State Level Adventure camp	JNTUH	Vignan's Group of Institutions
	16-04-2017	NSS camp on BIO DIVERSITY	JNTUH	AMS college of Arts and Science, Osmania University
	16-04-2017	State Youth Convention	JNTUH	Library block, Colege of Science, Osmania University.
	22&23rd April 2017	NATIONALLEVELSKILL ENHANCEMENT PROGRAM	HITS	CV Corp services
<b>EEE DEPARTMENT 2015-16</b>				
	10/11/15	SWACHH BHARAT	HITS	Holymary Institute of Technology and Science, Bogaram
	22-08-15	BLOOD DONATION	HITS	Holymary Institute of Technology and Science, Bogaram
<b>EEE DEPARTMENT 2014-15</b>				
	19/09/14	BLOOD DONATION	HITS	Holymary Institute of Technology and Science, Bogaram

**5.3.2. Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.**

The institution encourages and supports the students to take part in various co-curricular, extra-curricular and cultural activities. Our students have participated in various activities conducted in our institution and other institutions and won prizes / certificates. The institution also offers cash prizes to the students, who excel their performance in co-curricular activities.

The following table presents the details of participation of students in paper presentation, technical exhibition, technical quizzes, etc.

**Department of CSE**

S. No	Name of the Event		2016-17	2015-16	2014-15
1	Paper Presentation	Students Participated	19	34	12
		Students Won Prizes	02	01	02

**Department of ECE**

S. No	Name of the Event		2016-17	2015-16	2014-15	2013-14
1	Paper Presentation	Students Participated		30	30	20
		Students Won Prizes				
2	Technical Exhibition	Students Participated		10	10	10

**Department of EEE**

S. No	Name of the Event		2016-17	2015-16	2014-15	2013-14
1	Paper Presentation	Students Participated	40	30	20	14
		Students Won Prizes	9	6	2	5
2	Technical Exhibition	Students Participated	9	-	-	-
		Students Won Prizes	3	-	-	-

**Department of ME**

S. No	Name of the Event		2016-17	2015-16	2014-15	2013-14
1	Paper Presentation	Students Participated		10	8	15
		Students Won Prizes		2	2	2
3	Technical Quiz	Students Participated		8	5	10
		Students Won Prizes				

**Department of CE**

S. No	Name of the Event		2016-17
1	Paper Presentation	Students Participated	50
		Students Won Prizes	1
2	Poster Presentation	Students Participated	20
		Students Won Prizes	2
3	Technical Quiz	Students Participated	40
		Students Won Prizes	5

**5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?**

The institute conducts Alumni meeting once in every year, seek the opinion and collects feedback from them.

Feedback about the performance of the institution is also obtained from the parents, Industry representatives, R&D organizations.

After the campus selection of students by companies is over, feedback is also obtained from the interviewers, about the institution performance and what the industry is looking / expecting from the institution.

Feedback is also obtained from the students at the end of every semester, about the faculty, departmental performance and any other issue related to the Institution, course of study and students.

Most of the issues raised by the students are solved at the level of HoD's. The other issues that are not solved by the HoD's, will be forwarded to the principal or the management for redressal. The feedbacks obtained from the students are for the corrective actions. Institution analyses the feedback for improvement in curriculum, infrastructure facilities, teaching learning process, information systems, canteen, hostel, library, transport etc.

**5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.**

The institution encourages students in paper presentation, poster and other competitions. Faculty extends all the help to the students for their involvement by different advertisements and guides them properly. Students are also involved in various committees in organizing conferences, workshops, seminars, guest lectures, etc., College

conducts paper presentation, and the best paper presentation is selected by a group of experts and the student is honored with a cash prize and a certificate.

The institution encourages students to publish scientific and technical papers in magazines, newsletters, local daily news papers. The institution has wall magazines published by each department. The wall magazine has a very good response from the students. Students display drawing, paintings, articles, poems, thoughts, latest trends in technology, social issues etc. on the wall magazine. The Students are encouraged to prepare the News Letter every bi-monthly which consists of details about the students department wise.

- College News letter every semester named “TARANG”
- College Magazine is initiated and being released from this academic year.
- Departmental News letter every bi-month Named

**EEE - TECH SPARK**

**ECE - THE ECE NEWS LETTER**

**CSE - TECH SAVVY**

**MECH- THE MECH NEWS LETTER**

**CIVIL- HAZEL**

**5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.**

**Yes, the colleges have a student council.**

**Selection of Student Council:**

The topper, an average student and a academically weak student of each section are nominated as a class representatives who has more integrity with other students, for all the sections from First year to final year. Regular meetings are conducted by the heads of the departments to review the problems faced by the students.

**Activities:**

- Took active part in academic and technical activities for smooth functioning of the college.
- Organization of Add on Courses & Guest lecturers
- Workshops/seminars by Career guidance, training placement & various professional body activities can be done with the help of student council.
- Anti ragging & Social responsibility activities (NSS)

**Funding:** For cultural and technical activities college provides the funding depending upon the anticipated expenditure.

**5.3.6 Give details of various academic and administrative bodies that have student representatives on them.**

The institute believes in giving opportunity to the students in supporting the authorities and the institute faculty in running the affairs of the institute. For this, the institute provides them with opportunities to participate in the various academic and administrative bodies. The various academic and administrative bodies and their activities (academic and administrative), which have student representations on them are:

- Anti Ragging Committee
- Disciplinary Committee
- Womens Grievance cell
- Greivance Redressal
- Alumini
- Campus green Committee
- Staff and student welfare
- NSS
- Student Council
- Cultural Club
- Programming Club
- Canteen Committee
- Hostel Committee
- Library committee
- College Newsletter/Magazine Committee
- SC/ST welfare committee
- Transport committee
- Sports committee
- Cultural Council
- Literacy Club
- ISTE, IETE and IEEE Student Chapters
- Departmental Societies / Associations

**5.3.7. How does the institution network and collaborate with the Alumni and former faculty of the Institution.**

The institution has a registered alumni association. Alumni association meeting is conducted regularly once in a year. Institution invites alumni to give their opinion and request them to interact with the students to share their knowledge and their experience in industry and R&D organization. A Web page is provided for the details updation for alumni in our college website, and a group mail is created for alumni students to exchange their ideas and opportunities for upcoming students. Active alumnae come and address 3rd and 4th year students towards career development programmes.



The college traditionally maintains live contacts with its former faculty in more than one way. The former faculties are invited as an expert in the examination and for guest lectures. In addition the former faculties are invited in the functions of alumni association, annual day, traditional day, workshops of the relevant departments.

The institution maintains Facebook account and CampusConNet, through these all the Alumni and former faculties will be sharing their experience. This plays a major role in bridging the gap between the alumni and the juniors. Sharing of views and innovative thoughts with juniors not only develops their technical skills but also develops their personality which suits for Present market conditions.

## **CRITERION VI GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1. Institutional Vision and Leadership**

**6.1.1. State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?**

**VISION:**

Holy Mary Institute of Technology and Science strives to develop eminent, excellent and skillful engineers and professionals with superior technical competencies and personalities through high quality education, co & extra-curricular activities.

**MISSION:**

- To impart high quality professional and technical education for the rural students, to become responsible professionals and citizens.
- To provide a scholarly and vibrant learning environment that enables students, faculty and staff to achieve personal and professional growth.
- To contribute to advancement of knowledge, in both fundamental and applied areas of engineering, technology and management sciences.
- To forge mutuality beneficial relationships with governmental entities, industry, society, parents and alumni.

**Institutions Distinctive Characteristics:**

- ICT based teaching resources like smart class room, video conferencing and wi-fi campus for the effective content delivery and self learning
- R&D and Project Cell to inculcate and upgrade research activities
- A central library with digitalized services and discipline monitoring committee for the self motivation and self- discipline
- Green campus with 200 trees and a healthy and safe environment with rain water harvesting and cctv cameras.
- Uninterrupted power supply to conduct the laboratories through separate transformer
- Giving excellent technical knowledge to the students through the best academic activities and Teaching – Learning process

- External training and assessment to improve the employability skills of the students
- The Institution is diligent to our duties to serve the society.

The technical education today is facing many challenges and the society needs engineers who can transform the world into a better place to live-in and industry needs engineers with technical competence and excellent skills. To meet these challenges, the institute envisages developing into a world class campus by providing all facilities to produce highly competent engineers with a human touch and exemplary work ethics, who can build a better society for the future generations. Accordingly our Vision and Mission statement outlines the institute's distinctive objectives as follows:

**Delivery of quality and value based education:** Our Institution believes in value based education. Institution is committed to impart quality education along with ethical values and morals. To achieve the above, the institution has a clear policy to maintain quality at all levels, that includes good ambience and infrastructure, qualified faculty, teaching learning methodology, latest equipment in the laboratories, well connected Wi-Fi network, good library and reading material and other learning centric process.

**Development of Students to satisfy the stake holders:** Institution has a policy to develop and to meet the student's requirements, the parents, industry and the society. In this endeavour, the skill sets and the knowledge required for the students to live on their own legs after completion of degree is imparted. Institution closely develops a liaison with industry, R& D organization and reputed academic institutions.

**Promotion of research and development:** The institution understands the need of the research for development of society and lifelong skills of the students. Institution encourages, faculty and students in carrying out R&D work. Institution motivates the students to go for higher studies and develop research culture among the students.

**Addressing the needs of society:** Institution offers free education to the students through institutional scholarship. It provides the Entrepreneurship, Quality education to all students. Institution frequently conducts the social awareness programmes and participating in social activities.

**Institution's tradition and values:** Concentrate on the placement, academic discipline and imparting quality education to the students. The Institution values are gradually increasing through the top results in the state and best placement to the students from top Multi National Companies

**6.1.2. What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?**

Holy Mary Institute of Science & Technology was established by the "Holy Trinity Educational Society" and governed by eminent educational and industrial members. The Institution has a well defined Quality Policy that is incorporated in the service rules of the institution along with responsibility and delegation of power. The Management, the Principal, the faculty and the staff work in tandem in proper implementation of the quality policy. The Principal being the head of the institution provides a dynamic and requisite leadership to the system. The Chairman regularly interacts with faculty to discuss various policy matters and their effective implementation. The governing body members meet at regular intervals and discuss key aspects in detail and arrive at the necessary strategies and plans for developing the institution and improving the quality of education in the campus.

The Management and Principal are always available to the faculty who want to present their views, ideas and suggestions. The opinions of faculty and staff will be considered positively for evolving policies. The Principal provides academic leadership and in association with the various faculties, evolves strategies for academic growth. Required standards are maintained in all the activities, including teaching learning process, co-curricular, extracurricular, research and development activities are periodically reviewed by the management. The faculty are actively involved in the decision-making process to sustain and enhance quality of education imparted by the institution. The top management takes utmost care in providing excellent infrastructure facilities and conducive learning environment to the faculty and students.

The principal and the HoDs make plan for academic, teaching learning and research activities. Principal also update about the global education scenario, research in engineering education, industry institute interaction to the faculty and motivates them. He also develops liaison with eminent academicians, scientists, industries, professional bodies etc., to plan and implement the quality measures. Faculty plays a major role in design and development of quality policy. Faculty plans and delivers the academics as per the quality policy of the institution including lesson planning and execution, introduction of add on courses, add on experiments in laboratory, seminars and workshops for enhancement of the quality. Faculty takes efforts to embed values and ethics in education.

**6.1.3 What is the involvement of the leadership in ensure in the policy statements and action plans for fulfillment of the stated mission formulation of action plans for all operations and incorporation of the same into the institutional strategic plan Interaction with stakeholders, Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**

**The policy statements and action plans for fulfilment of the stated mission:** The management of the College has long term vision for both academics and administration. Management takes responsibility to provide the facilities for learning and growth of the college by providing budget under various heads for improving its infrastructure. Promotes research activities and encourages invited lectures so that the students become competent enough to meet the needs of industry. They guide, initiate, persuade the faculty and staff to actively involve themselves in realizing the goals and objectives of the management of the college. Encourage higher studies and research to compete the changing needs of the industry.

**Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan:** The action plans for operations are prepared under the guidance of the Principal, Deans, Heads of the Departments and coordinators. Committees such as class coordination, time table, internal assessment test, anti-ragging, cultural committee, and transport are initiated into their defined roles in formulating and achieving the plan. Prior planning for the conduct of the classes, co-curricular and extracurricular activities is done by the departments before the commencement of each semester. In order to ensure effective delivery of the curriculum, the faculty members prepare course file containing course document, lesson plan, quiz, assignment questions, and previous question papers. Budget is allocated to the departments for improving lab facilities, infrastructure and development of the institute.

**Interaction with stakeholders:** Stake holders are represented in BoM, CAC, DAC, IQAC, Advisory Committee and and Governing Body. Each program is having a program coordinator who will interact with all the stake holders. Parents meet is conducted once in each semester and feedback are taken for taking necessary corrective actions. The class coordinators and the mentors contact the parents and keep them updated regarding performance of their wards. Training and Placement Cell communicate with the employers and the feedback on students from employers are regularly recorded. The Alumni cell maintains contact with Alumni for getting necessary information on current issues and challenges in the industries.

**Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders:** Feedback from students, parents and alumni are taken to plan the academic activities. The Heads of the Departments review the departmental progress for continuous improvement in consultation with the Principal. The management supports any new plan which is for the benefit of students and progress of the institution. Based on the employers feedback about the students placed in the preceding years, training in the areas for improvement are planned. To improve the academic performance of the students OBE activities are conducted periodically. Additional classes are conducted for the slow learners and diploma holders. The management and Principal motivate the faculty members to acquire research grants.

**Reinforcing the culture of excellence:** Large numbers of UG & PG students are involved in Research in multidisciplinary areas like Robotics, Materials, MEMS, Cloud computing etc. Research & Development Cell promotes research culture among faculty and students. In addition to courses in the engineering and science domain, we have introduced courses on Environmental studies, Constitution of India and professional ethics, which make the graduates will equipped with societal issues which in turn help them in their professional careers. The students are trained in soft skills, communication skills, technical skills and thus meeting the requirements of employers as well as the global challenges.

**Champion organizational change :** The purpose of organizational change is to address perennial evolution needs of successful organizations. It reflects our readiness to meet change and challenges in the global market. The Governing Council comprises of persons of eminence in the field of Higher Education/ Industries/ Research Organizations besides representatives of the faculty. With their rich experience and background they are guiding the destiny of the Institution so as to occupy a place of eminence in the field of higher technical education which is evidenced by the outcomes in terms of performance metrics like pass percentage, placement percentage, presentation in conferences, journal publication, accepted proposals, consultancy work etc. The college has also entered into MoU's with most reputed MNC's for molding the carrier of students right from their entry till they become successful professionals while exiting the premises. We are planning to acquire the status of an Autonomous Institution and in the short term and culminate into a University in the long run under their able stewardship.

**6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?**

Following are the procedures used to monitor and evaluate policies and plans of the institute:

- Teacher plans the course well in advance. The syllabus is divided in to modules and lesson plan is carried out month wise and the syllabus is completed well in advance. This is done by the subject teacher in consultation with the HoD. Subject teacher and HoD monitors the daily/weekly/monthly attendance of students and use this delivery of academics.
- Students' attendance and internal marks are recorded. Corrective actions are taken whenever required by informing the parents, conducting retest, special classes etc.
- Research contributions of the students and faculty are recorded and monitored.
- Faculty and students are sponsored and sent for presentations in national and international conferences, FDPs, workshops, seminars etc.
- Students are sent for internships, implant training and industrial visits to other organizations. These are also recorded and improvised year after year.
- Students of both at UG and as well PG level are encouraged to take up the final year projects in industry during their last semester. This is done so that they get the feel of the industry and also they become aware of the industry scenario and its requirement. This helps to know the strengths and weakness and can upgrade themselves.

Several committees are constituted by the principal to monitor and evaluate the policies of the institution for improvement. Some of these are academic planning committee, academic monitoring committee, students counselling committee, placement cell, sports committee, canteen committee, hostel monitoring committee, transport committee, anti – ragging committee, grievances and redressal committee, discipline monitoring committee, etc., Every committee has its own objective and its performance is reviewed by the principal from time to time. The progress is reported to the Principal through the Head of department

**6.1.5. Give details of the academic leadership provided to the faculty by the top management?**

The Management and Principal ensure harmonious climate of human relations between students, faculty members, and departmental heads leadership in presenting their views and suggestions for the development of the institution. The institution emphasises on motivation for research and professional progression with a degree of liberty. Faculty members are part of the decision making process at all levels. They are members of various committees constituted by the principal like, class committee, students counselling, grievances redressal committee, purchases committee, discipline committee, time table committee, anti ragging committee, hostel committee, entrepreneur development cell, alumni association, college day committee, sports day etc., in which the faculty members provide suggestions on various issues. There is freedom of action, decisions, freedom of research and publication, freedom of thought and expression.

Top management and principal involved the faculty in academic leadership by involving them in various committees

S. No	NAME OF THE MEMBER	COMMITTEE	RESPONSIBILITIES
1	Dr. N. Subash Chandra	Advisory committee	1. Frequent rounds in the College Campus and surroundings. 2. Keep close watch on the visitors of non-students/strangers in the college campus.
2	Prof. V. Krishna	Alumni Association	1.To maintain a database of all passed out students 2.To submit the periodic reports to the principal and management regarding activities of the Committee.
3	Mr.Y.D.Soloman Raju	Anti Ragging Committee	1.To see that no ragging takes place in the institution by keeping strict vigilance 2.To immediately bring to book the culprit and report the matter to the management to inflict deterrent punishment as per law.
4	Dr.E.Daniel Francis	College Academic Committee	1. Except for ex-officio members, participation on the Council and its committees shall be on a voluntary basis. All reasonable arrangements will be made to make participation on the Council as accessible as possible. 2.Members shall make them available to their departments and keep their peers informed of major issues before the Council.



S. No	NAME OF THE MEMBER	COMMITTEE	RESPONSIBILITIES
5	Mr K K Dhwan	Cultural Committee	1.To see that no ragging takes place in the institution by keeping strict vigilance over certain identified potential senior riggers. 2.To immediately bring to book the culprit and report the matter to the management to inflict deterrent punishment as per law.
6	Mr.Y.Ramakrishna	Examination Committee	1To inspect the exam section and ascertain the defects in operations and rectify them by properly guiding the staff. 2.To identify the problems faced by them and take remedial measures by discussing the matter with the Principal and management.
7	Mr. Srinivas Rao	Finance Committee	1 All the above records have to be thoroughly inspected by the committee and any shortfalls should be immediately retrieved or the matter should be brought to the notice of the Management immediately. 2.All the financial to records maintained should be inspected and lapses shortfalls or discrepancies should be noted and connective measure to be initiated.
8	Mr. Durga Prasad	General Maintenance committee	1 To make regular routine checkup of entire campus to ascertain damages to the properties of the college. 2To identify repairing and servicing agencies for equipment and enter into annual maintenance contract to keep all the equipments up dated for use
9	Mr. A. Vara Prasada Reddy	Governing Body Committee	To formulate policies, goals and objectives of the college To advise the Governing body on various matters to enable it to take appropriate decisions
10	Mrs. N. Jyothsna	Grievance & Redressal Committee	1Teaching workloads is distributed among staff based on the strength of the individual faculty member. 2Performance appraisal is shown to the faculty and signature obtained.
11	Mr. Kamalakar Reddy	Library Committee	In addition to the goals and objectives of the Central Library long-range plan. The Library Development committee will revise the standards for Libraries.
12	Mr.D.Srinivas Rao	Sports Committee	To organize various district and state level competitions in Indoor and Outdoor games such as chess, shuttle cock ball badminton etc., cricket volley ball etc., To develop the physical education activities in co-ordination with the physical director by introduction of new areas sports and games in the campus in consultation with the Principal. To identify and appoint experts coaches in various games and sports activities to coach the students to develop them to win the events in the competitions.

S. No	NAME OF THE MEMBER	COMMITTEE	RESPONSIBILITIES
13	Mr.R Dinavahi	Training & Placement Committee	<p><b>Guest Lecturers:</b> To arrange for guest lecture by inviting engineers and top executives from industry to visit the institution to deliver lectures and to impart industrial exposure to the students.</p> <p><b>Departmental Development Council (Ddc):</b> To promote DDC inviting technical as well as managerial experts from industry to the institution to participate in the Department Development Council for curriculum development. As per their advice value based additions to the syllabus could be made to cater to the needs of the present industry and also certain new equipments could be added in the laboratories accordingly</p>

The institution also provides academic freedom to faculty members to strengthen teaching and learning through independently organizing orientation programs, induction programs, seminars, workshops, development of new and innovative experiments, etc.,

**6.1.6 How does the college groom leadership at various levels? College develops the leadership qualities among faculty by involving them in various developmental committees and giving opportunity to organize workshops/seminars/sport meet/NSS activities/blood donation camps etc.**

The institution tries to build up leadership among the faculty at all levels. The college believes in decentralization of administration and transparency in governance. Independence is given to all Heads of the Departments in planning, organizing and implementing various activities in the departments in a effective way. The HoD's in turn will delegate the authority and support the faculty in taking up various departmental activities like games, social, co-curricular and extracurricular activities to enhance the leadership in faculty and students.

Almost all students' programs are headed by the students, there by the students will develop the leadership qualities in organizing such events. Career guidance cell arranges seminars on leadership development. Institute nominates students on class council, University representative, hostel representative, canteen management, sports management, etc., to make them take decisions and develop leadership qualities.

Among the faculty the leadership quality is inculcated in participation of departmental activities, preparation of institution budget, purchase of equipment, Grievances Redressal, conducts various activities independently as suggested by the principal. The principal exhibits leadership in development of the institution, in formulating the

academic and administrative activities, coordinating effectively with students, staff, faculty and the society.

The management always encourages the principal, faculty and the staff in improvement of the effectiveness and efficiency of the intuition.

**6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?**

As mentioned earlier, the college ensures decentralization and thus delegates authority at different levels ensuring good governance. Powers are delegated to the HoD's in organizing workshops, seminars, preparation of class work, distribution of work to the faculty, teaching content beyond syllabus, inclusion of new and innovative experiments, nomination of faculty members as lab in charge etc., with the help of various committees. The HoD's prepare the academic schedule in consultation with the faculty members of the department. The HoD's and faculty are empowered to give recommendation letters to the outgoing students of our institution.

The institution also delegated authority to the administrative unit of the institution. The administrative unit provides transport facilities for faculty and students, it plans journey routes and take care of vehicle maintenance. The administrative department gives certificates like, bonafied, attendance, railway concession, etc., independently as per the requirements of the students. This unit also has autonomy in overseeing the functions of canteen, hostel, and any other matter related to the students. It implements the store's inventory system and purchase of equipment, passes of bills for payment of money to the vendors.

**6.1.8. Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.**

Yes, the institute promotes a culture of participative management. Leadership in the institute always recognizes the significance of the views of all the employees and hence practices this culture meticulously. The different levels of participative management are:

At strategic level the faculty members provide inputs to the governing body in framing the policies, procedures, guidelines, rules and regulations and effectively implementing the same to ensure smooth and systematic functioning of the institute. All the faculty members meet, discuss, share their opinion and plan to conduct various events on behalf of the institute and committees are formed to conduct the event smoothly. Faculty members are also involved in providing inputs

in framing the course and examinations to be conducted by the institute.

At functional level the faculty members participate in sharing the knowledge by discussing on the latest trends in technology during faculty meeting. They are also encouraged in writing research articles. Faculty members also write joint research papers and share their knowledge. Staff members are involved in preparation of annual budget of the department. They also correspond with the University and AICTE.

At operational level, the principal of the institution is a member secretary of the BoG. The BoG gives suggestions and monitors the procurement, introduction of new programs and welfare activities. The head of the institution is responsible for academic, non-academic and administrative activities of the institution. On behalf of the institution, he interacts and corresponds with AICTE, Commission of Technical Education, Govt. of T.S., UGC, Affiliating University, etc., The budget is earmarked for staff members and students to participate in various programmes organized by the institute. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve the quality standards.

## **6.2 Strategy Development and Deployment**

### **6.2.1. Does the Institution has a formally stated quality policy? How is it developed, driven, deployed and reviewed?**

Holy Trinity educational society is committed to create quality professionals in order to meet emerging industrial and social needs through a system of quality assurance, and to continuously address, monitor and evaluate the quality of education through effective teaching learning processes.

Yes, Institution has formal quality policy, which states as:

“We at Holy Mary Institute of Technology & Science endeavor to pursue global standards of excellence in all our endeavors, namely Engineering Education for all graduates and post-graduates, Research, Consultancy, and Continuing Education and to remain accountable through a process of self-evaluation and continued improvement.”

Based on the vision and mission of the institution, the BoG has framed the quality policy driven by the needs of the society, stake holders, industries, to bridge the gap in curriculum through providing good infrastructure and conducive learning environment, building harmonious work culture, the needs of the society, and aspirations of

the parents. All the activities which are the part of the quality policy are closely monitored. The various performance indicators like pass percentage, research, placements, achievements in co- curricular activities and extra-curricular activities of students are analyzed and reviewed. Considering the quality policy of the institution, the perspective plan has a short terms and long terms goals. Some of the major goals are establishment of research center, Centre of excellence in each department, skill development center. The institution propose to establish the above as early as possible after obtaining the autonomous status from the affiliating University/UGC.

**6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.**

Yes. The institute has a perspective plan for development. It is developed by the head of the institution, based on the consultations and feedback after meeting all concerned heads of various departments and committees at institution level along with individual proposal at faculty level being considered for an agenda point for discussion at annual governing body meeting.

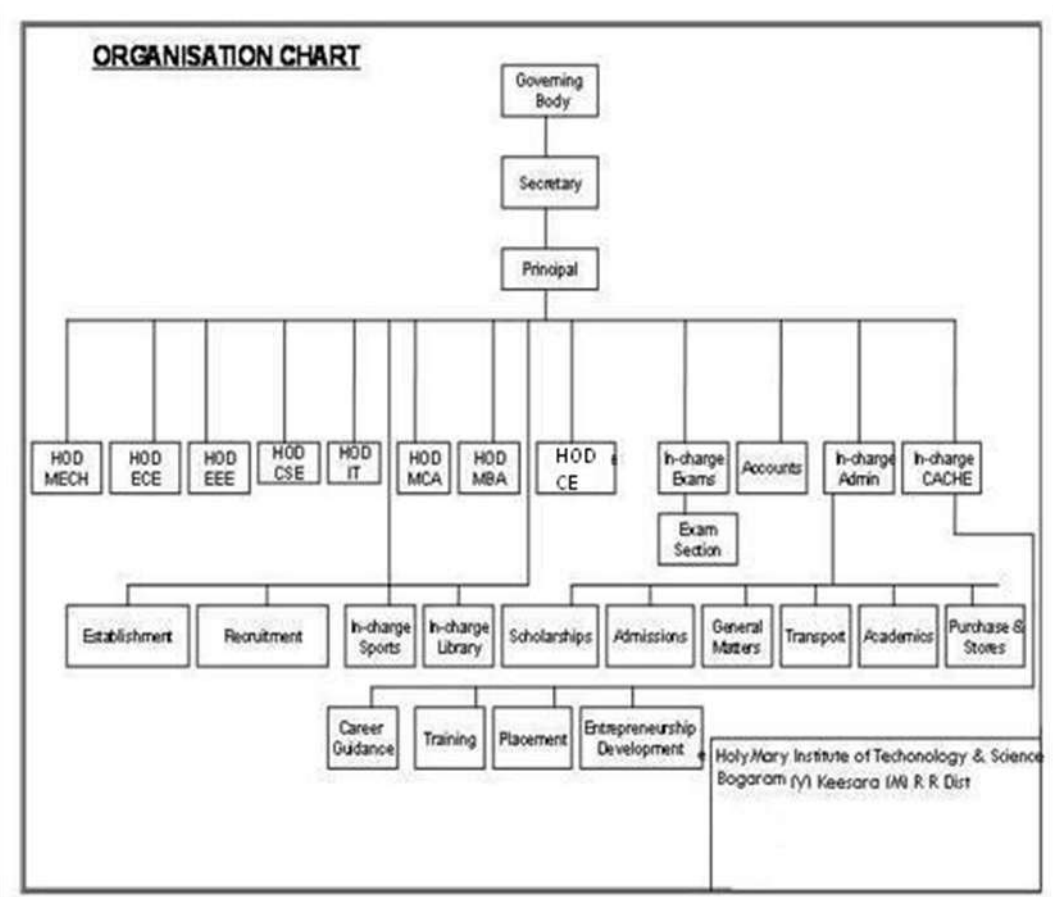
The planning and execution is monitored by the principal regularly. Adequate annual budget is part of the development plan. The aspects that are included in the perspective plan are drawn from the recommendations of the following committees: Viz: Academic Council, Student Council, Entrepreneur Development Cell, Grievances Redressal Cell, Anti ragging committee, library committee, hostel committee, transport committee, etc.,

The perspective plan of the institution is:

- To obtain accreditation from NAAC, NBA,
- Permanent Affiliation from the University,
- Autonomous status from the University,
- Autonomous status from the UGC,
- MoU's with Industries,
- To offer Consultancy Services in various fields of specializations
- Securing recognition by UGC under 2(f) & 12(b) of the UGC act.
- Establishment of R&D Centre in Interdisciplinary technologies.
- Establishment of Incubation centre and
- Obtaining the status of Top ranked engineering Institution in the state of T.S.

**6.2.3 Describe the internal organizational structure and decision making processes.**

The institution has a well-defined de-centralized organizational structure depicted in the chart shown below.



- The Principal is the head of the institution who looks into both academic and administrative matters and acts as a bridge between the Management, Staff and Students.
- Administrative Officer work with the Principal in executing general administrative works.
- HOD is responsible for the functioning of the Department as per the laid down policies of the college and will be reporting to the Principal. HOD will prepare budget estimation for the Department for its operation, maintenance and development.
- HOD will constitute various committees at the department level for smooth implementation of various activities.
- Director (R & D) looks after all the activities related to Research and Development.

- Coordinators of all committees at the college level will report to the Principal.
- Training and placement Officer looks into all activities related to campus recruitment and training of students will be reporting to the Principal.

All decisions are taken by BoG and it directs the principal for implementation through the heads of the departments and other bodies.

**6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following**

Teaching & Learning:

- Prior planning for curricular and co-curricular activities
- preparation of lesson plans & course schedules by individuals
- Using ICT for classroom instruction
- usage virtual laboratories/video lectures
- optimum utilization of library facilities
- arranging bridge courses, Add-on courses.
- utilisation of E-learning facility
- encouraging innovative inter disciplinary projects
- remedial classes
- Well-planned day-wise Time-table arranging guest lecturers from eminent personalities
- arranging/ attending the workshops / EDPs/refreshers courses/skill oriented programmes
- motivated the faculty to acquire the higher educational qualifications
- Effective formative/summative evaluation system
- Best feedback mechanism

Research & Development:

- Encouraging staff to apply for research projects
- Encouraging staff to pursue Ph. D.
- Motivating faculty towards research
- Enlightening students about the importance of research
- Enlightening students & staff about the research grants/assistance from national agencies.

Community engagement:

- Holding NSS camps in the villages
- Motivating towards Outreach programmes
- Conducting Surveys through students on community
- holding awareness camps in the villages
- involving the community in college functions and development programs
- extending consultancy services to the community

Human resource management

- Recruitment process: well qualified faculty are recruited by following AICTE norms
- Retention of faculty: long standing benefits such as leave facilities, increments for the acquirement of higher qualifications, awarding special appraisal certificates
- Amicable relations with the staff
- Concern for the problems of the staff & students
- Student-friendly atmosphere in the campus

Industry interaction:

- having tie-ups/linkages with the nearby industries
- organising fieldtrips for students to industries
- interaction with the industry personnel

**6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?**

The head of the institution ensures that adequate information is made available to the top management to review the activities of the institution through:

- Collecting Feedback from students periodically
- Taking feedback and suggestions from Parents on periodical basis through parents meets
- Continuous process of counselling and mentoring mechanism by faculty coordinators
- Periodical meetings with class review committee members.



- Alumni association recommendations to enhance the academic excellence
- Monitoring student learning experience outside classroom throughout the year
- Assessment through Well-designed evaluation on the effectiveness of teaching and measuring the learning outcomes of the students.
- Interaction with the regulatory bodies, like AICTE, JNTUK, UGC, through formal letters, meetings, and takes suggestions and guidance.

The principal also presents the detailed annual report of activities of the institution. The principal also organizes the meetings with the parents, alumni, industry, R&D experts and presents a report of the institution and seeks their suggestion for the betterment of the institute. Management members are accessible to the head of the institution in all the time for guidance and suggestions.

**6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?**

Faculty members and non-teaching Staff are involved in various academic and administrative processes which include admissions, correspondence within the institute and with the university, placement activities, examination work, organizing department level and institute level functions, heading various committees at department and college level, designing the required training programs, preparing annual budgets etc.

The management encourages and supports the involvement of staff through: Freedom of action and decision, freedom to give the suggestion which help in the progress of the institution, felicitating faculty members and the staff for their long service in the institution, they are encouraged to attend seminars, workshops, and conferences, guest lecturers either as participants or resource persons. The technical staff is also allowed to undergo the training related to the laboratory and use of computers.

**6.2.7. Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.**

The institution is affiliated to the JNTU Hyderabad. Being an affiliated institution, there is no management council, but has a Board of Governors. The following Resolutions were adopted in the Governing Body meeting held in the month of Dec of 2016:

- Approval of the annual budget proposals for the financial year 2017-18
- Approval of the Placement activity report and suggestion for improvement
- Ratification of appointments made subsequent to the previous BoG meeting
- Securing accreditation from NAAC, NBA
- To review the functioning of Internal Quality Assurance Cell (IQAC) as recommended by NAAC
- To encourage the faculty to apply for major research projects from various funding agencies.
- To recognize the good work of the faculty who is instrumental in obtaining good results for a particular subject in the class and motivate others to perform better
- To reward the students who achieved topper in academic competitions.

**The status of the implementation of such resolutions:**

- The annual budget proposals for the financial year 2015-16 are approved in the BoG meet.
- Internal Quality Assurance Cell (IQAC) is fortified with additional members as recommended by NAAC
- Research projects applied to AICTE and DST to a tune of 42 lakhs are in progress.
- The Institution has completed preparing the SSR and is submitting for LoI for NAAC.
- The Institution already completed the NBA Expert Team Visit and result awaited.

**6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?**

Yes. The affiliating University makes provision for according the status of autonomy to affiliated institutions. Institution is planning to apply for the autonomous status after getting NAAC Accreditation.

**Efforts made by the institution in obtaining autonomy:**

- Working with the sole objective of maintaining high academic standards

- Providing career-oriented education in the most cost-effective manner.
- Good infrastructure
- Targeting excellent academic performance in university examinations and academic/co-curricular/extension activities.
- Focusing on the increase of placements
- Motivation and involvement of faculty in the promotion of innovative reforms.
- The teaching faculty is encouraged to find the gaps in the curriculum in-line with the technological developments. The gaps are filled by the eminent professors of reputed institutions
- A strict and well structured evaluation is proposed by the University for End Examinations. However for the internal exams strict and transparent evaluation procedures are adopted for theory and lab.

**6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?**

Institution has a grievances redressal cell to resolve the grievances of students and faculty. Appropriate committees will be formed to look into the grievances if needed , and they will be addressed. The mentoring system also helps in taking prompt action on any complaint received from the students. The anti-ragging committee functions well in the college and the committee members display the anti-ragging notices against ragging in the notice boards. Woman Grievance Cell (WGC) of HMITs is a counselling and redressal centre for the women members in the campus. A complaint box is placed in each department which also helps in identifying the problems in anonymity also.

**6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?**

No

**6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?**

Yes. The institution has a mechanism for obtaining the student feedback on academic matters like faculty performance (Clarity of

instruction, interactive teaching, lecture planning, usage of illustrations and examples, Punctuality etc.), syllabus coverage and teaching learning facilities and improvements required. Student's feedback plays a vital role in the evaluation, development and enhancement of the quality of the teacher-learning process. Feedback gives an opportunity for the students to comment on the quality of their learning experiences and the faculty member to know about the teacher-learning process going on in the class. It also gives them the areas on which they need to focus.

The feedback is collected twice in a semester and analyzed. The class monitoring committees will provide feedback on coverage of syllabus. Results of the feedback process are made available to the faculty members and Heads of Departments. After a thorough analysis of these inputs, the HoD provides his views and suggestions and communicates the same to the concerned faculty. The faculty members having poor feedback are called by the Head of the department and the problems are discussed. The performance for the subsequent semester is monitored. The faculty members having good feedback are appreciated. This process has helped the faculty members to identify the gaps and improve in that direction. Problems beyond the control of the principal will be focused to the management. At the BoG meeting these problems are discussed and solution is offered to the principal for implementation.

Due to the implementation of an active feedback system, we got good outcome on teacher quality, better infrastructural facilities, and best maintenance of discipline in the campus and better exam results etc.

### **6.3 Faculty Empowerment Strategies**

#### **6.3.1 What is the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?**

The institution has laid down policy to support the teaching and non-teaching staff to enhance professional development. To enhance the professional development of teaching staff, following the steps are taken:

- The Head of the institution recommends the proposals received from the faculty members who wish to join for part time Ph.D./M.Phil.
- The Institution provides special leave to attend for Refresher/Orientation courses

- The teaching staff is permitted to attend faculty development programmes (FDPs) conducted within the college and outside the college.
- Leave provision (O.D) and T.A, D.A and Registration fee benefits are given to the staffs who attends the seminars, workshops. Faculty Development Programs etc.
- Incentives are given to staff members to enhance their professional knowledge by presenting and publishing the papers in national and international conference/ journals.
- Heads of the Departments will provide transparencies and CDs etc to prepare effective modern teaching techniques such as OHPs and LCDs etc.
- Faculty makes use of NPTEL video lectures prepared by IIT experts to improve teaching learning process.
- Faculty makes use the virtual laboratories
- Non teaching staff is guided by the senior staff in the upkeep of the laboratories and handling the equipment.
- The institution encourages the staff to attend the Conferences, workshops, Faculty development programs & Training Programs etc and motivated to publish papers their work in journals.
- Skill development programs are conducted for teaching staff/non teaching staff to update their technical knowledge.
- The following is the list of faculty completed qualification enhancement through QIP:

- **2016-17**

S. No.	Name of the Staff member, Designation and Department	Qualification Enhanced through QIP	Organisation
1.	Mr. B. Devender	Awarded Ph.D (CSE)	JIT University, Rajasthan
2.	Ms. V. Sudeshna	Awarded M.Tech(CSE)	JNTUH, Hyderabad

- **2015-16**

S. No.	Name of the Staff member, Designation and Department	Qualification Enhanced through QIP	Organisation
1.	Ms. K. Pratyusha	M. Tech (CSE)	JNTUH, Hyderabad
2.	Mr. T. Kanakayya	M. Tech (CSE)	JNTUH, Hyderabad
3	M. SIVA PARVATHI	Awarded M.Tech(CIVIL)	JNTUH
4	K. NAGA PURNIMA	Awarded	JNTUH

		M.Tech(CIVIL)	
5	J. VINEELA RAJI	Awarded M.Tech(CIVIL)	JNTUH
6	P. MADHAVI	Awarded M.Tech(CIVIL)	JNTUH
7	M. FAYAZ	Awarded M.Tech(CIVIL)	JNTUK
8	M. MAKATLAL	Awarded M.Tech(CIVIL)	JNTUH

• **2014-15**

S. No.	Name of the Staff member, Designation and Department	Qualification Enhanced through QIP	Organisation
1.	Mr. B. Nagulu	M. Tech (CSE)	JNTUH, Hyderabad
2	M.HARISH KUMAR	Awarded M.Tech(CIVIL)	JNTUH
3	SK. JILANI	Awarded M.Tech(CIVIL)	JNTUK
4	J. VENU GOPAL	Awarded M.Tech(CIVIL)	JNTUK

**6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?**

Faculty are encouraged to upgrade their qualification, to attend seminars/ conferences, to involve in college administration, awards and rewards to the meritorious teachers, based on their teaching and other work related to the college.

- Orientation programmes are conducted for the newly recruited faculty members. Training on instructional design & delivery is provided by the expert faculty from premium institutions before the commencement of academic Year. Principal and the senior faculty members address them on topics such as policies of the institution, opportunities provided for the career growth, classroom management etc. Motivational lectures by eminent personalities are arranged.
- Training is provided to faculty on emerging technologies and also on real time problems in industry by eminent persons from industry and faculty from reputed institutions by organizing guest lectures and seminars.
- Institution formulates various committees with faculty as coordinator / member with proper allocation of work, assigning responsibility and grant of adequate authority and autonomy.

- Constitution of best teacher award in teaching / research and thus appreciation of the merit, talent and professional delivery every year.
- Faculty are sponsored for training programmes, paper presentations, attending seminars, workshops, quality improvement programmes etc.
- Besides better working environment conducive to teaching learning processes, other benefits like group insurance, PF and incentives for both better performances as well for acquiring higher educational qualification has made the college to have higher retention ratio.
- Woman faculty members are given maternity leave.

**6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.**

Performance of a faculty member is evaluated by the following:

**Self appraisal** form is supplied to all the faculty members and staff members every year by the institute. The faculty and staff members complete and submit the self appraisal form to the HoD. The Performance of the faculty is analyzed through the details provided by them in the self appraisal form. The performance is assessed basing on various parameters such as Examination results, pass percentage, relative position with respect to other neighboring affiliated colleges, scores of students in other competitive exams, Student feedback, Involvement in co-curricular and extracurricular activities, Responsibilities taken in the department, Publications and research work and the development of new and innovative experiments etc.,. The appraisal committee scrutinizes them and refers to the Principal. Based on the committee report, the faculty members are rewarded/given the appreciation certificates.

**Feedback system by the student** is in force to evaluate the classroom performance of a faculty member. The questions in the feedback include discipline in the classroom, punctuality, teaching methodology, communication skills and define how far the teacher has succeeded in reaching out to the students. All the students are expected to give their feedback for all the teachers concerned with their classes. The identities of students are not disclosed. These details are accessible to staff so as to help them judge their performance. If there are any issues of concern, the faculty member is supported to overcome the lacunae without lowering self esteem. Wherever required, counselling is provided to staff in order to help them improve their professional capabilities.

**6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?**

- The names of the faculty members who show good performance are recommended to Best Faculty Awards.
- If any Faculty receives an award/ paper published /attended to international conferences, it will be circulated and displayed in the notice board.
- Based on the Performance Appraisal, increments or cash awards are provided to deserved candidates and for the career advancement of the staff.
- Positions of some staff are elevated.
- Appreciation letters are given for certain achievements. The achievements are announced to the concerned staff through letters or in staff meetings or college day celebrations. The management does not take capitation fee for any courses. It also has a financial commitment of paying management appointees who are in sanctioned posts but are yet to receive Government salary. Hence significant remuneration and perks cannot be offered to attract eminent faculty. However unbiased merit based selection and appointments of meritorious candidates have sustained the quality of teaching staff.

**6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?**

- Additional increments are sanctioned to the deserving faculty to create a culture of commitment and attachment to the institution.
- Hardworking staff and faculty are given cash awards.
- Insurance facility is provided to both staff and students.
- Fee concession is given to staff children in the campus school to the extent of 25% to teaching staff and 50% to non-teaching staff. Subsidized transport is provided to all
- Special academic leave for research and PhD work.
- Sponsoring for higher education through QIP (9 faculty members are benefited.)
- Incentives for paper publications
- Sponsoring for seminars / workshops etc.



- Contributory EPF facility for the regular staff.
- Free transportation to all employees,
- Maternity leave is provided for woman staff members,
- Earned leave and medical leave is provided is provided for ratified faculty.

**6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?**

- The Management looks after the enhancement of salary to the dedicated faculty
- Eminent faculty are elevated in their positions .Since the development of good students depends on the quality of teachers, faculty members are given necessary encouragement to improve their competence in various areas. Following benefits are provided:
- Deputing staff regularly for quality improvement programmes, Seminars, Conferences, Workshops, summer and winter continuing education courses. For each faculty such opportunity is provided twice in a year.
- Registration fee is born by the institution.
- Structured pay scales are proposed for qualified faculties
- For the deserved candidates i.e. qualification with experience, depending upon needs of the faculty higher salaries are offered
- To attend for the workshops academic leaves are provided. Each faculty is provided with Eight academic leaves per year.
- Providing opportunity to involve in research & developmental activities of their choice in the department and at the Institutional level.
- Identifying teachers with special talents and competence and encouraging them by honoring them with awards, monetary benefits etc.
- Encouraging teachers to conduct training courses for personnel in Industries / Educational Institutions.
- Providing the various leave benefits such as:
- Study Leaves
- Academic Leaves
- Extraordinary Leave

- Maternity Leave
- Some of the senior faculty who are encouraged for Ph.D. Registration:
  - 1) Mr. V Krishna – CSE Dept
  - 2) Mr. B. Karunaiah – ECE Dept
  - 3) Mr. Y. David Solomon Raju – ECE Dept
  - 4) Mr. K. Kanthi Kumar – ECE Dept.
  - 5) Mr. G V Koti Reddy – CSE Dept
  - 6) Mr. Y Rama Kriashna \_ CSE Dept
  - 7) Mr. S R K Reddy – EEE Dept
  - 8) Mrs. N.Joshna – S & H Dept
  - 9) Mr. B. Ravikumar- CSE Dept
  - 10) Mr. B. Narsimha- CSE Dept

#### **6.4 Financial Management and Resource Mobilization**

##### **6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?**

The financial resources of the institute are managed in very effective manner. A fully computerized accounts department is functioning in the institution. The following types of accounts are in operation.

1. Receipts and payment accounts
2. Income and expenditure accounts
3. Balance sheet.

College obtains proposals from concerned departments in an academic year under three different heads of account i.e., capital budget, maintenance budget and developmental budget. It mainly allocates fund for the salary of its staff and faculty. Infrastructure development, faculty development, research, library, canteen, hostels are the other recurring expenditures. The institution monitors the earnings by the admissions of the students in to the institution and revenue collection in the form of deposits (loans from banks), interest derived on deposits and other assets. Salary component, infrastructural requirement based on increased intake and new courses, the equipment in laboratories, furniture, books, journals and sundry expanses are considered as expenditure. After assessing the projected income for an academic year, college allocates budget to each department with details. Purchases will be made with the recommendations of duly constituted purchase committee. If any expenditure is made beyond budget sanction, ratification will be done in a special meeting.

**6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.**

The accounts and procedures of internal control of finance are carried out by the head of the accounts team on a day to day basis and annual audit is done by the statutory auditor. The audit of accounts and submission of income tax returns are being carried out regularly each year. The institution carries out internal audit quarterly and external audit yearly. The external audit is done during the month of April and May in every year. The audit report is hosted on the website.

There are no audit objections since the institution follows a good system of internal controls like calling quotations, comparison of rates, preparation of purchase order etc., and approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. No expenses are incurred without proper approval or sanction by the Head of the institution or HoDs of various departments.

**6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.**

The institution is self-financed institution. The major source of income for the institution is the collection of tuition fee for students as stipulated by the Govt. of T.S. and fee re-imburement by the Govt. of T.S. In case of deficit financing, loans are taken from banks to meet the expenses

Audited data for income and expenses for the last 4 years:

S.No.	Description	2016-17	2015-16	2014-15	2013-14
1	Income		148828433	144430120	103276886
2	Academic Expenses		99703316	96903797	69903602
3	Administrative Expenses		49125117	46305321	33373284
4	Total Expenses		148828433	143209118	103276886
5	Surplus/Deficit			(1221002)	

The audited statement of income and expenditure is hosted on institutional website.

**6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).**

Additional funding is sanctioned from research agencies such as UGC, DST, AICTE, DRDO etc for approved project proposals submitted by various departments. These funding enables the purchase of sophisticated equipments, upgrade the labs, establish new research facilities and carry out innovative projects. After the completion of the proposed project utilisation certificates are prepared and submitted to the respective funding agencies. Institution applied to AICTE and DST for funding to organize seminars/work shops/FDPs.

**6.5 Internal Quality Assurance System (IQAS)**

**6.5.1 Internal Quality Assurance Cell (IQAC)**

**a) Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

Yes. The IQAC was established on **5th June, 2013**, prior to IQAC, academic council looks after quality sustaining activities. IQAC consists of:

1. Chairperson: Principal  
Dr. N. Subhash Chandra
2. Senior administrative officer
  - Mr. Durga Prasad
  - Mr. A.V. Sarma
3. HODs
  - i. Dr K.M. Rajashekaraiiah - CSE Department
  - ii. Mr. Y. David Solomon Raju-ECE Department
  - iii. Mr. S. Radha Krishna Reddy-EEE Department
  - iv. Prof S Jaikrishna -Mechanical Department
  - v. Ms. C. Siva Parvathi - Civil Department
  - vi. Mr S Kennady Babu –M BA Department
4. Two members from the Management
  - i. A. Vijaya Sarada Reddy, Secretary, HTES
  - ii. A. Siddhartha Reddy, Vice –Chairman, HTES
5. One nominee from local society
6. One teacher acting as the coordinator of the IQAC-  
Prof. V Krishna

**The policies of the institutional quality assurance cell are:**

- Use of innovative teaching methods and to equip the students with the knowledge about the latest trends in their respective fields and to prepare them to meet the challenges of the job market.
- Implementation of the Outcome Based Education (OBE) system
- To focus on augmenting the placement of the final year students in reputed companies through effective campus placement drives.
- To organize more number of guest lectures by eminent resource persons/subject experts in all the departments to enhance the academic input.
- To implement Remedial Coaching classes for the slow learners and Bridge courses for students from other school backgrounds and Add on courses beyond syllabus for academic enrichment.
- To conduct Faculty Development Programmes (FDPs) periodically to update their knowledge. Faculty motivation for higher studies and for writing text books.
- Organization of workshops and seminars, and organization of national conferences of all the Departments.
- Research project funding from AICTE, DST etc.
- To improve the communicative skills of the students.
- To upgrade the industry-institution relationship by developing linkages with professional and research bodies and motivate students for carrying out live and innovative projects.
- To inculcate the spirit of service mentality among student volunteers through NSS activities
- To give adequate counselling and guidance to students in their personal/ academic/ professional fronts through the Counselling and Guidance cell.
- To encourage more number of students to participate in sports by providing them with required training, coaching and guidance.

**b) How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?**

No. of decisions approved	No. of decisions implemented
(for the last 4 years) 15	12

A majority of the above suggestions made by IQAC are implemented in our institution like implanting innovative teaching methods, organizing workshops and conferences, teaching add on course beyond syllabus, taking membership in professional bodies like ISTE, CMSI, CSI, IEI etc.,.

**c) Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**

The Institutional IQAC has external members drawn from the Departmental Advisory Committee. The committee evaluates the faculty performance and guides them for improvement in teaching learning. The presence of other members from industry helps in redefining some of the parameters in improving the quality of the skills of the students to make them placement / industry ready by the time they complete the course.

**The significant suggestions made by them are as follows:**

- First year students who find it little difficult to manage the transition in the pattern of teaching and preparation, from +2 to the college, should be identified and given certain special coaching and assignments.
- Every faculty member holding Ph.D. or pursuing Ph.D. should prepare project proposal in his /her specialization and submit to funding agencies.
- Post Ph.D. appraisal should be conducted for faculty members.
- Applying for NABL accreditation for Department laboratories must be planned.

**d) How do students and alumni contribute to the effective functioning of the IQAC?**

- The Alumni meet the coordinator of the IQAC whenever they want to give suggestions or discuss the things related to the college
- The students interact with the coordinator of the IQAC on all the working days and voice their views.
- Both students and Alumni see that the basic amenities (such as water coolers, endowment scholarships etc) are provided in the college campus.
- Some Alumini working in software companies guide the students for better placements in multinational software companies.

**e) How does the IQAC communicate and engage staff from different constituents of the institution?**

IQAC has staff representatives from the various departments who actively participate and carry out the decisions made by the IQAC and management. The communication is through circulars, e-mails and meetings organized.

**6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.**

Yes. The institution has an integrated frame work for quality assurance of academic and administrative activities. It reviews the information which is received from various departments and administrative activities. The outcomes are discussed in the academic council meetings for improvements like, teaching methods, result oriented coaching, extra care for slow learners. It conducts special tests to understand the mathematical level and the grasping level of students. This analysis gives the quality of the students admitted. The IQAC also supervises the theory and the practical skills which are developed among the students. It also uses the grades of University examinations for quality assurance. It also grades the co-curricular and other activities and gives feedback about the quality and necessary measures for improvements. Institution is meeting the ISO 9001:2008 standards.

**6.5.3 Does the institution provides training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact. YES, institution provides the following**

Yes. The institution organizes training programme to its staff members for creating an awareness and effective implementation of the Quality Assurance procedures. The institute encourages and sponsors faculty in participating in various orientation and refresher programmes, workshops, conferences, seminars, skill development and leadership programs etc., organized by reputed institutions like JNT University, NIT's and IIT's and encourage the faculty to undergo audit courses to enable them to perform audit.

**6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?**

Yes. The institute invites academicians and industrial experts and carries out academic audit. This audit is done in several stages. All the faculty members submit semester plan for conduct of theory and lab asses to their respective Head of Departments. These plans are periodically monitored by HODs by checking log books of faculty

members. This is done three times in a semester i.e at the end of every internal examination. If syllabus could not be covered as per schedule, the teachers accordingly take extra hours to fulfill the requirements. This type of audit gives a feedback in the areas where an improvement is needed. The institution accordingly plans and implements the process.

**6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?**

The teaching quality is monitored by the HoD's and senior faculty regularly. Based on these findings, corrections are implemented if required. The external quality assurance is carried by the Jawaharlal Nehru Technological University, and AICTE every academic year which inspects and reviews the academic process and performance of the institute. Feedback is also taken from all stake holders for improvement. Institution also uses guidelines of professional bodies for quality in education, for development of internal quality assurance mechanism. The quality assurance mechanism of the institution is developed based on the guidelines of quality assurance agencies like, NAAC and NBA.

**6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?**

The following mechanisms are in place to review Teaching -Learning Process:

- Class review committees / syllabus monitoring committees meets twice in semester to assess the extent of syllabus coverage, and also the quality of teaching.
- The lesson plans, quality of course material, assignments and question papers prepared by the faculty are assessed internally and suitable suggestions are given for enriching the teaching and learning processes.
- The feedback from students on faculty performance will be taken twice in a semester to evaluate the teacher performance in class room teaching. The feedback is analyzed and evaluated for every teacher and a copy of feedback is provided for making necessary corrective action. Further, teachers are counselled by the head of the department and also by the Principal if required.



- Annual reviews are conducted on detailed self-appraisal forms to evaluate the performance on teaching, research and other performance related issues.
- The head of the institution interacts with few students of each class and takes the feedback on the teachers on the effectiveness of their teaching.
- Content beyond syllabus and the co-curricular activities are also organized. Add on subjects both in theory and lab experiments are also carried out.

The above process helps in effective delivery of curriculum, development of theoretical and practical skills among the students.

**6.1.1. How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?**

Institution communicates its quality assurance policies, mechanism and outcomes to internal stake holders through meetings, circulars, notice boards and to the external stake holders, Viz: Parents, Alumni, Industry and others through college website, mail, brochures, magazines and also by conducting separate meetings with parents, alumni, and industry.

## **CRITERIA VII INNOVATIONS AND BEST PRACTICES**

### **7.1. Environment Consciousness**

#### **7.1.1. Does the Institute conduct a Green Audit of its campus and facilities?**

Every year the institute plants many saplings to beautify the surroundings to a greener, more eco-friendly and pollution-free environment. There are various types of huge number of plants are planted in the entire campus. The variety of plants and trees include rose, jasmine, Indian Coral, Neem, Teak, Mango Tree Tamarind trees, and fruits like Jack fruit, Guava, Custard Apple and Papaya fruits.

Even though there is no formal conducting of green audit in the institution, Lot of expenditure is incurred to make the campus eco friendly. There are 10 permanent gardeners to carry out the horticulture work in the institute.

#### **7.1.2. What are the initiatives taken by the college to make the campus eco-friendly?**

- \* Energy conservation.
- \* Use of renewable energy
- \* Water harvesting
- \* Check dam construction
- \* Efforts for Carbon neutrality
- \* Plantation
- \* Hazardous waste management
- \* e-waste management

To make the campus eco-friendly, the following strategies have been implemented.

#### **Energy Conservation:**

- Switching off/unplugging fans, lights, air conditioners, computers, printers, and electrical and electrical equipment when not in use
- Awareness created among the students how to use minimum power
- Use of glass windows for maximizing use of available natural light in operational areas

The college campus is totally eco friendly. For this the management, the head of the institution and the whole staff is committed and because of their commitment and involvement, the campus can claim to be the first polythene/plastic free zone. This apart, the institution has taken several other steps/initiatives to make the campus eco-friendly.

**Use of renewable energy:**

Students have done two projects in the area of bio-diesels in the department of Mechanical engineering.

**Water harvesting:**

The college is having five bores at different locations increase the water level.

- Percolation pits and rain water harvesting structures have been installed throughout the campus to minimize water shortage and maximize available water usage.
- Waste water to be used for gardening.
- Creating awareness regarding water conservation.

**Check dam construction:**

There is a pond near by college to store the rain water. No need of check dam construction in the college premises.

**Efforts for Carbon neutrality:**

- Plantation is done inside and outside the college campus to neutralize the carbon emission.
- Staff and students are discouraged to use vehicles inside the campus. Smoking is banned inside the college campus
- Battery vehicle is used for commute with in the campus.

**Plantation:**

Institute has taken several measures for planting to make green campus.

70% of the total open area is covered with trees.

- More than 150 saplings were planted
- Plantation of fifty native fruit yielding saplings
- Plantation of Hundred pineapple saplings.
- Plantation of fifty numbers of lemon saplings
- About two hundred timber yielding mature trees
- Garden of Medicinal Plants
- Orchid House for ex-situ conservation of rare species with aims of commercial exploitation
- Ornamental flower plantation (Tubs and garden)
- The trees are planted. Natural fertilizers are used for plants and trees in the campus.

Apart from this the following plants are purchased in this year.

S.No	Plant names	Qty
1	cutting crotons	15
2	Akalifa	1500
3	Golden Durantha	1500
4	Coconut	16
5	Teak	25
6	Mango	10
7	Sapota	05
8	Pomegranate	05
9	Guava	25
10	Neem	25

### Hazard Waste/E-waste management

- Use of plastic bags discouraged within the premises of the College
- Students and faculty members are discouraged from using cell phones in the campus
- Regular workshops and seminars on waste disposal, their source and classification, pest control is conducted.
- Workshop was conducted for faculty and students to create awareness about environment and its conservation “Echo empiricism”
- Unused computers scrap will be given to vendors.

### 7.2. Innovations

#### 7.2.1. Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

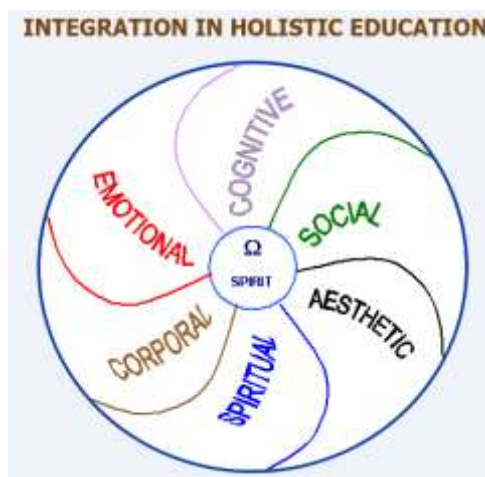
The innovations that are introduced during the last four years which have created a positive impact on the functioning college are:

**Feedback System** – Students use the feedback about the faculty at the end of each session or semester. Students are expected to do so for all the teachers concerned with their classes, informal interaction between students and the class teacher/HOD/Principal about issues pertaining to teaching quality is also encouraged. Teachers are counseled by the HOD and Principal regarding improvements in subject understanding/teaching skills

**Enrichment and Value added Courses** –The College supplements the University curriculum through value added courses by additional coaching of subjects which are not covered under the syllabus is covered through guest lecturers or training from the outside agencies. The system proved to be beneficial and the students are able to

understand more about the subject and able to score better in the examinations and achieve more placements.

**Holistic Education** -is a philosophy of education based on the premise that each person finds identity, meaning, and purpose in life through connections to the community, to the natural world, and to humanitarian values such as compassion and peace.



Holistic education aims to call forth from people an intrinsic reverence for life and a passionate love of learning. The institute through its curriculum provides a sound base for students to become responsible citizens of this world.

**Academic Innovations** – The College has introduced remedial classes that have helped the students to cover up their back log, if any. More than that students get a chance to brush up their skills further. Another innovation that of preparing question banks which has helped ease the burden of students and improve success rate in examinations. Self learning facilities are provided to the students by making them available the class notes in departmental library. NPTEL DVDs are made available to the students.

**Faculty Education** –The faculty members who wish to pursue higher studies are encouraged to enroll for courses of their choice.

**Others (if any)-**

- The parents are informed about the regularity of their wards on day to day basis so that parents can take more care to make their daughters to attend maximum number of classes.
- Majority of the students projects are guided by the faculty and executed in the institute.
- The institute has a comprehensive placement Training which is executed thro qualified staff and experts from outside.

**Department of Mechanical Engineering:**

**Academic year 2013-14**

Sl. No.	Model Name	Remark
1	Solar Powered Hacksaw Cutter	Fabricated and Performance found to be good
2	Riveting Machine (Pneumatically Operated)	Fabricated and Performance found to be good
3	Design & Analysis Of Hydraulic Tyre Press	Fabricated and Performance found to be good

**Academic year 2014-15**

Sl. No.	Model Name	Remark
1	Robot for Step climbing	Fabricated and Performance found to be good
2	Automated lifting jack	Fabricated and Performance found to be good
3	Solar Grass Cutter	Fabricated and Performance found to be good

**Academic year 2015-16**

Sl. No.	Model Name	Remark
1	Solar Powered Land Digging Machine	Fabricated and Performance found to be good
2	Robot climbing up on Rope	Fabricated and Performance found to be good
3	Walking Robot (Six Legged)	Fabricated and Performance found to be good

**Academic year 2016-17**

Sl. No.	Model Name	Remark
1	An Automatic Toll Plaza Which Is Based On Microcontroller And RFID Technology	Fabricated and Performance found to be good
2	Solar Powered Land Digging Machine	Fabricated and Performance found to be good
3	Solar powered street light	Fabricated and Performance found to be good

### 7.3. Best Practices

#### 7.3.1. Elaborate on any two best practices as per the annexed format (see page) Which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college?

##### *Best Practice – 1*

*Multi mode teaching practice in all class rooms, Introduction of Remedial Classes and Question Banks and mini projects implementation in every year.*

##### **GOALS:**

- To transform the students into well meaning citizens through the committed pattern of instructions based on carefully prepared and well designed curricular aspects.
- To transform the students into well meaning citizens through well prepared socially committed patterns of instruction.
- SSCE aspires to have a transformational impact on students through comprehensive education by inculcating of competence, confidence and excellence.
- The college has been facilitating young adult learners with opportunities to hone their ethics and leadership potential.

##### **THE CONTEXT:**

The college in the academic world introduced the technique of remedial classes and preparing question banks keeping in view the examination perspective. The students belonging to the college are given extra coaching by addressing their problems. Their skills are sharpened and chiseled keeping in view the patterns of the final examinations. They are given a list of important prepared by the expert faculty. This has helped them attain their targets in a better way.

##### **THE PRACTICE:**

The students were given extra guidance in the core subjects of their respective specialization in particular. The college ensured that the students are provided with the Question framed by the experienced faculty of the college. This action has resulted in a steep in the failure. The Question Banks have facilitated the students in such a way that their efforts in the final exams have started bearing fruits. Faculties are providing course files which are containing question bank, lecture notes, assignment questions for students to improve the quality of education. Remedial classes are conducting for weak student for

corresponding courses. For improving the critical thinking among the students we are conducting tutorial classes. To encourage the students to do the mini projects for improving their practical knowledge. Apart from the conventional blackboard teaching, the following multi mode teaching methods are being adopted/ introduced in class rooms in order to improve the knowledge of the students through these innovative methods of content delivery, ie Learning by doing, PPT/LCD Projector, Internet, Role play, Models/chart, Video lectures, Group tasks.

**EVIDENCE OF SUCCESS:**

- The pass percentage was improved in university examinations.
- Most of the students from institute have participated and won awards in -Technical Paper Presentation competitions.
- Most of the Faculties from the institute have registered for PhD and few more are in the process of registration.
- Many students are involved in real time problem solving group, attend workshops related to entrepreneurship development and contribute to the society.

**PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:**

- To add more qualified and experienced faculties in all departments.
- More budget provision needs to be made to develop research oriented lab, to give more exposure to the students for their overall development.
- More awareness is needed to create among Faculties and students about various funding agencies, writing good research proposal and PhD research centre.
- Scarcity of senior and faculties having research experience.

*Best Practice – 2*

**Train students to impart both soft skills and technical skills to make them industry ready.**

**GOALS:**

To develop soft and Technical skills to students.

- Provides training on communication skills, aptitude and soft skills through the trainers of the Institute, CRT resource persons from various companies and JKC trainers.
- Provide technical training by various industrial professionals such as CISCO, MIC, Matru, Trilogic etc., & make the students industry ready.



- Encourage students to participate in various events in-house and off-campus.
- Forge strong ties with the industry enabling projects, internships, guest lectures, educational tours and faculty development.
- Established state of the art in-house training facility to hone the skills of the students.
- Plan more industry-institution interactions to benefit students and faculty.

**THE CONTEXT:**

- Conducting counseling to students on one to one basis of evaluating their aptitude, strengths and areas of interest and guides them further. Necessary trainings are identified and students are trained accordingly to overcome their difficulties.
- Technical skills of students with industrial relevant is also a challenge in the current context. Holy Mary Institute of Technology & Science as collaboration with various industries for imparting the required skills.

**THE PRACTICE:** Holy Mary Institute of Technology and Science, constantly striving to create awareness among Faculties and student by following the practices mentioned below.

- CRT Trainings to all Final year students of the institute with an industrial collaboration
- Technical skills trainings through practice with industrial collaborations.
- Students are encouraged to pursue certification programmes of CISCO, Micro Soft Innovation Centre, and other reputed institutions.

**EVIDENCE OF SUCCESS:**

Academic year	No. Of Companies Visited	Total Placements	ECE	CSE	MEC	EEE
2015-16	20	68	20	18	10	20
2014-15	26	94	24	25	20	25
2013-14	30	76	18	23	15	10

- The number of companies visiting the college for placements is improved.
- Also there is an improvement in the student placements in the recent past.

**PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:**

- Parents also intimated their wards difficulties and the counseling information was continuously shared for better result.

**Best Practice III:**

**Title of the practice: Outcome Based Education (OBE)**

**Goal**

Along with the traditional methods of teaching, Outcome Based Education is practiced in the institute. The Outcome Based Education activities such as quiz, course seminar, course project, subject proficiency test help a faculty member evaluate the student on continuous basis. This system focuses on providing a platform to apply the knowledge gained by the student, apart from what the student has learnt and understood.

**Context**

Our institution is an affiliated college. As per the University guidelines internal assessment test, practical examination and university examination are the only ways of assessing the academic performance of the student. OBE includes quiz, assignments, seminar, presentations, etc that are not part of the university guidelines. Initially the students were not taking active part in these activities as they do not have any credits/marks. Continuous counselling was done to explain the importance of these activities in their academic and professional life which motivated the students to participating in the OBE activities.

**Practice**

The University provides the academic calendar. The institute prepares its own calendar of events based on the schedule of academic calendar. All the activities that are planned for the semester are mentioned. The schedule for the OBE activities is also included in the calendar of events. The calendar of events placed on the institute's website.

**Assignments:** Each student has to submit two assignments. The assignments questions include both descriptive and numerical type and are displayed on the department notice board and also on the department website. The questions are from the text books and University question papers.

**Quiz:** Objective type quiz is conducted in the classroom. The entire class is divided into three/ four groups so that there is competitive environment during the conduction of quiz.

**Course seminar:** The students are divided into batches. Each batch consists of four students. Each faculty member is assigned with three batches. The batch list and the faculty guide are displayed on the notice

board. The students have to contact the concerned faculty member to discuss the topic for the seminar. Students are encouraged to suggest the topic of their interest. They have to collect the information from the journal papers, magazines, internet etc and have to prepare the report. The students have to present the same through power point presentation.

**Subject Proficiency test (SPT):**

This test is conducted for each subject. The questions are of objective type. This test is conducted during the 2nd internal test.

**Evidence of success**

It has been evident that students have become more confident and they have good learning experience. This has helped them in performing well in the University exams and helped in getting good placements.

**Problems Encountered and Resources Required**

OBE is not the part of the university guidelines. Initially the students were not taking active part in these activities as they do not have any credits/marks. Continuous counselling had to be done to explain the importance of these activities in their academic and professional life.

**Contact Details**

**Name of the Principal:** Dr. N. Subhash Chandra

**Name of the Institution:** Holy Mary Institute of Technology and Science

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**Evaluative Report of  
Electronics & Communication Engineering Department**

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department : **Electronics & Communication Engineering**
2. Year of Establishment : **2001**
3. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)  
**UG: B. TECH - Electronics & Communication Engineering**  
**PG: M. TECH - Embedded Systems, VLSI System Design**

4. Names of Interdisciplinary courses and the departments/units involved

S. No.	Name of the Interdisciplinary courses	Departments
1.	Engineering Drawing	ME
2.	C & Ds	CSE
3.	Basic Electrical Engineering	EEE
4.	Principles of Electrical Engineering	EEE
5.	Managerial Economics & Financial Analysis	MBA
6.	Management Science	MBA

5. Annual/ semester/choice based credit system (programme wise)

S. No.	Semester/annual (Program)	Credit system
1.	B. Tech	Choice based
2.	M. Tech	Semester

6. Participation of the department in the courses offered by other departments

S. No	NAME OF THE COURSE	DEPARTMENT
1	Electronic Devices & Circuits	CSE, EEE
2	Switching Theory & Logic Design	EEE
3	Electronic Circuits	EEE
4	IC Applications	EEE
5	Digital Logic Design	CSE
6	Microprocessors Interfacing Devices	EEE

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

**NIL**

8. Details of courses/programmes discontinued (if any) with reasons

**NIL**

9. Number of Teaching posts

S. No.	Position	Sanctioned	Filled
1.	Professors	3	3
2.	Associate Professors	7	7
3.	Asst. Professors	25	25

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S No	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience
1	Dr. K. V. Murali Mohan	M.Tech, PhD	Professor	Instrumentation And Control Systems	18
2	Dr. V Vidya Devi	M.Tech, PhD	Professor	Electronic Engineering	24
3	Dr. C.R.K Prasad	M.Sc.Tech, PhD	Professor	Electronic Engineering	15
4	Mr. Y. David Solomon Raju	M.Tech (PhD)	Associate Professor	Systems And Signal Processing	15

S No	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience
5	Mr. B. Karunaiah	M.E. (PhD)	Associate Professor	Electronic Instrumentation	14
6	Mr. K Kanthi Kumar	M.Tech (PhD)	Associate Professor	Computers & Communications	12
7	Mr. E Sri Krishna	M.Tech	Associate Professor	Electronic Instrumentation & communication systems	07
8	Mrs. D Aruna Kumari	M.Tech	Assistant Professor	Computers & Communications	07
9	Mrs. N Sreelatha	M.Tech	Assistant Professor	Embedded Systems & VLSI Design	06
10	Mrs. D Padma Sree	M.E.	Assistant Professor	Systems & Signal Processing	06
11	Mr. K Jail Singh	M.E	Assistant Professor	Telecommunications	06
12	Mr. B Satyanarayana	M.Tech	Assistant Professor	Digital Communication	07
13	Mr. Ch Ananda Kumar	M.Tech	Assistant Professor	Communication Systems	04
14	Mrs. M Sandhya Rani	M.Tech	Assistant Professor	VLSI System Design	04
15	Mr. D. Jaya Kumar	M.Tech	Assistant Professor	ECE	07
16	Mr. G Sreekanth	M.Tech	Assistant Professor	VLSI Design & ES	02
17	Ms. N Sai Sruthi	M.Tech	Assistant Professor	ES&VLSI	02
18	Ms. K Rajitha	M.Tech	Assistant Professor	VLSI Design	02
19	Mr. Bandi Pulla Rao	M.Tech	Assistant Professor	VLSI Design	02
20	Ms. T Ratna Prasanna	M.Tech	Assistant Professor	Embedded Systems	02
21	Ms. L Renita Devi	M.Tech	Assistant Professor	Communication Systems	02
22	Mr. N Venkata Vara Prasad	M.Tech	Assistant Professor	Embedded Systems	02
23	Mr. K Sandeep Kumar	M.Tech	Assistant Professor	VLSI System Design	04
24	Mr. Kesava Narayana	M.Tech	Assistant Professor	Embedded Systems	02
25	Mr. N Ravindar	M.Tech	Assistant Professor	VLSI & ES	02
26	Ms. Sayida Thahaseen YM	M.Tech	Assistant Professor	VLSID & ES	01
27	Ms. G. Anitha	M.Tech	Assistant Professor	VLSI System Design	01
28	Ms. S. Suman	M.Tech	Assistant Professor	Embedded Systems	--
29	Ms. P. Tejaswini	M.Tech	Assistant Professor	VLSI System Design	--
30	Ms. Y. Likhitha	M.Tech	Assistant Professor	VLSI	--
31	Mr. P. Jaani	M.Tech	Assistant Professor	Embedded Systems	--

11. List of senior visiting faculty

**NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

**NIL**

13. Student -Teacher Ratio (programme wise)

**B.TECH 1:15, M. TECH 1:12**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

<b>S. No</b>	<b>SANCTIONED</b>	<b>FILLED</b>
1	4	4

15. Qualifications of teaching faculty with D. Sc/ D. Litt/ Ph. D/ M. Phil/PG.

<b>S No</b>	<b>Name of the Faculty</b>	<b>Qualification</b>	<b>Designation</b>
1	Dr. K. V. Murali Mohan	M.Tech, PhD	Professor
2	Dr. V Vidya Devi	M.Tech, PhD	Professor
3	Dr. C.R.K Prasad	M.Sc.Tech, PhD	Professor
4	Mr. Y. David Solomon Raju	M.Tech (PhD)	Associate Professor
5	Mr. B. Karunaiah	M.E. (PhD)	Associate Professor
6	Mr. K Kanthi Kumar	M.Tech (PhD)	Associate Professor
7	Mr. E Sri Krishna	M.Tech	Associate Professor
8	Mrs. D Aruna Kumari	M.Tech	Assistant Professor
9	Mrs. N Sreelatha	M.Tech	Assistant Professor
10	Mrs. D Padma Sree	M.E.	Assistant Professor
11	Mr. K Jail Singh	M.E	Assistant Professor
12	Mr. B Satyanarayana	M.Tech	Assistant Professor
13	Mr. Ch Ananda Kumar	M.Tech	Assistant Professor
14	Mrs. M Sandhya Rani	M.Tech	Assistant Professor
15	Mr. D. Jaya Kumar	M.Tech	Assistant Professor



S No	Name of the Faculty	Qualification	Designation
16	Mr. G Sreekanth	M.Tech	Assistant Professor
17	Ms. N Sai Sruthi	M.Tech	Assistant Professor
18	Ms. K Rajitha	M.Tech	Assistant Professor
19	Mr. Bandi Pulla Rao	M.Tech	Assistant Professor
20	Ms. T Ratna Prasanna	M.Tech	Assistant Professor
21	Ms. L Renita Devi	M.Tech	Assistant Professor
22	Mr. N Venkata Vara Prasad	M.Tech	Assistant Professor
23	Mr. K Sandeep Kumar	M.Tech	Assistant Professor
24	Mr. Kesava Narayana	M.Tech	Assistant Professor
25	Mr. N Ravindar	M.Tech	Assistant Professor
26	Ms. Sayida Thahaseen YM	M.Tech	Assistant Professor
27	Ms. G. Anitha	M.Tech	Assistant Professor
28	Ms. S. Suman	M.Tech	Assistant Professor
29	Ms. P. Tejaswini	M.Tech	Assistant Professor
30	Ms. Y. Likhitha	M.Tech	Assistant Professor
31	Mr. P. Jaani	M.Tech	Assistant Professor

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

**NIL**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

**NIL**

18. Research Centre /facility recognized by the University

**NIL**

19. Publications:

**\* Publication per faculty**

S. No.	Name of the Faculty	Number of research publications in journals and conferences since joining
1	Dr. K. V. Murali Mohan	11 Journals
2	Dr. V Vidya Devi	03 Journals
3	Mr. Y. David Solomon Raju	12 Journals
4	Mr. B. Karunaiah	17 Journals
5	Mr. K Kanthi Kumar	15 Journals
6	Mr. E Sri Krishna	03 Journals
7	Mrs. D Aruna Kumari	01 Journals
8	Mrs. N Sreelatha	03 Journals
9	Mrs. D Padma Sree	02 Journals
10	Mr. K Jail Singh	04 Journals
11	Mr. B Satyanarayana	02 Journals
12	Mr. Ch Ananda Kumar	04 Journals
13	Mrs. M Sandhya Rani	02 Journals
14	Mr. D. Jaya Kumar	09 Journals
15	Mr. G Sreekanth	03 Journals
16	Ms. N Sai Sruthi	05 Journals
17	Mr. Bandi Pulla Rao	02 Journals
18	Ms. L Renita Devi	03 Journals
19	Mr. K Sandeep Kumar	01 Journals
20	Mr. N Ravindar	01 Journals

**\* Number of papers published in peer reviewed journals (national / international) by faculty and students**

A.Y	2012-2013	2013-2014	2014-2015	2015-16	2016-17
No. of FRP	21	21	25	24	15

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited

- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- h-index

20. Areas of consultancy and income generated

**NIL**

21. Faculty as members in

- a) National Committees b) International Committees c) Editorial Boards

S. No.	Name of the faculty	Membership of professional body
1.	Prof. K V Murali Mohan	M ISTE, IETE
2.	Mr. Y. David Solomon Raju	MISTE, IETE, ISOI, IAENG, SDIWC
3.	Mr. B. Karunaiah	IAENG, ISTE
4.	Mr. K. Kanthi Kumar	IETE, IAENG
5.	Mr. E Sri Krishna	IAENG
6.	Mr. K. Jail Singh	IAENG
7.	Mr. Ch. Ananda Kumar	IAENG
8.	Mr.G.Sreekanth	IAENG
9.	Mr.K.Sandeep kumar	IAENG, SDIWC
10.	Ms. L Renita Devi	IAENG
11.	Ms. N Sai Sruthi	IAENG
12.	Mrs. D Aruna Kumari	IAENG
13.	Mrs. N Sreelatha	IAENG
14.	Mr. D. Jaya Kumar	IAENG, SDIWC
15.	Mrs. D Padma Sree	IAENG
16.	Mr. K Jail Singh	IAENG
17.	Mr. B Satyanarayana	IAENG
18.	Mrs. M Sandhya Rani	IAENG
19.	Mr. Bandi Pulla Rao	IAENG

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme

**95 %**

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

**5%**

23. Awards/ Recognitions received by faculty and students

**Particulars of the students Achievements in Paper Presentations/Workshops/Symposiums/Tech. fest With Awards**

S. No	A.Y.	Topic Name	Student Name(S)	Year	Event & Venue	Date(S)	Awards
1	2016-17	Prototype Workshop	N.Abhilash Reddy	IV YR	REVA University Bangalore	3/10/2016 to 6/10/2016	1 <sup>st</sup> Rank
			Sri Sai Suma K				
			A.Sai Kiran				
			G.Somashekar				
2	2015-16	Training	Abhineet Kumar	IVyr	BSNL, Hyd	20/07/2015 to 10/10/2015	2nd Rank
		Tech Fest	Rai Sai Swapna	IVyr	Sreyas Institute of Engg & Tech.	06/08/2015 to 08/08/2015	First Prize in Robo Terrain
		TechnicalQuiz	N Nandini	IIIyr	IETE Hyd	07/02/2016	3 <sup>rd</sup> Prize
		Youth Fest	K Bhargavi	IVyr	Saakshi Hyd	11/03/2016	Arena One, Ambassador
		Youth Fest	Y Chandra Shekar	IVyr	Saakshi Hyd	11/03/2016	Arena One, Ambassador
		Youth Fest	E Sravan	IVyr	Saakshi Hyd	11/03/2016	Arena One, Ambassador
		Youth Fest	G Sowmith	IVyr	Saakshi Hyd	11/03/2016	Arena One, Ambassador
		Youth Fest	S Mahesh	IVyr	Saakshi Hyd	11/03/2016	Arena One, Ambassador
		Youth Fest	B Tarun Sai	IVyr	Saakshi Hyd	11/03/2016	Arena One, Ambassador
		Youth Fest	D Shiva Prasad	IVyr	Saakshi Hyd	11/03/2016	Arena One, Ambassador
		Youth Fest	P Yashwanth	IVyr	Saakshi Hyd	11/03/2016	Arena One, Ambassador

## Self Summary Report for Accreditation by NAAC

S. No	A.Y.	Topic Name	Student Name(S)	Year	Event & Venue	Date(S)	Awards	
		Youth Fest	K Bhargavi	IVyr	Saakshi Hyd	11/03/2016	Sculpting Winner	
		Youth Fest	K Bhargavi	IVyr	Saakshi Hyd	11/03/2016	Runner Design & Fashion	
	2014 - 15	Sports Bout-2k14	P. Sree Babu P. Ravi Kumar Reddy	III - I	Sports, Anurag Group of Institutions	17 <sup>th</sup> - 18 <sup>th</sup> Oct' 2014	1 <sup>st</sup> Prize	
	2013 - 14	Technotsav-14	K. Vamshi Krishna	III-II	Sri Indu College	7 <sup>th</sup> march-14	2 <sup>nd</sup> Prize	
		Technophilia Indo-US Robo League	Aakash V	II-I	HIT	6 <sup>th</sup> & 7 <sup>th</sup> Sep' 2013	Excellence Certificate	
			Vivek Yadav N	II-I				
			Magistech 2013	H. Sarveshwar Rao	II-I	MGIT	13 <sup>th</sup> & 14 <sup>th</sup> Sep' 2013	2 <sup>nd</sup> Prize
			Reckoners 2K13	Vaishnokanth Tripathi	II-I	HITS College	24 <sup>th</sup> Sep' 2013	1 <sup>st</sup> Prize
				N Sukesh Kumar				
				Umesh Sharma				
		Potenzia'13	G. Nikhil	III-I	MGIT	27 <sup>th</sup> & 28 <sup>th</sup> Sep' 2013	2 <sup>nd</sup> Prize	
			H. Sarveshwar Rao					
		Illuminate – 2K13	G. Nikhil	III-I	CMRIT	30 <sup>th</sup> Sep' & 1 <sup>st</sup> Oct' 2013	2 <sup>nd</sup> Prize	
5	2012-13	Quiz Gallery on Atmosperic & ocean science and Tech	Somesh M	IV-II	100 <sup>th</sup> Indian Science Congress-2013, Kolkata by GOI	7 <sup>th</sup> Jan'2013	Certificate of Excellence	
			Sai Sampath Yadav					
		SRUJANA'13	Sreechand Ahirwar	II-II	MLR IT	14 <sup>th</sup> to 17 <sup>th</sup> March 2013	2 <sup>nd</sup> Prize	
			Sangeeta K					
			Aakash V					
			Vivek Yadav N					
	2011-12	Waste Management	D. SrujanaB. Sai Vaishnavi	I	HITS College	16.03.12	1 <sup>st</sup> Prize	
		Counter Strike	P. Abhilash	III	CVR College	17.03.11	1 <sup>st</sup> Prize	
						Turbo machinery Institute of Technology & Science	11.03.11	1 <sup>st</sup> Prize

24. List of eminent academicians and scientists/visitors to the department

S. No.	Name of the resource person	Institution	Duration
1.	Dr. Jammi Asok	HAWASSA UNIVERSITY, SOUTH AFRICA	1 Day
2.	Prof. C Pamuleti,	SREE NIDHI INST OF SCIENCE AND TECH	1 Day
3.	Mr.B.Rajeshwar	Imagination Technologies,	1 Day
4.	Mrs. Lalitha Kumari Guntupalli	NETCRACKER TECH	1 Day
5.	Mr. Rohit Kolukuluri (Faculty)	TIME Institute	1 Day
6.	Dr. G. Sada sivappa,	RT COLLEGE OF ENGG, Bangalore	1 Day
7.	Mr. B. Rajeswar	Imagination Technology, Bangalore	1 Day
8.	Mr. M. Suryanarayana	Retired SC/ Engr, NSRC,ISRO	1 Day
9.	Mr.P.Vijay Paul,	Assistant Professor	1 Day
10.	Prof.M.C.Raju,	GCET, HYD	1 Day
11.	Prof.Pamuleti,Professor	SNIST, HYD	1 Day
12.	Mr. M. Shanmukh,	The Princeton Review	1 Day
13.	Mr. Sai Prasad, Director	Sai Medha Engg. Academy	1 Day
14.	Dr. D. Krishna Reddy, Professor ECE	CBIT College Gandipet	1 Day
15.	Prof. C. Pamuleti SNIST, Ghatkesar	SNIST, HYD	1 Day
16.	Mrs. N. Mary,	SED,BSNL, RTTC, Gachibowli, Hyd.	1 Day
17.	Mr. Madhukar Vangari, Panjagutta, Hyd.	ECE Dept, Prolific Systems & Technologies Pvt.,	1 Day
18.	Mrs. Parveen Begum, Manager	Unicorn Soft Labs	3 Days
19.	Mr. Kranthi Cherukuri	9Technologies, Ameerpet	1 Day
20.	Mr. A. K. Verma	Synergy info systems, New Delhi	1 Day
21.	Mr. P. Anil	Dreamz Events N concepts Organization	1 Day
22.	Prof. P. G. Shastry	Director of RAMKI Group	1 Day
23.	Mr. Madhukar Vangari	Prolific Systems &Technologies Pvt., Panjagutta, Hyd	1 Day
24.	Dr. D. Krishna Reddy	CBIT, Hyd.	1 Day
25.	Prof. C. Pamuleti	SNIST, Hyd.	1 Day
26.	Mr. John K Baron , M. Sc FHEA	University of Huddersfield UK, Valmiki Group	1 Day
27.	Mrs. N. Mary, SED,BSNL	RTTC, Gachibowli, Hyd	1 Day
28.	Mr. R. Luckme Mr. K. Krishna Kanth Mr. Jojji Joseph	V3I	6 Days

## 25. Seminars/ Conferences/Workshops organized &amp; the source of funding

- a) National  
b) International.

ACADEMIC YEAR 2016-17				
S. No	Topic	Name	Date(s)	No of participants
1	Handwriting analysis through image processing techniques	Dr. Jammi Asok	31 <sup>st</sup> August 2016	III, IV
2	Micro Electro Mechanical System (MEMS)	Prof. C Pamuleti,	27 <sup>th</sup> August 2016	IV
3	Basic industry Requirements	Mr.B.Rajeshwar	20 <sup>th</sup> August 2016	II, III
4	Society Awareness (IT)	Mrs. Lalitha Kumari Guntupalli	17 <sup>th</sup> Sep 2016	III, IV

ACADEMIC YEAR 2015-16				
S. No	Topic	Name	Date(s)	No of participants
1	Awareness Program On GATE & PSUs	Mr. Rohit Kolukuluri (Faculty, TIME Institute)	30/12/2015	III Yr ECE Students
2	Optical Transmission Engineering and Networks	Dr. G. Sada sivappa, Bangalore	08.01.2016	IV ECE students
3	Guest Lecture of " Basic Industry Requirements"	Mr. B. Rajeswar, Manager, Imagination Technology, Bangalore	24-02-2016	I, II Years
4	Awareness Program On Remote Sensing	Mr. M. Suryanarayana Retired SC/ Engr, NSRC,ISRO	29/01/2016	III Yr ECE Students
5	Guest Lecture on:EMI Covers Display devices	Mr.P.Vijay Paul,Assistant Professor	10/08/2015	III Yr ECE Students
6	Guest Lecture on: EMTL Covers Three dimensional coordinate systems	Prof.M.C.Raju,Professor	15/12/2015	II Yr ECE Students
7	Guest Lecture on: DDV Covers Combinational synthesis	Mr.H.Rama Chandra Rao, Assistant Professor	06/01/2016	II Yr ECE Students
8	Guest Topic on :Digital communications covers Advancements in digital communications	Mrs.G.Manaswini,Assistant Professor	28/12/2015	III Yr ECE Students
9	Guest Lecture on:VLSI Covers MEMS and System Partitioning	Prof.Pamuleti,Professor	08/02/2016	III Yr ECE Students

ACADEMIC YEAR 2015-16				
S. No	Topic	Name	Date(s)	No of participants
10	Seminar on: Continuity, differentiability of a complex function, Types of singularities and. Tree traversals.	Mrs.G.Sandya Rani,Assistant Professor	28/07/2015	II Yr ECE Students
11	Workshop on: Signal processing in analog applications and power spectral density of noise.	Mr.B.A.David,Project Manager	03/08/2015	II Yr ECE Students
12	Workshop on: IC Applicains covers Precision OP-AMP , Rectifiers, clippers and clampers with OP-AMP	Prof.T.Pitchaiah,Professor	15/07/2015	III Yr ECE Students

ACADEMIC YEAR 2014-15				
S. No	Topic	Name	Date(s)	No of participants
1	Awareness on Foreign Studies	Mr. M. Shanmukh, The Princeton Review	06-11-2014	All III ECE Students

ACADEMIC YEAR 2013-14				
S. No	Topic	Name	Date(s)	No of participants
1	Awareness on Higher Education	Mr. Sai Prasad, Director, Sai Medha Engg. Academy	Nov' 11th 2013	All IV ECE Students

ACADEMIC YEAR 2012-13				
S. No	Topic	Name	Date(s)	No of participants
1	Guest lecture on "Radio Navigational Aids-GPS"	Dr. D. Krishna Reddy Professor ECE, CBIT College Gandipet	18.01.2013	All III ECE Students
2	Guest lecture on "Micro Electro Mechanical Systems"	Prof. C. Pamuleti SNIST, Ghatkesar	19.01.2013	All III ECE Students
3	Guest lecture on "Optical Fiber Communications"	Mrs. N. Mary, SED,BSNL, RTTC, Gachibowli, Hyd.	22.08.2012	All IV ECE Students
4	Guest lecture on "Faculty Development Programme"	Mr. P. G. Sastry	13.10.2012	All Faculty Members



ACADEMIC YEAR 2012-13				
S. No	Topic	Name	Date(s)	No of participants
5	Guest lecture on Automation And Embedded Systems	Mr. Madhukar Vangari, ECE Dept, Prolific Systems & Technologies Pvt., Panjagutta, Hyd.	08.10.2012	All IV ECE Students

S. No	Date	Topic	Resource Person and Designation	Target Audience
1	21-03-2013	"Essentials of Digital Design Using HDLs"	Mr. Sree Ramanjaneya, Director 9Technologies	IV ECE Students
2	15-02-2013	Investing Awareness Program	HCCA	IV year Students
3	08-02-2013	Workshop on "Entrepreneur Orientation Program"	NSIC, ECIL	III ECE & EEE students
4	20-01-2013	"Women for Work"	Veena, Chair Person, YoungCOWE	II, III, IV ECE Girl students
5	24-02-2012	Banking Facilities in Entrepreneurship	Mr. Subramanian	IV Year Students
6	26-08-2011	An awareness Program on support to women entrepreneurs by COWE.	COWE Chair Persons	II, III, IV ECE Girl students

## 26. Student profile programme/course wise:

S. No	Name of the Interdisciplinary courses	Dept.	Applications received	Selected	Enrolled M	F	Pass percentage
1	Engineering Drawing	ME	103	103	72	31	74%
2	C & Ds	CSE	103	103	72	31	87%
3	Basic Electrical Engineering	EEE	109	118	83	35	79.4%
4	Principles of Electrical Engineering	EEE	117	118	83	35	85.4%
5	Computer Organization	CSE	103	118	83	35	80.17%
6	Managerial Economics & Financial Analysis	MBA	117	118	83	35	91.1%
7	Management Science	MBA	117	118	83	35	84.3%

\*M = Male, F = Female

## 27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.TECH	96.7	3.3	0
M. TECH	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

S. No.	Exam Appeared	No. of Students Qualified						
		2012-16	2011-15	2010-14	2009-13	2008-12	2007-11	2006-10
1	GATE/PGECET	12	8	20	4	5	15	21

29. Student Progression

Student progression	Against % enrolled						
	2012-16	2011-15	2010-14	2009-13	2008-12	2007-11	2006-10
UG to PG			--	--	4 %	12.4 %	17 %
PG to M. Phil.			--	--	--	--	--
PG to Ph.D.			--	--	--	--	--
Ph.D. to Post-Doctoral			--	--	--	--	--
Employed							
• Campus selection	24%	32%	49%	24%	22 %	6.6 %	8.1 %
• Other than campus recruitment	25%	26%	8%		5 %	2.5 %	6.5 %
Entrepreneurship/Self-Employment	NIL	NIL	NIL	NIL	NIL	NIL	NIL

30. Details of Infrastructural facilities

a) Library: **The departmental library has Text books, Project reports**

Year	Books	Journals	NPTEL Video Lectures	Project Reports	
				UG	PG
B.TECH	130		20	198	42

b) Internet facilities for Staff & Students: **2 systems with 100Mbps Internet connectivity**

c) Class rooms with ICT facility:

- Total no. of class rooms: 6 UG Class rooms  
2 PG Class rooms

## d) Laboratories : 7

The Department is having 7 well equipped physical laboratories to execute the various UG Experiments. The Following are the description of laboratories

S. No	Equipment		
	Lab	Name	Make
1	ELECTRONIC DEVICES AND CIRCUITS LAB	C.R.O	Metravi
		Function Generator	Physitech
		Regulator Power Supply	Physitech
		Voltmeters	Physitech
		Ammeters	Physitech
		Decade Resistance Box	Physitech
		Decade Capacitance Box	Physitech
		Decade Inductance Box	Physitech
2	COMMUNICATION LAB	C.R.O	Physitech
		Function Generator	Physitech
		Regulator Power Supply	Physitech
		Stabilizer	Powerdex
		Spectrum Analyzer	Physitech
		Trainer Kits	Physitech
3	DIGITAL SIGNAL PROCESSING LAB	Computers	Dell
		C.R.O	Ez
		Function Generator	Scientific
		DSP Kits	Digital Spectrum
		DSK Training Kits With CCS Evaluation	Texas Instruments
		MATLAB	Mathworks
		Signal Processing Tool Box	Mathworks
		DSP System Tool Box	Mathworks
Communication System Tool Box	Mathworks		
4	INTEGRATED CIRCUIT APPLICATIONS LAB	C.R.O	Easy Scope
		Function Generator	SS Lab
		Regulator Power Supply	SS Lab
		Multimeters	Var Tech
		Trainer Kits	SS Lab
5	MICROPROCESSORS LAB	Computers	Zebronic
		Microprocessor Kits	GSAS Micro Systems
		Microcontroller Kits	GSAS Micro Systems
		SRAM & DRAM	Multitech Systems
		MASM	Ascentronics
		Multisim	Ascentronics

S. No	Equipment		
	Lab	Name	Make
		Xilinx	Ascentronics
		Interfacing Kits	GSAS Micro Systems
6	ELECTRONIC CIRCUITS AND PULSE CIRCUITS LAB	C.R.O	Sciencetech
		Function Generator	SS Lab
		Regulator Power Supply	SS Lab
		Stabilizer	Powertex
		Trainer Kits	SS Lab
7	MICROWAVE LAB	Gunn diode based Microwave bench setup including Gunn power supply	Lambda
		Klystron Mount based Microwave bench setup including Klystron power supply	Lambda
		C.R.O (0-20MHz)	Metravi
		VSWR Meter	Lambda
		Directional Couplers	Lambda
		Attenuators	Lambda

- e) Number of students receiving financial assistance from college, university, government or other agencies

Category				
A. Y.	2016-17	2015-16	2014-15	2013-2014
SC	24	30	36	1
ST	8	15	18	8
BC	104	127	136	25
EBC	57	55	65	15
MI	7	9	10	0

- f) Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

Module Description	Organization	Duration	Resource Persons	Target Audience	Usage and citation etc.
HFSS Antenna Design	ARK COMPANY	20/2/17 to 25/2/17	Mr. Kumar	IV	Improvement Higher education courses
SCILAB	ARK COMPANY	27/2/17 to 4/3/17	Mr. Nanduri	III	Improvement Higher education
MULTISIM	ARK COMPANY	26/3/17 to 1/4/17	Mr. Chaithanya Deshpande	II	Improvement Higher education
Tower Maintenance Engineering	Surya Tech solutions,hyd.	6/2/17 to 10/2/17	Mr.Praveen kumar & Mr.Sreekanth,	IV	Improvement for employment

Module Description	Organization	Duration	Resource Persons	Target Audience	Usage and citation etc.
Handwriting analysis through image processing techniques	HAWASSA UNIV	One Day	Dr. Jammi Asok	III,IV	Improvement Higher education
Micro Electro Mechanical System (MEMS)	SNIST, HYD	One Day	Prof. C Pamuleti,	IV	Improvement Higher education
Basic industry Requirements		One Day	Mr.B. Rajeshwar	II,III	Improvement for employment
Society Awareness (IT)		One Day	Mrs. Lalitha Kumari Guntupalli	III,IV	
Automation & Embedded Systems	Prolific Systems & Technologies Pvt., Panjagutta, Hyd	1 Day	Mr. Madhukar Vangari	III and IV year students and staff	Improvement Modern Technologies
Guest Lecture on Radio Navigational AIDS-GPS	CBIT, Hyd.	1 Day	Dr. D. Krishna Reddy	III year students and staff	Improvement In Radio Navigational AIDS-GPS
Guest Lecture on Micro Electro Mechanical Systems (MEMS)	SNIST, Hyd.	1 Day	Prof. C. Pamuleti	III year students and staff	Improvement In Micro Electro Mechanical Systems (MEMS)
Seminar on higher studies in UK	University of Huddersfield UK Valmiki Group	1 Day	Mr. John K Baron M. Sc FHEA	IV year students And staff.	Improvement In higher studies in UK
Guest lecture on "OPTICAL FIBER COMMUNICATIONS"	RTTC, Gachibowli, Hyd	1 Day	Mrs. N. Mary SED,BSNL,	IV year students And staff.	Improvement In Optical Fiber Communications
Soft Skills and Personality Development	V3I	6 Days	Mr. R. Luckme Mr. K. Krishna Kanth Mr. Joji Joseph	IV year students And staff.	Improvement In Soft Skills and Personality Development

g) Teaching methods adopted to improve student learning

The staff members use the following teaching methods

- Giving Home Assignments
- Green Glass Board teaching with chalk
- Power Point Presentation
- Teaching by simulation

- NPTEL lectures from IIT & other Professors, DELNET facility & SONET
- Tutorials are being conducted for a batch of 25 or 35 students.
- 2 internals will be conducted and technical seminars & comprehensive viva will be conducted.
- Mini projects and main project will be evaluated.

h) Participation in Institutional Social Responsibility (ISR) and Extension activities

**Events conducted**

S. No	Date	Name of the event	No. of Students Participated
1.	6 <sup>th</sup> Nov' 2014	Swachha Bharath, Clean N Green	50
2.	18 <sup>th</sup> to 20 <sup>th</sup> Oct' 2014	WISE Summit, HICC, Hyderabad	45
3.	8 <sup>th</sup> Mar' 2014	COWE Career Fair for Women	45
4.	20 <sup>th</sup> , 21 <sup>st</sup> & 22 <sup>nd</sup> Mar' 2014	Eye camp with Maxvision, Begumpet, Hyderabad	250
5.	15 <sup>th</sup> Jul' 2014	Prohibited motor vehicles transportation in college campus to avoid air pollution	--
6.	10 <sup>th</sup> Jun' 2012	Battery vehicle is being used for transportation in campus	In Emergency
7.	16 <sup>th</sup> & 17 <sup>th</sup> Sep' 2011	Plantation of trees in the college campus	80
8.	1 <sup>st</sup> Jan' 2011	Minimizing paper waste by Reusing papers in administration activities	All Students
9.	23 <sup>rd</sup> Oct' 2010	Clean and green program conducted at Birla temple, Hyderabad	25

i) SWOC analysis of the department and Future plans

**Strengths**

- Good quality of student inputs to ECE Dept
- Supportive Management
- Good strength of Alumnae
- Good Scholarships
- Emphasis on Soft skills
- Good Library facilities
- SSR as per norms
- Faculty with M. Tech as minimum qualification
- Good infrastructure and facilities

- Adherence to academic calendar
- SMS and group mail facility for effective communication
- Four faculty members pursuing Ph. D
- Staff and students are encouraged to participate in workshops, conferences conducted outside the campus.
- Good campus placements and extended campus placement facilities like training the students both technically & non-technically
- Entrepreneurship Development Cell for doing projects
- On time Syllabus completion
- Good Laboratory facilities
- Good support by faculty to students in all activities
- Department led by efficient, supportive and dynamic HOD
- Management committed to encourage sports

**Weaknesses**

- Lack of adequate placements in core jobs
- Lack of necessary industry exposure to students & faculty
- No adequate institute and Industry interactions
- R & D to be taken up to speed up the work for obtaining faculty higher qualifications.

**Opportunities**

- More MOUs with Industry and academic universities/colleges
- Alumnae expertise to be tapped and included for value addition
- Should take industry inputs and redesign syllabus
- Initiate sports scholarships for increased participation in sports
- Create more internships in local industry
- Foster better teacher-taught relationships in compliance with Professional Development norms.

**Threats**

- From Foreign Universities and Deemed Universities (for new course and Management quota seats) and also a faculty threat
- As there is a boom in core courses like Mechanical and Civil, the ECE aspirants are drastically reduced.

**EVALUATIVE REPORT OF  
MECHANICAL ENGINEERING DEPARTMENT**

[The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data].

1. Name of the Department : **Mechanical Engineering**
2. Year of Establishment : **2004**
3. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

**UG: B. TECH (Mechanical Engineering)**

**PG: M. TECH (CAD/CAM), M.Tech (Machine Design)**

4. Names of Interdisciplinary courses and the departments/units involved

S. No.	Name of the Interdisciplinary courses	Departments
1.	Environmental Studies	H&S
2.	Probability and Statistics	H&S
3.	Electrical and Electronics Engineering	EEE
4.	Numerical Methods	H&S
5.	Basic Electrical Engineering	EEE
6.	Principles of Electrical Engineering	EEE
7.	Managerial Economics & Financial Analysis	MBA
8.	Management Science	MBA
9.	Industrial Management	MBA
10.	Operations Research	MBA

5. Annual/ semester/choice based credit system (programme wise)

S. No	Semester/annual(Program)	Credit system
1.	B. Tech	Choice based
2.	M. Tech	Semester



## 6. Participation of the department in the courses offered by other departments

S. No	NAME OF THE COURSE	DEPARTMENT
1	Fluid Mechanics and Hydraulic Machinery	EEE
2	Strength of Materials	CIVIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc. **NO**8. Details of courses/programmes discontinued (if any) with reasons : **NO**

## 9. Number of Teaching posts

S. No.	Position	Sanctioned	Filled
1.	Professors	5	5
2.	Associate Professors	6	6
3.	Asst. Professors	20	17

## 10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	GANNAMANENI BANU PRAKASH BABU	M.Tech	Assoc.Pr of	Metallurgy	16
2	VIJAYANAND PEDAMUTHEVI	M.Tech	Assoc.Pr of	Thermal Engineering	12
3	suresh kichipudi	M.Tech, P.hD	Professor	Machine Design	2
4	LEELA RAMESH MIRYALA	M.Tech	Asst.Prof	Thermal Engineering	4
5	ashwak ayub	M.Tech	Asst.Prof	Advance Design Manufacturing	5
6	BAKKA PUSHPA	M.Tech	Asst.Prof	CAD/CAM	5
7	JAYA KRISHNA SRIRAMA	M.Tech	Assoc.Pr of	Production Technology	12
8	ROHAN ISHWAR	M.Tech	Asst.Prof	Production Technology	2
9	BANOTHU MALSOOR	M.Tech	Asst.Prof	CAD/CAM	10
10	Mallesh Jakanur	M.Tech	Asst.Prof	Machine Design	2
11	SANGAMESH BASAVARAJ HERAKAL	M.Tech	Asst.Prof	Machine Design	3

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
12	santosh s bagewadi s bagewadi	M.Tech	Asst.Prof	Machine Design	2
13	AMBHI RAMANATH	M.Tech	Asst.Prof	CAD/CAM	5
14	DEEPIKA MADDALA	M.Tech	Asst.Prof	CAD/CAM	-
15	Rama Rao M	M.Tech	Asst.Prof	Energy engineering Management	5
16	sreenivasan perumal	M.Tech	Asst.Prof		
17	ENAKOTI DANIEL FRANCIS	M.Tech, P.hD	Professor	Nano Materials	17
18	V SANTOSH KUMAR	M.Tech	Asst.Prof	Thermal Engineering	-
19	KOTHAPALLI VIJAYA SREE	M.Tech	Asst.Prof	Thermal Engineering	9
20	BODDULA HARISH RAJ	M.Tech	Asst.Prof	Thermal Engineering	1.5
21	ANURADHA DEVAKATHE	M.Tech	Asst.Prof	Thermal Engineering	1.5
22	SREENURAJU MATHUMKARE	M.Tech	Asst.Prof	Thermal Engineering	4
23	JYOTHI MURUGAN R	M.Tech, P.hD	Professor	Machine Design	17
24	SWAMINATHAN N R	M.Tech, P.hD	Professor	Design and Production of thermal power Engineering	17
25	AINAPUR GOVIND SATEESH	M.Tech	Asst.Prof	Thermal Power Engineering	-
26	DOMANAL SHARANAPPA MUTTAPPA	M.Tech	Asst.Prof	Machine Design	-
27	TEJA SHARANYA MALLEM	M.Tech	Asst.Prof	Advance Manufacturing Technology	1
28	CHINCHOLI MANJUNATH	M.Tech	Asst.Prof	Automobile Electronics	0.5
29	ANAND ANAND	M.Tech	Asst.Prof	Machine Design	-
30	BHIL RAJESHRAO AADESH	M.Tech	Asst.Prof	Machine Design	-
31	PATTAN NINGAPPA GANGAPPA	M.Tech	Asst.Prof	Machine Design	-
32	SURESH GOPAL RAO MALOTHKAR	M.Tech	Asst.Prof	Advance Materials Technology	19
33	BARAGURU VEERESHAPPA MANJUNATHA	M.Tech	Asst.Prof	Thermal Power Engineering	-
34	JAYAPRAKASH DHASARATHARAJAN	M.Tech	Asst.Prof		
35	SURESH VELLIANGIRI	M.Tech, P.hD	Professor	Machine Design	2

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
36	SENTHILKUMAR PADMANABAN	M.Tech	Asst.Prof	Machine Design	12
37	BOLLA CHARITHA	M.Tech	Asst.Prof	Machine Design	-
38	ARAVINDAPPANNA ERAPPA KAMEYANDA	M.Tech	Asst.Prof	Production Technology	-
39	AJAY ANAND AJAY ANAND	M.Tech	Asst.Prof	Production Technology	-
40	GANJI REDDY THRISEKHAR	M.Tech, P.hD	Professor		12
41	MULAKA REDDY RAJASEKHAR	M.Tech	Asst.Prof		-
42	SHAIK RAFI	M.Tech	Asst.Prof		-
43	ANIPINDI SAITEJA	M.Tech	Asst.Prof		-
44	VADDE MALLIKARJUNA	M.Tech	Asst.Prof	Machine Design	-

11. List of senior visiting faculty : **Nil**

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : **NO**

13. Student -Teacher Ratio (programme wise)

**B.TECH 1:15, M. TECH 1:12**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

S. No	SANCTIONED	FILLED
1	5	5

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	GANNAMANENI BANU PRAKASH BABU	M.Tech	Assoc.Prof	Metallurgy	16
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S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
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6	BAKKA PUSHPA	M.Tech	Asst.Prof	CAD/CAM	5
7	JAYA KRISHNA SRIRAMA	M.Tech	Assoc.Prof	Production Technology	12
8	ROHAN ISHWAR	M.Tech	Asst.Prof	Production Technology	2
9	BANOTHU MALSOOR	M.Tech	Asst.Prof	CAD/CAM	10
10	Mallesh Jakanur	M.Tech	Asst.Prof	Machine Design	2
11	SANGAMESH BASAVARAJ HERAKAL	M.Tech	Asst.Prof	Machine Design	3
12	santosh s bagewadi s bagewadi	M.Tech	Asst.Prof	Machine Design	2
13	AMBHI RAMANATH	M.Tech	Asst.Prof	CAD/CAM	5
14	DEEPIKA MADDALA	M.Tech	Asst.Prof	CAD/CAM	-
15	Rama Rao M	M.Tech	Asst.Prof	Energy engineering Management	5
16	sreenivasan perumal	M.Tech	Asst.Prof		
17	ENAKOTI DANIEL FRANCIS	M.Tech, P.hD	Professor	Nano Materials	17
18	V SANTOSH KUMAR	M.Tech	Asst.Prof	Thermal Engineering	-
19	KOTHAPALLI VIJAYA SREE	M.Tech	Asst.Prof	Thermal Engineering	9
20	BODDULA HARISH RAJ	M.Tech	Asst.Prof	Thermal Engineering	1.5
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24	SWAMINATHAN N R	M.Tech, P.hD	Professor	Design and Production of thermal power Engineering	17
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26	DOMANAL SHARANAPPA MUTTAPPA	M.Tech	Asst.Prof	Machine Design	-
27	TEJA SHARANYA MALLEM	M.Tech	Asst.Prof	Advance Manufacturing Technology	1
28	CHINCHOLI MANJUNATH	M.Tech	Asst.Prof	Automobile Electronics	0.5

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
29	ANAND ANAND	M.Tech	Asst.Prof	Machine Design	-
30	BHIL RAJESHRAO AADESH	M.Tech	Asst.Prof	Machine Design	-
31	PATTAN NINGAPPA GANGAPPA	M.Tech	Asst.Prof	Machine Design	-
32	SURESH GOPAL RAO MALOTHKAR	M.Tech	Asst.Prof	Advance Materials Technology	19
33	BARAGURU VEERESHAPPA MANJUNATHA	M.Tech	Asst.Prof	Thermal Power Engineering	-
34	JAYAPRAKASH DHASARATHARAJAN	M.Tech	Asst.Prof		
35	SURESH VELLIANGIRI	M.Tech, P.hD	Professor	Machine Design	2
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39	AJAY ANAND AJAY ANAND	M.Tech	Asst.Prof	Production Technology	-
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41	MULAKA REDDY RAJASEKHAR	M.Tech	Asst.Prof		-
42	SHAIK RAFI	M.Tech	Asst.Prof		-
43	ANIPINDI SAITEJA	M.Tech	Asst.Prof		-
44	VADDE MALLIKARJUNA	M.Tech	Asst.Prof	Machine Design	-

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received **NO**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received **NO**

18. Research Centre /facility recognized by the University **NO**

19. Publications:

a) Publication per faculty

- Number of papers published in peer reviewed journals (national / international) by faculty and students

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs : Nil
- Chapter in Books : Nil
- Books Edited : Nil
- Books with ISBN/ISSN numbers with details of publishers : Nil
- Citation Index : Nil
- SNIP : Nil
- SJR : Nil
- Impact factor : Nil
- h-index

S. No.	Name of the Faculty	Number of research publications in journals and conferences since joining
1.	Prof. A C Sekhara Reddy Mohan	5 Journals 5 Conferances
2.	Dr. Chakradher Goud	8 Journals 10 Conferences 1 Conferences
3.	Mr. G Bhanu Prakesh Babu	6 Journals
4.	Mr. Nagu Naik	1 Journal 1 Conference

20. Areas of consultancy and income generated **NO**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards

Editorial members in college magazine	Mr. A C S Reddy
Editorial members in Technical Magazine	Mr. Chakradher Goud

## 22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme : **20% (Appox)**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **80% (Appox)**

## 23. Awards/ Recognitions received by and students

## 24. List of eminent academicians and scientists/ visitors to the department

S. No	Name of the student	Event Name	Name of Institute	Date(s)	Award
1	Banwari Singh	Paper presentation	Princeton College of Engineering and Technology Hyderabad, T.S.	18-Dec-15	III <sup>rd</sup> Prize
2	B.Rajesham	Paper presentation	Holy Mary Institute of Technology & Sciences	19-Mar-16	III <sup>rd</sup> Prize
3	Ch. Mohan Rao	Paper presentation	MLR Institute of Technology, Dundigal, Hyderabad	28-Jan-16	Participation
4	G. Venkataiah	Paper presentation	SNIST, Hyderabad.	12-Feb-16	Participation
5	K. Prabhakar Reddy	Paper presentation	Gokaraju Rangaraju Institute of Technology, Hyderabad T.S.	21-Mar-16	Participation

**Academic Year 2014-2015**

S. No	Name of the student	Event Name	Name of Institute	Date(s)	Award
1	B Karthik	Paper presentation	Padmasri B. V. Raju Institute of Technology, Narsapur, Medak, T.S.	11-Mar-15	II <sup>nd</sup> Prize
2	Deebya Jyothi Pradhan	Paper presentation	SNIST, Hyderabad.	11-Mar-15	III <sup>rd</sup> Prize
3	Aenugu Anveshreddy	Paper presentation	Princeton and SPR, College of Engineering and Technologies Hyderabad, T.S..	17-Mar-15	Participation
4	Bejjanki Bharathkumar	Paper presentation	MLR Institute of Technology, Dundigal, Hyderabad	28-Jan-15	Participation
5	Ajmeera Sripathi	Paper presentation	Holy Mary Institute of Technology & Sciences	21-Mar-15	Participation

S. No	Name of the student	Event Name	Name of Institute	Date(s)	Award
<b>2014-15</b>					
1.	Panuganti Satish	Quiz	MLRITM, Hyderabad	18/03/2015	
2.	Katta Anurag Datta Kashyap	Quiz	PCET, Hyderabad	17/03/2015	
3.	Marati Lava Kumar	Quiz	SNIST, Hyderabad	11/03/2015	
4.	Vikash	Quiz	BVRIT, Hyderabad	11/03/2015	
5.	Thokala Vinod Kumar	Quiz	MLRITM, Hyderabad	28/01/2015	
<b>2014-15</b>					
1.	Munigonda Arun	Technical Quiz	PCET, Hyderabad	18/12/2015	
2.	Rajesh Roy	Quiz	SNIST, Hyderabad	12/02/2016	
3.	Cherbol Sanjeev Kumar	Paper Presentation	GRIET, Hyderabad	21/03/2016	

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

**ACADEMIC YEAR 2012-13**

S. No	Date	Topic	Resource Person and Designation	Target Audience
1	20-01-2013	An awareness Program on support to women entrepreneurs by COWE.	COWE Chair Persons	All women students
2	08-02-2013	Workshop on " Entrepreneur Orientation Program"	NSIC, ECIL	All students of III B.Tech
3	15-02-2013	Investing Awareness Program	HCCA	All Students of IV B.Tech

26. Student profile programme / course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass Percentage
Electrical & Electronics Engineering	118	118	118 --	76.7
Managerial Economics & Financial Analysis	31	31	28 3	61.29
Industrial Management	31	31	28 3	83.87
Operational Research	28	28	25 3	81

\* M = Male F = Female



## 27. Diversity of Students

Name of the Course	% State students	% Interstate students	% International Students
B.TECH	80	20	0
M. TECH	100	0	0

## 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

S. No.	Exam Appeared	No. of Students Qualified		
		2009-13	2008-2012	2007-2011
1	GATE/PGECET	4	5	15

## 29. Student progression

Student progression	Against % enrolled		
	2008-2012	2007-2011	2006-2010
UG to PG	4 %	12.4 %	17 %
PG to M. Phil.	----	----	---
PG to Ph.D.	----	----	----
Ph.D. to Post-Doctoral	---	---	----
Employed	22 %	17 %	10 %
Campus selection	8 %	7 %	6 %
Other than campus recruitment			
Entrepreneurship/Self-employment			

## 30. Details of Infrastructural facilities

## a) Library yes

Books 40

Journals 1

Project reports 40

## b) Internet facilities for Staff &amp; Students:

**2 systems with 100kbps speed)**

## c) Class rooms with ICT facility: 7

## d) Laboratories: 9

31. Number of students receiving financial assistance from college, university, government or other agencies

Category				
A. Y.	2016-17	2015-16	2014-15	2013-2014
SC	57	62	59	1
ST	40	40	40	8
BC	87	105	127	25
EBC	45	50	47	15
MI	5	4	6	0

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Module Description	Organization	Duration	Resource Persons	Target Audience	Usage and citation etc.
Performance Evaluation condition monitoring of rotor bearing	Tirumala Engineering College	1 Day	Mr. K. Dargaiah Principal	III and IV year students and staff	Improvement Modern newer Technologies of welding
One day seminar on FEM	University college of Engineering, O U	1 Day	Dr. P. Ramesh, Assoc. Professor	All students of III and IV B.Tech	Improvement In Radio Navigational AIDS-GPS

33. Teaching methods adopted to improve student learning

**The Following Teaching Methods Are Adopted To Improve Student Learning:**

1. Chalk & Talk
2. OHP
3. LCD Projector
4. Digital Library
5. Video Lectures
6. Models/ Charts

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

**Extra Curricular Activities:**

It is a well known fact that poetry is a language of emotion and prose is language of an intellectual and life is an art. Amalgamating the above

mentioned three qualities and making this planet a better place to live in, we have adopted Bogaram village and donated books to poor students. We educated local villagers to pray to Lord Ganesh eco friendly idols made of clay. Charity begins at home and keeping in tune the above proverb we raised funds from students and utilized the amount collected towards purchasing of toys and handed over to an orphanage. Every human being is a perfection of lord which means there is presence of lord in every mortal. So, serving every human being is serving lord. Every drop of blood is precious we transformed this idea and arranged blood donation camps.

To conduct extracurricular activities we have, Environmental Club and Fine arts and Cultural Club.

#### **Environmental club:**

Environmental club was formed in the college in the year 2009. The club members are taking care of ambience, green cover, water conservation and environment preservation in the campus. The club motto is “Holy Peace & Holy Green (HPHG)”. We educated students and staff to pray to Lord Ganesh eco friendly idols made of clay.

The members of the committee are:

S.No.	Name & Designation	Position
1	Mr.Y.Ramakrishna ,Associate Professor, MCA	Chairman
2	Mr. S. Vinayak, Asst.Professor	Member.Convener
3	Dr.J.Raju , Associate	Member

#### **Academic Year 2012 -13**

1. Prohibited plastic usage in the college campus
2. Prohibited motor vehicles transportation in college campus to avoid air pollution
3. In college campus, battery vehicle is being used for transportation in campus from 10.06.2012

#### **Academic Year 2011 - 12**

1. Prohibited plastic usage in the college campus
2. Plantation of trees in the college campus 16, 17.09.2011
3. Minimizing paper waste by Reusing papers in administration activities from 01.01.2011

**Academic Year 2010 -11**

1. Clean and green program conducted at Birla temple, Hyderabad on 23.10.2010

35. SWOC analysis of the department and Future plans

<b>Strengths</b>	<ol style="list-style-type: none"><li>1. Good, young and energetic faculty with dedication</li><li>2. Good faculty contribution with continuing education</li></ol>
<b>Weakness</b>	Research initiative to be taken up to speed up the work for obtaining faculty higher qualifications.
<b>Opportunities</b>	<ol style="list-style-type: none"><li>1. Skilled oriented programs are conducted with Advanced training institute, vidyanager, hyderabd.</li><li>2. More awareness and orientation towards core entrepreneurship development by establishing industry institute interaction.</li></ol>
<b>Threats</b>	As there are number of colleges in nearby areas is a threat of less admissions in the future.

**EVALUATIVE REPORT OF  
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT**

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department :  
**ELECTRICAL AND ELECTRONICS ENGINEERING**
2. Year of Establishment : **2001**
3. Names of Programmes / Courses offered (UG and PG ) :  
**UG: B.TECH (Electrical and Electronics Engineering),**  
**PG: M.Tech (Electrical Power System) & M.Tech(Power Electronics)**
4. Names of Interdisciplinary courses and the departments/units involved

S.No	Name of the Interdisciplinary courses	Departments
1	Engineering Drawing	ME
2	English	S & H
3	Computer programming & Data Structures	CSE
4	Mathematics-III	S & H
5	Fluid Mechanics and Hydraulic Machinery	MECH
6	Electronic Devices & Circuits	ECE
7	Managerial Economics & Financial Analysis	MBA
8	Electronic circuits	ECE
9	Switching Theory and Logic Design	ECE
10	IC Applications	ECE
11	Management Science	MBA
12	Microprocessor and Microcontrollers	ECE
13	Gender Sensitization	MBA
14	Human Values & Professional Ethics	MBA

5. Annual/ semester/choice based credit system (programme wise)

S. No	Semester/annual(Program)	
1	B.Tech	Choice based
2	M.Tech	Semester

6. Participation of the department in the courses offered by other departments

S. No	NAME OF THE COURSE	DEPARTMENT
1	Basic Electrical Engineering	CSE , MECH,CIVIL
2	Electrical Circuits	ECE
3	Principles of Electrical Engineering	ECE

7. Courses in collaboration with other universities, industries, foreign institutions, etc. **NO**

8. Details of courses/programmes discontinued (if any) with reasons: **NO**

9. Number of Teaching posts

POSITIONS	SANCTIONED	FILLED
Professors	5	5
Associate Professors	2	2
Asst. Professors	29	29

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name of the faculty	Highest Qualification	University	Year of Graduation	Designation	Specialization
1	Dr.Dhawan Kiriti Kumar	PH.D	IIT K	2000	Professor	ELECTRICAL ENGINEERING
2	Dr. Thangavel Govindaraj	PH.D	JADAVPUR	2010	Professor	SPECIAL ELECTRICAL MACHINES
3	Dr. R.Devasaran	PH.D	VINOBA BHAVE	2016	Professor	ELECTRICAL ENGINEERING

S. No.	Name of the faculty	Highest Qualification	University	Year of Graduation	Designation	Specialization
4	Dr. V.V.Karthikeyan	PH.D	ANNA	2014	Professor	POWER ELECTRONICS & DRIVES
5	Dr. S Saravanan	PH.D	ANNA	2015	Professor	POWER ELECTRONICS
6	Mr.Veeravalli K R Mohan Rao	M.TECH	JNTU	2007	Assoc. Prof.	POWER ELECTRONICS
7	Mr. S Radhakrishna Reddy	M.TECH (Ph.D)	SKU	2008	Assoc. Prof.	POWER ELECTRONICS
8	Mr.Yerra Rambabu	M.TECH	JNTU	2012	Asst. Prof.	POWER ELECTRONICS
9	Mr.Garlapati Ravinder Reddy	M.TECH	OU	2011	Asst. Prof.	POWER SYSTEMS& POWER ELECTRONICS
10	Ms.Yamsani Archana Sai	M.TECH	JNTUH	2014	Asst. Prof.	POWER ELECTRONICS
11	Ms.Dharamkar Laxmanrao Pallavi	M.TECH (Ph.D)	JNTU	2012	Asst. Prof.	POWER ELECTRONICS& INDUSTRIAL DRIVES
12	Mr.Vuddandam Vijaya Bhaskar	M.TECH	JNTU	2013	Asst. Prof.	POWER ELECTRONICS
13	Ms.Pola Lalitha Madhuri	M.TECH	JNTU	2013	Asst. Prof.	POWER SYSTEMS
14	Mr.Netala Netaji Gandhi	M.TECH	IIT R	2010	Asst. Prof.	SSEM
15	Mr.Sadula Venumadhav	M.TECH	JNTUH	2014	Asst. Prof.	POWER ELECTRONICS
16	Mr.Thota Santosh Kumar	M.TECH	JNTUH	2014	Asst. Prof.	POWER ELECTRONICS
17	Mr.Kota Babu Reddy	M.TECH	JNTUA	2014	Asst. Prof.	ELECTRICAL POWER ENGG
18	Mr.Pillalamari V S Aditya	M.TECH	JNTU	2011	Asst. Prof.	POWER ELECTRONICS
19	Mr.Immadisetty Rahul	M.TECH	JNTUH	2012	Asst. Prof.	POWER ELECTRONICS
20	Mr.Lokre Saisuman Rao	M.TECH	JNTUA	2013	Asst. Prof.	POWER ELECTRONICS

S. No.	Name of the faculty	Highest Qualification	University	Year of Graduation	Designation	Specialization
21	Mr.Vakiti Vishnuvardhan Yadav	M.TECH	JNTUA	2014	Asst. Prof.	POWER SYSTEMS
22	Ms.Kurapati Sailaja	M.TECH	JNTUA	2015	Asst. Prof.	CONTROL SYSTEMS
23	Mr.Chidigi Somasankarappa	M.TECH	JNTU	2011	Asst. Prof.	POWER ELECTRONICS
24	Mr. Sriram Kiran Kumar	M.TECH	JNTUH	2014	Asst. Prof.	POWER ELECTRONICS
25	Mr. Dudekula Mastanaiah	M.TECH	JNTUK	2016	Asst. Prof.	POWER SYSTEMS
26	Mr. Asipu Divya Murthy	M.TECH	JNTUH	2015	Asst. Prof.	POWER ELECTRONICS
27	Ms. Thirumalashetty Rajeswari	M.TECH	JNTUH	2014	Asst. Prof.	ELECTRICAL POWER SYSTEMS
28	Mr. Mohd Vikhar Ahmed Khan	M.TECH	JNTUH	2011	Asst. Prof.	ELECTRICAL POWER ENGG
29	Ms. Chukka Himabindu Sagarika	M.TECH	JNTUH	2014	Asst. Prof.	POWER ELECTRONICS& ELECTRICAL DRIVES
30	Mr. Perala Sridher	M.TECH	JNTUH	2015	Asst. Prof.	POWER ELECTRONICS
31	Mr. K.Naveen Kumar	M.E	A.U	2010	Asst. Prof.	POWER SYSTEMS
32	Mr. Mukkella Ramanjaneyulu	M.TECH	JNTU	2012	Asst. Prof.	POWER ELECTRONICS
33	Mr. Koppam Ramakrishna	M.TECH	JNTU	2013	Asst. Prof.	ELECTRICAL POWER ENGG
34	Mr. Meghavath Rajanayak	M.TECH (Ph.D)	JNTUK	2011	Asst. Prof.	HIGH VOLTAGE ENGG
35	Mr. Dabbugottu Kalyan Rao	M.TECH	JNTUK	2014	Asst. Prof.	POWER ELECTRONICS& DRIVES
36	Mr. Ingilala Jagadeesh	M.TECH	JNTUA	2014	Asst. Prof.	POWER ELECTRONICS



11. List of senior visiting faculty: **NIL**

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: **NIL**

13. Student -Teacher Ratio (programme wise)

**B.TECH 1:15, M.TECH 1:12**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

S.No	SANCTIONED	FILLED
1	8	8

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

S. No.	Name of the faculty	Highest Qualification	University	Year of Graduation	Designation
1	Dr.Dhawan Kiriti Kumar	PH.D	IIT K	2000	Professor
2	Dr. Thangavel Govindaraj	PH.D	JADAVPUR	2010	Professor
3	Dr. R.Devasaran	PH.D	VINOBA BHAVE	2016	Professor
4	Dr. V.V.Karthikeyan	PH.D	ANNA	2014	Professor
5	Dr. S Saravanan	PH.D	ANNA	2015	Professor
6	Mr.Veeravalli K R Mohan Rao	M.TECH	JNTU	2007	Assoc. Prof.
7	Mr. S Radhakrishna Reddy	M.TECH (Ph.D)	SKU	2008	Assoc. Prof.
8	Mr.Yerra Rambabu	M.TECH	JNTU	2012	Asst. Prof.
9	Mr.Garlapati Ravinder Reddy	M.TECH	OU	2011	Asst. Prof.
10	Ms.Yamsani Archana Sai	M.TECH	JNTUH	2014	Asst. Prof.
11	Ms.Dharamkar Laxmanrao Pallavi	M.TECH (Ph.D)	JNTU	2012	Asst. Prof.
12	Mr.Vuddandam Vijaya Bhaskar	M.TECH	JNTU	2013	Asst. Prof.
13	Ms.Pola Lalitha Madhuri	M.TECH	JNTU	2013	Asst. Prof.
14	Mr.Netala Netaji Gandhi	M.TECH	IIT R	2010	Asst. Prof.
15	Mr.Sadula Venumadhav	M.TECH	JNTUH	2014	Asst. Prof.
16	Mr.Thota Santosh Kumar	M.TECH	JNTUH	2014	Asst. Prof.
17	Mr.Kota Babu Reddy	M.TECH	JNTUA	2014	Asst. Prof.

S. No.	Name of the faculty	Highest Qualification	University	Year of Graduation	Designation
18	Mr.Pillalamari V S Aditya	M.TECH	JNTU	2011	Asst. Prof.
19	Mr.Immadisetty Rahul	M.TECH	JNTUH	2012	Asst. Prof.
20	Mr.Lokre Saisuman Rao	M.TECH	JNTUA	2013	Asst. Prof.
21	Mr.Vakiti Vishnuvardhan Yadav	M.TECH	JNTUA	2014	Asst. Prof.
22	Ms.Kurapati Sailaja	M.TECH	JNTUA	2015	Asst. Prof.
23	Mr.Chidigi Somasankarappa	M.TECH	JNTU	2011	Asst. Prof.
24	Mr. Sriram Kiran Kumar	M.TECH	JNTUH	2014	Asst. Prof.
25	Mr. Dudekula Mastanaiah	M.TECH	JNTUK	2016	Asst. Prof.
26	Mr. Asipu Divya Murthy	M.TECH	JNTUH	2015	Asst. Prof.
27	Ms. Thirumalashetty Rajeswari	M.TECH	JNTUH	2014	Asst. Prof.
28	Mr. Mohd Vikhar Ahmed Khan	M.TECH	JNTUH	2011	Asst. Prof.
29	Ms. Chukka Himabindu Sagarika	M.TECH	JNTUH	2014	Asst. Prof.
30	Mr. Perala Sridher	M.TECH	JNTUH	2015	Asst. Prof.
31	Mr. K.Naveen Kumar	M.E	A.U	2010	Asst. Prof.
32	Mr. Mukkella Ramanjaneyulu	M.TECH	JNTU	2012	Asst. Prof.
33	Mr. Koppam Ramakrishna	M.TECH	JNTU	2013	Asst. Prof.
34	Mr. Meghavath Rajanayak	M.TECH (Ph.D)	JNTUK	2011	Asst. Prof.
35	Mr. Dabbugottu Kalyan Rao	M.TECH	JNTUK	2014	Asst. Prof.
36	Mr. Ingilala Jagadeesh	M.TECH	JNTUA	2014	Asst. Prof.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **NO**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Yes**

18. Research Centre /facility recognized by the University: **NO**

19. Publications:

a) **Publication per faculty**

- Number of papers published in peer reviewed journals (national / international) by faculty and students

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- h-index

S. No.	Name of the faculty	Number of research publications in journals And conferences since joining
1	Dr. Thangavel Govindaraj	8
2	Mr.Veeravalli K R Mohan Rao	20
3	Mr. S Radhakrishna Reddy	5
4	Mr.Yerra Rambabu	20
5	Mr.Garlapati Ravinder Reddy	4
6	Ms.Yamsani Archana Sai	3
7	Ms.Dharamkar Laxmanrao Pallavi	2
8	Mr.Vuddandam Vijaya Bhaskar	12
9	Ms.Pola Lalitha Madhuri	2
10	Mr.Netala Netaji Gandhi	11
11	Mr.Sadula Venumadhav	2
12	Mr.Thota Santosh Kumar	12
13	Mr.Kota Babu Reddy	2
14	Mr.Pillalamari V S Aditya	7
15	Mr.Immadisetty Rahul	5
16	Mr.Lokre Saisuman Rao	2
17	Mr.Vakiti Vishnuvardhan Yadav	2
18	Ms.Kurapati Sailaja	1
19	Mr.Chidigi Somasankarappa	3
20	Mr. Sriram Kiran Kumar	1

20. Areas of consultancy and income generated : **YES**

21. Faculty as members in :

a) National committees b) International Committees c) Editorial Boards

S. No.	Name of the faculty	Name Of The Association
1	Dr.Dhawan Kiriti Kumar	MISTE
2	Dr. Thangavel Govindaraj	FIE,MISTE
3	Mr.Veeravalli K R Mohan Rao	IAENG
4	Mr. S Radhakrishna Reddy	IAENG,MISTE
5	Mr.Yerra Rambabu	IAENG
6	Mr.Garlapati Ravinder Reddy	IAENG
7	Ms.Yamsani Archana Sai	IAENG
8	Mr.Vuddandam Vijaya Bhaskar	IAENG,IASPER
9	Mr.Netala Netaji Gandhi	IAENG
10	Mr.Sadula Venumadhav	IAENG
11	Mr.Thota Santosh Kumar	IAENG
12	Mr.Pillalamari V S Aditya	IAENG, IASPER,ISEEE
13	Mr.Immadisetty Rahul	IAENG
14	Mr.Lokre Saisuman Rao	IAENG
15	Mr.Vakiti Vishnuvardhan Yadav	IAENG
16	Ms.Kurapati Sailaja	IAENG
17	Mr.Chidigi Somasankarappa	IAENG
18	Mr. Sriram Kiran Kumar	IAENG
19	Mr. Dudekula Mastanaiah	IAENG
20	Mr. Mohd Vikhar Ahmed Khan	IAENG
21	Ms. Chukka Himabindu Sagarika	IQACER
22	Mr. K.Naveen Kumar	ISTE

22. **Student projects**

- a) Percentage of students who have done in-house projects including inter departmental/programme: **46.7%**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **53.3%**

## 22. Awards/ Recognitions received by faculty and students:

SI No	Topic Name	Students Name(s)	Event Name and Venue	Awards
<b>2016-17</b>				
1	PAPER PRESENTATION	K.SATISH	SAVISKARAN-NAGOLE INSTITUTE OF TECHNOLOGY&SCIENCES	1ST PRIZE
2	PAPER PRESENTATION	J.SHIVA REDDY	SAVISKARAN-NAGOLE INSTITUTE OF TECHNOLOGY&SCIENCES	1ST PRIZE
3	PAPER PRESENTATION	M.VIJAY KUMAR	SAVISKARAN-NAGOLE INSTITUTE OF TECHNOLOGY&SCIENCES	1ST PRIZE
4	POSTER PRESENTATION	CH.MAHENDER	SAVISKARAN-NAGOLE INSTITUTE OF TECHNOLOGY&SCIENCES	1ST PRIZE
5	POSTER PRESENTATION	SHAIK AKBER ALI	SAVISKARAN-NAGOLE INSTITUTE OF TECHNOLOGY&SCIENCES	1ST PRIZE
6	PAPER PRESENTATION	B. Samuel David	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
7	PAPER PRESENTATION	SK. Akbar Ali	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
8	PAPER PRESENTATION	P. Chand Basha	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
9	PAPER PRESENTATION	Ch. Mahendar	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
10	PAPER PRESENTATION	A.Akhil Kumar	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
11	PAPER PRESENTATION	K. Sathish	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
12	PAPER PRESENTATION	J. Siva Reddy	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
13	PAPER PRESENTATION	K. Raja Sree	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
14	PAPER PRESENTATION	T. Abhishek	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
15	PAPER PRESENTATION	D. Prathyusha	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
16	PAPER PRESENTATION	J. Praveen Kumar	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
17	PAPER PRESENTATION	L. Dinesh	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation

SI No	Topic Name	Students Name(s)	Event Name and Venue	Awards
18	PAPER PRESENTATION	SK. Mujeeb	NCEET- HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of participation
19	PAPER PRESENTATION	Sathish	ELECTRET 2016,CBIT,Gandipet	Certificate of participation
20	PAPER PRESENTATION	Abhishek	ELECTRET 2016,CBIT,Gandipet	Certificate of participation
21	PAPER PRESENTATION	Sk. Akbar Ali	ELECTRET 2016,CBIT,Gandipet	Certificate of participation
22	PAPER PRESENTATION	P. Chand Basha	Seminar,St.Martin's Engg College	Certificate of participation
23	PAPER PRESENTATION	E.Bhavani	Seminar,St.Martin's Engg College	Certificate of participation
<b>2015-16</b>				
1	Technical Fest	D.Mounika	BHASWARA 2K15-Geethanjali college of Engineering & Technology	Certificate of participation
2	Technical Fest	SK. Mujeeb	BHASWARA 2K15-Geethanjali college of Engineering & Technology	Certificate of participation
3	Technical Fest	P. Sai Charan	BHASWARA 2K15-Geethanjali college of Engineering & Technology	Certificate of participation
<b>2014-2015</b>				
1	Poster Presentation	D.JITHENDAR	E3TA-HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	1ST PRIZE
2	Paper Presentation	B.RAKESH	E3TA-HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	2nd PRIZE
3	Paper Presentation	L.V.M VARUN KUMAR	E3TA-HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	2nd PRIZE
4	Poster Presentation	T.PRIYANKA	E3TA-HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	1ST PRIZE
5	Technical Quiz	ROHIT KUMAR TIWARI	E3TA-HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of Appreciation
6	Technical Quiz	PABBATHI REDDY BHAVANI	E3TA-HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of Appreciation
7	Technical Quiz	J.UDAY	E3TA-HOLY MARY INSTITUTE OF TECHNOLOGY &SCIENCE	Certificate of Appreciation

SI No	Topic Name	Students Name(s)	Event Name and Venue	Awards
<b>2013-2014</b>				
1	Paper Presentation	J.Uday	Elysium-HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE	1ST PRIZE
2	Paper Presentation	Jammula Siduja	Elysium-HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE	Certificate of Appreciation
3	Poster Presentation	A.Reshmi	Elysium-HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE	1st PRIZE
4	Technical Quiz	Pabbathi reddy Bhavani	Elysium-HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE	1st Prize
5	Technical Quiz	Ravva Srikanth	Elysium-HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE	2 ndPrize
6	Technical Quiz	Karla satheesh	Elysium-HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE	1 st Prize

## 23. List of eminent academicians and scientists/ visitors to the department:

Any other contributory Institute /Industry Inst./Industry	Resource Persons
<b>2016-17</b>	
SEMINAR	Dr.K.BHASKAR, Professor, JNTU H
SEMINAR	Dr.B.P.SINGH,Rtd.G.M,BHEL,HYD
WORKSHOP	SRI.B.MALLIKARJUN,M.D,HYD
GUEST LECTURE	Dr.P.VENKATA PRASAD,Professor,CBIT,HYD
WORKSHOP	SRI.G.SRINIVAS,RTD.ENG,NMDC,HYD
TRAINING	Ms.KOMAL SHEDGE,TRAINER,PUNE
<b>2015-16</b>	
GUEST LECTURE	SRI. Y.TIRUPATI REDDY (ADE TRANSCO)
GUEST LECTURE	SRI Y.TIRUPATI REDDY (ADE TRANSCO)
GUEST LECTURE	SRI.ANIL NAIR,CEO,HYD
<b>2014-15</b>	
GUEST LECTURE	Dr. J.B.V. Subrahmanyam,Professor,HYD
INDUSTRIAL TRAINING	Mr. RAMESH,TRAINER,HYD
<b>2013-2014</b>	
Central Power Training Institute	SRI. G.Mahesh Kumar,AE,HYD
GUEST LECTURE	Dr. Alivelu Manga Parimi,BITS PILANI,HYD
WORKSHOP	SRI.Shikar Dobb,APP DEVELOPER,HYD
GUEST LECTURE	Prof.C.Pamuleti,HYD

24. Seminars/ Conferences/Workshops organized & the source of funding

- a) National  
b) International

S. no	Name of the event	Organized under/Convener	Date(s)	No of participants
<b>Academic year 2016-17</b>				
1	Two day workshop on Electrical Simulation using PSPICE and MATLAB	Mr.S.RADHA KRISHNA REDDY ASSOC.PROFESSOR	22 <sup>nd</sup> & 23 <sup>rd</sup> August 2016	120
2	Seminar	Mr.S.RADHA KRISHNA REDDY ASSOC.PROFESSOR	08 <sup>th</sup> sep 2016	110
3	Seminar	Mr.S.RADHA KRISHNA REDDY ASSOC.PROFESSOR	14 <sup>th</sup> Sep 2016	120
4	One Day Workshop On Industrial Automation	Mr.S.RADHA KRISHNA REDDY ASSOC.PROFESSOR	16 <sup>th</sup> Sep 2016	50
5	NATIONAL CONFERENCE(NCEEET-16)	Dr.T.GOVINDARAJ PROFESSOR	28 <sup>th</sup> Sep 2016	50
6	One Week Training Programme On Plc-Scada	Mr.S.RADHA KRISHNA REDDYASSOC.PROFESSOR	20 <sup>th</sup> – 24 <sup>th</sup> March 2017	80
<b>Academic year 2015-16</b>				
1	ELYSIUM -2K16	Mr.V.K..R.Mohan rao ASSOC.PROFESSOR	28 <sup>th</sup> & 29 <sup>th</sup> Dec 2015	130
<b>Academic year 2014-15</b>				
1	Industrial Training and field of Electrical Engineering	Dr.R.V.Amarnath, Professor	22-1-2015	90
<b>Academic year 2013-14</b>				
1	Two Day workshop on Android App Development	Dr.R.V.Amarnath, Professor	8-3-2014 to 9-3-2014	All IV year students

25. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Fluid Mechanics and Hydraulic Machinery	61	49	49	12	80.33%
Electronic Devices and Circuits	61	53	49	12	86.89%

\*M = Male      F = Female



## 26. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.TECH	83.6%	10%	6.4%

## 27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

S.No	Exam Appeared	No.Of Students Qualified		
		2015-16	2014-15	2013-14
1	GATE/ PGEGET	18	22	25

## 28. Student progression

Student progression	Against % enrolled		
	2015-16	2014-15	2013-14
UG to PG	24.6%	51.1%	39%
PG to M.Phil.	Nil	Nil	Nil
PG to Ph.D.	Nil	Nil	Nil
Ph.D. to Post-Doctoral	Nil	Nil	Nil
Employed			
Campus selection	12.3%	13.9%	17.1%
Other than campus recruitment	8.2 %	23.2%	28.1%
Entrepreneurship/Self-employment	1	Nil	1

## 29. Details of Infrastructural facilities

- Library: YES (48496-books, 142- journals, -----project reports.)
- Internet facilities for Staff & Students: 30 systems with 10 MBPS
- Class rooms with ICT facility: 6 class rooms
- Laboratories: 10 laboratories

## 30. Number of students receiving financial assistance from college, university, government or other agencies

Category	2016-17	2015-16	2014-15	2013-2014
SC	34	44	36	41
ST	30	37	18	32
BC	66	82	136	88
EBC	27	26	65	22
MI	8	6	10	3

31. Details on student enrichment programmes (special lectures /workshops / seminar) with external experts:

S. no	Name of the event	Organized under/Convener	Date(s)	No of participants
<b>Academic year 2016-17</b>				
1	Two day workshop on Electrical Simulation using PSPICE and MATLAB	Mr.S.RADHA KRISHNA REDDY ASSOC.PROFESSOR	22nd & 23rd August 2016	120
2	Seminar	Mr.S.RADHA KRISHNA REDDY ASSOC.PROFESSOR	08th sep 2016	110
3	Seminar	Mr.S.RADHA KRISHNA REDDYASSOC.PROFESSOR	14th Sep 2016	120
4	One Day Workshop On Industrial Automation	Mr.S.RADHA KRISHNA REDDY ASSOC.PROFESSOR	16th Sep 2016	50
5	Guest lecture	Mr.G.Ravinder reddy	20TH Sep 2016	50
6	One Week Training Programme On Plc-Scada	Mr.S.RADHA KRISHNA REDDY ASSOC.PROFESSOR	20th – 24th March 2017	80
<b>Academic year 2015-16</b>				
1	Guest lecture on modern trends in maintenance of substation and transmission lines	Mr.V.K..R.Mohan rao ASSOC.PROFESSOR	1/10/15	100
2	Guest lecture on real time applications in electrical engineering	Mr.V.K..R.Mohan rao ASSOC.PROFESSOR	1/10/15	100
3	Guest lecture on quicker Maths	Mr.V.K..R.Mohan rao ASSOC.PROFESSOR	21/2/15	50
<b>Academic year 2014-15</b>				
1	Guest Lecture on "Power Electronics"	Dr. J.B.V. Subrahmanyam	20-02-2015	50
2	Industrial Training and field of Electrical Engineering	Dr.R.V.AmarnathProfessor	22-1-2015	90
<b>Academic year 2013-14</b>				
1	Guest Lecture on Micro Electro Mechanical Systems (MEMS)	Mr.V.K..R.Mohan rao ASSOC.PROFESSOR	12-2-2014	70
2	Two Day workshop on Android App Development	Dr.R.V.AmarnathProfessor	8-3-2014 to 9-3-2014	50

32. Teaching methods adopted to improve student learning

The Following Teaching Methods Are Adopted To Improve Student Learning:

1. Chalk & Talk
2. Learning by doing
3. OHP/ LCD Projector
4. Internet
5. E-tutorials
6. Role play
7. Models/charts
8. Group Tasks
9. Q&A

33. Participation in Institutional Social Responsibility (ISR) and Extension activities:

**Extra Curricular Activities:**

It is a well known fact that poetry is a language of emotion and prose is language of an intellectual and life is an art. Amalgamating the above mentioned three qualities and making this planet a better place to live in, we have adopted Bogaram village and donated books to poor students. We educated local villagers to pray to Lord Ganesh eco friendly idols made of clay. Charity begins at home and keeping in tune the above proverb we raised funds from students and utilized the amount collected towards purchasing of toys and handed over to an orphanage. Every human being is a perfection of lord which means there is presence of lord in every mortal. So, serving every human being is serving lord. Every drop of blood is precious we transformed this idea and arranged blood donation camps.

To conduct extracurricular activities we have, Environmental Club and Fine arts and Cultural Club.

**Environmental club:**

Environmental club was formed in the college in the year 2009. The club members are taking care of ambience, green cover, water conservation and environment preservation in the campus. The club motto is “Holy Peace & Holy Green (HPHG)”. We educated students and staff to pray to Lord Ganesh eco friendly idols made of clay.

The members of the committee are:

S.No.	Name & Designation	Position
1	Mr.Y.Ramakrishna, Associate Professor, MCA	Chairman
2	Mr. S. Vinayak, Asst.Professor	Member.Convener
3	Dr.J.Raju , Associate	Member

**Academic Year 2012.13**

1. Prohibited plastic usage in the college campus
2. Prohibited motor vehicles transportation in college campus to avoid air pollution
3. In college campus, battery vehicle is being used for transportation in campus from 10.06.2012

**Academic Year 2011.12**

1. Prohibited plastic usage in the college campus
2. Plantation of trees in the college campus 16, 17.09.2011
3. Minimising paper waste by Reusing papers in administration activities from 01.01.2011

**Academic Year 2010-11**

1. Clean and green program conducted at Birla temple, Hyderabad on 23.10.2010

34. SWOC analysis of the department and Future plans

**Strengths:**

1. Sufficient faculty with various specialization & good
2. Good industrial institute interaction
3. Good collaborative activities with professional bodies
4. Students are participating actively in extra co-curricular activities

**Weakness:**

1. Research facilities to be initiated to expose the students to world class equipment

**Opportunities:**

1. Job oriented skilled training to be obtained from the core companies which are near by the college
2. Preparing the student to become entrepreneurs with collaboration of MSME/NSIC

**Threats:**

The present young generation is much oriented towards software based courses and easy money

**EVALUATIVE REPORT OF  
MBA DEPARTMENT**

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

**Our Vision:**

Our Students should become capable managers and successful Entrepreneurs.

**Our Mission.**

We challenge how things are done and we teach our students to constantly question and innovate. We believe in providing our students with the most diverse rewarding business education.

1. Name of the department: **MASTER OF BUSINESS ADMINISTRATION**
2. Year of Establishment :**2001**
3. Names of Programmes / Courses offered ( PG)  
**PG: MBA (MASTER OF BUSINESS ADMINISTRATION)**
4. Names of Interdisciplinary courses and the departments/units involved  
**NIL**
5. Annual/ semester/choice based credit system (programme wise)

S.No	Semester/annual(Program)	Credit system
1	MBA	Semester

6. Participation of the department in the courses offered by other departments

S. No	NAME OF THE SUBJECT	NAME OF THE DEPARTMENT
1	MEFA (Engineering)	CSE,ECE,EEE,MEC,CIVIL
2	MS (Engineering)	CSE,ECE,EEE,MEC,CIVIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc. **NIL**
8. Details of courses/programmes discontinued (if any) with reasons : **NO**

9 Number of teaching posts : **17**

Designations	Sanctioned	Filled
Professors	2	2
Associate Professors	2	2
Asst. Professors	13	13

## 10 Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	S. Kennedy Babu	M.Com, MBA, MPHIL, (PHD)	HOD	Marketing	24	
2	Dr. KESANA MADHAVA RAO	M.Com, MBA, MPHIL, (PHD)	Professor	Finance	24	
3	Dr.BHUMIREDDYAMA RANATHA Reddy	MBA, PHD	Asso. Professor	Marketing	5	
4	Dr.DEVARAPU SUCHARITHA	MBA, PHD	Asso. Professor	HRM	5	
5	Mr.BODDU KRISHNA REDDY	MBA	Asst. Professor	Marketing	2	
6	Mr.SOMAYAJULA RAGHAVENDRA	MBA	Asst. Professor	HRM	4	
7	Mr.BASAVOJU BHAVANI	MBA	Asst. Professor	HRM	1	
8	Ms.SADHU NIKHILA	MBA	Asst. Professor	HRM	1	
9	Mr.ANUPAM	MBA	Asst. Professor	Marketing	1	
10	Ms.MODALA CHAITHANYA	MBA	Asst. Professor	HRM	1	
11	Mr.MAHAMMAD YASINPASHA	MBA	Asst. Professor	Finance	1	
12	Mr.KAMASAMUDRAM VIJAYA PRATAP	MBA	Asst. Professor	HRM	1	

S. No.	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
13	Mr.DEVARAJULA PRADEEP KUMAR	MBA	Asst. Professor	HRM	1	
14	Ms.GADDAM SRAVANTHI	MBA	Asst. Professor	HRM	1	
14	Ms.KAPU PRASANNA	MBA	Asst. Professor	HRM	1	
15	Mr.CHETPELLI VIKAS	MBA	Asst. Professor	HRM	1	
16	Mr.THIPPARAVENI	MBA	Asst. Professor	HRM	1	
17	MALLIKHARJUN	MBA	Asst. Professor	HRM	1	

11 List of senior visiting faculty -

S. No.	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1.	Dr.J.U Reddy	MBA, PHD	Professor	Marketing	25	4
2.	Dr.Sai kumar	MBA,PHD	Professor	Finance	20	4
3.	Dr.K.Sankar Rao	MBA,PHD	Professor	Finance	20	

12 Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty - **NO**

13 Student -Teacher Ratio (programme wise) **MBA 1:15,**

14 Number of academic support staff (technical) and administrative staff; sanctioned and filled

S.No	SANCTIONED	FILLED
1	2	2



## 15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

S. No.	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	S. Kennedy Babu	M.Com, MBA, MPHIL, (PHD)	HOD	Marketing	24	
2	Dr.KESANA MADHAVA RAO	M.Com, MBA, MPHIL, (PHD)	Professor	Finance	24	
3	Dr.BHUMIREDDY AMARANATHA Reddy	MBA, PHD	Asso. Professor	Marketing	5	
4	Dr.DEVARAPU SUCHARITHA	MBA, PHD	Asso. Professor	HRM	5	
5	Mr.BODDU KRISHNA REDDY	MBA	Asst. Professor	Marketing	2	
6	Mr.SOMAYAJULA RAGHAVENDRA	MBA	Asst. Professor	HRM	4	
7	Mr.BASAVOJU BHAVANI	MBA	Asst. Professor	HRM	1	
8	Ms.SADHU NIKHILA	MBA	Asst. Professor	HRM	1	
9	Mr.ANUPAM	MBA	Asst. Professor	Marketing	1	
10	Ms.MODALA CHAITHANYA	MBA	Asst. Professor	HRM	1	
11	Mr.MAHAMMAD YASINPASHA	MBA	Asst. Professor	Finance	1	
12	Mr.KAMASAMUDRAM VIJAYA PRATAP	MBA	Asst. Professor	HRM	1	
13	Mr.DEVARAJULA PRADEEP KUMAR	MBA	Asst. Professor	HRM	1	
14	Ms.GADDAM SRAVANTHI	MBA	Asst. Professor	HRM	1	
14	Ms.KAPU PRASANNA	MBA	Asst. Professor	HRM	1	
15	Mr.CHETPELLI VIKAS	MBA	Asst. Professor	HRM	1	
16	Mr.THIPPARAVENI	MBA	Asst. Professor	HRM	1	
17	MALLIKHARJUN	MBA	Asst. Professor	HRM	1	

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received - **NO**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received - **NO**
18. Research Centre /facility recognized by the University - **NO**
19. Publications:

a) **Publication per faculty:**

1	S. Kennedy Babu	Mcom, MBA, M.Phil, Ph.D	HOD	Two national publications One Text Book.
2.	Dr.KESANA MADHAVA RAO	M.Com, MBA, MPHIL, (PHD)	Professor	Four national publications
3.	Dr. BHUMIREDDY AMARANATHA Reddy	MBA, PHD	Asst. Professor	For National Publications

- Number of papers published in peer reviewed journals (national / international) by faculty and students

Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- h-index

- 20 Areas of consultancy and income generated – Three Faculty development Programs conducted during the academic year 2016-17, with the sponsorship of “Department of Science & Technology, Govt. of India, New Delhi 21”.

Faculty as members in - **NO**

- a) National committees b) International Committees c) Editorial Boards

- 22 Student projects:
- Percentage of students who have done in-house projects including inter departmental/programme **10%**
  - Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **90%**

- 23 Awards/ Recognitions received by faculty and students

**NIL**

24. List of eminent academicians and scientists/ visitors to the department:

- Karunakara M.Reddy CMD.  
SMART INDIA (P)LTD, HYDERABAD. TELANGANA STATE.

- 25 Seminars/ Conferences/Workshops organized & the source of funding

- National
  - International
- TECHNOLOGY BASED ENTREPRENEURSHIP DEVELOPMENT PROGRAM  
Date: From 16<sup>th</sup> February To 07<sup>th</sup> May 2016.
  - Faculty Development program in Entrepreneurship Development.  
2<sup>nd</sup> February 2016- to 5<sup>th</sup> March 2016.

S. No	Date	Topic	Resource Person and Designation	Target Audience
1	20-01-2013	An awareness Program on support to women entrepreneurs by COWE.	COWE Chair Persons	I, I, MBA Girl students
2	08-02-2013	Workshop on "Entrepreneur Orientation Program"	NSIC ECIL	II MBA students
3	15-02-2013	Investing Awareness Program	HCCA	II year Students

26. Student profile programme/course wise: **NIL**

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
MBA	75%	25%	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? - NA

29 Student progressions

Student progression	Against % enrolled
PG to M.Phil.	<b>NIL</b>
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
<ul style="list-style-type: none"> <li>• Employed</li> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	90% 30% 60%
Entrepreneurship/Self-employment	5%

30 Details of Infrastructural facilities

a) Library

Library Area : 1000 sq.mts  
 Reading Hall : 708 sq.mts  
 Stocking Area : 292 sq.mts  
 Total : 1000 sq.mts  
 Seating capacity : 350

b) No. of books : 43334

No. of titles : 8071

No of periodicals : 354

A) National : 148

B) International : Through SONET 288+63 IEEE

- 4) Library facilities :
  - a) Book calculation service: YES
  - b) Book reservation facility: yes
  - c) Periodic subscription: 354
  - d) Reference service: YES
  - e) New Arrival display: YES
  - f) Photo copying facility: YES
  - g) Current awareness service to staff members: YES
  - h) Internet facility with 20 systems: YES
  
- a) Internet facilities for Staff & Students: YES
  - 1) BSNL BROAD BAND-10 Mbps speed (3 connections)  
= 30 Mbps
  - 2) Reliance 2 mbps Internet Connection.

**Details of Infrastructural facilities :**

- Two Classrooms exclusively for MBA department to conduct class work.
- Two tutorial rooms exclusively for MBA department for conducting tutorial classes.
- Seminar hall for MBA department for conducting various technical events
- Conference hall equipped with projector and computers, internet, and white board.
- Student Counseling room exclusively for the department.
- Department library for the use of teaching staff.

**Infrastructural facilities for Staff**

- Department consists of one HOD room and two faculty rooms
- HOD room is equipped with PC with internet, printer, table, Fan, tube light, cupboard and bookrack.
- Staff Room(s): All faculty members of the department are provided seating arrangement with cubicles and each cubicle consists of faculty table, chair, display board and closed rack. All senior faculty rooms are equipped with PC along with internet facility.
- One separate room (department library hall) is provided for staff.

c) Class rooms with ICT facility

- **Digital classrooms** are provided to MBA I year students which will be later extended to MBA II year students

31. Number of students receiving financial assistance from college, university, government or other agencies

Category				
A. Y.	2016-17	2015-16	2014-15	2013-2014
SC	10	2	9	1
ST	6	0	1	8
BC	11	16	31	25
EBC	2	9	14	15
MI	1	2	4	0

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Name of the programme	Programme title	Conducted by
Seminar	Carrier options in banking sector by K.V.Raman	TIME
Seminar	Carrier in finance sector by Prabhakar	SMART STEPS
Workshop	Financial literacy by Shastri	SEBI

33. Teaching methods adopted to improve student learning:

We take up the current issues related to Business for class room discussion. We use simulation techniques to analyze the issues, and draw the conclusions to make business decisions. we read the companies websites for comparative study, announcements, and innovations.

We use Following teaching aids are adopted to deliver the content:

1. Chalk & Talk
2. Learning by doing
3. OHP/LCD Projector
4. Internet

5. E-tutorials
6. Role Play
7. Models/ charts
8. Group Tasks
9. Q&A

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

**Extra Curricular Activities:**

It is a well known fact that poetry is a language of emotion and prose is language of an intellectual and life is an art. Amalgamating the above mentioned three qualities and making this planet a better place to live in, we have adopted Bogaram village and donated books to poor students. We educated local villagers to pray to Lord Ganesh eco friendly idols made of clay. Charity begins at home and keeping in tune the above proverb we raised funds from students and utilized the amount collected towards purchasing of toys and handed over to an orphanage. Every human being is a perfection of lord which means there is presence of lord in every mortal. So, serving every human being is serving lord. Every drop of blood is precious we transformed this idea and arranged blood donation camps.

To conduct extracurricular activities we have, Environmental Club and Fine arts and Cultural Club. Environmental club:

Environmental club was formed in the college in the year 2009. The club members are taking care of ambience, green cover, water conservation and environment preservation in the campus. The club motto is “Holy Peace & Holy Green (HPHG)”. We educated students and staff to pray to Lord Ganesh eco friendly idols made of clay.

The members of the committee are:

S. No.	Name & Designation	Position
1	Mr. Y. Ramakrishna, Associate Professor, MCA	Chairman
2	Mr. S. Vinayak, Asst. Professor	Member. Convener
3	Dr. J. Raju, Associate	Member

**Academic year 2015-16.**

We have conducted swatch Bharath Programs in our campus. We have also conducted Haritha Haram Program (Plantation ) initiated by Telangana Government.

**Academic year 2014-15**

We have conducted Sankranthi (ART) Muggula completions among rural women in Bogram village, and gave cash prizes.

**Academic Year 2012.13**

1. Prohibited plastic usage in the college campus
2. Prohibited motor vehicles transportation in college campus to avoid air pollution
3. In college campus, battery vehicles is being used for transportation in campus from 10.06.2012

**Academic Year 2011.12**

1. Prohibited plastic usage in the college campus
2. Plantation of trees in the college campus 16, 17.09.2011
3. Minimising paper waste by Reusing papers in administration activities from 01.01.2011

**Academic Year 2010-11**

Clean and green program conducted at Birla temple, Hyderabad on 23.10.2010.

35. **SWOT analysis** of the department and Future plans

**Strength:**

1. Two Faculty members with International Teaching Experience,
2. Four Doctorate Faculty and two research scholars available for Research work.
3. Total of seven teen motivated, qualified and experienced staff available for Department to take up work load, and complete syllabus on time.
4. Exceptionally good volume of Books and e-Books in the library.
5. Latest version of software in computers and Desktops. With Wi-Fi facility.
6. Projectors available for every lecture interested in using.



7. 10 MBPS dedicated band width internet.
8. Spacious conference rooms, indoor sports facilities, the best cricket and food ball stadium.
9. Faculty members having links with NHRD, AIMA, and Hyderabad Management association.
10. Industrial links for Placements, industrial visits and Guest lecturers and seminars.
11. Connected with NIMSME; National Institute for Micro, Small and Medium Enterprises, for Entrepreneurial training.
12. Highly motivated faculty participating in Research activity, FDP programs conducted in other Institutions in other states as well.
13. CC Cameras fixed in each and every corner and in class to monitors the movement of students.
14. Dedicated lady mentors and rest rooms for girls.

**Weakness:**

1. Telugu medium students and rural students unable catch up the dynamic nature of management studies.
2. Students focusing on competitive exams.
3. Lady faculty taking More Holidays.
4. Travelling Time College from city.
5. Gap between university curriculum and Industry Expectations.

**Opportunities:**

1. Growth of Indian Economy, More Challenging Jobs available to MBA Students.
2. New Investments coming to Both Telangna, and Andhra Pradesh.
3. Scope for startup companies, and Entrepreneurial activity.
4. More Private and Public sector jobs available.
5. Scope for Research activity,
6. Expansion and Increase of Intake.
7. opportunities in offering Courses in collaboration with Industries, and foreign institutions
8. Department would take up Skill India Initiative.

**Threats:**

1. Unable to cope up fast growing Economy and Challenges.
2. Completing University curriculum, while providing value to the course.
3. Retention of Doctorates.

**Actions and Future plans:**

The Department is motivating the students to participate in language labs, improving their communications and English language skills. The Department is creating more awareness on the Jobs available from public and private sector.

The Department is working hard to cop up with university curriculum and Industry Expectations. The Department is encouraging students to travel in college operated Buses so as to reduce their travelling time.

Since there more opportunities available in Growing economy and in newly formatted states, we considers threats also as challenges and opportunities, the Department is providing more career options and quality of work life for our teaching staff, so that our staff is more committed to the department.

The Department is searching for opportunities in offering Courses in collaboration with Industries and foreign institutions

**EVALUATIVE REPORT OF  
COMPUTER SCIENCE & ENGINEERING DEPARTMENT**

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department : **Computer Science And Engineering**
2. Year of Establishment : **2001**
3. Names of Program's / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.),

**UG : B. Tech (Computer Science and Engineering)**

**PG : M. Tech (Computer Networks and Information Security)**

4. Names of Interdisciplinary courses and the departments/units involved

<b>S.No</b>	<b>Name of the Interdisciplinary courses</b>	<b>Departments</b>
1.	Basic Electrical Engineering	EEE
2.	Electronic Devices and Circuits	ECE
3.	Digital logic Design	ME
4.	VLSI Design	ECE
5.	Microprocessor and Interfacing	ECE

5. Annual/ semester/choice based credit system (programme wise)

<b>S.No</b>	<b>Semester/annual (Program)</b>	<b>Credit system</b>
1	B. Tech	Choice Based
2	M. Tech	Semester

6. Participation of the department in the courses offered by other departments

<b>S. No</b>	<b>Courses</b>	<b>Department</b>
	<b>NIL</b>	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

S.No	Programme	Organization
<b>CAY: 2015-16</b>		
1	Workforce Development Programme (WDP)	ORACLE
<b>CAY: 2016-17</b>		
1	Hp Software Testing	STEINMETZ
2	BIG DATA using HP IDOL	STEINMETZ

8. Details of courses / programmes discontinued (if any) with reasons:  
1. M. Tech (Information Technology) – Lack of admissions

9. Number of Teaching Posts

Designation	Sanctioned	Filled
Professors	5	6
Associate Professors	10	11
Assistant Professors	25	27

10. **Faculty profile with name, qualification, designation, specialization (D.sc/D.Litt. /Ph.D. /M. Phil. Etc.,) 2016-2017**

S. NO	NAME OF THE FACULTY	QUALIFICATION	DESIGNATION	SPECIALIZATION
1	Dr. N. Subhash Chandra	M.Tech, Ph.D	Principal & Professor	Computer Science
2	Dr. B.M.G. Prasad	M.Tech, Ph.D	Professor	Software Engineering
3	Dr. Md. Khalid Imam Rahmani	M.Tech Ph.D	Professor	Computer Engineering
4	Dr. Chaluvadi.V. Raghavendran	M.Tech, M.Phil, Ph.D	Professor	CSE
5	Dr. Rajasekharaiah K M	M.Tech. Ph.D	Professor	CSE
6	Dr. K. Srihari	M.Tech Ph.D	Professor	CSE
7	B irru Devender	B.Tech M.Tech (Ph.D)	Assoc. Professor	Computer Science
8	Vempati Krishna	MCA, M.Tech	Assoc. Professor	Computer Science
9	Yalavarthi Rama Krishna	MCA, M.Tech	Assoc. Professor	CSE
10	B. Ravi Kumar	B.Tech, M.Tech	Assoc. Professor	CSE

S. NO	NAME OF THE FACULTY	QUALIFICATION	DESIGNATION	SPECIALIZATION
11	B. Narsimha	B.Tech, M.Tech	Assoc. Professor	CSE
12	Thumma Venu	MCA, M.Tech	Assoc. Professor	CN & IS
13	G. Venkata Koti Reddy	B.Tech, M.Tech	Assoc. Professor	CN & IS
14	Ch. Tulasi Ratnamani	B.Tech, M.Tech	Assoc. Professor	Computer Science & Technology
15	Veer Sudhir Goud	MCA, M.Tech	Assoc. Professor	CSE
16	B. Uppalaiah	B.Tech, M.Tech	Assoc. Professor	Software Engineering
17	V. Veeresh	B.Tech, M.Tech	Assoc. Professor	CSE
18	P. Rajya Lakshmi	B.Tech, M.Tech	Asst. Professor	CSE
19	K. Chandramouli	B.Tech, M.Tech	Asst. Professor	CSE
20	K. Prathyusha	B.Tech, M.Tech	Asst. Professor	CSE
21	K. Aparna Lakshmi	B.Tech, M.Tech	Asst. Professor	CSE
22	Ch. Hannah	B.Tech, M.Tech	Asst. Professor	Computer Science
23	Nagabotu Vimala	B.Tech, M.Tech	Asst. Professor	CSE
24	M. Naresh	B.Tech, M.Tech	Asst. Professor	CSE
25	Manu Hajari	B.Tech, M.Tech	Asst. Professor	CSE
26	Korra Srinivas	B.Tech, M.Tech	Asst. Professor	CSE
27	Baddipudi Gayatry	B.Tech, M.Tech	Asst. Professor	Software Engineering
28	Shaik SMP Qubeb	B.Tech, M.Tech	Asst. Professor	CSE
29	Chinta Veena	B.Tech, M.Tech	Asst. Professor	CSE
30	Vanam Manasa	B.Tech, M.Tech	Asst. Professor	CSE
31	Ganji Kranthi Kumar	B.Tech, M.Tech	Asst. Professor	CSE
32	Pargi Sridhar Reddy	B.Tech, M.Tech	Asst. Professor	CSE
33	B. Nagulu	B.Tech, M.Tech	Asst. Professor	CSE
34	Modi Grace Priscilla	B.Tech, M.Tech	Asst. Professor	CSE
35	Piska Mahesh Vikram	B.Tech, M.Tech	Asst. Professor	CSE
36	Rajan Soniya	B.Tech, M.Tech	Asst. Professor	CSE
37	Annamaraju Thanuja	B.Tech, M.Tech	Asst. Professor	CSE
38	Shaik Mahaboob Basha	B.Tech, M.Tech	Asst. Professor	CN
39	Enagandual Sunil	B.Tech, M.Tech	Asst. Professor	CSE
40	Godisala Rajendra Prasad	B.Tech, M.Tech	Asst. Professor	CSE
41	Muhammad Kalam	B.Tech, M.Tech	Asst. Professor	CN & IS
42	Bhukya Krishna Nayak	B.Tech, M.Tech	Asst. Professor	CSE
43	Samyuktha C	B.Tech, M.Tech	Asst. Professor	Computer Science
44	V. Narayani	B.Tech, M.Tech	Asst. Professor	CSE

11. List of Senior visiting faculty - **NO**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty - **NO**
13. Student -Teacher Ratio (programme wise) **B.Tech 1: 15, M.Tech 1:12**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

S.No	Sanctioned	Filled
1	9	9

S.No	Name of the Tech Staff	Qualification		Other Technical Skills Gained	Responsibility
		At Joining	Now		
1	D. Natraj	M.sc(comp)	M.Sc(comp)	Networking, Java	
2	V Sudeshna	BTECH	BTECH	Networking	
3	G.Mahendranath	MCA	MCA	Networking	
4	T Kanakaiah	M.Tech		Networking	
5	S Jalapati	B.Com		Linux	
6	Ramyakumari	BTECH		Linux	

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

S.no	Name of the faculty	Qualification	Designation	Experience
1	Dr. N. Subhash Chandra	M.Tech, Ph.D	Principal & Professor	23 years
2	Dr. B.M.G. Prasad	M.Tech, Ph.D	Professor	17 years
3	Dr. Md. Khalid Imam Rahmani	M.Tech Ph.D	Professor	17 years
4	Dr. Chaluvadi.V. Raghavendran	M.Tech, M.Phil, Ph.D	Professor	21 years
5	Dr. Rajasekharaiah K M	M.Tech. Ph.D	Professor	35 years
6	Dr. K. Srihari	M.Tech Ph.D	Professor	15 years
7	B irru Devender	B.Tech M.Tech (Ph.D)	Assoc. Professor	years
8	Vempati Krishna	MCA, M.Tech	Assoc. Professor	17 years
9	Yalavarthi Rama Krishna	MCA, M.Tech	Assoc. Professor	11 years
10	B. Ravi Kumar	B.Tech, M.Tech	Assoc. Professor	14 years

S.no	Name of the faculty	Qualification	Designation	Experience
11	B. Narsimha	B.Tech, M.Tech	Assoc. Professor	13 years
12	Thumma Venu	MCA, M.Tech	Assoc.Professor	12 years
13	G. Venkata Koti Reddy	B.Tech, M.Tech	Assoc. Professor	6 Years
14	Ch. Tulasi Ratnamani	B.Tech, M.Tech	Assoc. Professor	6 years
15	Veer Sudhir Goud	MCA, M.Tech	Assoc. Professor	22 years
16	B. Uppalaiah	B.Tech, M.Tech	Assoc. Professor	8 years
17	V. Veeresh	B.Tech, M.Tech	Assoc. Professor	8 years
18	P. Rajya Lakshmi	B.Tech,M.Tech	Asst. Professor	2 years
19	K. Chandramouli	B.Tech, M.Tech	Asst. Professor	2 years
20	K. Prathyusha	B.Tech,M.Tech	Asst.Professor	2 years
21	K. Aparna Lakshmi	B.Tech,M.Tech	Asst.Professor	2 years
22	Ch. Hannah	B.Tech,M.Tech	Asst.Professor	2 years
23	Nagabotu Vimala	B.Tech, M.Tech	Asst. Professor	5 years
24	M. Naresh	B.Tech, M.Tech	Asst.Professor	2 years
25	Manu Hajari	B.Tech, M.Tech	Asst.Professor	1 years
26	Korra Srinivas	B.Tech, M.Tech	Asst.Professor	3 years
27	Baddipudi Gayatry	B.Tech, M.Tech	Asst.Professor	1 year
28	Shaik SMP Qubeb	B.Tech, M.Tech	Asst.Professor	4 years
29	Chinta Veena	B.Tech, M.Tech	Asst.Professor	8 years
30	Vanam Manasa	B.Tech, M.Tech	Asst.Professor	2 months
31	Ganji Kranthi Kumar	B.Tech, M.Tech	Asst.Professor	2 months
32	Pargi Sridhar Reddy	B.Tech, M.Tech	Asst.Professor	2 months
33	B. Nagulu	B.Tech, M.Tech	Asst.Professor	2 months
34	Modi Grace Priscilla	B.Tech, M.Tech	Asst.Professor	2 months
35	Piska Mahesh Vikram	B.Tech, M.Tech	Asst.Professor	2 months
36	Rajan Soniya	B.Tech, M.Tech	Asst.Professor	2 months
37	Annamaraju Thanuja	B.Tech, M.Tech	Asst.Professor	2 months
38	Shaik Mahaboob Basha	B.Tech, M.Tech	Asst.Professor	2 months
39	Enagandual Sunil	B.Tech, M.Tech	Asst.Professor	2 months
40	Godisala Rajendra Prasad	B.Tech, M.Tech	Asst.Professor	2 months
41	Muhammad Kalam	B.Tech, M.Tech	Asst.Professor	2 months
42	Bhukya Krishna Nayak	B.Tech, M.Tech	Asst.Professor	2 months
43	Samyuktha C	B.Tech, M.Tech	Asst.Professor	2 months
44	V. Narayani	B.Tech, M.Tech	Asst. Professor	1 month

**Students paper publications in 2016-17**

<b>S. No</b>	<b>Topic</b>	<b>Author</b>	<b>Publication/ Conference</b>
1	An Advanced IR system of Relational Keyword Search Technique	B.Sneha, Anisha Thomas	Paper publication
2	Folder Security Using Graphical Password Authentication Scheme	Aditya Anand, Yada Bhanu Teja	Paper publication
3	Data Structure-The Basic Structure For Programming	Kasha Nikitha, Mohan Sai Priya	Paper publication
4	Multilevel Security and Authentication System	Munipalle Manogna, Kruthi Desai	Paper publication
5	Private Mobile Search Engine Using RSVM Training	Karanam Rohith, Nama Nagaraju, M Harika	Paper publication
6	Privacy Preserving Data Leak Detection for Sensitive Data	Sathya Charmila, Yanna Mounika, Maturi Divya	Paper publication
7	Secure Distributed Deduplication Systems With Improved Reliability	Sathya Charmila, Yanna Mounika, Maturi Divya	National level Conference
8.	An Application of customizable content-based filtering for unwanted messages on OSN walls	Aditya Anand, Yada Bhanu Teja	National level Conference
9	Provable data possession for integrity verification	Munipalle Manogna, Kruthi Desai	National level Conference
10	A Survey : Recommended Techniques Keys-Vale store and Simple Metadata Management for services in Cloud Storage Systems	Ch Sandeep , Bulusu Aravind	National level Conference
11	Using Predicate Logic in Inferences for Common Data	K. Govindaraju	September, 2016 IJRRECS



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received – NO
17. Departmental Projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received - NO.
18. Research Centre / facility recognized by the university – NO
19. Publications:
- Publication per faculty
  - Number of papers published in peer reviewed journals (National / International) by faculty and students.

#### Faculty Paper Publications

Papers published by faculty of CSE Department in the academic year 2014-15 are

S. No	Name of the Staff	Title of the Paper Published	Month/ Year	Journal
1	Mr.V.Krishna	Malware vulnerabilities in Mobile OS: Risk and Exploitation	2014	IJEI
2	Mr.K.Srinivas	Malware vulnerabilities in Mobile OS: Risk and Exploitation	2014	IJEI
		Introduction of Pattern Recognition with various Approaches:	2015	RI
3	Mr.D.Rambabu	1).An Effective Proposal For Severe Exertions Concerning Traffic Overload	June, 2015	IJRRECS
		2).towards strengthening of vibrant resources concerning cloud environment	October, 2014	IJRRECS
4	Mr.Thumma Venu	1).A New Design For Deduce User Search Results With Feedback Sessions	September, 2014	IJCTT
		2).Mining High Dimensional Data Using Attribute Clustering-Based Feature Subset	September, 2014	IJCTT
5	Mr.M. Raghavendra Rao	1).A Secure Framework For Auditing The Data On The Public Cloud	July, 2015	IJATES
6	Mr.J.S.V.R.S. Sastry	1).Vastly Efficient Key Pre Distribution And Authentication Scheme For Wireless Sensor Networks	September, 2014	SSRG-IJCSE
		2).Effective Managing Of Privacy Concerning User Requirements In Web Search	June, 2015	IJRRECS
		Malware vulnerabilities in Mobile OS: Risk and Exploitation	2014	IJEI

S. No	Name of the Staff	Title of the Paper Published	Month/ Year	Journal
7	Mr.Narsimha Banothu	1).A Proposal For Cache Based Methodology And Parallel Precedence Consolidation For Similar Work Loads In Cloud	September, 2014	SSRG-IJCSE
8	Mr.P.Srikanth	1).A Frame Work For Web Image Re-Ranking Based Search Mechanism With Click Prediction	July, 2015	IJATES
9	Mr.G.Venkata Koti Reddy	1).Get Me On The Map If You Can: Secure Local Scepticism Activity	September, 2014	IJCTT
		2).Implementation Of Effective Approach For Accessing Of Data In Cloud System	June,2015	IJRRECS
10	Mr.K.Krishna Reddy	1).Presumable Of Single Sign-On Technique For Distributed Network Systems	September, 2014	IJCTT
11	Mr.Banoth Ravi Kumar	Introduction of Pattern Recognition with various Approaches:	2015	RI
12	Mr.N.Chander	1).Shielding Of Perceptive Labels In Social Network Data Anonymity	October, 2014	IJRRECS
13	Mr.A.Gnanesh	1).A Frame Work For Mining The Functional Events With Mortal Constraints In Materialistic Data	Sep 2014	IJCTT
14	Mr.Bonepalli Uppalaiah	Introduction of Pattern Recognition with various Approaches:	2015	RI
15	Ms.Pannangi Rajyalakshmi	Maintaining Of Efficient Access Cotrol For Secure Data Recovery	June 2015	IJRRECS

**Papers published by faculty of CSE Department in the academic year 2015-16 are**

S. No	Name of the Staff	Title of the Paper Published	Month/ Year	Journal
1	Dr. N. Subhash Chandra	A Real Time Static & Dynamic Hand Gesture Recognition System	2015	IJEI
		Semantic Analysis and Representation of Medical Images using Hybrid Watershed algorithm	2015	IRJES
2	Dr. BMG Prasad	Fingerprint Identification Using Radon Transform	2016	IJEI
		Frequent Temporal Patterns Mining With Relative Intervals	2015	IRJES
		QoS aware multihop based routing strategy for mobile Ad hoc network	2015	IRJES
3	Dr MD Khalid Imam Rahman	Fuzzy Keyword Searches for Multiple PHR Owners in Cloud Computing	2016	IRJES
		A Patient Revocation and Secure Multi-Keyword Search Scheme Over Encrypted PHR	2015	IRJES

S. No	Name of the Staff	Title of the Paper Published	Month/Year	Journal
4	Dr. Rajasekharaiah K M	1. CRSA Crypto system based secure data mining model for business intelligence applications	March, 2016	IEEE-ICEEOT-2016
		2. CRSA Enriched Mining Model for efficient service innovation discovery and redesign in business intelligence applications	April, 2016	Springer ASISA-2016
5	Mr. Y. Rama Krishna	An Efficient Visualization and Segmentation of Lung CT Scan Images for Cancer Detection	2016	IJEI
		Semantic Analysis and Representation of Medical Images using Hybrid Watershed algorithm	2015	IRJES
6	Mr. V .Krishna	1). Cost Assessment And Attainment Of Robust Encryption Architecture For	July 2015	IJATES
		2). Incorporation of DCT and MSVQ to Enhance image Compression Ratio of an image	March 2016	IRJET
7	Mr. Thumma Venu	1) A Real Time Static & Dynamic Hand Gesture Recognition System	2015	IJEI
		2) QoS aware multihop based routing strategy for mobile Ad hoc network	2015	IRJES
8	Mr. Birru Devender	An Efficient Visualization and Segmentation of Lung CT Scan Images for Cancer Detection	2016	IJEI
		Detecting spam zombies by monitoring outgoing messages	2016	IRJES
		Fuzzy Keyword Searches for Multiple PHR Owners in Cloud Computing	2016	IRJES
		Packet Loss Control Using Tokens At The Network Edge	2016	IRJES
		A Patient Revocation and Secure Multi-Keyword Search Scheme Over Encrypted PHR	2015	IRJES
9	Mr. M. Venkat Rao	1).Parallel Centralized And Individual Accessing In Encrypted Cloud Computing	July 2015	IJATES
10	Mr. J.S.V.R.S. Sastry	1).Constructing An Effective And Secure Query Services With Rsa Data Perturbation In The Cloud	July 2015	IJATES
		Fingerprint Identification Using Radon Transform	2016	IJEI
11	Mr. Narsimha Banothu	1).Big-Data: Acid Versus Base For Database Transactios	2016	IEEE
12	Mr. B. Srikanth	1).Privacy Preserving Access Control Protocol In Cloud Computing Based On Shared Authority	July 2015	IJATES
13	Mr. K. Krishna Reddy	1).Blocking Of The Service Attacks With Two Level Process In Social Networks	July 2015	IJATES
14	Mr. Banoth Ravi Kumar	QoS aware multihop based routing strategy for mobile Ad hoc network	2015	IRJES

S. No	Name of the Staff	Title of the Paper Published	Month/Year	Journal
15	Mr. Vadde Veeresh	Fingerprint Identification Using Radon Transform	2016	IJEI
		Frequent Temporal Patterns Mining With Relative Intervals	2015	IRJES
16	Mr. Alk Bilhari	1). Secure Backup Storage Based Process In Clouds	July 2015	IJATES
17	Mr. Bonepalli Uppalaiah	1)Protected Data Collection In Wsn By Filtering The Attacker's Influence	July 2015	IJATES
		An Efficient Visualization and Segmentation of Lung CT Scan Images for Cancer Detection	2016	IJEI
18	Ms. Pannangi Rajyalakshmi	Incorporation of DCT and MSVQ to Enhance image Compression Ratio of an image	March 2016	IRJET
19	Mr. Pannangi Naresh	Incorporation of DCT and MSVQ to Enhance image Compression Ratio of an image	March 2016	IRJET

**Papers published by faculty of CSE Department in the academic year 2016-17 are**

S. No	Name of the Staff	Title of the Paper Published	Month/Year	Journal
1	Dr. N. Subhash Chandra	1. A Comprehensive Creation of Real and Synthetic Sets	September, 2016	IJITR
		2. Vibrant Deployed Client Tracking System for Mesh Nets	September, 2016	IJRRECS
		3. Accumulative Bug Originated System to a Developer	September, 2016	IJITR
2	Dr. BMG Prasad	1. A Healthcare System That Prevents Identity of Patients	September, 2016	IJITR
		2.An Authenticating Strategy by Users Pattern	September, 2016	IJITR
3	Dr. Chaluvadi. V. Raghavendran	1. A Study on Cloud Computing Services	October, 2016	ICACC
		2. A Literature Study of Image Segmentation Techniques for Images	October, 2016	ICACC
4	Dr. Rajasekharaiah K M	1. CRSA Enriched Mining Model for efficient service innovation discovery and redesign in business intelligence applications	April, 2016	Springer ASISA-2016
5	Birru Devender	1. Using Predicate Logic in Inferences for Common Data	September, 2016	IJRRECS
		2. A Review on Reliable De-duplication and Public Auditing in Cloud Storage	February, 2017	AIJREAS
		3. Exposure and Refinement of Unclear Fingerprints	January, 2017	IJRRECS

S. No	Name of the Staff	Title of the Paper Published	Month/Year	Journal
6	V. Krishna	A Contemporary System Using Partial Keys	September, 2016	IJRRECS
7	JSVRS Sastry	Content Space Division Method for Event Matching	September, 2016	IJRRECS
8	Narsimha Banothu	1. Decisive Re-Encryption Strategy for Effectual Attribute Based Approach in the Cloud Computing	February, 2017	IJATES
		2. Investigating Three-Tier Scheme of Evidence in Mischievous Programs	September, 2016	IJITR
9	B. Ravi Kumar	1. Preventing Intermediate Proxies in Accessing Data from Open Nets	September, 2016	IJRRECS
		2. A Generalized evaluation system using two matrices	September, 2016	IJRRECS
		3. Fuzzy-Based Cryptosystem for Revolutionary Open Nets	September, 2016	IJITR
		4. A Semantic Base Stranger Advice System for Social Networks	January, 2017	IJRRECS
10	Korra Srinivas	1. User Created Security Network Process for LBS Permanent	January, 2017	IJRRECS
		2. A Secure Cost-Effectual Genuine and Unknown Information Distribution	January, 2017	IJRRECS
11	T. Venu	1. A User-Specific, Distance-preserving Coordinate Transformations System	September, 2016	IJRRECS
		2. Anonymous Communication Networks with Identity based Sensor Wireless Networks	August, 2016	IJRRECS

### Students paper publications in 2016-17

S. no	Topic	Author	Publication/Conference
1	An Advanced IR system of Relational Keyword Search Technique	B.Sneha, Anisha Thomas	Paper publication
2	Folder Security Using Graphical Password Authentication Scheme	Aditya Anand, Yada Bhanu Teja	Paper publication
3	Data Structure-The Basic Structure For Programming	Kasha Nikitha, Mohan Sai Priya	Paper publication
4	Multilevel Security and Authentication System	Munipalle Manogna, Kruthi Desai	Paper publication
5	Private Mobile Search Engine Using RSVM Training	Karanam Rohith, Nama Nagaraju, M Harika	Paper publication
6	Privacy Preserving Data Leak Detection for Sensitive Data	Sathya Charmila, Yanna Mounika, Maturi Divya	Paper publication

S. no	Topic	Author	Publication/ Conference
7	Secure Distributed Deduplication Systems With Improved Reliability	Sathya Charmila, Yanna Mounika, Maturi Divya	National level Conference
8.	An Application of customizable content-based filtering for unwanted messages on OSN walls	Aditya Anand, Yada Bhanu Teja	National level Conference
9	Provable data possession for integrity verification	Munipalle Manogna, Kruthi Desai	National level Conference
10	A Survey : Recommended Techniques Keys-Vale store and Simple Metadata Management for services in Cloud Storage Systems	Ch Sandeep , Bulusu Aravind	National level Conference
11	A User-Specific, Distance-preserving Coordinate Transformations System	Somireddy Mounendar	September, 2016 IJRRECS
12	Using Predicate Logic in Inferences for Common Data	K. Govindaraju	September, 2016 IJRRECS
13	Content Space Division Method for Event Matching	Somansani Shravani	September, 2016 IJRRECS
14	Vibrant Deployed Client Tracking System for Mesh Nets	Abbadi Sandeep Reddy	September, 2016 IJRRECS
15	A Comprehensive Creation of Real and Synthetic Sets	Moola Shilpa	September, 2016 IJRRECS
16	A Contemporary System Using Partial Keys	Pasla Sravanthi	September, 2016 IJRRECS
17	Accumulative Bug Originated System to a Developer	S. Mounika	September, 2016 IJITR
18	A Review on Reliable De-duplication and Public Auditing in Cloud Storage	Tippanaveni Nagaraju	February, 2017 AIJREAS
19	Exposure and Refinement of Unclear Fingerprints	Shaik Ume Salma	January, 2017 IJRRECS
20	Decisive Re-Encryption Strategy for Effectual Attribute Based Approach in the Cloud Computing	Peddi Tharun Reddy	February, 2017 IJATES
21	Investigating Three-Tier Scheme of Evidence in Mischievous Programs	B. Gopal	September, 2016 IJITR

### Students paper publications in 2015-16

S.No	H.T.NO	Student Name	Year	Event Venue	Awards
1	14C91A0540	K Sowmya Sree	II	Paper presentation, GRIT, Hyderabad	Participated
2	14C95A0501	Akula Sairam	III	Paper presentation, GRIT, Hyderabad	II prize
3	13C91A0525	MNS Anusha	III	Paper presentation, GRIT, Hyderabad	Participated
4	13C91A0505	V.Mahesh	III	Paper presentation, GRIT, Hyderabad	Participated

S.No	H.T.NO	Student Name	Year	Event Venue	Awards
5	12C91A0507	Akula Vamshi	IV	Paper presentation, GRIT ,Hyderabad	Participated
6	12C91A0549	Jakka Mounika	IV	Paper presentation, GRIT ,Hyderabad	Participated
7	12C91A0566	Krithi Desai	IV	Paper presentation, GRIT ,Hyderabad	Participated
8	12C91A0534	D Priyanka	Iv	Paper presentation, Vardhaman COE,Hyd	Participated
9	12C91A0516	B Sneha	IV	Paper presentation, Vardhaman COE,Hyd	Participated
10	12C91A0537	G Devika Rani	IV	Paper presentation, Vardhaman COE,Hyd	Participated
11	12C91A0511	Arun Dixith	IV	Paper presentation, Vardhaman COE,Hyd	Participated
12	12C91A0555	Kamidi Sirisha	IV	Paper presentation, Vardhaman COE,Hyd	Participated
13	12C91A0520	Bala Himabindhu	IV	Paper presentation, Vardhaman COE,Hyd	Participated
14	12C91A0526	Ch.sandeep	IV	Paper presentation, Vardhaman COE,Hyd	Participated
15	13C91A0524	Meenumol	III	ACE Engineering college, Ghatkesar	Participated
16	12C91A0506	Akhila Y	IV	ACE Engineering college, Ghatkesar	Participated
17	13C91A0540	Tiatula T Sangatam	III	ACE Engineering college, Ghatkesar	Participated
18	14C91A0501	Adepu Santosh	II	ACE Engineering college, Ghatkesar	Participated
19	12C91A0599	P Raghava Charry	IV	ACE Engineering college, Ghatkesar	Participated
20	12C91A05A1	Resu Jaggan Reddy	IV	ACE Engineering college, Ghatkesar	Participated
21	12C91A0542	Gogula Vinaya	IV	Poster Presentation at VBIT, Ghatkesar	Participated
22	12C91A0554	K Sai Krishna	IV	Poster Presentation at VBIT	Participated
23	12C91A0570	M. Navya Shree	IV	Poster Presentation at VBIT	Participated
24	12C91A0580	Mohan Sai Priya	IV	Poster Presentation at VBIT	Participated
25	12C91A05A0	RajaBoina Sagar	IV	Poster Presentation at VBIT	Participated
26	13C91A0501	Alva Ramya	III	Poster Presentation at VBIT	Participated
27	13C91A0520	Kumar Shanu	III	Poster Presentation at VBIT	Participated
28	13C91A0541	Vanguru Pavani	III	Poster Presentation at VBIT	Participated
29	12C91A0524	B Susmitha	IV	Birla Institute of Tech & Science, Pillani	Participated
30	12C91A0543	Gottemukkula	IV	Birla Institute of Tech & Science	Participated
31	12C91A0556	K V SSL Manasa	IV	Birla Institute of Tech & Science	Participated
32	12C91A0591	P Meghanath	IV	Birla Institute of Tech & Science	Participated
33	12C91A05A5	SK Fadil	IV	Birla Institute of Tech & Science	Participated
34	12C91A0524	B Susmitha	IV	ASTRA, Hyd	Participated

Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)

- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- h-index

20. Areas of consultancy and income generated – **NO**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards.

S. No.	Name of the faculty	Member in
1.	Dr. N. Subash Chandra	.....
2.	Dr. Chaluvadi. V. Raghavendran	<ol style="list-style-type: none"> <li>1. Member in Universal Association of Computer and Electronics Engineers (UACEE) and the ID is AM1002567.</li> <li>2. Member in International Association of Engineers (IAENG) and the Membership ID is 120083.</li> <li>3. Board Member in Seventh Sense Research Group Journals (SSRGJ) - International Journal of Computer &amp; Organization Trends (IJCOT) and the ID is SSRGJ-IJCOT-13131.</li> <li>4. Board Member in Seventh Sense Research Group Journals (SSRGJ) - International Journal of Computer Science and Engineering (IJCSE) and the ID is SSRGJ-IJCSE-1230.</li> <li>5. Member in Computer Science Teachers Association (CSTA) and the Membership ID is 2238942. 7</li> <li>6. Member in International Association of Computer Science and Information Technology (IACSIT) and the Membership ID is 80344169.</li> <li>7. Member in International Innovative Scientific &amp; Research Organization (IISRO) and the Membership ID is 2012 – 1161.</li> <li>8. Member in International Association of Online Engineers (IAOE) and the ID is 445.</li> </ol>



S. No.	Name of the faculty	Member in
		9. Technical Advisor for all associated journals of Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd. (BEIESP). 10. Reviewer for International Journal of Advanced Computer Science and Applications (IJACSA) of thesai.org.
3.	Dr. Rajasekharaiah K M	1. Editorial Board Member in International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) 2. Editorial Board Member/Reviewer to International Journal of Innovative Research in Computer Science & Technology (IJRCST)

## 22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme **85%**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies **15%**

23. Awards / Recognitions received by faculty and student. **NIL**

## 24. List of eminent academicians and scientists / Visitors to the department

Institutions	Duration	Name of the resource person
ADP Pvt Ltd., Hyderabad	1 day	Mr. Keerthivardhan Naidu Sunkura
CSC, Hyderabad	1 day	Mr. Arun Kumar Jonnalagadda
ADP Pvt Ltd., Hyderabad	1 day	Mr. P. Suryanarayana Raju

## 25. Seminars / Conference / Workshops organized &amp; the source of funding

- a) National
- b) International

**List of Events Conducted in The Academic Year 2016-17**

S. NO	Name of the Event	Resource Person Name	Date	Target Audience
1	HP Testing Tools-IV-37 students	Rajesh (Steinmetz)	11/07/2016 to 20/07/2016 (10 Days)	IV CSE students
2	BigData workshop	Akka Lakshmi	22/09/2016 (one Day)	III & IV CSE students
3	Java	Naveen	26/09/2016 to 02/10/2016 (One Week)	II CSE Students
4	Java	Mallikarjune Prasad	15/12/2016 to 27/12/2016	II CSE Students
5	MTA Training certificate (HTML 5)	Jyothi	30/09/2016 to 04/10/2016	IV CSE Students
6	S/W Development funatica	Jyothi	26/09/2016 to 29/09/2016	IV CSE Students
7	Cloud Computing workShop	Tolok-Microsoft	19/12/2016 to 20/12/2016	IV CSE Students

**List of Events Conducted in The Academic Year 2015-16**

S. No	Name of the Event	Resource Person Name	Date	Target Audience
1	Internet of Things	Pankaj Diwan Hyderabad	11-12-2015 & 12-12-2015	IV CSE
2	Two days Workshop on Networking IT Essentials	Mr. P. Praveen Kumar	19-06-2015& 20-06-2015	II& III CSE
3	Software Development by using Object Oriented Technologies at Industry	Mr Pratap Chilkuri	05-08-2015	IV CSE Students
4	Seminar on Software project Management	Mrs.K.Megha Chandrika	27-08-2015 & 28-08-2015	IV CSE Students
5	Guest Lecture on "Computer Administration"	Mr.T.Hanumantha Reddy	17-09-2015	III CSE Students
6	Two Days Workshop on "Programming for Games, Web & Mobiles"	Peter Walsh & Andrew Laing	25-09-2015 &26-09-2015	IV CSE Students
7	Work shop on "Java & Microsoft Technologies"	Miss.Joythi, Miss.Sravanthi	29-09-2015	IV CSE Students
8	Guest Lecture on "Operating System"	Mr.M.Krishna Rao	05-10-2015	III CSE Students
9	Guest Lecture on "Compiler Design"	Mr.B.Vanshi Krishna	17-10-2015	III CSE Students
10	One day seminar on a journey towards corporate world	Mr Ravi Kumar (TCS)	07-01-2016	II ,III,IV CSE
11	One week Workshop on "Core Java"	Mr.N. Ramkumar	18-01-2016 to 23-01-2016	IV CSE Students
12	Three days Workshop on Microsoft Office Special Training Classes	Ms Sravanthi, Ms Yashaswi	18-01-2016 to 20-01-2016	II CSE Students

S. No	Name of the Event	Resource Person Name	Date	Target Audience
13	One week Workshop on "Oracle"	Mrs Parna Chakraborty	25-01-2016 to 30-01-2016	IV CSE Students
14	Three days Workshop on Advanced Java programming	Mr.N.Ram Kumar	12-02-2016to 14-02-2016	IV CSE Students
15	Six Days Workshop on "Big Bata Analytics"	Dr.M.AkkaLakshmi & Mr.D.Srinivas	15-02-2016 to 22-02-2016	IV CSE Students
16	Guest Lecture on "PHP"	Mr.B.RAYALU	27-02-2016	III CSE Students
17	Guest Lecture on "Multimedia Database"	Mrs.B.Malathi	19-02-2016	IV CSE Students
18	Guest Lecture on "Ad Hoc & Sensor Network"	Mr.N.PRABAKAR	02-03-2016	IV CSE Students
19	Ten Days Workshop on "HP Testing Tools"	Mr.S.Rajesh	14-03-2016 to 23-03-2016	IV CSE Students

### List of Events Conducted in The Academic Year 2014-15

S. No	Name of the Event	Resource Person Name	Date	Target Audience
1	Guest Lecture on "Cloud Computing"	Mr.K.Rajender	03-07-2014	IV CSE Students
2	Guest Lecture on "Data Structures"	Mr.M.Naresh	23-08-2014	II CSE Students
3	Guest Lecture on "Design And Analysis Of Algorithm"	Mr.M.Srinivas Rao	04-09-2014	II CSE Students
4	Guest Lecture on "Formal Languages and Automata Theory"	Mr.Y.V. Subba Rao	13-09-2014	II Students
5	Guest Lecture on "Operating System"	Mr.M.Krishna Rao	13-09-2014	III CSE Students
6	One day Workshop on "Android App Development"	Mr.Shikar Dobbi	20-09-2014	IV CSE Students
7	A Guest Lecture on "Java Script"	Mr.Keshav Vardhaman	12-02-2015	III CSE Students
8	Three days workshop on ". NET"	Mr.Arjun Bodhak	16-03-2015 to 18-03-2015	IV CSE Students
9	Guest Lecture on "Design Pattern"	Mr. Chauhan Rahul	27-03-2015	IV CSE Students

### 26. Student Profile Programme / Course file

S. No	Name of the interdisciplinary Courses	Departments	Application Received	Selected	Enrolled	
1	Engineering Drawing	ME	103	103	M	F
2	Basic Electrical Engineering	EEE	109	118	72	31
3	Principles of Electrical Engineering	EEE	107	118	83	35
4	Digital logic Design	ECE	103	118	83	35

S. No	Name of the interdisciplinary Courses	Departments	Application Received	Selected	Enrolled	
5	VLSI Design	ECE	117	118	83	35
6	Managerial Economics & Financial Analysis	MBA	117	118	83	35
7	Microprocessor and Interfacing	ECE	117	118	83	35

27. Diversity of Students

Name of the course	% of students from the same state	% of students from the other state	% of students from abroad
B. Tech	88%	10%	2%
M. Tech	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, CIVIL Services Defense services etc.?

S.No	Exam appeared	No. of students qualified
1	GATE	02
2	PGECET/SLET	16

29. Student Progression

Student Progression	Against % enrolled
UG to PG	40%
PG to M. Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Post-Doctoral NIL	
Employed	
• Campus selection	51%
• Other than campus recruitment	NIL

30. Details of Infrastructural facilities

a) Library

Library Area	:	1000 sq.mts
Reading Hall	:	708 sq.mts
Stocking Area	:	292 sq.mts
Total	:	1000 sq.mts
Seating capacity	:	350

b) No. Of books : 43334  
 No. Of titles : 8071

S.No	Dept	No. of Titles	No. of volumes	No. of national journals	No. of international Journals
1	CSE	946	7665	12	6

No of periodicals : 354  
 c) National : 148  
 d) International : Through SONET 288+63 IEEE  
 4) Library facilities:  
 a) Book calculation service : YES  
 b) Book reservation facility : NO  
 c) Periodic subscription : 354  
 d) Reference service : YES  
 e) New Arrival display : YES  
 f) Photo copying facility : YES  
 g) Current awareness service to staff members : YES  
 h) Internet facility with 20 systems : YES

b) Internet facilities for Staff & Students

- 1) BSNL BROAD BAND-10 Mbps speed (2 connections)=20 Mbps
- 2) VAINAVI Industries Limited – 40 Mbps

**Details of Infrastructural facilities:**

Description of classrooms, faculty rooms, seminar, and conference halls:  
 (Entries in the following table are sampler entries)

Room Description	Usage	Shared/ Exclusive	Capacity/ Area in Sq mt	Rooms Equipped with PC, Internet, Book rack, meeting space...
258	Class room for 1 <sup>st</sup> year "A" Section	Exclusive	66/75.82 sqmt	Students benches, Blackboard, Chalks & Dusters, Fans & Lights
259	Class room for 1 <sup>st</sup> year "B" Section	Exclusive	66/91.49 sqmt	Students benches, Blackboard, Chalks & Dusters, Fans & Lights
127	Class room for 2 <sup>nd</sup> year "A" Section	Exclusive	66/84.75sqmt	Students benches, Blackboard, Chalks & Dusters, Fans & Lights

Room Description	Usage	Shared/ Exclusive	Capacity/ Area in Sq mt	Rooms Equipped with PC, Internet, Book rack, meeting space...
128	Class room for 2 <sup>nd</sup> year "B" Section	Exclusive	66/84.75sqmt	Students benches, Blackboard, Chalks & Dusters, Fans & Lights
129	Class room for 3 <sup>rd</sup> year "A" Section	Exclusive	66/75.82sqmt	Students benches, Blackboard, Chalks & Dusters, Fans & Lights
130	Class room for 3 <sup>rd</sup> year "B" Section	Exclusive	66/91.49sqmt	Students benches, Blackboard, Chalks & Dusters, Fans & Lights
339	Class room for 4 <sup>th</sup> year "A" Section	Exclusive	66/91.57 sqmt	Students benches, Blackboard, Chalks & Dusters, Fans & Lights
340	Class room for 4 <sup>th</sup> year "B" Section	Exclusive	66/91.76 sqmt	Students benches, Blackboard, Chalks & Dusters, Fans & Lights
131	Seminar hall (CSE DEPT)	Exclusive	66/91.49sqm	Fans & Lights, Chairs, table
132	HOD & Staff Cabin	Exclusive	7/49.9sqm	Cabins
337	Tutorial Class Room	Exclusive	69/96.86sqm	Students benches, Green board, Chalks & Dusters, Fans & Lights
338	Counseling Room	Exclusive	67/84.54sqm	Chair, Table

### 30.1 Classrooms in the Department (30)

#### 30.1.1 Adequate number of rooms for lectures (core/electives), seminars, tutorials, etc., for the program (10)



- There are 8 exclusive class rooms for 1st to 4th year to accommodate the professional core and elective courses.
- Every class room is display the time table.
- There is a seminar hall accommodating 120 students with necessary multimedia
- Item such as LCD projector.
- There is a two Tutorial rooms

30.1.2 Teaching aids---multimedia projectors, etc. (15)

- All The Classroom Are Equipped With Teaching Aids Like Black Boards, Students Setting Benches, Fans, Lights.
- Department has Two LCD projector along with laptop to deliver video clips and PowerPoint presentation in all the class based on need
- Real time demonstration on industry tour with faculty.
- Display charts are available in labs for better demonstration of concepts.

30.1.3 Acoustics, classroom size, conditions of chairs/benches, air circulation, lighting, exits, ambience, and such other amenities/facilities (5)

- Good Class rooms are provided for excellent audible environment.
- Spacious class rooms are provided for students for better seating and acoustic audible.
- All the classrooms are equipped with required amenities like sufficient lighting, Fans, benches and Ventilators.
- The college is free from pollution and traffic.
- Each class is provided with doors for entry/exit and windows for proper ventilation.
- All the class rooms are provided with wooden benches with a maximum capacity of three persons each.

30.2 Faculty Rooms in the Department (20)

30.2.1 Availability of individual faculty rooms (5)





- Department Consist of one staff room along with one HOD cabin.
  - HOD cabin is equipped with LAPTOP and PC with internet, printer and UPS, table, chairs.
  - Department staff room is equipped with tube lights, cup-boards, closed rack and book racks.
  - All faculty members of the department are provided with seating arrangement in the staff room and they have provision to keep their belongings.
  - Staff room is enabled with Wifi facility.
- 30.2.2 Room equipped with white/black board, Computer, Internet, and such other amenities/facilities (10)
- Faculty room is provided with book rack, Laptops with Internet and Wifi facility.
  - Extra chairs for visitors, interaction with other faculty/student, counseling the students.
- 30.2.3 Usage of room for counseling/discussion with students (5)





- Counseling room is used for counseling the students.
- In addition to the faculty class rooms, Labs, seminar hall are used for discussion and counseling the students.
- Extra chairs are available to students for counseling.
- Black board is also available for discussion.

### 30.3 Laboratories in the Department to meet the Curriculum Requirements and the POs (60)

Lab Description in the Curriculum	Exclusive use/ Shared	Space, Number of students	Number of Experiments	Qualify of Instruments	LabManuals
Computer Programming Lab (246)	Exclusive	2104.98 sqmt,60	17	DELL OPTILEX330MHZ, Intel Pentium Dual Core,160 GB HDD, 1GB RAM,17" LED Monitor (51)Zebronics, Intel Pentium Core 2 Duo, 2 GB RAM, 160 GB HDD17" LED Monitor (08)Mercury, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD,17" LED Monitor (01)	Available
Java Programming Lab, Operating Systems Lab,Compiler Design Lab(248)	Exclusive	104.98 sqmt 60	18+8+6=32	DELL OPTILEX330MHZ, Intel Pentium Dual Core,160 GB HDD, 1GB RAM,17" LED Monitor (45)Zebronics, Intel Core 2 Duo, 2 GB RAM, 160 GB HDD17" LED Monitor (05)Mercury, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD,17" LED Monitor (08)HP, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD17" LED Monitor (01)TrentSonic, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD,17" LED Monitor (01)	Available
Computer Center (249)	Exclusive	235.78 sqm,134	---	HP Thin Client,LED Monitor (150)HP Server, Intel XEON, 4GB RAM, 146 GB x3 HDD (02)	Available
Data Structure Lab,Data Base Management System Lab, Case Tools AndWeb Technologies Lab(251)	Exclusive	104.98 sqm,60	14+8+15=37	Zebronics, Intel Core 2 Duo, 2 GB RAM, 160 GB HDD,17" Monitor, Keyboard, Optical Mouse (54)Mercury, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD,17" LED Monitor (05)DELL OPTILEX330MHZ, Intel Pentium Dual Core,160 GB HDD, 1GB RAM,17" LED Monitor (01)	Available

Lab Description in the Curriculum	Exclusive use/ Shared	Space, Number of students	Number of Experiments	Qualify of Instruments	Lab Manuals
English Language Communication Skills(252)	Exclusive	104.98 sqmt, 60	15	ACER-Intel Core i3-2120 CPU @ 3.50 MHz, 2 GB RAM, Acer LCD 18.5" Monitor, Keyboard, Optical mouse and Headphone, 500 GB Hard Disk (47)Zebronics, Processor Intel Core 2, 2 GB Ram,160 GB HDD,17" LCD Monitor, Keyboard, Optical Mouse (13)	Available
Advanced English Communication Skills(136)	Exclusive	68.11 sqmt,60	11	Zebronics, Processor Intel Core 2, 2 GB RAM,160 GB HDD,17" LCD Monitor, Keyboard, Optical Mouse (60)	Available
DWDM Lab(137)	Exclusive	68.11 sqmt,60	8	IBM-Intel Pentium 2.66 GHz, 2 GB RAM, 80 GB HDD, LCD Monitor, Keyboard, Optical mouse (26)Mercury, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD,17" LED Monitor (03)Zebronics, Processor Intel Core 2, 2 GB Ram,160 GB HDD,17" LCD Monitor, Keyboard, Optical Mouse (01)	Available
IT Work shop Lab (138)	Exclusive	68.11 sqmt,60		HP, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD17" LCD Monitor (06) Mercury, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD,17" LED Monitor (03)Zebronics, Processor Intel Core 2, 2 GB Ram,160 GB HDD,17" LCD Monitor, Keyboard, Optical Mouse (05)	Available
Office Tools Lab-1 (201)	Exclusive	66 sqmt,30	35	ACER CORE I3 2 <sup>nd</sup> Generation, 2GB RAM,500GB HDD, 18.5" LED Monitor, Keyboard, Optical Mouse (20)	Available
Office Tools Lab-2 (202)	Exclusive	66 sqmt,30	35	ACER CORE I3 2 <sup>nd</sup> Generation, 2GB RAM,500GB HDD, 18.5" LED MONITOR, Keyboard, Optical Mouse (14)Zebronics, Intel Core 2 Duo, 2 GB RAM, 160 GB HDD, Keyboard, Optical Mouse (06)	Available

Lab Description in the Curriculum	Exclusive use/ Shared	Space, Number of students	Number of Experiments	Qualify of Instruments	Lab Manuals
Data Structures and Algorithms Lab M.Tech (CSE)(326)	Exclusive			Mercury, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD, 17" LED Monitor (26) Zebronic, Intel Core 2 Duo, 2 GB RAM, 160 GB HDD, Keyboard, Optical Mouse (04)	Available
Network Security Lab M.Tech (CN&IS)(327)	Exclusive		27	Mercury, Intel Pentium Dual Core, 1 GB RAM, 160 GB HDD, 17" LED Monitor (18) ACER CORE I3 2 <sup>nd</sup> Generation, 2GB RAM, 500GB HDD, 18.5" LED Monitor, Keyboard, Optical Mouse (08) Zebronic, Intel Core 2 Duo, 2 GB RAM, 160 GB HDD, Keyboard, Optical Mouse (04)	Available

31. Number of Students receiving financial assistance from college, university, government or other agencies.

Category	A. Y.	2016-17	2015-16	2014-15	2013-2014
SC		31	41	48	1
ST		5	6	13	8
BC		90	108	137	25
EBC		40	59	64	15
MI		9	8	13	0

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Events	Topic	Date	Resource Person	Students Attended
<b>2015-16</b>				
Guest Lecture	Weka Tool	26-10-2015 to 27-10-2015	Mr. Sravan Kumar Reddy	III YEAR CSE
Guest Lecture	Importance of Testing in SDLC and various kinds of testing	07-03-2016 to 08-03-2016	Mr. Rajesh Kaluri	IV YEAR CSE

33. Teaching methods adopted to improve student learning

Following teaching aids are adopted to deliver the content:

1. Chalk & Talk
2. Learning by doing
3. OHP/LCD Projector
4. Internet
5. E-tutorials
6. Role Play
7. Models/ charts
8. Group Tasks
9. Q&A

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

**Extra Curricular Activities:**

It is a well known fact that poetry is a language of emotion and prose is language of an intellectual and life is an art. Amalgamating the above mentioned three qualities and making this planet a better place to live in, we have adopted Bogaram village and donated books to poor students. We educated local villagers to pray to Lord Ganesh eco friendly idols made of clay. Charity begins at home and keeping in tune the above proverb we raised funds from students and utilized the amount collected towards purchasing of toys and handed over to an orphanage. Every human being is a perfection of lord which means there is presence of lord in every mortal. So, serving every human being is serving lord. Every drop of blood is precious we transformed this idea and arranged blood donation camps.

To conduct extracurricular activities we have, Environmental Club and Fine arts and Cultural Club.

**Environmental club:**

Environmental club was formed in the college in the year 2009. The club members are taking care of ambience, green cover, water conservation and environment preservation in the campus. The club motto is “Holy Peace & Holy Green (HPHG)”. We educated students and staff to pray to Lord Ganesh eco friendly idols made of clay.

The members of the committee are:

S.No.	Name & Designation	Position
1	Mr. Y. Ramakrishna , Associate Professor	Chairman
2	Mr. S. Vinayak, Asst.Professor	Member. Convener
3	Dr.J.Raju , Associate, Professor	Member

#### **Academic Year 2016-17**

1. Plantation of tress “HARITHA HARM” is conducted in the campus by faculty members and students.
2. “Batukamma Festival” is celebrated in the campus.
3. “Peace Day” is celebrated in the campus on 25<sup>th</sup> January by students and faculty members.

#### **Academic Year 2015-16**

1. In the college campus “BLOOD DONATION” Camp conducted in association with Lions Club of Hyderabad and blood donated by Faculty members and students.
2. Plantation of tress “HARITHA HARM” done by faculty members and students in the campus.
3. In the college campus is conducted “RANGOLI COMPETITION (Sankranti Festival)”
4. Women’s day celebrations are organized by conducting “Cultural Events, Musical Chair, Games and Entertainment” programs for women.

#### **Academic Year 2014-15**

1. The Principal, Staff and the Students of HITS College participating ”SWATCHH BHARATH” cleaning up the college premises accepting the call from the Honorable Prime Minister of India
2. In the college campus “BLOOD DONATION” Camp conducted with Lions Club of Hyderabad and blood donated by Faculties and Students.

35. SWOT analysis of the department and Future plans

<b>STRENGTHS</b>	<ol style="list-style-type: none"> <li>1. Department is having 6 Ph.D holders.</li> <li>2. Department is well equipped with latest systems and software's.</li> <li>3. Qualified and well experienced faculty are available.</li> <li>4. WiFi enabled campus.</li> <li>5. Department encourages students to participate in Extracurricular activities, NCC and NSS.</li> <li>6. Departmental library is there to expose the knowledge of the students.</li> </ol>
<b>WEAKNESS</b>	<ol style="list-style-type: none"> <li>1. Student pass percentage is to be improved.</li> <li>2. Use of ICT is to be improved.</li> </ol>
<b>OPPORTUNITIES</b>	<ol style="list-style-type: none"> <li>1. As college is located very near to the IT Hub and industrial area, it should tap all opportunities for the employability of the students.</li> <li>2. As more Ph.D holders are there students can take their guidance to publish good quality work.</li> <li>3. Department organizes placements through on, off and pool campus interviews.</li> <li>4. Students are motivated towards competitive examinations like GATE, GRE, TOFEL, PGECET</li> </ol>
<b>THREATS</b>	<p>More number of engineering colleges with large Intake.</p>

## EVALUATIVE REPORT OF CIVIL ENGINEERING DEPARTMENT

The Self-Evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department: **CIVIL ENGINEERING**

2. Year of Establishment: **2011**

3. Names of Programmes / Courses offered (UG, PG, etc.)

**UG: B. TECH (CIVIL ENGINEERING)**

**PG: M. TECH (HIGHWAY ENGINEERING)**

4. Names of Interdisciplinary courses and the departments/units involved

S. No.	Name of the Interdisciplinary courses	Departments
1.	BEE	EEE
2.	MEFA	MBA

5. Annual/ semester/choice based credit system (Programme wise)

S. No	Semester/annual (Programme)	Credit system
1.	B. Tech	Choice based
2.	M. Tech	Semester

6. Participation of the department in the courses offered by other departments

S. No	NAME OF THE COURSE	DEPARTMENT
1	Fluid Mechanics & Hydraulic Mechanics	Mechanical Engineering
2	Strength of Materials	Mechanical Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, etc. **NIL**

8. Details of Courses/Programmes discontinued (if any) with reasons **NIL**

9. Number of Teaching posts

S. No.	Position	Sanctioned	Filled
1.	Professors	3	3
2.	Associate Professors	0	0
3.	Asst. Professors	34	34

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	Experience in Years
1	Dr. K. Siva Ramakrishna	Ph.D.	Professor	Geotechnical Engg.	20
2	Dr. Jr Julius	Ph.D.	Professor	Structures	24
3	Dr. Manvendra Singh Chauhan	Ph.D.	Professor	Water Resources Engg.	6
4	Ms. Meruga Shiva Parvathi	M. Tech.	Assistant Professor	Transportation Engg.	6 months
5	Mr. Mudigonda Harish Kumar	M. Tech.	Assistant Professor	Highway Engg.	1
6	Mr. Shaik Jilani	M. Tech.	Assistant Professor	Structures	1
7	Mr. Jalasri Venugopal Rao	M. Tech.	Assistant Professor	Structures	1
8	Ms. Kola Chandana	M. Tech.	Assistant Professor	Transportation Engg.	1
9	Mr. Nalla Ramesh Kumar	M. Tech.	Assistant Professor	Structures	6 months
10	Mr. S. Vinayak	M. Tech.	Assistant Professor	Environmental Engg.	6 months
11	Mr. C.M. Indhudar	M. Tech.	Assistant Professor	Structures	6 months
12	Mr. A. Basavaraj	M. Tech.	Assistant Professor	Highway Engg.	6 months
13	Mr. D Manikanta	M. Tech.	Assistant Professor	Structures	6 months
14	Mr. B. Ashish	M. Tech.	Assistant Professor	Highway Engg.	6 months
15	Ms. P Madhavi	M. Tech.	Assistant Professor	Structures	6 months



S. No.	Name	Qualification	Designation	Specialization	Experience in Years
16	Mr. M. Fayaz	M. Tech.	Assistant Professor	Structures	6 months
17	Ms. K. Naga Purnima	M. Tech.	Assistant Professor	Highway Engg.	6 months
18	Ms. J. Vineela Raji	M. Tech.	Assistant Professor	Highway Engg.	6 months
19	Mr. A. Naga Raju	M. Tech.	Assistant Professor	Highway Engg.	6 months
20	Mr. Md. Shameer	M. Tech.	Assistant Professor	Structures	6 months
21	Mr. Danaboina. Pavan Kumar	M. Tech.	Assistant Professor	Transportation Engg	6 months
22	Mr. G. Surya Prakash Reddy	M. Tech.	Assistant Professor	Highway Engg.	6 months
23	Mr. Duggi. Pavan Kumar	M. Tech.	Assistant Professor	Highway Engg.	6 months
24	Mr. Ch Siva Prasad	M. Tech.	Assistant Professor	Structures	1 month
25	Mr. A. Kasaiah	M. Tech.	Assistant Professor	Structures	1 month
26	Mr. M. Balu Kumar	M. Tech.	Assistant Professor	Highway Engg.	6 months
27	Mr. N.P Bharagava Ram	M. Tech.	Assistant Professor	Geotechnical Engg	6 months
28	Ms. G. Pushpalatha	M. Tech.	Assistant Professor	Structures	6 months
29	Mr. K. Prakash	M. Tech.	Assistant Professor	Transportation Engg	6 months
30	Mr. J. Anil Kumar	M. Tech.	Assistant Professor	Transportation Engg	6 months
31	Mr. K.V Subbaiah	M. Tech.	Assistant Professor	Highway Engg.	6 months
32	Ms. L. Somanna	M. Tech.	Assistant Professor	Structures	6 months
33	Mr. B. Pavan Kumar	M. Tech.	Assistant Professor	Structures	6 months
34	S. Rahajika	M. Tech.	Assistant Professor	Construction Management	6 months
35	Praveen Bhooshan	M. Tech.	Assistant Professor	Structures	6 months
36	K. Makatlal	M. Tech.	Assistant Professor	Highway Engg.	6 months
37	Tumu Venkateswara Reddy	M. Tech.	Assistant Professor	Structures	6 months

11. List of senior visiting faculty: 0

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty : **NIL**

13. Student -Teacher Ratio (Programme wise)  
**B.Tech. 1:15, M. Tech. 1:12**

14. Number of academic support staff (Technical) and administrative staff; sanctioned and filled

S. No	SANCTIONED	FILLED
1	3	3

15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / MPhil/PG.

S. No.	Name	Qualification	Designation
1	Dr. K. Siva Ramakrishna	Ph.D.	Professor
2	Dr. Jr Julius	Ph.D.	Professor
3	Dr. Manvendra Singh Chauhan	Ph.D.	Professor
4	Ms. Meruga Shiva Parvathi	M. Tech.	Assistant Professor
5	Mr. Mudigonda Harish Kumar	M. Tech.	Assistant Professor
6	Mr. Shaik Jilani	M. Tech.	Assistant Professor
7	Mr. Jalasri Venugopal Rao	M. Tech.	Assistant Professor
8	Ms. Kola Chandana	M. Tech.	Assistant Professor
9	Mr. Nalla Ramesh Kumar	M. Tech.	Assistant Professor
10	Mr. S. Vinayak	M. Tech.	Assistant Professor
11	Mr. C.M. Indhudar	M. Tech.	Assistant Professor
12	Mr. A. Basavaraj	M. Tech.	Assistant Professor
13	Mr. D Manikanta	M. Tech.	Assistant Professor
14	Mr. B. Ashish	M. Tech.	Assistant Professor
15	Ms. P Madhavi	M. Tech.	Assistant Professor
16	Mr. M. Fayaz	M. Tech.	Assistant Professor
17	Ms. K. Naga Purnima	M. Tech.	Assistant Professor
18	Ms. J. Vineela Raji	M. Tech.	Assistant Professor
19	Mr. A. Naga Raju	M. Tech.	Assistant Professor

<b>S. No.</b>	<b>Name</b>	<b>Qualification</b>	<b>Designation</b>
20	Mr. Md. Shameer	M. Tech.	Assistant Professor
21	Mr. Danaboina. Pavan Kumar	M. Tech.	Assistant Professor
22	Mr. G. Surya Prakash Reddy	M. Tech.	Assistant Professor
23	Mr. Duggi. Pavan Kumar	M. Tech.	Assistant Professor
24	Mr. Ch Siva Prasad	M. Tech.	Assistant Professor
25	Mr. A. Kasaiah	M. Tech.	Assistant Professor
26	Mr. M. Balu Kumar	M. Tech.	Assistant Professor
27	Mr. N.P Bharagava Ram	M. Tech.	Assistant Professor
28	Ms. G. Pushpalatha	M. Tech.	Assistant Professor
29	Mr. K. Prakash	M. Tech.	Assistant Professor
30	Mr. J. Anil Kumar	M. Tech.	Assistant Professor
31	Mr. K.V Subbaiah	M. Tech.	Assistant Professor
32	Ms. L. Somanna	M. Tech.	Assistant Professor
33	Mr. B. Pavan Kumar	M. Tech.	Assistant Professor
34	S. Rahajika	M. Tech.	Assistant Professor
35	Praveen Bhooshan	M. Tech.	Assistant Professor
36	K. Makatlal	M. Tech.	Assistant Professor
37	Tumu Venkateswara Reddy	M. Tech.	Assistant Professor

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : **NIL**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**

18. Research Centre /facility recognized by the University: **NIL**

19. Publications- List of Publication

Sr. No.	Name of Faculty	Paper/Chapter Title/Conference	Journal/Book Name/Conference Name	Status
1	Dr. M. S. Chauhan	Spatial distribution of the suspended sediments in river Ganga at Varanasi U.P. (India)	International Journal of Earth Sciences & Engineering –IJEE (0974-5904)	Accepted
2	Dr. M. S. Chauhan	Stochasticity in Stresses Variation in Tubular Steel Buildings	International Journal of Earth Sciences & Engineering –IJEE (0974-5904)	Accepted
3	Dr. M. S. Chauhan	Modelling of discharge distribution in bend of Ganga River at Varanasi	Computational Water, Energy, & Environmental Engineering	Published
4	Dr. M. S. Chauhan	Comparison of Discharge Data Using ADCP and Current Meter	International Journal of Advances in Earth Sciences	Published
5	Dr. M. S. Chauhan	Modelling And Quantifying Water Use Efficiency For Irrigation Project And Water Supply At Large Scale	International Journal of Advanced Scientific and Technical Research	Published
6	Dr. M. S. Chauhan	Hydrological planning of watershed of rgsc, mirzapur, u.p, using gis techniques	Water Sci., Tech. Library, Vol 84, : Development of Water Resources in India, 978-3-319-55124-1	Accepted
7	Dr. M. S. Chauhan	Rainfall and temperature trends in Varanasi, Uttar Pradesh” Eco Summit 2016 Ecological Sustainability	(ECOS2016@elsevier.com) Organised by Elsevier in France	Accepted & Presented
8	Dr. M. S. Chauhan	Prioritization of micro-watersheds using geo informatics techniques” Eco Summit 2016 Ecological Sustainability	(ECOS2016@elsevier.com) Organised by Elsevier in France	Accepted & Presented
9	Dr. M. S. Chauhan	Effect of bridge pier’s shape on scouring	RACE-2011, IIT- (BHU)	Published
10	Dr. M. S. Chauhan	Overview on Sediment Issues	WRHP organized by UPES Dehradun	Published
11	Dr. M. S. Chauhan	Travel time study for different open channels	Journal of the Geological Society of India (0016-7622)	Communicated
12	Dr. M. S. Chauhan	Identification of groundwater prospective zone by weighted overlay in remote sensing and gis of varuna watershed	International Journal of Earth Sciences & Engineering –IJEE (0974-5904)	Communicated

20. Areas of consultancy and income generated NIL

21. Faculty as members in

- a) National committees b) International Committees c) Editorial Boards  
d) Professional Bodies

S. No.	Name of the faculty member	Name of the Professional body	Year
1.	Dr. M. S. Chauhan	Member (Membership no. M1561019) of The Institution of Engineers (India)	2016
2.	Dr. M. S. Chauhan	Life member of IAH (Indian Association of Hydrologists) Membership no. – LM-1770	2013
3.	Dr. M. S. Chauhan	Life Member of Indian Water Resources Society (IWRS) Membership no. – LM-13-7424	2013
4.	B. Naga mani	Life Member of ICE REF NO:73860068	2014
5.	P. Madhavi	Life Member of ICE REF NO:73789549	2014

## 22. Student projects

- a) Percentage of students who have done in-house projects including inter Departmental/Programme.: **0%**  
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **100%**

## 23. Awards/ Recognitions received by faculty and students

Particulars of the students Achievements in Paper Presentations/Workshops/Symposiums/Tech. fest With Awards							
S. No	A.Y.	Topic Name/ Event	Student Name(S)	Year	Event & Venue	Date (S)	Awards
1.	2016-17	Sports Bout-2K16	G.Srushty	IV-II	CVSR	22-25 Dec	IIInd Position
2.	2016-17	Sports Bout-2K16	Sumo T.,Imtichubachang and Zarine	IV-II	CVSR	22-25 Dec	IIInd Position
3.	2015-16	ABVP Interstate volleyball Championship	G.Srushty	III-I	VBIT	12-14 Aug	IIInd Position
4.	2015-16	Aurora Sports Meet 2K16	G.Srushty	III-I	Aurora Bhongiri	9-13 Sept	1st position
5.	2015-16	JNTUH, Zonal D Championship	Sumo T.,Imtichubachang and Zarine	III-II	NNRG	9-11 Jan	1st position
6.	2015-16	JNTUH, Central Zone Championship	Sumo T.,Imtichubachang and Zarine	III-II	VBIT	21-25 Jan	1st position

Particulars of the students Achievements in Paper Presentations/Workshops/Symposiums/Tech. fest With Awards							
S. No	A.Y.	Topic Name/ Event	Student Name(S)	Year	Event & Venue	Date (S)	Awards
7.	2014-15	Aurora Sports Meet 2K15	G.Srushty	II-II	Aurora Bhongiri	18-20 Jan	IIInd Position
8.	2014-15	Aurora Sports Meet 2K15	Sumo T.,Imtichubachang and Zarine	II-II	Aurora Bhongiri	18-20 Jan	IIInd Position
9.	2014-15	Elysium 2K15	G.Srushty	II-II	HITS-COE	24-28 Feb	1st position
10.	2014-15	Elysium 2K15	Sumo T.,Imtichubachang and Zarine	II-II	HITS-COE	24-28 Feb	IIInd Position
11.	2014 - 15	Sports Bout-2k14	Bonkke Prudvilal (12C91A0117)	III - I	Sports, Anurag Group of Institutions	17th- 18th Oct' 2014	1st position
12.	2014 - 15	Sports Bout-2k14	Ch.Prudvi(12C91A0122)	III - I	Sports, Anurag Group of Institutions	17th- 18th Oct' 2014	1st position
13.	2014 - 15	Sports Bout-2k14	Chuba Chang (13C91A0137)	II-I	Sports, Anurag Group of Institutions	17th- 18th Oct' 2014	1st position
14.	2014 - 15	Sports Bout-2k14	Zarenthunj Tungoe (13C91A0180)	II-I	Sports, Anurag Group of Institutions	17th- 18th Oct' 2014	1st position

24. List of eminent academicians and scientists/visitors to the department: **NIL**

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National – **NIL**
- b) International- **NIL**

26. Student profile Programme/Course wise

\* M = Male      F = Female

S. No	Name of the Interdisciplinary courses	Dept.	Applications received	Selected	Enrolled M    F	Pass percentage
1.	BEE	EEE	105	105	101   4	75%
2.	MEFA	MBA	105	105	101   4	75%

## 27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.TECH	70	30	0
M. TECH	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? –**NA**

29. Student progression -**NA**

## 30. Details of Infrastructural facilities

- Library: **The departmental library has Text books, Project reports: 127**
- Internet facilities for Staff & Students: **Yes (4 systems with 40Mbps)**
- Class rooms with ICT facility
  - Total no. of class rooms: 6 UG Class rooms  
1 PG Class rooms
- Laboratories : **10 Labs**

The Department is having 10 well equipped physical laboratories to execute the various UG & PG Experiments. The Following are the description of laboratories

S. No	Equipment		
	Lab	Name	Make
1,2	Survey Lab-I, & Survey Lab-II	Measuring Chains 30mtrs IS Type	Aravind Engg. Company
		150 Links 30 Meters Long	Aravind Engg. Company
		100 Links 20 Meters Long	Aravind Engg. Company
		Arrows	Aravind Engg. Company
		Ranging Rod Made Of 1" Dia. M.S. Hollow Pipe Fitted With Pointed Shoe And Painted In Three Colors	Aravind Engg. Company
		Size : 2 Meters	Aravind Engg. Company
		3 Meters	Aravind Engg. Company
		Cross Staff , Wooden Head With M.S. Rod	Aravind Engg. Company
		Tape	Aravind Engg. Company

S. No	Equipment		
	Lab	Name	Make
		Surveyor's & Prismatic Compass:	Aravind Engg. Company (Aker)
		Automatic Leveling Instruments 24x Magnification With Erect Image, Resolving Power 4.0	1)ZAL 124 2) Aravind engineering
		Leveling Staves Made Of Aluminum Telescopic Type In Four Folds Size 4mtr 3 Fold	Aravind Engg. Company
		Optical Square	Aravind Engg. Company
		Line Ranger	Aravind Engg. Company
		Box Sextant	Aravind Engg. Company
		Planimeter	Aravind Engg. Company
		Prism Square	Aravind Engg. Company
		Trough Compass	Aravind Engg. Company
		Vernier Theodolite	A k 12
		Total Station	1)NTS 352 2)ZIPP 10R PRO
		Tachometer	Aravind Engg. Company
3	Geotechnical Engineering Lab	Atterberg Liquid Limit Device With Casa Granda Tools Hand Operated With Counter As Per Is: 2720 (Part-V).	Aravind Engg. Company
		Plastic Limit Set As Per Is: 2720 (Part-Vii) Contains Glass Plate, Brass Rod, Flexible Spatula, Moisture Containers, Porcelain Dish.	Aravind Engg. Company
		Shrinkage Limit Set As Per is: 2720 (Part-Vii) Complete With All Accessories Without Mercury.	Aravind Engg. Company
		Core Cutter Apparatus: Consists Of Cylindrical Core Cutter Made Of Steel 127.3mm Long And 100mm Internal Diameter, Steel Dolly And Rammer.	Aravind Engg. Company
		Sand Pouring Cylinder (Sand Replacement Method) As Per Is: 2720 (Part Xxviii) 100mm Dia. Consists Of Cylinder Calibrating Container, Metal Tray With 100mm Dia. Hole In The Centre.	Aravind Engg. Company
		Hydrometer Range 0.995 To 1	Aravind Engg. Company
		<b>Proctor Compaction Apparatus:</b> As Per Is-2720 Part-Vii. Consists Of Proctor Mould 100mm Diameter X 127.3mm Height X 1000cc Volume, Complete With Base Plate & Collar, Made Of Steel. A Rammer 2.6kg X 310mm Controlled Fall Through A Guide Tube For <b>Light Compaction</b>	Aravind Engg. Company
		Unconfined Compression Test Apparatus Proving Ring Type Hand Operated With Proving Ring & Dial Gauge	Aravind Engg. Company



S. No	Equipment		
	Lab	Name	Make
		Sieve Shaker Suitable For 30cm Dia. Sieve With 1 Hp. Motor	Aravind Engg. Company
		Moisture Cans	Aravind Engg. Company
		Electronic Balance of 750 Gm Capacity With 0.1gm Least Count	
		Measuring Jar Made of Borosil Glass 1000ml 100ml	Aravind Engg. Company
		Trowels	Aravind Engg. Company
		CBR Testing Machine	APTEC
		Tri Axial Testing Machine	Dinesh Scientific
		Direct Shear	Aptec
		Vane Shear	Aptec
		Oven	Aptec
		Consolidation Test	Aptec
		Soil Permeability Apparatus	Aptec
		4	Environmental Engineering Lab
Turbidity Meter ,Make :Infra instruments Pvt. Ltd	SP Fine Chemicals		
Digital Conductivity Meter Model No-Ir 503,Make :Infra instruments Pvt. Ltd	SP Fine Chemicals		
Titration Set Up	SP Fine Chemicals		
PIPETTE 10ml	SP Fine Chemicals		
PIPETTE 5ml	SP Fine Chemicals		
Measuring Cylinders(Plastic)	SP Fine Chemicals		
Reagent Bottles ,W/M Cap 125ml,Bososilicate Glass	SP Fine Chemicals		
Reagent Bottles ,W/M Cap 250 MI ,Borosilicate Glass	SP Fine Chemicals		
Filter Papers	SP Fine Chemicals		
Stirring Rod	SP Fine Chemicals		
Test Tubes With Rim 15x125 Mm Glass	SP Fine Chemicals		
Distilled Water Can 5l	SP Fine Chemicals		
Watch Glass	SP Fine Chemicals		
Spatula	Aptec		
BOD Apparatus	Aptec		
COD Apparatus	Aptec		
Incubator	Aptec		
Micro Balancer	Aptec		
Jar Test	Aptec		

S. No	Equipment		
	Lab	Name	Make
		Spectro-Photometer	SP Fine Chemicals
		Auto Clave	SP Fine Chemicals
		Electronic Weighing Balance	Aptec
5	Concrete Technology & Highway Materials Lab	Abrasion Test	Aptec
		Aggregate Impact Test	Aptec
		Attrition Test	Aptec
		Shape Tests Length Gauge	Aravind Engg. Company
		Shape Tests, Thickness Gauge	Aravind Engg. Company
		Penetration Test.	Aptec
		Ductility Test.	Aptec
		Softening Point Test	Aptec
		Flash And Fire Point Tests.	Aptec
		Compression Test of Cement	Dinesh Scientific
		Bitumen Extractor	Aptec
		Non Destructive Testing or Concrete(Schmidt's Hammer) or Ultrasonic Tester	Dinesh Scientific
6,7	Transportation Engineering Lab-1 & Transportation Engineering Lab-2	Loss on heating thin Film Oven	Aravind Engg. Company
		Dynamic Cone Penetration Test	Aravind Engg. Company
		Tar Visco-meter	Aravind Engg. Company
		Pavement Core Drilling Machine	Aravind Engg. Company
		Benkelmen Beam deflection	Aravind Engg. Company
		Bitumen Penetration	Aptec
		Marshall Stability Test	Dinesh Scientific
		Merlin	New Sahara Adv. Lab
		Skid Tester	New Sahara Adv. Lab
		Accelerated Polishing Machine	New Sahara Adv. Lab
		Vissum & Visum Software	Sunovatech
		Hot Plate Rounded	Aptec
		Water Bath	Aravind Engg. Company
		Plate Bearing Apparatus	Aravind Engg. Company
8,9	Fluid Mechanics & Hydraulic Machines	Pelton Wheel Experimental Setup	Altech Industries
		Francis Turbine Experimental Setup	Altech Industries
		Centrifugal Pump Test,RIG Single Stage Setup	Altech Industries
		Centrifugal Pump Test,RIG Multi Stage Setup	Altech Industries
		Reciprocating Pump Experimental Setup	Altech Industries
		Pipe Line Assembly for Determination of Head Loss & Friction Factor, Experimental Setup	Altech Industries

S. No	Equipment		
	Lab	Name	Make
		Orificemeter- Venturimeter Calibration Apparatus	Altech Industries
		Impact of Jets on Vanes Apparatus	Altech Industries
		Flow over Notches Setup	Dinesh Scientific
		Bernouli's Theorem Apparatus	Yamto instruments sales
		Discharge Apparatus	Aravind Engg. Company
		Hydraulic Jump Apparatus	New Sahara Adv. Lab
		Study of Water Hammer Due to Sudden Closure valve	Aravind Engg. Company
10	Engineering Geology Lab	Rock Specimens 2''*2'' wooden box	Balaji Engg. Company
		Mineral Specimens 2''*2' wooden box	Balaji Engg. Company
		Streak plates	Balaji Engg. Company
		Magnifying Lens	Ganish Scietific Surgical
		Pen Knife	Keystone and Company
		Mineral Map of India	Keystone and Company
		Geological & Mineral Map of Telangana	Keystone and Company
		Mohr's Scale of Hardness Box	Genesis rocks & minerals
		Model showing folds and faults	Genesis rocks & minerals
		Photo Frames Showing Minerals Plants and environment Conditions	Genesis rocks & minerals

- e) Number of students receiving financial assistance from college, university, government or other agencies

Category	No. of Students			
	2016-2017	2015-2016	2014-2015	2013-2014
A. Y				
SC	42	45	45	15
ST	52	52	34	12
BC	76	78	84	45
EBC	50	41	37	12
MI	7	10	8	

- f) Details on student enrichment Programmes (Special Lectures / Workshops / Seminar) with external experts –**NIL**
- g) Teaching methods adopted to improve student learning

**The Following Teaching Methods Are Adopted To Improve Student Learning:**

1. Chalk & Talk
2. OHP
3. LCD Projector
4. Digital Library

5. Video Lectures

6. Models/ Charts

h) Participation in Institutional Social Responsibility (ISR) and Extension activities

**Events conducted**

S. No	Date	Name of the event	No. of Students Participated
1.	06 /11/ 2014	Swachha Bharath, Clean N Green	50
2.	21/09/2015	Work Shop On "Cement Concrete And Construction"	188
3.	17/03/2016	Seminar On "Engineering Ethics"	152
4.	26/09/2016	Seminar On "Applications Of Geology In Civil Engineering"	136
5.	29/07/2016-30/07/2016	Technical Fest ESPARANZA 2K16	120
6.	06/09/2016	Teacher's Day	142
7.	09/10/2016	Express Raja Program (ETV Channel)	40
8.	01/10/2016	Fresher's Day	159
9.	19/10/2016	M. Tech. Orientation Day	18
10.	12/01/2017	Kite festival	31
11.	25/03/2017	NSS Unit Inauguration	100

i) SWOC analysis of the department and Future plans

<b>Strengths</b>	<ol style="list-style-type: none"> <li>1. Good, young and energetic faculty with dedication</li> <li>2. Good faculty contribution with continuing education</li> <li>➤ 3. Good Scholarships</li> <li>➤ 4. Good Library facilities</li> <li>➤ 5. Good infrastructure and facilities</li> <li>➤ 6. Adherence to academic calendar</li> <li>➤ 7. On time Syllabus completion</li> <li>➤ 8. Good support by faculty to students in all Activities</li> <li>➤ 9. Good Laboratory facilities</li> <li>➤ 10. Management committed to encourage sports</li> </ol>
<b>Weakness</b>	<ol style="list-style-type: none"> <li>➤ 1. Lack of adequate placements in core jobs</li> <li>➤ 2. Lack of necessary industry exposure to students &amp; faculty</li> <li>➤ 3. No adequate institute and Industry interactions</li> <li>➤ 4. R &amp; D to be taken up to speed up the work for obtaining faculty higher qualifications.</li> </ol>
<b>Opportunities</b>	<ol style="list-style-type: none"> <li>➤ 1. Create more internships in local industry</li> <li>➤ 2. More awareness and orientation towards core entrepreneurship development by establishing industry institute interaction.</li> <li>➤ 3. Initiate sports scholarships for increased participation in sports</li> </ol>
<b>Threats</b>	As there is a boom in core courses like Mechanical, ECE and, the CIVIL aspirants are drastically reduced.

**EVALUATIVE REPORT OF  
MINING ENGINEERING DEPARTMENT**

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department : **MINING ENGINEERING**
2. Year of Establishment : **2014**
3. Names of Programmes / Courses offered (UG e)

**UG: B. TECH - MINING ENGINEERING**

4. Names of Interdisciplinary courses and the departments/units involved

<b>S. No.</b>	<b>Name of the Interdisciplinary courses</b>	<b>Departments</b>
1.	Engineering Drawing	ME
2.	C & Ds	CSE
3.	Basic Electrical Engineering	EEE
4.	Strength of material	ME& CIVIL
5.	Fluid mechanics and hydraulic machinery	ME& CIVIL

5. Annual/ semester/choice based credit system (programme wise)

<b>S. No.</b>	<b>Semester/annual (Program)</b>	<b>Credit system</b>
1.	B. Tech	Choice based
2.		

6. Participation of the department in the courses offered by other departments

<b>S. No</b>	<b>NAME OF THE COURSE</b>	<b>DEPARTMENT</b>
1		
2		
3		
4		
5		
6		
7		
8		

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

**NIL**

8. Details of courses/programmes discontinued (if any) with reasons

**NIL**

9. Number of Teaching posts

S. No.	Position	Sanctioned	Filled
1.	Professors	1	1
2.	Associate Professors		
3.	Asst. Professors	7	7

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1.	Dr.ch.Naveen	M. Tech, PhD	Professor	Rock mechanics	15
2.	Mr.G.vijay kumar	M. Tech	Asst. Prof	Mining	18
3.	Mr.N.ramakrishna	M. Tech	Asst. Prof	Mining	15
4.	Mr.L.Rama chendra	M. Tech	Asst. Prof	Mining	20
5.	Mr.v.sarath babu	M. Tech	Asst. Prof	Mining	12
6.	Mr.v.vedakumar	M. Tech	Asst. Prof	Mining	14
7.	Mr.J.sudhakar	M. Tech	Asst. Prof	Mining	15
8.	Mr.D.Satyanarayan	M. Tech	Asst. Prof	Mining	18

11. List of senior visiting faculty

**NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

**NIL**

13. Student -Teacher Ratio (programme wise)

**B.TECH 1:15**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

S. No	SANCTIONED	FILLED
1		

15. Qualifications of teaching faculty with D. Sc/ D. Litt/ Ph. D/ M. Phil/PG.

S. No.	Name	Qualification	Designation
1.	Mr. Ch. Naveen	M.Tech	Asst.Professor
2.	Mr. G. Vijaya Kumar	M.Tech	Asst.Professor
3.	Mr. J. Sudhakar	M.Tech	Asst.Professor
4.	Mr. V Sharat Babu	M.Tech	Asst.Professor
5.	Mr. V. Veda Kumar	B.Tech	Asst.Professor
6.	Mr. L. Ramachandra Reddy	M.Tech	Asst.Professor
7.	Mr. N. Ramakrishna	M.Tech	Asst.Professor
8.	Mr. D. Satyanarayana	AMIE (MBA)	Asst.Professor

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

**NIL**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

**NIL**

18. Research Centre /facility recognized by the University

**NIL**

19. **Publications:**

**Publication per faculty**

- Number of papers published in peer reviewed journals (national / international) by faculty and students
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- h-index

20. Areas of consultancy and income generated

**NIL**

21. Faculty as members in

- a) National Committees b) International Committees c) Editorial Boards

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students



## 24. List of eminent academicians and scientists/visitors to the department

S. No.	Name of the resource person	Institution	Duration
1.	Mrs. Sataymurti	NIT surath cal Rock mechanics	3 Days
2.			
3.			

## 25. Seminars/ Conferences/Workshops organized &amp; the source of funding

- a) National
- b) International

## 26. Student profile programme/course wise:

S. No	Name of the Interdisciplinary courses	Dept.	Applications received	Selected	Enrolled		Pass percentage
					M	F	
1.	Engineering Drawing	ME	103	103	72	31	74%
2.	C & Ds	CSE	103	103	72	31	87%
3.	Basic Electrical Engineering	EEE	109	118	83	35	79.4%
4.	Principles of Electrical Engineering	EEE	117	118	83	35	85.4%
5.	Computer Organization	CSE	103	118	83	35	80.17%
6.	Managerial Economics & Financial Analysis	MBA	117	118	83	35	91.1%
7.	Fundamental of geology	MIN	48	48	48	0	89.3%

\*M = Male F = Female

## 27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.TECH			

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

S. No.	Exam Appeared	No. of Students Qualified				
		2010-2014	2009-2013	2008-2012	2007-2011	2006-2010
1	GATE/PGECET					

29. Student Progression

Student progression	Against % enrolled				
	2010-2014	2009-2013	2008-2012	2007-2011	2006-2010
UG to PG					
PG to M. Phil.					
PG to Ph.D.					
Ph.D. to Post-Doctoral	--	--	--	--	--
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus</li> </ul>					
Entrepreneurship/Self-Employment	NIL	NIL	NIL	NIL	NIL

30. Details of Infrastructural facilities

a) Library: **The departmental library has Text books, Project reports**

Year	Books	Journals	NPTEL Video Lectures	Project Reports	
				UG	PG
B.TECH	130		20		

- b) Internet facilities for Staff & Students: **2 systems with 100Mbps Internet connectivity**
- c) Class rooms with ICT facility:
- Total no. of class rooms: 6 UG Class rooms
- d) Laboratories : 4

The Department is having 5 well equipped physical laboratories to execute the various UG Experiments. The Following are the description of laboratories

S. No	Equipment		
	Lab	Name	Make
1	Min Environmental engineering lab	Orsat apparatus	MICON
		Handle Apparatus	MICON
		hygrometer	MICON
		Kata thermometer	MICON
		Centrifugal fan Setup	MICON
2	Min surveying lab	Theodolite	Micon
		Auto level	sokkia

- e) Number of students receiving financial assistance from college, university, government or other agencies

Category		
A. Y.	2016-2017	2015-2016
SC	6	7
ST	7	8
BC	8	4
EBC	6	5
MI	0	0

- f) Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- g) Teaching methods adopted to improve student learning

The staff members use the following teaching methods

- Giving Home Assignments
- Green Glass Board teaching with chalk

- Power Point Presentation
- Teaching by simulation
- NPTEL lectures from IIT & other Professors, DELNET facility & SONET
- Tutorials are being conducted for a batch of 25 or 35 students.
- 2 internals will be conducted and technical seminars & comprehensive viva will be conducted.
- Mini projects and main project will be evaluated.

h) Participation in Institutional Social Responsibility (ISR) and Extension activities

**Events conducted**

S. No	Date	Name of the event	No. of Students Participated
1.	6 <sup>th</sup> Nov' 2014	Swachha Bharath, Clean N Green	50
2.	18 <sup>th</sup> to 20 <sup>th</sup> Oct' 2014	WISE Summit, HICC, Hyderabad	45
3.	8 <sup>th</sup> Mar' 2014	COWE Career Fair for Women	45
4.	20 <sup>th</sup> , 21 <sup>st</sup> & 22 <sup>nd</sup> Mar' 2014	Eye camp with Maxvision, Begumpet, Hyderabad	250
5.	15 <sup>th</sup> Jul' 2014	Prohibited motor vehicles transportation in college campus to avoid air pollution	--
6.	10 <sup>th</sup> Jun' 2012	Battery vehicle is being used for transportation in campus	In Emergency
7.	16 <sup>th</sup> & 17 <sup>th</sup> Sep' 2011	Plantation of trees in the college campus	80
8.	1 <sup>st</sup> Jan' 2011	Minimizing paper waste by Reusing papers in administration activities	All Students
9.	23 <sup>rd</sup> Oct' 2010	Clean and green program conducted at Birla temple, Hyderabad	25

i) SWOC analysis of the department and Future plans

**Strengths**

- Good quality of student inputs to ECE Dept
- Supportive Management
- Good strength of Alumnae
- Good Scholarships
- Emphasis on Soft skills
- Good Library facilities
- SSR as per norms
- Faculty with M. Tech as minimum qualification
- Good infrastructure and facilities

- Adherence to academic calendar
- SMS and group mail facility for effective communication
- Four faculty members pursuing Ph. D
- Staff and students are encouraged to participate in workshops, conferences conducted outside the campus.
- Good campus placements and extended campus placement facilities like training the students both technically & non-technically
- Entrepreneurship Development Cell for doing projects
- On time Syllabus completion
- Good Laboratory facilities
- Good support by faculty to students in all activities
- Department led by efficient, supportive and dynamic HOD
- Management committed to encourage sports

#### **Weaknesses**

- Lack of adequate placements in core jobs
- Lack of necessary industry exposure to students & faculty
- No adequate institute and Industry interactions
- R & D to be taken up to speed up the work for obtaining faculty higher qualifications.

#### **Opportunities**

- More MOUs with Industry and academic universities/colleges
- Alumnae expertise to be tapped and included for value addition
- Should take industry inputs and redesign syllabus
- Initiate sports scholarships for increased participation in sports
- Create more internships in local industry
- Foster better teacher-taught relationships in compliance with Professional Development norms

#### **Threats**

- From Foreign Universities and Deemed Universities (for new course and Management quota seats) and also a faculty threat
- As there is a boom in core courses like Mechanical and Civil, the ECE aspirants are drastically reduced.



**HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE**

(Sponsored by Holy Trinity Educational Society)

Approved by AICTE, New Delhi, and Permanent Affiliation to JNTU, Hyderabad

Accredited by NAAC

College Code

**C9**

---

**Dr. N.Subhash Chandra**

M.Tech, Ph.D.

Principal

**DECLARATION BY THE HEAD OF THE INSTITUTION**

I hereby certify that the data furnished in this Self-Study Report (S.S.R) are true to the best of my knowledge.

The SSR is prepared by the Institution with the inputs collected from the departments and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this SSR during Peer Team visit.

*N.S.Chandra*  
*15/05/2017*  
Signature of the Head of the Institution

PRINCIPAL  
HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE  
Bogaram (V), Keesara (M), R. R. Dist  
*With seal*

---

Address : Bogaram (V), Keesara (M), Ranga Reddy (Dt.), Telangana State, INDIA, Pin - 501 301  
Phone : 08415-200488, 200499, 040-23353909  
Mobile : 9848511063, 9848889962/65, 9948437912, Fax : 040-23813102  
Mail ID : principalhitscoe@gmail.com, Website : www.hits.ac.in

---



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College Code

**C9**

**Dr. N.Subhash Chandra**

Principal

M.Tech, Ph.D.

## Certificate of Compliance

This is to certify that **Holy Mary Institute of Technology & Science** fulfils all norms

1. Stipulated by the affiliating University and/ or
2. Regulatory Council/ Body ( such as, UGC, NCTE, AICTE, MCI, DTE, DCI, BCI, etc) and
3. The affiliation and recognition is valid as on date.

It is noted that NAAC's accreditation, if granted shall stand cancelled, automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 15-05-2017

Place: Hyderabad

**Dr. N. SUBHASH CHANDRA**

Principal

**HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE**

Address : Bogaram (V), Keesara (M), Ranga Reddy (Dt.), Telangana State, INDIA, Pin - 501 301  
Phone : 08415-200488, 200499, 040-23353909  
Mobile : 9848511063, 9848889962/65, 9948437912, Fax : 040-23813102  
Mail ID : principalhitscoe@gmail.com, Website : www.hits.ac.in



## All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kurg, New Delhi-110067  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

F.No. South-Central/1-3326140972/2017/EOA

Date: 10-Apr-2017

To,

The Principal Secretary  
(Higher Education) Govt. of Telangana,  
D Block, 117 Telangana Secretariat,  
Hyderabad

**Sub: Extension of approval for the academic year 2017-18**

Ref: Application of the institution for Extension of approval for the academic year 2017-18

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-5041803	Application Id	1-3326140972
Name of the Institute	HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE	Institute Address	BOGARAM VILLAGE REESARA MANADAL, BOGARAM REESARA MANDA R R DISTRICT ANDHRA PRADESH 501301, BOGARAM, RANGAREDDI, Telangana, 501301
Name of the Society/Trust	HOLY TRINITY EDUCATIONAL SOCIETY	Society/Trust Address	B-2-248/A, G-2, MAHARISHI HOUSE, ROAD NO-3, BANZARA HILLS, HYDERABAD-34, HYDERABAD, HYDERABAD, Andhra Pradesh, 500034
Institute Type	Unaided - Private	Region	South-Central

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable
Opted for Conversion from degree to diploma	No	Opted for Conversion from diploma to degree	No	Conversion (degree to diploma or vice-versa) Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2017-18

Application Id: 1-3326140972			Course	Full/Part Time	Affiliating Body	Intake Approved for 2016-17	Intake Approved for 2017-18	NET Approval status	MCI / FN / Gulf Qatar / OCI Approval status	Foreign Collaboration/Teaming Program Approval status
Program	Shift	Level								

Application Number: 1-3326140972

Note: This is a Computer generated Report.No signature is required.

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Page 1 of 5  
Letter Printed On 13 April 2017





## All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CAD-CAM	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	18	30	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER NETWORKS AND INFORMATION SECURITY	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	18	18	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	36	30	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL POWER SYSTEMS	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	18	30	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	EMBEDDED SYSTEMS	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	18	30	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	HIGHWAY ENGINEERING	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	18	30	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	18	30	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER ELECTRONICS	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	18	30	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	VLSI DESIGN	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	18	30	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	120	120	NA	Yes	NA

Application Number: 1-3326140972  
 Note: This is a Computer generated Report.No signature is required.

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### All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg/Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	120	120	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	120	120	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	120	120	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	MECHANICAL ENGINEERING	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	120	120	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	Mining Engineering	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	60	60	NA	Yes	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	CIVIL ENGINEERING	FULL TIME	State Board of Technical Education and Training, Hyderabad	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	DIPLOMA	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	State Board of Technical Education and Training, Hyderabad	60	60	NA	NA	NA
MANAGEMENT	1st Shift	POSTGRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Jawaharal Nehru Technological University, Hyderabad	60	60	NA	Yes	NA

The above mentioned approval is subject to the condition that

HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE

shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

Course(s) Applied for Closure by the Institute for the AY 2017-18:

Application Id: 1-3326140972			Name of the Course	Full/Part Time	Affiliating Body	Course Closure Status
Program	Shift	Level				

Application Number: 1-3326140972

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## All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg/Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

ENGINEERING AND TECHNOLOGY	1st SNR	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING (Last Approved Intake 0)	FULL TIME	Jawaharlal Nehru Technological University, Hyderabad	Approved
ENGINEERING AND TECHNOLOGY	1st SNR	POST GRADUATE	INFORMATION TECHNOLOGY (Last Approved Intake 0)	FULL TIME	Jawaharlal Nehru Technological University, Hyderabad	Pending <sup>1</sup>

<sup>1</sup> due to non submission of NOC's from University / Board and / or State Government

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(A) of the said Regulation.

**Note: Validity of the course details may be verified at [www.aicte-india.org](http://www.aicte-india.org).**

**Prof. A.P Mittal**  
Member Secretary, AICTE

Copy to:

- The Regional Officer,**  
All India Council for Technical Education  
First Floor, old BICARD Building  
Jawaharlal Nehru Technological University  
Mitsab Tank, Hyderabad-500075
- The Director Of Technical Education\*\*,**  
Telangana
- The Registrar\*\*,**  
Jawaharlal Nehru Technological University, Hyderabad
- The Principal / Director,**  
HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE  
BOGARAM VILLAGE  
KEESARA MANADAL  
BOGARAM  
KEESARA MANDA  
R R DISTRICT  
ANDHRA PRADESH  
501301,  
BOGARAM,RANGAREDDI,  
Telangana,501301
- The Secretary / Chairman,**  
HOLY TRINITY EDUCATIONAL SOCIETY  
B-2-248/A, G-2, MAHARSHI HOUSE, ROAD NO-3, BANZARA HILLS, HYDERABAD-34.

Application Number: 1-33261-00972

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Letter Printed On:13 April 2017



## All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg/Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

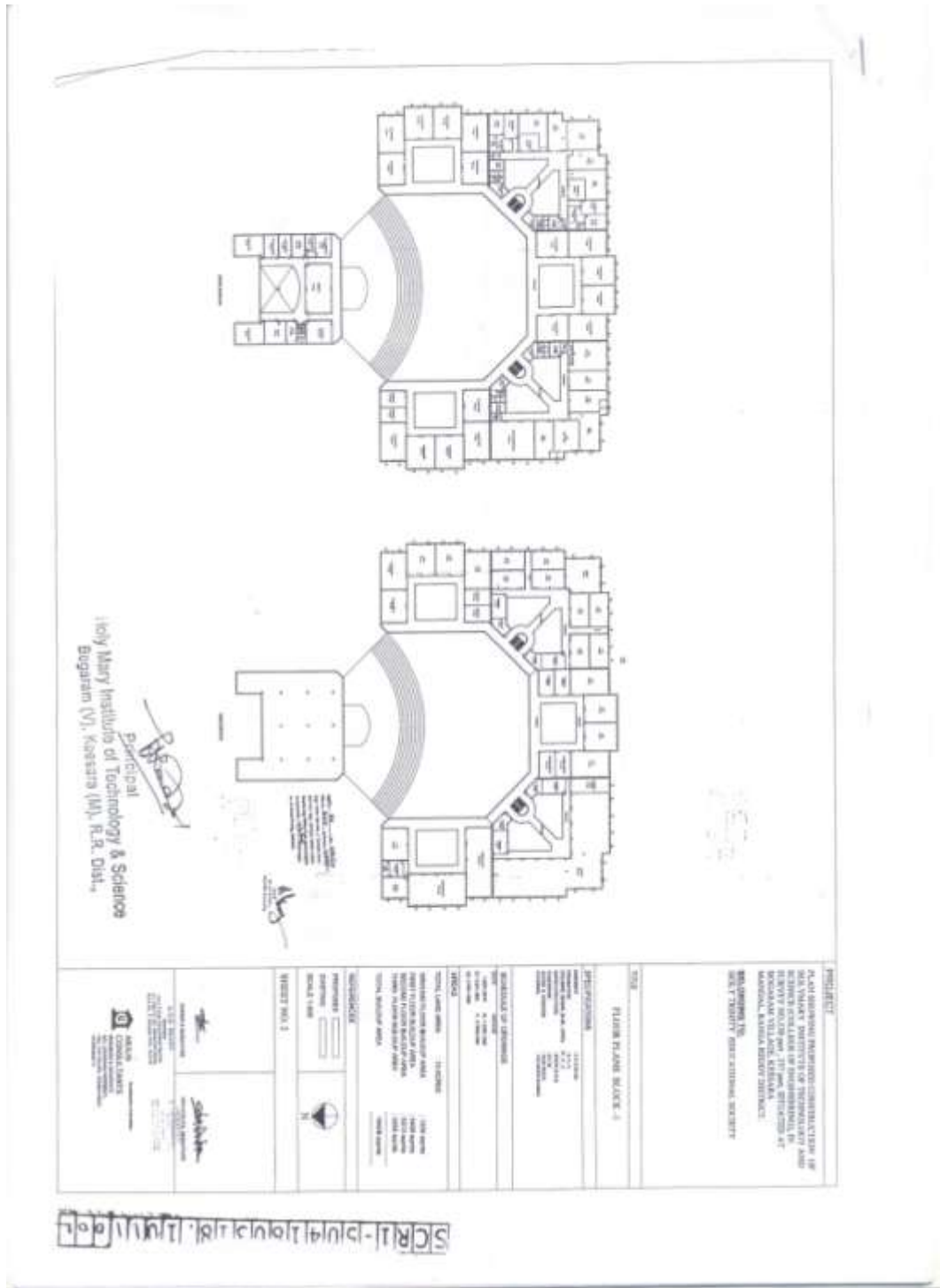
HYDERABAD, HYDERABAD,  
Andhra Pradesh, 500034

### 6. Guard File(AICTE)

**Note: \*\* - Approval letter copy will not be communicated through post/email. However, provision is made in the portal for downloading Approval letter through Authorized login credentials allotted to concerned DTE/Registrar.**

Application Number: 1-3326148972  
Note: This is a Computer generated Report.No signature is required  
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Letter Printed On:13 April 2017













**ELEVATION**

**SECTION @ XX**

**FLOOR PLAN**

**Handwritten Notes:**  
 79 - 10. 20/11/21  
 4.5 m x 8.5 m / 350 -  
 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

**PROJECT**  
 NAME OF THE PROJECT: ...  
 LOCATION: ...  
 DATE: ...

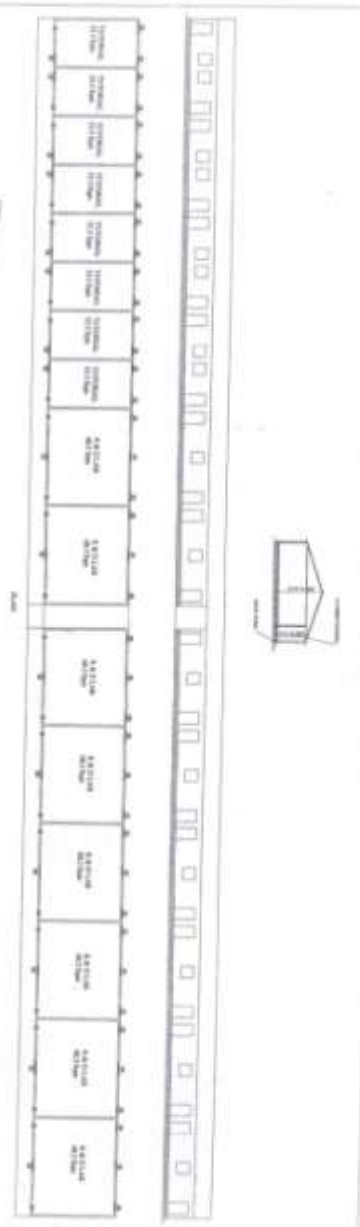



**ARCHITECT**  
 NAME: ...  
 ADDRESS: ...  
 CONTACT: ...


**Scale: 1/4" = 1'-0"**

**SCRI-504180318.10110107**

SCR1-504180318.1ur10e2

| PROJECT  | TYPE             | PERFORMANCE  | SCHEDULE OF WORK  | AREA   | VOLUME   | REMARKS  |
|--|------------------|--|---|--|--|--|
| <p>FOR THE PROPOSED CONSTRUCTION OF<br/>                     A BLOCK OF 100 STUDENT ROOMS AND<br/>                     A BLOCK OF 100 STUDENT ROOMS<br/>                     AT HOLY MARY INSTITUTE OF TECHNOLOGY AND<br/>                     SCIENCE, KESARA (W), R.R. DIST.,<br/>                     KARAVATI TALUK, KARNATAKA<br/>                     DISTRICT, INDIA.</p> | <p>BLOCK 'A'</p> | <p>1. TO PROVIDE ACCOMMODATION FOR<br/>                     100 STUDENTS.<br/>                     2. TO PROVIDE BATH ROOMS,<br/>                     TOILETS, AND KITCHENS.<br/>                     3. TO PROVIDE A COMMON<br/>                     AREA FOR STUDENTS.</p> | <p>1. TO COMPLETE THE<br/>                     FOUNDATION WORK.<br/>                     2. TO COMPLETE THE<br/>                     SUPERSTRUCTURE WORK.<br/>                     3. TO COMPLETE THE<br/>                     FINISH WORK.</p> | <p>1. TO PROVIDE A<br/>                     COMMON AREA FOR<br/>                     STUDENTS.<br/>                     2. TO PROVIDE A<br/>                     BATH ROOM AND<br/>                     TOILET FOR EACH<br/>                     STUDENT ROOM.</p> | <p>1. TO PROVIDE A<br/>                     COMMON AREA FOR<br/>                     STUDENTS.<br/>                     2. TO PROVIDE A<br/>                     BATH ROOM AND<br/>                     TOILET FOR EACH<br/>                     STUDENT ROOM.</p> | <p>1. TO PROVIDE A<br/>                     COMMON AREA FOR<br/>                     STUDENTS.<br/>                     2. TO PROVIDE A<br/>                     BATH ROOM AND<br/>                     TOILET FOR EACH<br/>                     STUDENT ROOM.</p> |

  
 ARCHITECT  
 HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE  
 KESARA (W), R.R. DIST.,  
 KARAVATI TALUK, KARNATAKA  
 DISTRICT, INDIA.





**HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE**

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Accredited by NAAC

College Code

**C9**

---

**Dr. N.Subhash Chandra**

M.Tech, Ph.D.

Principal

**DECLARATION BY THE HEAD OF THE INSTITUTION**

I hereby certify that the data furnished in this Self-Study Report (S.S.R) are true to the best of my knowledge.

The SSR is prepared by the Institution with the inputs collected from the departments and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this SSR during Peer Team visit.

Signature of the Head of the Institution

*N.S.Chandra*  
*15/05/2017*  
PRINCIPAL  
HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE  
Bogaram (V), Keesara (M), R. R. Dist

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Address : Bogaram (V), Keesara (M), Ranga Reddy (Dt.), Telangana State, INDIA, Pin - 501 301  
Phone : 08415-200488, 200499, 040-23353909  
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**HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE**

(Sponsored by Holy Trinity Educational Society)

Approved by AICTE, New Delhi, and Permanent Affiliation to JNTU, Hyderabad

Accredited by NAAC

College Code

**C9**

**Dr. N.Subhash Chandra**

M.Tech, Ph.D.

Principal

### Certificate of Compliance

This is to certify that **Holy Mary Institute of Technology & Science** fulfils all norms

1. Stipulated by the affiliating University and/ or
2. Regulatory Council/ Body ( such as, UGC, NCTE, AICTE, MCI, DTE, DCI, BCI, etc) and
3. The affiliation and recognition is valid as on date.

It is noted that NAAC's accreditation, if granted shall stand cancelled, automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 15-05-2017

Place: Hyderabad

**Dr. N. SUBHASH CHANDRA**

Principal

**HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE**

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