The Annual Quality Assurance Report (AQAR) 2018-19 of the IQAC
(For Affiliated/Constituent Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, June 1, 2017 to May 31, 2018)*

Part – A

Data of the Institution
(data may be captured from IIQA)

1. Name of the Institution   HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE

- Name of the Head of the institution   :   Dr. P. Bhaskara Reddy

- Designation   :   Professor & Director

- Does the institution function from own campus :   Yes

- Phone no./Alternate phone no.   :   9848511063

- Mobile no.: 9848511063

- Registered e-mail   : principalhitscoe@gmail.com

- Alternate e-mail   : principalhitscoe@hmgi.ac.in

- Address   :Bogaram (Vil), Keesara (Mdl), Medchal- Dist. , Telangana

- City/Town   : Hyderabad

- State/UT   : Telangana

- Pin Code   : 501301

2. Institutional status:
- Affiliated / Constituent: Affiliated
- Type of Institution: Co-Education
- Location : Semi-Urban
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify)

- Name of the Affiliating University: JNTUH
- Name of the IQAC Co-ordinator :   Dr R Jothi Murugan & Dr M. Sarvananan
- Phone no. : 8341250534 , 9842044321

- Alternate phone no.: 8341250534 , 9842044321

- Mobile: 8341250534 , 9842044321

- IQAC e-mail address: iqac@hmgi.ac.in

- Alternate Email address: jothimurugan.r@hmgi.ac.in, sarvanan.m@hmgi.ac.in

3. Website address:

  Web-link of the AQAR: (Previous Academic Year): https://www.hits.ac.in/AQAR 2018-19

 4. Whether Academic Calendar prepared during the year? Yes

Yes/No....., if yes, whether it is uploaded in the Institutional website:

Weblink: https://www.hits.ac.in/Academic-Calendar

5. Accreditation Details: from: to: 26/11/2022

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1st	A	3.12	2017	from: 27/11/2017 to:26/11/2022

6. Date of Establishment of IQAC: DD/MM/YYYY: 15/2/2015

7**.** Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Outcome based Education	02-Jul-2018 180	553
Academic Audit	01-Feb-2019 24	257

Note: Some Quality Assurance initiatives of the institution are:
 (Indicative list)
- *Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements*
- *Academic Administrative Audit (AAA) conducted and its follow up action*
- *Participation in NIRF*
- *ISO Certification*
- *NBA etc.*
- *Any other Quality Audit*

• *NBA etc.*	
• *Any other Quality Audit*	

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr.B.Syed Omar	Seminar grant programme	SERB	2018	Rs.1,00,000

9. Whether composition of IQAC as per latest NAAC guidelines: Yes

   *upload latest notification of formation of IQAC

10. No. of IQAC meetings held during the year:02

   The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website…….
   Yes   (Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?   No

   If yes, mention the amount: NA

12. Significant contributions made by IQAC during the current year (maximum five bullets)

* Improvement in effective utilization of ICT during the lecture sessions.

*Continuous evaluation of Teaching and Learning Process lead to significant improvement in results.

*Emphasis has been laid on course files documentation

*IQAC Cell in coordination with EDC Cell has mentored two Start-ups.

*Emphasis has been laid on Lab Courses and Preparation of High Quality Lab Manuals.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Effective implementation of NBA reaccreditation to qualifying UG	Computer Science and Engineering, Electrical & Electronics Engineering and Electronics & Communication Engineering are reaccredited. By

programs	National Board of Accreditation, New Delhi
Green Initiatives	Paper usage policy has been implemented. Ahimsavanam- a tranquil forest garden is created
Motivate faculty & students to acquire NPTEL certification	70 faculty and 28 students have successfully completed the NPTEL Course and received Certification
IQAC Academic Review Monthly/Quarterly academic review	IQAC Academic Review Monthly/Quarterly academic review
conducted for all the Departments	conducted for all the Departments
Mentoring Students	Training on "Effective mentoring" was given to 140 faculty members through six day webinar series

14. Whether the AQAR was placed before statutory body?   Yes

   Name of the Statutory body: BOG   Date of meeting(s):

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?
   Yes/No: Yes   Date:

 16. Whether institutional data submitted to AISHE: Yes/No:

       Year:2019   Date of Submission:

7. Does the Institution have Management Information System?

   Yes
   If yes, give a brief description and a list of modules currently operational.
   (Maximum 500 words)

For students, there should be a mentor-mentee relationship. Analyze the outcome For the purpose of conducting online class groups, a database of official student email addresses was generated. HITS students, faculty, and non-teaching staff can participate in webinars. Webinars for the general public at Covid19 with a focus on physical and mental well-being. Adequate and timely disclosure of all notices on the college website; screening of teaching personnel and librarian Promotion materials.

Part-B

CRITERION I – CURRICULAR ASPECTS
1.1 Curriculum Planning and Implementation
1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words
The college has a well-planned and structured curriculum delivery and documentation system. The academic calendar is formulated before the beginning of each semester and preparations for the next semester are also done well in advance. Timetables (Course wise, class wise and faculty timetables) are uploaded in the college website for the students' assistance. The college maintains transparency in uploading monthly attendance in its website & students and parents are informed formally for any short of attendance. After the adoption of Choice Based Credit System by the JNTUH, it is ensured that students are offered papers of their choice well in advance before the semester begins. Departments also prepare in advance to cater to the preferences taken by students. Every year, orientation sessions for the Generic Electives (GE) papers are being carried out by the departments to make students aware of the GE courses, papers and syllabi. Students are encouraged to meet teachers in order to sort their queries and make an informed choice of GE options. A highly qualified, dedicated, diversified, faculty with the help of advanced infrastructure/resources and software tools fulfills the rigor of the curriculum. A variety of teaching methods are adopted by faculty members to improve student learning. These are- • Use of Power point presentations • Providing handout of study material • Mailing of practice assignments • Use of Open resource material and e-lessons • E learning oriented project submission and evaluation • Periodic performance evaluation and feedback • Audio-Visual aids (films and videos on subject related topics) • Standard chalk and discussion method Both formative and summative approaches of assessment are used to measure students' achievement. The students are continually assessed throughout the semester based on their performance in class tests, assignments, projects, presentations, and quizzes. The laboratory class also follows a continuous evaluation system. The lab records are maintained properly for documentation. Internal assessment records are prepared at the end of every semester and are made available to students to check for any discrepancy. All communication regarding evaluation reforms are displayed on notice boards, college website and are shared with students and faculty members.
1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on Employability/ entrepreneurship	Skill development
Mobile Phone Hardware Repair Technician	Nil	08/07/2018 & 15	Entrepreneurship	Mobile Phone Hardware Repair
Solar panel Installation Technician	Nil	01/08/2018 & 30	Focus on Employability	Solar panel Installation
NPTEL Course	Nil	03/08/2018 & 30	Focus on Employability	Skill Development
IT/ITeS Domestic Data entry Operator	Nil	25/01/2019 &60	Focus on Employability	IT/ITeS Domestic Data entry Operator

Iron and Steel Iron And Steel – Utility Hand Plant Operations	Nil	02/3/2019 & 15	Focus on Employability	Iron and Steel Iron And Steel – Utility
CATIA	Nil	15/03/2019 & 5	Focus on Employability	Product Design
Auto-CAD	Nil	24/04/2018 & 1	Focus on Employability	CAD
Intellectual Property and Innovation Management for Startups MSMES	Nil	28/04//2020 & 3	Focus on Employability	Skill Development
A National Level Awareness Programme of MSME	Nil	15/05//2019 & 1	Focus on Employability	Skill Development
A One day workshop on "Problem Identification and Validation"	Nil	29/05//2019 & 1	Focus on Employability	Skill Development
Competitive coding by Being Zero	Nil	03/07//2019 & 15	Focus on Employability	Skill Development
Competitive coding by Smart Interviews	Nil	10/07//2019 & 15	Focus on Employability	Skill Development

1.2.1 New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
B.Tech	Rural Sensitization	23/06/2018
B.Tech	Applied Statistics and Numerical Methods	23/06/2018
B.Tech	Business Communication Lab	23/06/2018
B.Tech	Effective Technical Communication Lab	23/06/2018
B.Tech	Quantitative Aptitude and Reasoning Lab	23/06/2018
B.Tech	Technical Term Paper	23/06/2018
B.Tech	Advanced Tool Lab	23/06/2018
B.Tech	Cognitive Ergonomics	23/06/2018
B.Tech	Introduction to DBMS	23/06/2018
B.Tech	JAVA Programming for Biomedical Engineers	23/06/2018

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system

implemented at the affiliated Colleges (if applicable) during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System
B.Tech	Civil Engineering		23/06/2018
B.Tech	Computer Science Engineering		23/06/2018
B.Tech	Mechanical Engineering		23/06/2018
B.Tech	Electronics and Communications Engineering		23/06/2018
B.Tech	Electrical and Electronics Engineering		23/06/2018
MBA		Business Administration	23/06/2018
M.Tech		Computer Science And Engineering	23/06/2018
M.Tech		Electrical Power Systems	23/06/2018
Already adopted (mention the year)			

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Courses
No of Students	935	Nil

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year

Value added courses	Date of introduction	Number of students enrolled
PHP & My SQL	07.07. 2018	101
Python	07.07. 2018	46
Word Press	02.03.2019	40
e- yantra Robotics	03.08.2018	26
CISCO Certified Network Administrator	20.07.2018	31
E- CAD	23.06.2018	13
STAAD Pro v8i	13.08.2018	20
Primavera p6	07.01.2019	22
CATIA	01.02.2019	58

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
B.Tech Civil Engineering	55
B.Tech Computer Science and Engineering	62
B.Tech Electronics Communications and	120

Engineering	
B.Tech Electrical and Electronics Engineering	57
B.Tech Mechanical Engineering	64

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

The feedback about the syllabus and its compatibility with the industry is collected from all the stakeholders. The feedback form is designed in such a way that it records the opinion of the stakeholders not only about the industry requirements, but also about the personality development of the students,entrepreneurship skill development, awareness on higher studies, Research and Development. The feedback form records the view of the stakeholders regarding the syllabus in • improving professional competencies, • satisfying industry requirements and expectations of the parents, students and recruiters •suitability of the syllabus to the current scenario in Industry, Research Development and practical applications • Satisfying the outcome based education and societal needs • Instilling ethics and discipline in the student community The feedback from alumni throws light into the preparedness of the students for the industry. The feedback from the industry personnel is also collected. There is a representation of all these stake holders in the Board of Studies, Governing Council and Department Advisory Body. The feedback and opinion is collected during the regular meetings and is included while planning for the actions to be taken to bridge the gap between the syllabus and the industry requirements. The feedback collected is analysed and discussed in Academic Council meetings and Governing council meetings. Action plan is drafted to cover up the bridge between the academic and industry requirements. The actions taken by the institution to supplement the syllabus are as follows: 1. Guest lectures, seminars, workshops, Industrial visits and training programmes to supplement the curricular inputs. 2. Specially planned and scheduled video lectures and subsequent brain storming sessions 3. Group Discussion sessions for all the students 4. Financial aid for students and faculty who are publishing in reputed indexed journals 5. Travel aid for students and faculty for attending and presenting their papers in international conferences 6. Encouraging students to do innovative project work of national interest through participation in Hackathons and coding contests and further supported by IIC, IEDC cells in the institution. 7. Students are encouraged to pursue online courses in various MOOC platforms like NPTEL, Udemy, Coursera, NASSCOM Futureskills, ICT Academy Skilledge, Learnathon. 8. Students are trained through EDC and an awareness program is conducted every year for entrepreneurship opportunities and the incubation cell of the college supports students who are interested to set up their own start up companies

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1. 1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B.Tech Civil Engineering	60	57	42
B.Tech Computer Science and Engineering	120	220	120
B.Tech	120	199	115

Electronics Communications and Engineering			
B.Tech Electrical and Electronics Engineering	120	140	110
B.Tech Mechanical Engineering	60	59	49
MBA	60	60	52

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2800	288	205	46	56

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT *(LMS, e-Resources)*	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
205	205	34	65	12	10

<div align="center">View File of ICT Tools and resources</div>
<div align="center">View File of E-resources and techniques used</div>

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

The idea of mentoring has located utility in truly each discussion board of learning. In academics, mentor is frequently used synonymously with institution adviser. A essential distinction among mentoring and advising is greater than advising mentoring is a personal, in addition to, expert dating. Good mentors are capable of percentage existence reviews and wisdom, in addition to technical expertise. They are right listeners, right observers, and right problem-solvers. They take the time to know, accept, and appreciate the dreams and interests of a scholar. A mentoring dating develops over an prolonged period, in the course of which a college students desires and the nature of the connection have a tendency to change. A mentor will attempt to be aware about those modifications and range the degree and form of attention, assist, advice, facts, and encouragement that she or he provides. The mentor seeks to assist a scholar optimize an academic experience, to help the scholars socialization right into a disciplinary culture, and to assist the scholar discover appropriate employment. Mentors are advisors, humans with profession experience inclined to percentage their expertise supporters, those who supply emotional and ethical encouragement

tutors, humans who supply unique remarks on ones overall performance masters, withinside the feel of employers to whom one is apprenticed sponsors, reassets of facts approximately and useful resource in acquiring possibilities models, of identity, of the sort of individual one have to be to be an educational. A multi-faceted definition of mentors as those who: • take an interest in growing some other individual's profession and well-being. • have an interpersonal in addition to a expert dating with the ones whom they mentor. • Advance educational and expert dreams in instructions most preferred with the aid of using the individual. • tailor mentoring patterns and content material to the individual, which includes modifications due to variations in culture, ethnicity, gender and so on. What does the mentor do? • Model expert responsibility • Demystify graduate school • Encourage the powerful use of time • Oversee expert development •Develop mentee's communication, examine and private skills • Develop techniques for coping with each personal and educational problems • Identify dreams and set up a feel of direction • Give treasured perception into the next level profession Mentor Mentee Interaction: Mentor mentee interactions are taken into consideration to be the principle driving electricity for the mentoring system. Mentor meets their mentees on a everyday basis (commonly in a fortnight) and evaluations their attendance, overall performance in elegance and laboratory, consequences of examination (each inner external), and different problems so that it will assist of their universal development. A few tasks/ facts that a mentor collects are:Find out approximately the scholar's preceding academic reviews and why she/he determined to visit graduate school. What does the scholar desire to reap in pursuing a graduate degree? Discuss the studies projects and the way they supplement or diverge from the scholar's interests. Offer hints approximately publications the scholar have to take, labs that is probably appropriate, and different education reviews s/he have to seek.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2872	281	1:15

2.4 Teacher Profile and Quality				
2.4.1 Number of full time teachers appointed during the year				
No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
220	220	20	17	42

2.4.2 Honours and recognitions received by teachers			
(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)			
Year of award	*Name of full time teachers receiving awards from state level, national level, international level*	*Designation*	*Name of the award, fellowship, received from Government or recognized bodies*
2018	Dr.D.Padmasri	Assistant Professor	Young achiever Award by Institute for Exploring Advances In Engineering

2019	Mr.K.Kranthikumar	Assistant Professor	Young achiever Award by Institute for Exploring Advances In Engineering
2019	Dr M.Saravanan	Associate Professor	Patent in Title of the invention :
2019	Mr. Y. David Solomon Raju	Associate Professor	”Dynamic Teacher of the Year” at International Education Awards, GOA 2019
2019	Mr. Y. David Solomon Raju	Associate Professor	Editorial Member in International Journal of Electronics Communication and Computer Engineering IJECCE

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
B.Tech	UG	IV-Sem	07/12/2019	18/12/2019
B.Tech	UG	III-Sem	25/11/2019	12/12/2019
B.Tech	UG	II-Sem	04/12/2019	21/12/2019
B.Tech	UG	I-Sem	22/01/2020	28/01/2020

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Holy Mary Institute of Technology and Science is affiliated to JNTUH, Hyderabad. Continuous Internal Evaluation (CIE) is carried out as per JNTUH Evaluation system as follows: For Theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for descriptive paper). The objective paper is set with 20 multiple choice, fill in the blanks and matching type of questions for a total of 10 marks. The descriptive paper shall contain 4 full questions out of which, the student has to answer 2 questions, each carrying 5 marks. While the first mid-term examination shall be conducted on 50 of the syllabus, the second mid-term examination shall be conducted on the remaining 50 of the syllabus. 5 marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in Continuous Internal Evaluation. If any student is absent from any subject of a mid-term examination, an on-line test will be conducted for him by the University. For Practical subjects there shall be a continuous internal evaluation during the semester for 25 marks and 75 marks for semester end examination. Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned. The

semester end examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the clusters of colleges which are decided by the examination branch of the University.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Holy Mary Institute of Technology & Science is affiliated to JNTUH, Hyderabad. The Academic Calendar for UG and PG courses will be prepared by the affiliating university and communicated to the affiliated colleges before the commencement of Academic year. The affiliating university sends an academic calendar before the start of every academic year. This calendar has the details of start and end dates of both even and odd semesters, dates of internal examinations and other major events. The College Academic Committee (CAC) prepares a calendar with the details of proposed dates of institute level technical and non-technical events in line with the university academic calendar. Each department prepares a department specific academic calendar year wise in line with JNTUH academic calendar and college calendar of events. All the tentatively scheduled technical and nontechnical events planned by the department are also included. The institute adheres to the academic calendar for the conduct of continuous internal evaluation. All the affiliated institutes of JNTUH should conduct two internal examinations as scheduled by the university for half of the syllabus in each examination. The academic calendar is available on college website and displayed on notice-boards in the respective departments. The institute follows the time frame given by the university to conduct internal examinations, evaluation of answer scripts and submission of marks to the university. In the academic year 2019-20, all the departments have prepared academic calendars in the defined procedure and adhered to it until the disturbance caused by the pandemic. Due to pandemic, the affiliating university dynamically changed the scheduled for laboratory classes, internal examinations, external examinations, etc. The institute shared the information provided by the university to students and followed the schedule time to time.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes
for all programs offered by the institution are stated and displayed in website of the institution
(to provide the weblink)

https://hits.ac.in/Write_UPs-and-Links1.pdf

2.6.2 Pass percentage of students

Program me Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
	B.Tech (CSE)	115	104	92%
	B.Tech (ECE)	104	91	90%
	B.Tech (EEE)	105	81	80%
	B.Tech (ME)	61	45	75%
	B.Tech (CE)	60	35	55%

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://hits.ac.in /Student-Satisfaction-Survey-2019-20-.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

3.1.1 Research funds sanctioned and received from various agencies, industry and other organisations				
Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Industry sponsored Projects	365	Wind Stream Technologies India PVT Ltd.	2.37	Nill
Industry sponsored Projects	365	Sulakshna Circuits LTD.	2.2	Nill
Inter disciplinary Projects	365	Lakshitha Chit funds PVT. LTD.	2.15	Nill

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year				
Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr.M.Radha Kumari	Summer Faculty Research Fellow Program 2018	29/06/2018	IIT DELHI

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights **(IPR)** and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
A Two Day Workshop on Intellectual PropertyRights	All Departments	08/01/2019
A Two Day Workshop on Intellectual PropertyRights	All Departments	10/01/2019

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Borewell Trapped People Rescue System	S.Ganesh Ranjith, P.Ranjith Kumar, R.Sampath	Entrepreneurship Development and Innovation Institute,	04/02/2019	Students Innovation
Harvesting of Electricity from Handloom Weaving Machinecoupled with Power GeneratorDynamo	K.Thamodharan, T.Kiranraj, S.Nandha Kumar	Entrepreneurship Development and Innovation Institute,	04/02/2019	Students Innovation

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
CoE	Texas innovation lab	STEPS Knowledge Services

Name of the Start-up	Nature of Start- up	Date of Commencement
Texas Innovation	Robotics Lab	15/03/2019

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
1	3	nil

3.3.2 Ph. Ds awarded during the year *(applicable for PG College, Research Center)*

Name of the Department	No. of Ph. Ds Awarded
Computer Science and Engineering	1

3.3.3 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
International	CIVIL	11	0.64
	CSE	18	2.46
	ECE	22	2.64
	EEE	25	2.36
	MBA	6	2.54
	MECH	20	2.08
	SH	5	0.73

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
CIVIL	1
CSE	1
MECH	1
ECE	2
EEE	2

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Nil						

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
NIL						

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	15	15	2	6
Presented papers	45	10	2	Nill
Resource Persons	Nill	3	1	Nill

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
International YogaDay	NSS Unit	5	250
Blood Donation Camp	YRC	6	80
Blood Identification Camp	YRC	6	90
Training Session	RRC	6	120

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Motivation Activity	Best MotivatorAward	Sathya IAS Academy	150
Women Educator	SeniorWomen Educator and Scholar Award	National Foundation Entrepreneurship Development	95

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
NSS	NSS HITS	InternationalYoga day	2	100
NSS	NSS HITS	Road safetyawareness program	3	150

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year			
Nature of Activity	Participant	Source of financial support	Duration
Industrial Need Innovation	Students	Self	3

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
Sharing of Research Facilities	IOT, Robotics, Advanced	Texas Instrumentsand STEPS	07/05/2019	23/07/2019
Project Work	Flexible Picture for Terminal Bend joint Feeding in Water Wall Panels	Bharat HeavyElectricals Limited (BHEL), Tiruchy	05/01/2019	28/02/2019

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Surya Tech Solutions	10.09.2017	For Internship Training	25

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1300	1250.68

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area		
Class rooms		
Laboratories		
Seminar Halls		
Classrooms with LCD facilities		
Classrooms with Wi-Fi/ LAN		
Seminar halls with ICT facilities		
Video Centre		
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.		
Value of the equipment purchased during the year (Rs. in Lakhs)		
Others		

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LIBSOFT	Fully	10.0	2010

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	49954	157000	500	150000		
Reference Books	34500	100500	-	-		
e-Books	300	nil	-	-		
Journals	102	220000	-	-		
e-Journals	880	13500	-	-		
Digital Database	2033	0	0	0	2033	0
CD & Video	1278	0	0	0	1278	0
Library automation	65	0	0	0	65	0
Weeding (Hard & Soft)	0	13570	0	0	0	13570
Others (specify)	2033	0	0	0	2033	0

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	1100	17	300	1	1	1	10	100	10
Added	30	0	20	0	0	0	0	0	0
Total	1130	17	320	1	1	1	10	100	10

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

………100………… MBPS /GBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Logitech Group HD Camera Mic Speaker Computer with I3, 8 GB RAM, 500 GBHDD, Keyboard, Mouse, 43 TV Audio System	https://youtube/UO8vBarh7to

4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
Dr.M.Saravanan	Control Systems	http://175.101.12.228/moodle/login/index.php	01/07/2019
Mr.A.Kamal	Power Systems-I	http://175.101.12.228/moodle/login/index.php	01/07/2019
Ms. G,P Merline	ElectromagneticFields and Waves	http://175.101.12.228/moodle/login/index.php	01/07/2019
Ms.S.Sinthura Siva	Digital ImageProcessing	http://175.101.12.228/moodle/login/index.php	01/07/2019
Ms D Swapna	Cryptography andNetwork Security	http://175.101.12.228/moodle/login/index.php	01/07/2019
Ms.Nagaveni B, Mr. Murali Nath R	Discrete Mathematics	http://175.101.12.228/moodle/login/index.php	01/07/2019

4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
650	641.12	332	191.36

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. *(maximum 500 words)* (information to be available in institutional Website, provide link)

Physical Facilities:

College has a Site engineer and Maintenance Engineer to render the technical assistance for construction, building maintenance andrepair-works. The Maintenance team is taking care of painting, civil maintenance, plumbing work, electrical, and air-conditioning. Laboratory Maintenance: All the equipment and machinery of the laboratories are periodically maintained by the lab technicians. For the equipment to be serviced during the warrantee period the supplier of the equipment is intimatedand it is serviced either in-house or in the supplier premises based on the nature of defect. After warrantee period, the equipment's service will be takencare by the technical staff associated to the respective laboratory. The maintenance Mechanical/Electrical equipment is done periodically. A Breakdown Register is maintained in each the laboratory. As per the requirement, minor repairs are carried out by the lab assistant of the specific laboratory. Computer and Accessories Maintenance A dedicated System Administration team takes care of the maintenance of Computers, LCD Projectors, Printers and the networking equipment. They also maintain Internet utilization, firewall maintenance and CCTV Security Systems. The service and maintenance of the systems are done on regular basis. Electrical Maintenance • Each department lodges a complaint about the electrical maintenance work and give their requirement of electrical appliances to the Administrative officer, skilled Electrical Supervisors will monitor the

electrical maintenance on daily basis. The college has a 34 KWP solar plant which is maintained by the Department ofElectrical and Electronics Engineering. Library: Library updates its books repository on a yearly basis as per the changes in the curriculum. Requirementsfrom the students and faculty members are collected in the prescribed format for the books to be procured beyond the curriculum. Library committee discusses and approves the procurement of books. The library committee meets once in semester to upgrade and procure any additional and general books both technical and non-technical. To create good interest in reading every very month fiction. and nonfiction books worth of Rs.3000 are procured as per recommendations of students and faculty members. Sports Complex Maintenance and Utilization • All Sports amenities such as playgrounds and courts are under the control of physical directress. • The maintenance of the Courts is done on time. Students receive the sports kit from the physical education department for practicing by entering their name and roll number in material issue register and after completing the practice session the student returns the same in physical education store room. Other Maintenance Activities: • Maintenance of gardens, Tree plantation, Landscape maintenance done by gardeners under guidance of professional horticulturalist. • Maintenance of Lift is done by the service provider. • Every department has an intercom facility- EPABX. • Fire extinguishers are available in the campus and mock drills are regularly conducted. • Cleanliness of class rooms, corridors etc., are maintained by the housekeeping staff. Stock verification is done at the end of every year by the staff members deputed by the Principal.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Financial Assistance to students	560	1564000
Financial support from other sources			
a) National	Government of telangana student fees reimbursement scheme	625	11145000
b) International	Nil	Nil	--

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Personal Counselling	15/06/2018	156	Holy Mary Institute of Technology & Science
Yoga, Meditation	20/06/2018	270	Holy Mary Institute of Technology & Science
Bridge courses	14/07/2018	97	Holy Mary Institute of Technology & Science
Language lab	19/07/2018	128	Holy Mary Institute of Technology & Science
Remedial coaching	11/12/2019	760	Holy Mary Institute of Technology & Science
Soft skill development	20/07/2018	163	Holy Mary Institute of

			Technology & Science
Remedial Coaching for 14EET52 - Microprocessors and Microcontrollers	08/10/2018	18	Holy Mary Institute of Technology & Science

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2019	GATE Coaching	250	148	20	11

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
3	3	11

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Robert Bosch	15	4	Accenture	150	74
Zoho	350	60	hyderabad land survey	10	2
Soliton	250	15	Wipro	200	29

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2019	5	Holy Mary Institute of Technology & Science	Electronics and Communication Engineering	Vidya Jyothi Inistitute of Technology	M.Tech
2019	2	Holy Mary Institute of Technology & Science	Computer science and Engineering	GITAM University	M.Tech

2019	2	Holy Mary Institute of Technology & Science	Civil Engineering	University of Essex	MS
2019	2	Holy Mary Institute of Technology & Science	Electrical and Electronics Engineering	Sheffield Hallam University	MS

5.2.3Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
CAT	2	----
GRE	3	----
IELET	10	----
EAMCET	250	--
MAT	5	----

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Cultural Events	Institutional Level	60
Sports (All Events)	Institutional Level	200
Athletics	District Level	350

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2019	Winner	National	1	Nill	16C91A0026	Akash.V, III – MECH
2019	Winner	National	1	Nill	16C91A4020	Diya. A, III – ECE
2019	Winner	National	1	Nill	16C91A3013	Vijaya Raj. G, IV- CIVIL
2019	Winner	National	1	Nill	16C91A4035	Krishna Kumar, IV- CSE
2019	Winner	National	1	Nill	17C91A8028	Bhava Sri. S, II– EEE

2019	Winner	National	1	Nill	16C91A8028	Bhavana.T II– EEE
2019	Winner	National	1	Nill	17C91A8022	kailash.V II EEE

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

To ensure activities of student council representation in various academic and administrative bodies/committees. We have constituted various academic and administrative bodies comprising students. This representation and participation help them to learn leadership skills, academic process and resolve their issues through various and also ensure participation in sports and cultural activities. The involvement of the students starts from the selection of class representatives to their representation in all the committees formed in the institution. The role of class representatives is to participate in CR's and Mentors' meetings conducted regularly ,where they can express their academic and non-academic issues on behalf of their class. The various academic or administrative committees are formed for the welfare of the students and institution. The following are the different committees formed.All these information pertaining to activity of student council representation uploaded in the previous cycle. In this cycle we have improvising students activities in various academic and administrative councils/ bodies. • Sports committee • Anti-Sexual harassment Committee • Anti –Ragging committee • Grievance Redressal committee • Womens cell • NSS committee • IQAC Committee • Cultural Committee Meetings of each committee are regularly conducted pertaining to their requirements and plans for execution of the same.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

<div align="center">Yes</div>

On 10th May 2019, our Official Alumni Association was formed in the name 'HIT Alumni Association' by the provisions of Telangana Societies Registration Act, 1960. The main objectives of the Association are : • To strengthen the alumni network. • To provide a forum for bringing together the alumni to contribute effectively to the cause of engineering education and research in the country.

To promote professional, cultural, and social contacts among the members to enhance the further growth and prosperity of this great institution and her progeny. • To create opportunities and kindle the spirit of entrepreneurship among students and to support in their development by sharing the expertise, experience of the alumni. Under this alumni association, various alumni members have generously contributed for the welfare of the Institution. First Annual General Body Meeting was conducted on 11.7.2020. Annual Alumni Meet was organized on 25.08.2019

5.3.2 No. of registered enrolled Alumni:

<div align="center">200</div>

5.3.3 Alumni contribution during the year (in Rupees) :

<div align="center">2,20,000</div>

5.3.4 Meetings/activities organized by Alumni Association :

<div align="center">3</div>

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. We have established a very good practice of participatory management, as a rule, and we follow a decentralized procedure. All the activities in our college are organized by various departments forming

many teams, consisting of faculty and non-teaching staff members. 2. We conduct frequent meetings, at least once in a fortnight, among various committees formed and the deliberations of these meetings are shared to all 'stakeholders' of the college. Our top management level, consisting of our Principal, Deans, Head of departments, student club coordinators and other faculty members interact in order to implement best practices for students betterment. We submit here, some samples, about our college activities on Placement and Hackathon activities . The TAP cell is keen in exploring the industrial trend and their expectations from fresh engineering students. All the freshers should be "billable" from day one of their joining the company they get selected into. In every course the faculties are encouraged to conduct Quiz program to enhance students analytical skills and group discussions empower our students for placement and personal life qualities. The training and placement cell introduced many novel training programs from second semester onwards. All activities of the TAP cell are digitalized and we have an exclusive placement portal and exclusive placement coordinators from each department. Every student has been given a user ID and a password to login to the platform and learn and get all communication immediately. TAP cell has introduced "Skill Rack", an exclusive learning platform for all students. They learn, practice and gain points . based on which they are classified as bronze, silver and gold. TAP has a systematic online assessment for all students by "AMCAT", through a series of test with a duration of 2 or 3 hours every year through an exclusive online platform by "Aspiring Minds". The improvement of each student is monitored by mentors and placement facilitators, and the students advise permitted to join 'PEGA' certification program. This is completely handled by "Talent Sprint", a vendor who is authorized by PEGA-USA. The students completing the PEGA certification will have exclusive chance to participate in campus hiring done by 20 plus companies using PEGA software with a high compensation. TAP cell has also introduced a special training in C, C, Java for deserving students, with a maximum of 500 students. This is a 6 months program and its feedback is reflected through the campus placement result. The name of the program is "BYTS", done by a third-party vendor from Hyderabad. We are the only college in Hyderabad, doing this program. Also, TAP cell has signed a MOU with 'Virtusa" to

6.1.2 Does the institution have a Management Information System (MIS)?
 Yes/No/Partial:

YES

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each)**:**

❖   Curriculum Development
This is achieved in college level through university BOS, JNTUH, N/A to the Department

❖   Teaching and Learning
The Teaching-Learning Process is supported with Regular Practical Sessions, Digital Library. LCD projectors are used for seminars and workshops, etc., along with regular class room teaching. Accessibility of soft copies of study material is made available. • Program Outcomes, Program Specific outcomes and Course Outcomes are brought to the notice of Staff, students and parents through the institutional website under different department profiles. IQAC Contribute/Monitor/Evaluate the Teaching Learning processes. Faculty members are encouraged to attend Faculty Development Programmes, seminars and workshops for gaining knowledge in their field. • Personality development programme and soft skill programs for students.

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❖   Examination and Evaluation
The evaluation process comprises internal evaluation and external evaluation. Internal evaluation is for 25 marks and external evaluation is for 75 marks. Question papers are set following Bloom's taxonomy. Laboratory courses are internally evaluated for 25 marks – day-to-day evaluation is 15 and internal examination is 10, and externally evaluated for 75 marks. Industry Oriented Mini project is evaluated for

100 marks externally and the seminar is evaluated for 100 marks internally at the end of final year, first semester. Major project is evaluated for 25 marks internally and 75 marks externally at the end of final year, second semester

❖ Research and Development

Research and Development is continually encouraged by the administration through Research and Consultancy Cell, financial support for FDPs, publishing/presenting papers in the reputed as well as for project proposals. The institution provides opportunities to the faculty members to pursue Ph.D. and also assist financially to apply for patents. The institute provides research facilities in the emerging areas. A Research Committee under the Chairmanship of the Principal regularly reviews the progress. R D Cell also encourages the faculty members to apply, acquire and implement consultancy projects. The students also encouraged to participate in various Hackathons.

❖ Library, ICT and Physical Infrastructure / Instrumentation

A library is the heart of an academic institution. Our institution encourages all students and staff members to make the best use of the library that has been carefully built up since the inception of the college. The library is housed in a spacious area of 7750 sq.m., fully computerized with Reference Section, Magazine Section, Stack Area and Digital Library. Presently there are more than 70,000 books and reference volumes stacked for the benefit of staff and students. There is an established media resource centre. Our library follows the open access system and is encouraging students to browse in the stack area. The library subscribes more than 150 specialized journals, over one third of them being international Journals. Online journal and e-book collection also subscribed. Teachers have accessed internet and can download teaching materials and resources take photocopies through the reprographic facilities cost. The college provides the basic necessities for in terms of lab facilities, instruments and library facilities which provides good atmosphere for effective teaching and research

❖ Human Resource Management

Our college human resource management has adopted a new strategy in this year 2019-2020, by encouraging students to develop entrepreneurship skills, instead of seeking employment, and to train the students to open up new startups for those who graduate from our institution. We also encourage students to go for campus placement jobs and we guide the students to go abroad for higher studies as well. This centre constantly encourages our students and faculty members to involve in research and development activities, presenting papers in national and international conferences,text-book, chapter contribution,innovation, start-up, patent publications etc. We religiously organize workshop,refresher and orientation courses, DP/MDP/QIP for faculty quality enhancement in teaching learning process.Our non-teaching staff are also encouraged to undergo updation of their skill sets so that they are well equipped to guide the students in their labs and for their own betterment.Various training programs are organized for non-teaching staffs for improving their technical skills and mental well-being. Consultancy work by faculty ,paper publications, textbooks or chapters in text-books publications ,are also encouraged to a large extent in our college.

❖ **Industry Interaction / Collaboration**

Our Institution has an established Entrepreneur development cell where regular programmes with industries are organized, which brings together professionals from leading Enterprises, entrepreneurs, business leaders, alumni, industry experts, domain experts and strategic thinkers to deliberate the changing role of human capital in reshaping the career growth, opportunities and leadership roles for the students. The spears of industry connect begins with vetting the syllabus, Guest lectures, visiting faculty, examiners for project, mentor for projects, internships, industrial training, field visits, Research and placements. The college has industry driven curriculum. The Expectations of the corporate is received and the syllabus are updated accordingly. The MoU signed with Indian and Foreign institutions and industries are benefitting our students for placement and internship. Experts from industry are also included as members in the board of studies/academic council to share their views. Our Institution has MoUs with the corporate and Industries. All students are registered for internshala, this has been mademandatory, so that all students gets an opportunity to under go course in internshala.

❖ Admission of Students	

For Undergraduate Courses (B.Tech.) • A Category: 70 of seats are filled by Telangana State Council for Higher Education through a State Level Common Entrance Test (EAMCET) under "A" Category • B Category: 30 of the seats admitted by the management For Post Graduate Course (MBA): • 70 of seats are filled by Telangana State Council for Higher Education through a state level Common Entrance Test (ICET) • 30 by the management under "B" Category Quality and Merit in the Admission of Students The admission process in the institution is carried out in alignment with norms mandated by the JNTU Hyderabad. Students are admitted in the institution through counselling carried out by the Telangana State Council of Higher Education and through management quota. The admission team actively promotes students from other states to take admission in the institution by highlighting the infrastructure and hostel facilities being provided. HITS was established with a vision to provide quality technical education to students in rural areas and the institution in alignment with its vision admits a majority of students who are first generation college students from the reserved categories such OBC's, SC's, and ST's.

6.2.2 : Implementation of e-governance in areas of operations:

❖   Planning and Development

Planning and development is an important criteria and it is the first step for any successful institution.Our college has a Planning and Development committee which looks after the academic and non academic activities. This committee is reporting the progress to principal. At the commencement of the academic year, the academic calendar and examination schedule has been prepared and communicated to the department through the mail. At the beginning of the semester, the following list of modules have been prepared and used , learning management system, course handling details of the faculty, faculty attended FDP, Online Job Application, Faculty report, student details of each semester, course details, number of hours required, course code, branch and other details of the course. The facilities and infrastructure for each department has been planned.

❖   Administration

Finance and Accounts
Accounts are computerized and fee collection is made through e-payments /
NEFT / RTGS. • Tally software package is used.

❖   **Student Admission and Support**

The software is developed so as to fulfill the need of Student admission and Support. As the admission process is online, Student Admission Form are also provided. Students submit printouts and required documents at respected counters. The software is also used for student support like Biodata of the student , and Issue of Bus Cards Online Fee payment, Import Bulk receipt who pay the fee through online, Student Bonafide, Student Contact, Students address report, Student Subject Feedback, Feedback submission by students.

Examination
Complete Automation of Examination Management System. • Examination Fee collection, Hall Ticket Generation,Result Declaration through ERP software. • Inclusion of booklet with barcode. • Inclusion of security features in grade cards.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Senthilbalaji M	11th internation exergy,	NA	8250

		energy and environment symposium,SRM, Chennai		
2018	Saravanan K	2nd ICSTR Bali - International conference on science and Technology Research,Bali	NA	61000
2018	Ayyappan P R	Applied Energy,Malardelan University, Sweden	NA	25300
2018	Varun B	Supra Saeindia 2018,Buddh international circuit, Noida	NA	30500

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2018	Guest Lecture on Power electronics and its applications	NA	21.07.2018	50	Nill
2018	Guest Lecture on renewable energy systems - Plant Science Research	NA	07.06.2018	75	Nill

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Faculty Development Programme	12	17-09-2018
Orientation Programme	32	10-07-2019

6.3.4   Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Full time	Permanent	Fulltime/temporary
240	Nill	160	Nill

6.3.5 Welfare schemes for

Teaching	1.Provident Fund. 2. Gratuity 3. Medical Insurance 4. Accident insurance 5. Six months maternity leave for female faculty 6. Gift voucher for marriage

	7.Laptop scheme. 8. Rewards and recognition during Teachers day (Coupon, Plague and Certificates) 9.Incentive for publications in Scopus and Web of Science Journals. 10. Financial support to attend FDP, Workshop, National and International Conferences. 11. Yearly performance incentives and special incentives.12. PhD allowance for those who have completed Ph. D. 13.Subsidised transport facility
Non teaching	1. Provident Fund. 2. ESI 3. Gratuity 4.Medical Insurance 5. Accident insurance 6. Six months maternity leave for female faculty 7.Gift voucher for marriage 8. Laptop Scheme. 9. Financial support to attend FDP, Workshop,National and International Conferences. 10. Yearly performance incentives and special incentives.11. Subsidised transport facility
Students	•Scholarships • Medical facilities •Financial assistance to participate in sports at National/University level

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

 (with in 100 words each)

Institution conducts internal and external financial audits regularly. Audit will be conducted at the end of each financial year. The auditors will visit to college at regular intervals, they will verify all financial transaction with the supporting documents and approval of proper authority for each financial transaction. The financial transactions are accounted in Tally ERP by the college. Audit is conducted in accordance with the Auditing standards generally accepted in India. They plan and perform procedure to obtain the reasonable assurance about whether the financial statements are free from material misstatements. Auditor will examine on a test basis evidences, supporting for the amounts and disclosure in the financial statements. It also includes assessing the accounting principles used and management estimates and evaluation of overall financial statements presentation. All financial transactions accounted and financial statements like Balance sheet and Income and Expenditure are also verified. Such financial statements will be signed and approved by Auditor and Management. Based on the audited financial statements, auditor will issue "Audit Report"

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
HMGI TRUST	2200000	Up gradation of Research Laboratories of all Departments

6.4.2 Total corpus fund generated

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Academic	Yes	Academicians from premier institutions	Yes
Administrative	Administrative	No	Nill	Yes

6.5.2 Activities and support from the Parent – Teacher Association (at least three)				
Parent- Teacher meeting conducted every year to communicate the progress of the students . Feedback are received from parents in Teaching-learning process for further improvement. Parents of first year BE/B.Tech students are invited for the orientation programme "SWAGATHAM" on the first day and elaborated about the academic practices of the institution Parents are also the members of the IQAC.				
6.5.3 Development programmes for support staff (at least three)				
Programs have been conducted in the area of maintenance and upkeep facilities available in the Institution.1.Yoga classes were arranged for the interested staff members to maintain their health. 2.The basic computer training on MS office was conducted to improve the computer skills.3. Spoken English class is being conducted for the supporting staff to improve their communications. 4.Hands on training for Servicing and Maintenance of Equipment. 5. Training Programme for First Aid.				
6.5.4 Post Accreditation initiative(s) (mention at least three)				

6.5.5

a. Submission of Data for AISHE portal   : Yes
b. Participation in NIRF   : Yes
c. ISO Certification   : No
d. NBA or any other quality audit   : Yes

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to------)	Number of participants
2019	Value Added Course on Learn from Home: Personal Interview Practice	18/04/2019	15/05/2019-25/05/2019	200
2019	Value Added Course on Learn from Home: Aptitude Training Series	05/04/2019	06/04/2019-13/04/2019	175
2019	Value Added Course on JAM Training Program	03/02/2019	04/02/2019-09/02/2019	200

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period **(from-to)**	Participants	
		Female	Male
Women's day celebration	10/03/2019-11/03/2019	165	105

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:
Percentage of power requirement of the College met by the renewable energy sources

The institute installed roof top solar panel across the campus for the power generation. The generated 90 percent of the power is utilized for the needs of institution power requirement.

7.1.3 Differently abled (Divyangjan) friendliness		
Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	YES	NIL
Provision for lift	YES	NIL
Ramp/ Rails	YES	NIL
Braille Software/facilities	YES	NIL
Rest Rooms	YES	NIL
Scribes for examination	YES	NIL
Special skill development for differently abled students	YES	NIL
Any other similar facility	YES	NIL

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2018	1	1	05.09.2018 to 07.09.2018	3 Days	"Swachh Bharat Abhiyan" (Clean India Mission)	We gave the awareness about effects of plastic usage for human health and environment to the public. We issued the cloth bags to the public.
2018	1	1	20.08.2018	1 Day	One Day Awareness Programme	Cyber Security for Women
2018	1	1	12.07.2018 to 13.07.2018	2 Days	Two day awareness camps in Puliyampatti	We gave the awareness about effects of plastic usage for human health and environment to the public. We issued the cloth bags to the public.

2019	1	1	09.08.2018 to 10.08.2018	2 Days	Two day awareness camps in Elakkapuram	We gave the awareness about effects of plastic usage for human health and environment to the public. We issued the cloth bags to the public.
2019	1	1	24.07.2018	1 Day	Blood Donation Camp	In this camp students and staff members were donated their Blood as a humanity Service.
2018	1	1	18.09.2018	1 Day	Blood Donation Camp	Blood test was conducted for villagers of bogarm
2019	1	1	04.02.2019	1 Day	Medical Camp	NSS with the help of Primary Health centre organized medical camp

7.1.5 Human Values and Professional Ethics		
Code of conduct (handbooks) for various stakeholders		
Title	Date of Publication	Follow up (maximum 100 words each)
Academic Calendar	07/06/2018	Academic Calendar comprising Events , Examination schedules and Holidays

7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-------to-------)	Number of participants
Yoga Day celebration	20.06.2018	11.06.2018
Road Safety Awareness Program	15.07.2018	27.07.2018
Woman's Day Celebration	08.03.2019	08.03.2019

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

Initiatives were taken to create healthy ambience in and around the campus. They are: • Tree plantation, • Water management. • Sewage treatment , • Reduced usage of papers by automation, • Rain water harvesting(12018018 feet) capacity: 2 crore litres • Plastic free campus
7.2

7.2 Best Practices

Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

Best Practice I :Faculty revalidation programme Objectives:
1.To develop faculty members in terms of their pedagogy and knowledge updation
2.To encourage research activities of the faculty members 3. To make faculty members professionally efficient Process and practice: The Institution aims at faculty development in terms of their pedagogy, research initiatives and project proposal submission so as to benefit for the student community. To achieve, a separate department known as Faculty Development Department is established to look into the matters of teaching skills, communication skills, research skills, use of ICT, of the faculty members like class room teaching, research efforts and paper presentations. The performance of the faculty is constantly validated and revalidated for further enhancement of knowledge, skill, expertise and attitude. As the faculty is the asset of an institution the performance is periodically strengthened. To ensure the same professionalism of the faculty, different training and orientation programmes are conducted. Preservice training courses are organized to benefit those who joined as freshers to the service. The Faculty Revalidation Programme is being conducted annually, where all the faculty members present their teaching skill by taking class on any content of the subject that they are handled in the current semester. They are being evaluated with seven components of teaching criteria such as subject knowledge, communication skill, and eye contact, method of teaching, teachingaids, voice and interaction by the panel of subject experts. Feedback and remedial measures are given to the faculty then and there itself, to improve their efficiency of knowledge updation and teaching skills. The teachers are asked to present and publish research papers in the International Journals. Impact of this practice: This kind of practice has a tremendous effect on the academic performance of classroom teaching. This ensures quality in teaching and learning process. This practice has made an impact on teachers to be effective on their pedagogical skills and professionalism. The teachers also felt that there was a tremendous difference in their teaching pattern and delivery mechanism. They were able to analyse themselves and change accordingly for the benefit of the students. This kind of input mechanism trains the teachers in their teaching and contribute the quality learning process to the students community Best Practices-II: Programs enabling the holistic personality of the students Objectives: To make students 1. to develop technically and professionally competent 2. to develop holistic personality 3. to be socially responsible Process and practice: The main focus of this practice is to make the students technically and professionally proficient. It is the responsibility of an institution to mould the personality of a student holistically and professionally for better future of the society. The students' personality is thus developed by making them emerge as technically and professionally competent and socially responsible citizen of the country. Apart from these activities, the student should be shaped physically, mentally, morally, ethically, technically and socially sound. As our culture insists upon, Mathru devo bhava, Pithru Devo bhave, Acharys devo bhava and Athiti devo bhava. In order to inculcate this, Value Oriented practices such as Padha Pooja to parents during Induction programme and salutation to the teachers in the form of Padha Pooja on Teacher's day are encouraged. It is said that the parents are the first teachers and teachers are considered to be the second parents. By practicing this, the students naturally inculcate the value of gratefulness and respect towards their parents and teachers. This practice has a great effect on students to know about the great culture

and tradition of our country. This gives an insight into the act of being human and the importance of adherence to Human Values. Similarly, the institution provides various orientation programme through International trainers on "Goal setting" and "Time-management" to the first year students to develop and achieve short term and long term goal. This is being followed by Review and review programme, for the second, third and final year students so as to achieve the goal with in stipulated time. This practice paves the way to set the goal and the strategy to achieve it. Impact of this practice: This kind of the practice gives an intuition to the students to be more relevant to the society. The internship paves the way for the students to be aware of various industrial needs. The students felt that these activities gave a clear picture of future job opportunities. Apart from these, the padha pooja makes the students to realize the responsibility as a son ,student and as a future citizen of the country. The students exhibit their respect and regard to the culture of our traditional value

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the web link of the institution in not more than 500 words

Holy Mary Institute of Technology & Science (HITS) was Established in 2001, The college strives to impart qualitative technical education through innovative teaching methodologies. The college strives to establish itself as a world class education center for teaching, learning, research & training, with modern facilities and vast expanded landscape. The college campus provides perfect ambience for higher learning. HITS is an inspiring institute with the sate of the art facilities for students to meet the requirements of the industry.The institute has groomed an effective human resource for Indian/foreign industry and government administrative services. The success of industry-focused education given at HITS can be witnessed through the contribution of HITS alumnus in the industrial development, IT industry, and management education. Entrepreneurship is another major focus at HITS. The alumni are successful in creating enterprises in various fields of Engineering. HCL,PRICOL, and more than 500 small and medium companies were established in Coimbatore and all over India by the alumni. Holy Mary Institute of Technology & Science (HITS) has ranked higher in many of the surveys conducted during the year 2020 and the details are listed below.

Holy Mary Institute of Technology & Science Ranking for B.E. / B.Tech

All India	Publishers	State/City
86 in 2020	**Outlook**	4th Best among Outlook ranked colleges in Hyderabad in 2020 >
148 in 2021	THE TIMES	19th Best among Times ranked colleges in Hyderabad in 2021 >
169 in 2021	THE WEEK	17th Best among The Week ranked colleges in Hyderabad in 2021 >

8. **Future Plans of action for next academic year (500 words)**

- To get NBA accreditation for all the courses and achieve Autonomous Status To introduce new programmes • To be among the top 60 institutions in the country in NIRF • Introduction of Innovation Practicum courses through Forge • Project Germinate and Online Teaching-Learning Process •Schedule International conferences and STTPs through online mode • Maintaining a green campus • Introduction of UHV courses for the forthcoming batches as per AICTE guidelines • To fetch more external RD grants • To enhance number of patents publications • Placement of students in high profile companies with a higher salary • Bringing up

Name :solmon   *Name : Dr.Bhaskar reddy*

solmon   *Dr.Bhaskarreddy*

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____

Abbreviations:

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution

****

The Annual Quality Assurance Report (AQAR) 2019-20 of the IQAC
(For Affiliated/Constituent Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, June 1, 2017 to May 31, 2018)*

Part – A

Data of the Institution
(data may be captured from IIQA)

1. Name of the Institution   HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE

- Name of the Head of the institution :   Dr. P. Bhaskara Reddy

- Designation: Professor & Director

- Does the institution function from own campus: Yes

- Phone no./Alternate phone no.:   9848511063

- Mobile no.: 9848511063

- Registered e-mail: principalhitscoe@gmail.com

- Alternate e-mail : principalhitscoe@hmgi.ac.in

- Address   :Bogaram (Vil), Keesara (Mdl), Medchal- Dist. , Telangana

- City/Town   : Hyderabad

- State/UT   : Telangana

- Pin Code   : 501301

2. Institutional status:
- Affiliated / Constituent: Affiliated
- Type of Institution: Co-Education
- Location : Semi-Urban
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify)

- Name of the Affiliating University: JNTUH
- Name of the IQAC Co-ordinator :   Dr R Jothi Murugan & Dr M. Sarvananan
- Phone no. : 8341250534 , 9842044321
- Alternate phone no.: 8341250534 , 9842044321
- Mobile: 8341250534 , 9842044321
- IQAC e-mail address: iqac@hmgi.ac.in
- Alternate Email address: jothimurugan.r@hmgi.ac.in, sarvanan.m@hmgi.ac.in

3. Website address:

Web-link of the AQAR: (Previous Academic Year): https://www.hits.ac.in/AQAR 2019-20

4. Whether Academic Calendar prepared during the year? Yes

Yes/No....., if yes, whether it is uploaded in the Institutional website:

Weblink: https://www.hits.ac.in/Academic-Calendar

5. Accreditation Details: from: to: 26/11/2022

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1st	A	3.12	2017	from: 27/11/2017 to:26/11/2022

6. Date of Establishment of IQAC: DD/MM/YYYY: 15/2/2015

7**.** Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Workshop in work ethics	**06/07/2019 & 1 Day**	53
5 Day workshop on Quality Improvement in Teaching	**11/06/2019 to 15/06/2019 & 5 Days**	57

Note: Some Quality Assurance initiatives of the institution are:
    (Indicative list)
- *Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements*

- *Academic Administrative Audit (AAA) conducted and its follow up action*
- *Participation in NIRF*
- *ISO Certification*
- *NBA etc.*
- *Any other Quality Audit*

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr.E.D.Francis, Professor in Mechanical Engg as a coordinator.	Seminar Grant Programme "Emerging Trends of Nanocomposites & Nano technology and Its Applications"	SERB	2019	Rs. 1,50,000/-

9. Whether composition of IQAC as per latest NAAC guidelines: Yes

  *upload latest notification of formation of IQAC

10. No. of IQAC meetings held during the year:02

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website…….

Yes   (Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?   No

  If yes, mention the amount: NA

12. Significant contributions made by IQAC during the current year (maximum five bullets)

* Improvement in effective utilization of ICT during the lecture sessions.

*Continuous evaluation of Teaching and Learning Process lead to significant improvement in results.

*Emphasis has been laid on course files documentation

*IQAC Cell in coordination with EDC Cell has mentored two Start-ups.

*Emphasis has been laid on Lab Courses and Preparation of High Quality Lab Manuals.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
To Organize at least One FDP Program on emerging technologies per Semester	HITS has conducted 3 workshops of ICT Learning, Pedagogy Teaching, and Techniques for writing high quality research papers in the academic year 2018-19.
Green Initiatives	Paper usage policy has been implemented. Ahimsavanam- a tranquil forest garden is created
Hands on Training to Faculty members on Project based learning	Conducted for Engineering Clinic and C Programming for Faculty members
Sensitizing faculty and students in IPR through IIC and IPR cell	Conducted more than 50 programs under Institution Innovation Cell during pandemic period. 8 Patents were filed and 7 were published in 2019-20
Alumni - Industry Interactions with Students	Alumni talk series conducted through Alumni Cell. Departments arranged webinars for students involving Alumni as resource person. Webinars were organised by CLED and Alumni cell under HITS Platform for Online Learning SPROUT
Mentoring Students	Training on "Effective mentoring" was given to 140 faculty members through six day webinar series

14. Whether the AQAR was placed before statutory body?   Yes

   Name of the Statutory body: BOG   Date of meeting(s):

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?
Yes/No: Yes   Date:

 16. Whether institutional data submitted to AISHE: Yes/No:

Year:2019   Date of Submission:

17. Does the Institution have Management Information System?
Yes

If yes, give a brief description and a list of modules currently operational.
(Maximum 500 words)

For students, there should be a mentor-mentee relationship. Analyze the outcome For the purpose of conducting online class groups, a database of official student email addresses was generated. HITS students, faculty, and non-teaching staff can participate in webinars. Webinars for the general public at Covid19 with a focus on physical and mental well-being. Adequate and timely disclosure of all notices on the college website; screening of teaching personnel and librarian Promotion materials.

Part-B

CRITERION I – CURRICULAR ASPECTS
1.1 Curriculum Planning and Implementation
1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words
The college has a well-planned and structured curriculum delivery and documentation system. The academic calendar is formulated before the beginning of each semester and preparations for the next semester are also done well in advance. Timetables (Course wise, class wise and faculty timetables) are uploaded in the college website for the students' assistance. The college maintains transparency in uploading monthly attendance in its website & students and parents are informed formally for any short of attendance. After the adoption of Choice Based Credit System by the JNTUH, it is ensured that students are offered papers of their choice well in advance before the semester begins. Departments also prepare in advance to cater to the preferences taken by students. Every year, orientation sessions for the Generic Electives (GE) papers are being carried out by the departments to make students aware of the GE courses, papers and syllabi. Students are encouraged to meet teachers in order to sort their queries and make an informed choice of GE options. A highly qualified, dedicated, diversified, faculty with the help of advanced infrastructure/resources and software tools fulfills the rigor of the curriculum. A variety of teaching methods are adopted by faculty members to improve student learning. These are- • Use of Power point presentations • Providing handout of study material • Mailing of practice assignments • Use of Open resource material and e-lessons   • E learning oriented project submission and evaluation • Periodic performance evaluation and feedback • Audio-Visual aids (films and videos on subject related topics) • Standard chalk and discussion method Both formative and summative approaches of   assessment are used to measure students' achievement. The students are continually assessed throughout the semester based on their performance in class tests, assignments, projects, presentations, and quizzes. The laboratory class also follows a continuous evaluation system. The lab records are maintained properly for documentation. Internal assessment records are prepared at the end of every semester and are made available to students to check for any discrepancy. All communication regarding evaluation reforms are displayed on notice boards, college website and are shared with students and faculty members.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on Employability/ entrepreneurship	Skill development
Coursera Course	Nil	01/07/2019 & 30	Focus on Employability	Skill Development
Edx Course	Nil	01/07/2019 & 30	Focus on Employability	Skill Development
NPTEL Course	Nil	01/07/2019 & 30	Focus on Employability	Skill Development
Software Engineering	Nil	01/07/2019 & 200	Focus on Employability	Skill Development
Flipkart Mentorship	Nil	25/01/2020 & 60	Focus on Employability	Skill Development
Amazon Mentorship	Nil	02/12/2019 & 112	Focus on Employability	Skill Development

NASSCOM Future skills	Nil	02/12/2019 & 365	Focus on Employability	Skill Development
Cloud computing Workshop	Nil	19/11/2019 & 1	Focus on Employability	Skill Development
Ethical hacking and cyber security	Nil	18/09//2019 & 2	Focus on Employability	Skill Development
Role of Artificial Intelligence and Machine Learning in the development of Society	Nil	29/10//2019 & 1	Focus on Employability	Skill Development
Cyber Security and Ethical Hacking	Nil	06/01//2020 & 2	Focus on Employability	Skill Development
Machine Learning Concepts	Nil	17/08//2019 & 1	Focus on Employability	Skill Development
Internet of Things(IOT) using TIVA C Launchpad	Nil	27/12/2019 & 2	Focus on Employability	Skill Development
AI and Speech Applications	Nil	17/08//2019 & 2	Focus on Employability	Skill Development
Fun with Electronics -3 Day Boot Camp	Nil	28/05//2020 & 3	Focus on Employability	Skill Development
VLSI Design using Verilog HDL	Nil	25/09//2019 & 1	Focus on Employability	Skill Development
Technical talk on 'THE ROLE OF GIS IN DISASTER MANAGEME NT IN THE PRESENT DAY SCENARIO'	Nil	27/07//2019 & 1	Focus on Employability	Skill Development

Guest Lecture on Data Science	Nil	20/01//2020 & 1	Focus on Employability	Skill Development
Workshop on Android Programming	Nil	21/09//2019 & 3	Focus on Employability	Skill Development
Test Your Skills in Machine Learning with Python	Nil	15/06//2020 & 4	Focus on Employability	Skill Development
Intellectual Property and Innovation Management for Startups MSMES	Nil	28/05//2020 & 3	Focus on Employability	Skill Development
A National Level Awareness Programme of MSME	Nil	15/06//2020 & 1	Focus on Employability	Skill Development
A One day workshop on "Problem Ide-ntification and Validation"	Nil	29/10//2019 & 1	Focus on Employability	Skill Development
Competitive coding by Being Zero	Nil	01/07//2019 & 82	Focus on Employability	Skill Development
Competitive coding by Smart Interviews	Nil	01/07//2019 & 78	Focus on Employability	Skill Development

1.2.1 New programmes/courses introduced during the Academic year

Programme /Course	Date of Introduction	Programme Specialization	Date of Introduction
B.Tech	15/07/2019	Electronics and Communication Engineering (Coding Theory and Techniques)	15/07/2019
B.Tech	16/12/2019	Computer Science and Engineering (Real-Time Systems)	16/12/2019
B.Tech	16/12/2019	Computer Science and	16/12/2019

B.Tech	16/12/2019		Engineering (Entrepreneur Resource Planning)	
B.Tech	16/12/2019		Electronics and Communication Engineering (R Programming)	16/12/2019
B.Tech	16/12/2019		Electrical and Electronics Engineering(Lin ux Programming)	16/12/2019
B.Tech	15/07/2019		Computer Science and Engineering (Data Mining)	15/07/2019
B.Tech	15/07/2019		Electronics and Communication Engineering (Microwave Engineering)	15/07/2019
B.Tech	15/07/2019		Electrical and Electronics Engineering(Pow er Semiconductor Drives)	15/07/2019

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
B.Tech	Civil Engineering		15/07/2019		
B.Tech	Computer Science Engineering		15/07/2019		
B.Tech	Mechanical Engineering		15/07/2019		
B.Tech	Electronics and Communicati ons Engineering		15/07/2019		
B.Tech	Electrical and Electronics Engineering		15/07/2019		

MBA		Business Administr-ation	15/07/2019		

Already adopted (mention the year)

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Courses
No of Students	1658	Nil

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year

Value added courses	Date of introduction	Number of students enrolled
Quantity surveying Building Estimation	05/03/2020	65
Sketch Up	09/09/2019	45
Java Fundamentals	03/08/2019	130
RedHat	09/08/2019	75
CCNA	16/07/2019	23
ADX-201 Salesforce Administrator	01/07/2019	29
IOT System Architecture Protocol	10/09/2019	40
Embedded Protocol Developer	16/09/2019	190
Smart Phone servicing and Troubleshooting	18/12/2019	65

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
B.Tech Civil Engineering	57
B.Tech Computer Science and Engineering	120
B.Tech Electronics Communications and Engineering	117
B.Tech Electrical and Electronics Engineering	52
B.Tech Mechanical Engineering	54

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

The feedback about the syllabus and its compatibility with the industry is collected from all the stakeholders. The feedback form is designed in such a way that it records the opinion of the stakeholders not only about the industry requirements, but also about the personality development of the students,entrepreneurship skill development, awareness on higher studies, Research and Development. The feedback form records the view of the stakeholders regarding the syllabus in • improving professional competencies, • satisfying industry requirements and expectations of the parents, students and recruiters •suitability of the syllabus to the current scenario in Industry, Research Development and practical applications • Satisfying the outcome based education and societal needs • Instilling ethics and discipline in the student community The feedback from

alumni throws light into the preparedness of the students for the industry. The feedback from the industry personnel is also collected. There is a representation of all these stake holders in the Board of Studies, Governing Council and Department Advisory Body. The feedback and opinion is collected during the regular meetings and is included while planning for the actions to be taken to bridge the gap between the syllabus and the industry requirements. The feedback collected is analysed and discussed in Academic Council meetings and Governing council meetings. Action plan is drafted to cover up the bridge between the academic and industry requirements. The actions taken by the institution to supplement the syllabus are as follows: 1. Guest lectures, seminars, workshops, Industrial visits and training programmes to supplement the curricular inputs. 2. Specially planned and scheduled video lectures and subsequent brain storming sessions 3. Group Discussion sessions for all the students 4. Financial aid for students and faculty who are publishing in reputed indexed journals 5. Travel aid for students and faculty for attending and presenting their papers in international conferences 6. Encouraging students to do innovative project work of national interest through participation in Hackathons and coding contests and further supported by IIC, IEDC cells in the institution. 7. Students are encouraged to pursue online courses in various MOOC platforms like NPTEL, Udemy, Coursera, NASSCOM Futureskills, ICT Academy Skilledge, Learnathon. 8. Students are trained through EDC and an awareness program is conducted every year for entrepreneurship opportunities and the incubation cell of the college supports students who are interested to set up their own start up companies

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1. 1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B.Tech Civil Engineering	60	57	42
B.Tech Computer Science and Engineering	120	220	120
B.Tech Electronics Communications and Engineering	120	199	115
B.Tech Electrical and Electronics Engineering	120	140	110
B.Tech Mechanical Engineering	60	59	49
MBA	60	60	52

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution	Number of teachers teaching both UG and PG courses

				teaching only PG courses	
2019	2800	288	205	46	56

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT *(LMS, e-Resources)*	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
205	205	34	65	12	10

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

The idea of mentoring has located utility in truly each discussion board of learning. In academics, mentor is frequently used synonymously with institution adviser. A essential distinction among mentoring and advising is greater than advising mentoring is a personal, in addition to, expert dating. Good mentors are capable of percentage existence reviews and wisdom, in addition to technical expertise. They are right listeners, right observers, and right problem-solvers. They take the time to know, accept, and appreciate the dreams and interests of a scholar. A mentoring dating develops over an prolonged period, in the course of which a college students desires and the nature of the connection have a tendency to change. A mentor will attempt to be aware about those modifications and range the degree and form of attention, assist, advice, facts, and encouragement that she or he provides. The mentor seeks to assist a scholar optimize an academic experience, to help the scholars socialization right into a disciplinary culture, and to assist the scholar discover appropriate employment. Mentors are advisors, humans with profession experience inclined to percentage their expertise supporters, those who supply emotional and ethical encouragement tutors, humans who supply unique remarks on ones overall performance masters, withinside the feel of employers to whom one is apprenticed sponsors, reassets of facts approximately and useful resource in acquiring possibilities models, of identity, of the sort of individual one have to be to be an educational. A multi-faceted definition of mentors as those who: • take an interest in growing some other individual's profession and well-being. • have an interpersonal in addition to a expert dating with the ones whom they mentor. • Advance educational and expert dreams in instructions most preferred with the aid of using the individual. • tailor mentoring patterns and content material to the individual, which includes modifications due to variations in culture, ethnicity, gender and so on. What does the mentor do? • Model expert responsibility • Demystify graduate school • Encourage the powerful use of time • Oversee expert development •Develop mentee's communication, examine and private skills • Develop techniques for coping with each personal and educational problems • Identify dreams and set up a feel of direction • Give treasured perception into the next level profession Mentor Mentee Interaction: Mentor mentee interactions are taken into consideration to be the principle driving electricity for the mentoring system. Mentor meets their mentees on a everyday basis (commonly in a fortnight) and evaluations their attendance, overall performance in elegance and laboratory, consequences of examination (each inner external), and different problems so that it will assist of their universal development. A few tasks/ facts that a mentor collects are:Find out approximately the scholar's preceding academic

reviews and why she/he determined to visit graduate school. What does the scholar desire to reap in pursuing a graduate degree? Discuss the studies projects and the way they supplement or diverge from the scholar's interests. Offer hints approximately publications the scholar have to take, labs that is probably appropriate, and different education reviews s/he have to seek.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2872	281	1:15

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
220	220	20	17	42

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Sk. Mahaboob Basha	Assistant Professor	Qualified swayam nptel for IOT
2019	B.Ravi Kumar	Associate Professor	Qualified UGC-NET for Assistant Professor
2019	Dr M.Saravanan	Associate Professor	Patent in Title of the invention : AD-HOC NETWORK WITH INTEL GALILEO

				GEN2 BASED POWER DEMAND CONTROL
2020	Dr A Sathish Kumar		Associate Professor	Outstanding Teaching Excellence in Higher Education in Telangana by Brand Opus, Leadership Icon Awards 2020.
2019	Mr. Y. David Solomon Raju		Associate Professor	"Dynamic Teacher of the Year" at International Education Awards, GOA 2019
2019	Mr. Y. David Solomon Raju		Associate Professor	Awarded Official Spotlight Certificate in EET CRS – 8th Academic Brilliance Awards-2020
2019	Mr. Y. David Solomon Raju		Associate Professor	Editorial Member in International Journal of Electronics Communication and Computer Engineering IJECCE

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
B.Tech	**UG**	**IV-Sem**	**07/12/2019**	**18/12/2019**
B.Tech	**UG**	**III-Sem**	**25/11/2019**	**12/12/2019**
B.Tech	**UG**	**II-Sem**	**04/12/2019**	**21/12/2019**
B.Tech	**UG**	**I-Sem**	**22/01/2020**	**28/01/2020**

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Holy Mary Institute of Technology and Science is affiliated to JNTUH, Hyderabad. Continuous Internal Evaluation (CIE) is carried out as per JNTUH Evaluation system as follows: For Theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for descriptive paper). The objective paper is set with 20 multiple choice, fill in the blanks and matching type of questions for a total of 10 marks. The descriptive paper shall contain

4 full questions out of which, the student has to answer 2 questions, each carrying 5 marks. While the first mid-term examination shall be conducted on 50 of the syllabus, the second mid-term examination shall be conducted on the remaining 50 of the syllabus. 5 marks are allocated for assignments (as

specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in Continuous Internal Evaluation. If any student is absent from any subject of a mid-term examination, an on-line test will be conducted for him by the University. For Practical subjects there shall be a continuous internal evaluation during the semester for 25 marks and 75 marks for semester end examination. Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned. The semester end examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the clusters of colleges which are decided by the examination branch of the University.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Holy Mary Institute of Technology & Science is affiliated to JNTUH, Hyderabad. The Academic Calendar for UG and PG courses will be prepared by the affiliating university and communicated to the affiliated colleges before the commencement of Academic year. The affiliating university sends an academic calendar before the start of every academic year. This calendar has the details of start and end dates of both even and odd semesters, dates of internal examinations and other major events. The College Academic Committee (CAC) prepares a calendar with the details of proposed dates of institute level technical and non-technical events in line with the university academic calendar. Each department prepares a department specific academic calendar year wise in line with JNTUH academic calendar and college calendar of events. All the tentatively scheduled technical and nontechnical events planned by the department are also included. The institute adheres to the academic calendar for the conduct of continuous internal evaluation. All the affiliated institutes of JNTUH should conduct two internal examinations as scheduled by the university for half of the syllabus in each examination. The academic calendar is available on college website and displayed on notice-boards in the respective departments. The institute follows the time frame given by the university to conduct internal examinations, evaluation of answer scripts and submission of marks to the university. In the academic year 2019-20, all the departments have prepared academic calendars in the defined procedure and adhered to it until the disturbance caused by the pandemic. Due to pandemic, the affiliating university dynamically changed the scheduled for laboratory classes, internal examinations, external examinations, etc. The institute shared the information provided by the university to students and followed the schedule time to time.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes
for all programs offered by the institution are stated and displayed in website of the institution
(to provide the weblink)

https://hits.ac.in/Write_UPs-and-Links1.pdf

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
	B.Tech (CSE)	115	104	92%
	B.Tech (ECE)	104	91	90%
	B.Tech (EEE)	105	81	80%

	B.Tech (ME)	61	45	75%
	B.Tech (CE)	60	35	55%

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://hits.ac.in /Student-Satisfaction-Survey-2019-20-.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

3.1.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Industry sponsored Projects	180	Gorinta Hotels Private Limited	3.5	3.5
Interdisciplinary Projects	360	Trend Automation	0.75	0.75
Industry sponsored Projects	180	One Yes Technologies	1.69	1.69
Industry sponsored Projects	180	Aazhivion Technologis India Pvt.Ltd.,	3.45	3.45
Minor Projects	365	ANANDAM WORLDCITY GOLD BRICKS INFRASTRUCTUREPVT LTD	1.25	1.25

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights **(IPR)** and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
Seminar on Road map forPatent creation	CSE	06/06/2019
Workshop on Patent drafting and filingprocedure	CIVIL	01/07/2019
Session on Reverse Engineering and Patenting	MECH	18/07/2019
Higher Education	All Departments	06/11/2019

opportunities in France		
International Online workshop on Industrial Relevance of Electrical Engineering (FDP)	EEE	15/06/2020
Webinar on Advances inGIS	CE	09/06/2020
Webinar on Patent Drafting and Filing procedure	All Departments	16/05/2020

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
A Hybrid Security Scheme for Safeguarding Different Kinds of Big Data Outsourced to Cloud	Dr P.Bhaskara Reddy		13-03-2020	
Regenerative Air Powered Micro Mobility skills	Joshua, Final Year	Autotech Review at NugenMobility Summit 2019, Manesar, Haryana	27/11/2019	Regenerative Air Powered Micro Mobilityskills
Soil Nutrient Survey and Google Map Cartography	Ms. K. Bhavya Sri	AnithaB.org,India	08/11/2019	Esteemed Speaker - GHCI 19
Anegoo	Ms.C.JahnaviSai Sirisha	GE HealthCare	28/01/2020	Best Idea -GE Precision Health challenge 2020

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
Name of the Start-up	Nature of Start-up	Date of commencement

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards		
State	National	International

3.3.2 Ph. Ds awarded during the year *(applicable for PG College, Research Center)*

Name of the Department	No. of Ph. Ds Awarded

3.3.3 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
International	CIVIL	15	0.84
	CSE	20	3.46
	ECE	30	3.64
	EEE	32	2.66
	MBA	10	2.84
	MECH	20	2.08
	SH	10	0.63

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
CIVIL	1
CSE	2
MECH	1
ECE	3
EEE	2

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	Nat	State level	Local level

		ional level	
Attended Seminars/ Workshops	29	1 3	6
Presented papers	75	3	Nill
Resource Persons	Nill	1	Nill

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
Annual Geneva Celebration at Indian Red Cross Soceity	YRC/RRC	1	6
Swachhta bakhwadaA Seminar on Plastic Waste Management	Cadets and ANO	2	35
Worksop on"First aid awareness"	YRC and RedRibbon club	4	200
Soroban and Mental Maths National Competition	YRC and RedRibbon club	1	10

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
National VotersDay Celebrations	NSS-HITS in association withCEO telangana	10	275
Tide Turners Plastic Challenge -Level -1	NSS-HITS in association withWWF India	5	300

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers **coordinated** such activities	Number of students participated in such activities
NSS	NSS HITS	Tree Plantation	1	100
NSS	NSS HITS	Rally on women Safety	2	150

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration **(From-To)**	participant
Industry Institute Collaboration	Mentorship	Flipkart,Nishith, 9194906 08898	25/01/2020	18/02/2020
Industry Institute Collaboration	Internship	Sion Semic onductors Pvt Ltd , Shaestha Shamrin B, Director	20/12/2019	20/06/2020
Industry	Mentorship	Qualcomm,	01/02/2020	14/03/2020

Institue Col laboration		S.Sudhir Kumar, Senior Staff / Manager,QCares		

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1300	1250.68

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area		
Class rooms		
Laboratories		
Seminar Halls		
Classrooms with LCD facilities		
Classrooms with Wi-Fi/ LAN		
Seminar halls with ICT facilities		
Video Centre		
No. of important equipments purchased (≥ 1-0 lakh) during the current year.		
Value of the equipment purchased during the year (Rs. in Lakhs)		
Others		

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LIBSOFT	Fully	10.0	2010

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	49954	157000	500	150000		
Reference Books	34500	100500	-	-		
e-Books	300	nil	-	-		
Journals	102	220000	-	-		
e-Journals	880	13500	-	-		
Digital Database						

CD & Video					
Library automation					
Weeding (Hard & Soft)					
Others (specify)					

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	1100	17	300	1	1	1	10	100	10
Added	30	0	20	0	0	0	0	0	0
Total	1130	17	320	1	1	1	10	100	10

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

………100………… MBPS /GBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Logitech Group HD Camera Mic Speaker Computer with I3, 8 GB RAM, 500 GBHDD, Keyboard, Mouse, 43 TV Audio System	https://youtube/UO8vBarh7to

4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
Dr.M.Saravanan	Control Systems	http://175.101.12.228/moodle/login/index.php	01/07/2019
Mr.A.Kamal	Power Systems-I	http://175.101.12.228/moodle/login/index.php	01/07/2019
Ms. G,P Merline	ElectromagneticFields and Waves	http://175.101.12.228/moodle/login/index.php	01/07/2019
Ms.Sinthura Siva	Digital Image Processing	http://175.101.12.228/moodle/login/index.php	01/07/2019
Ms D Swapna	Cryptography and Network Security	http://175.101.12.228/moodle/login/index.php	01/07/2019
Ms.Nagaveni B, Mr. Murali Nath R	Discrete Mathematics	http://175.101.12.228/moodle/login/i	01/07/2019

S		ndex.php	

4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
650	641.12	332	191.36

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. *(maximum 500 words)* (information to be available in institutional Website, provide link)

Physical Facilities: College has a Site engineer and Maintenance Engineer to render the technical assistance for construction, building maintenance and

repair-works. The Maintenance team is taking care of painting, civil maintenance, plumbing work, electrical, and air-conditioning. Laboratory Maintenance: All the equipment and machinery of the laboratories are periodically maintained by the lab technicians. For the equipment to be serviced during the warrantee period the supplier of the equipment is intimated and it is serviced either in-house or in the supplier premises based on the nature of defect. After warrantee period, the equipment's service will be taken care by the technical staff associated to the respective laboratory. The maintenance Mechanical/Electrical equipment is done periodically. A Breakdown Register is maintained in each the laboratory. As per the requirement, minor repairs are carried out by the lab assistant of the specific laboratory. Computer and Accessories Maintenance A dedicated System Administration team takes care of the maintenance of Computers, LCD Projectors, Printers and the networking equipment. They also maintain Internet utilisation, firewall maintenance and CCTV Security Systems. The service and maintenance of the systems are done on regular basis. Electrical Maintenance • Each department lodges a complaint about the electrical maintenance work and give their requirement of electrical appliances to the Administrative officer, skilled Electrical Supervisors will monitor the electrical maintenance on daily basis. The college has a 34 KWP solar plant which is maintained by the Department of Electrical and Electronics Engineering. Library: Library updates its books repository on a yearly basis as per the changes in the curriculum. Requirements from the students and faculty members are collected in the prescribed format for the books to be procured beyond the curriculum. Library committee discusses and approves the procurement of books. The library committee meets once in semester to upgrade and procure any additional and general books both technical and non-technical. To create good interest in reading every very month fiction. and nonfiction books worth of Rs.3000 are procured as per recommendations of students and faculty members. Sports Complex Maintenance and Utilization • All Sports amenities such as playgrounds and courts are under the control of physical directress. • The maintenance of the Courts is done on time. Students receive the sports kit from the physical education department for practicing by entering their name and roll number in material issue register and after completing the practice session the student returns the same in physical education store room. Other Maintenance Activities: • Maintenance of gardens, Tree plantation, Landscape maintenance done by gardeners under guidance of professional horticulturalist. • Maintenance of Lift is done by the service provider. • Every department has an intercom facility- EPABX. • Fire extinguishers are available in the campus and mock drills are regularly conducted. • Cleanliness of class rooms, corridors etc., are maintained by the housekeeping staff. Stock verification is done at the end of every year by the staff members deputed by the Principal.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Financial Assistance to students	---	----
Financial support from other sources			
a) National	Government of telangana student fees reimbursement scheme	714	13648000
b) International	Nil	Nil	00

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Personal Counselling	15/07/2019	156	Holy Mary Institute of Technology & Science
Yoga, Meditation	21/06/2020	270	Holy Mary Institute of Technology & Science
Bridge courses	15/07/2019	97	Holy Mary Institute of Technology & Science
Language lab	15/07/2019	128	Holy Mary Institute of Technology & Science
Remedial coaching	14/12/2019	760	Holy Mary Institute of Technology & Science
Soft skill development	24/07/2019	163	Holy Mary Institute of Technology & Science
Remedial Coaching for 14EET52 - Microprocessors and Microcontrollers	04/10/2019	18	Holy Mary Institute of Technology & Science

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2019	GATE Coaching	147	152	5	13

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
2	2	15

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
M/s. Oracle	112	22	Accenture	369	194

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2020	3	B.Tech	Mechanical Engineering	SRM Vel Tech University, Chennai.	M.Tech
2020	1	B.Tech	Electrical & Electronics Engineering	KLU University	M.Tech
2020	1	B.Tech	Electronic & Communication Engineering	Amirta University, Bangalore	M.Tech

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	----	----
SET	----	----
SLET	-----	----
GATE	5	
GMAT	----	----
CAT	----	----

GRE	----	----
TOFEL	----	----
Civil Services	----	----
State Government Services	----	----
Any Other	----	----

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Cultural Events	Institutional Level	45
Sports (All Events)	Institutional Level	230
Athletics	District Level	450

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2019	Winner	National	1	Nill	17C91A0024	Monish.V, III – MECH
2019	Winner	National	1	Nill	17C91A5020	Divya. A, III – ECE
2019	Winner	National	1	Nill	16C91A3013	Dharmendra Vijaya Raj. G, IV - CIVIL
2019	Winner	National	1	Nill	16C91A4039	Krishna Harish Kumar, IV - CSE
2019	Winner	National	1	Nill	18C91A1004	Daya Sri. S, II – CSE
2019	Winner	National	1	Nill	17C91A8024	Monish.V, III – MECH
2019	Winner	National	1	Nill	17C91A5020	Divya. A, III – ECE

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

To ensure activities of student council representation in various academic and administrative bodies/committees. We have constituted various academic and administrative bodies comprising students. This representation and participation help them to learn leadership skills, academic process and resolve their issues through various and also ensure participation in sports and cultural activities. The involvement of the students starts from the selection of class representatives to their representation in all the committees formed in the institution. The role of class representatives is to participate in CR's and Mentors' meetings conducted regularly ,where they can express their academic and non-academic issues on behalf of their class. The various academic or administrative committees are formed for the welfare of the students and institution. The following are the different committees formed.All these information pertaining to activity of student council representation uploaded in the previous cycle. In this cycle we have improvising students activities in various academic and administrative councils/ bodies. • Sports committee • Anti-Sexual harassment Committee • Anti –Ragging committee • Grievance Redressal committee • Womens cell • NSS committee • IQAC Committee • Cultural Committee Meetings of each committee are regularly conducted pertaining to their requirements and plans for execution of the same.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Yes

On 10th May 2019, our Official Alumni Association was formed in the name 'HIT Alumni Association' by the provisions of Telangana Societies Registration Act, 1960. The main objectives of the Association are : • To strengthen the alumni network. • To provide a forum for bringing together the alumni to contribute effectively to the cause of engineering education and research in the country.

To promote professional, cultural, and social contacts among the members to enhance the further growth and prosperity of this great institution and her progeny. • To create opportunities and kindle the spirit of entrepreneurship among students and to support in their development by sharing the expertise, experience of the alumni. Under this alumni association, various alumni members have generously contributed for the welfare of the Institution. First Annual General Body Meeting was conducted on 11.7.2020. Annual Alumni Meet was organized on 25.08.2019

5.3.2 No. of ~~registered~~ enrolled Alumni:

150

5.3.3 Alumni contribution during the year (in Rupees) **:**

2,00,000

5.3.4 Meetings/activities organized by Alumni Association **:**

2

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. We have established a very good practice of participatory management, as a rule, and we follow a decentralized procedure. All the activities in our college are organized by various departments forming many teams, consisting of faculty and non-teaching staff members. 2. We conduct frequent meetings, at least once in a fortnight, among various committees formed and the deliberations of these meetings are shared to all 'stakeholders' of the college. Our top management level, consisting of our Principal, Deans, Head of departments, student club coordinators and other faculty members interact in order to implement best practices for students betterment. We submit here, some samples, about our college activities on Placement and Hackathon activities . The TAP cell is keen in exploring the industrial trend and their expectations from fresh engineering students. All the freshers should be "billable" from day one of their joining the company they get selected into. In every course the faculties are encouraged to conduct Quiz

program to enhance students analytical skills and group discussions empower our students for placement and personal life qualities. The training and placement cell introduced many novel training programs from second semester onwards. All activities of the TAP cell are digitalized and we have an exclusive placement portal and exclusive placement coordinators from each department. Every student has been given a user ID and a password to login to the platform and learn and get all communication immediately. TAP cell has introduced "Skill Rack", an exclusive learning platform for all students. They learn, practice and gain points . based on which they are classified as bronze, silver and gold. TAP has a systematic online assessment for all students by "AMCAT", through a series of test with a duration of 2 or 3 hours every year through an exclusive online platform by "Aspiring Minds". The improvement of each student is monitored by mentors and placement facilitators, and the students advise permitted to join 'PEGA' certification program. This is completely handled by "Talent Sprint", a vendor who is authorized by PEGA-USA. The students completing the PEGA certification will have exclusive chance to participate in campus hiring done by 20 plus companies using PEGA software with a high compensation. TAP cell has also introduced a special training in C, C, Java for deserving students, with a maximum of 500 students. This is a 6 months program and its feedback is reflected through the campus placement result. The name of the program is "BYTS", done by a third-party vendor from Hyderabad. We are the only college in Hyderabad, doing this program. Also, TAP cell has signed a MOU with 'Virtusa" to

6.1.2 Does the institution have a Management Information System (MIS)?
 Yes/No/Partial:

YES

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each)**:**

❖ Curriculum Development

This is achieved in college level through university BOS, JNTUH, N/A to the Department

❖ Teaching and Learning

The Teaching-Learning Process is supported with Regular Practical Sessions, Digital Library. LCD projectors are used for seminars and workshops, etc., along with regular class room teaching. Accessibility of soft copies of study material is made available. • Program Outcomes, Program Specific outcomes and Course Outcomes are brought to the notice of Staff, students and parents through the institutional website under different department profiles.IQAC Contribute/Monitor/Evaluate the Teaching Learning processes.Faculty members are encouraged to attend Faculty Development Programmes, seminars and workshops for gaining knowledge in their field. • Personality development programme and soft skill programs for students.

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❖ Examination and Evaluation

The evaluation process comprises internal evaluation and external evaluation. Internal evaluation is for
25 marks and external evaluation is for 75 marks. Question papers are set following Bloom's taxonomy.
Laboratory courses are internally evaluated for 25 marks – day-to-day evaluation is 15 and internal
examination is 10, and externally evaluated for 75 marks. Industry Oriented Mini project is evaluated for
100 marks externally and the seminar is evaluated for 100 marks internally at the end of final year,
first semester. Major project is evaluated for 25 marks internally and 75 marks externally at the end of final
year, second semester

❖ Research and Development

Research and Development is continually encouraged by the administration through Research and
Consultancy Cell, financial support for FDPs, publishing/presenting papers in the reputed as well as for
project proposals. The institution provides opportunities to the faculty members to pursue Ph.D. and also
assist financially to apply for patents. The institute provides research facilities in the emerging areas. A

Research Committee under the Chairmanship of the Principal regularly reviews the progress. R D Cell also encourages the faculty members to apply, acquire and implement consultancy projects. The students also encouraged to participate in various Hackathons.

❖ Library, ICT and Physical Infrastructure / Instrumentation

A library is the heart of an academic institution. Our institution encourages all students and staff members to make the best use of the library that has been carefully built up since the inception of the college. The library is housed in a spacious area of 7750 sq.m., fully computerized with Reference Section, Magazine Section, Stack Area and Digital Library. Presently there are more than 70,000 books and reference volumes stacked for the benefit of staff and students. There is an established media resource centre. Our library follows the open access system and is encouraging students to browse in the stack area. The library subscribes more than 150 specialized journals, over one third of them being international Journals. Online journal and e-book collection also subscribed. Teachers have accessed internet and can download teaching materials and resources take photocopies through the reprographic facilities cost. The college provides the basic necessities for in terms of lab facilities, instruments and library facilities which provides good atmosphere for effective teaching and research

❖ Human Resource Management

Our college human resource management has adopted a new strategy in this year 2019-2020, by encouraging students to develop entrepreneurship skills, instead of seeking employment, and to train the students to open up new startups for those who graduate from our institution. We also encourage students to go for campus placement jobs and we guide the students to go abroad for higher studies as well. This centre constantly encourages our students and faculty members to involve in research and development activities, presenting papers in national and international conferences,text-book, chapter contribution,innovation, start-up, patent publications etc. We religiously organize workshop,refresher and orientation courses, DP/MDP/QIP for faculty quality enhancement in teaching learning process.Our non-teaching staff are also encouraged to undergo updation of their skill sets so that they are well equipped to guide the students in their labs and for their own betterment.Various training programs are organized for non-teaching staffs for improving their technical skills and mental well-being. Consultancy work by faculty ,paper publications, textbooks or chapters in text-books publications ,are also encouraged to a large extent in our college.

❖ **Industry Interaction / Collaboration**

Our Institution has an established Entrepreneur development cell where regular programmes with industries are organized, which brings together professionals from leading Enterprises, entrepreneurs, business leaders, alumni, industry experts, domain experts and strategic thinkers to deliberate the changing role of human capital in reshaping the career growth, opportunities and leadership roles for the students. The spears of industry connect begins with vetting the syllabus, Guest lectures, visiting faculty, examiners for project, mentor for projects, internships, industrial training, field visits, Research and placements. The college has industry driven curriculum. The Expectations of the corporate is received and the syllabus are updated accordingly. The MoU signed with Indian and Foreign institutions and industries are benefitting our students for placement and internship. Experts from industry are also included as members in the board of studies/academic council to share their views. Our Institution has MoUs with the corporate and Industries. All students are registered for internshala, this has been mademandatory, so that all students gets an opportunity to under go course in internshala.

❖ Admission of Students

For Undergraduate Courses (B.Tech.) • A Category: 70 of seats are filled by Telangana State Council for Higher Education through a State Level Common Entrance Test (EAMCET) under "A" Category • B Category: 30 of the seats admitted by the management For Post Graduate Course (MBA): • 70 of seats are filled by Telangana State Council for Higher Education through a state level Common Entrance Test (ICET) • 30 by the management under "B" Category Quality and Merit in the Admission of Students The admission process in the institution is carried out in alignment with norms mandated by the JNTU

Hyderabad. Students are admitted in the institution through counselling carried out by the Telangana State Council of Higher Education and through management quota. The admission team actively promotes students from other states to take admission in the institution by highlighting the infrastructure and hostel facilities being provided. HITS was established with a vision to provide quality technical education to students in rural areas and the institution in alignment with its vision admits a majority of students who are first generation college students from the reserved categories such OBC's, SC's, and ST's.

6.2.2 : Implementation of e-governance in areas of operations:

❖ Planning and Development

Planning and development is an important criteria and it is the first step for any successful institution.Our college has a Planning and Development committee which looks after the academic and non academic activities. This committee is reporting the progress to principal. At the commencement of the academic year, the academic calendar and examination schedule has been prepared and communicated to the department through the mail. At the beginning of the semester, the following list of modules have been prepared and used , learning management system, course handling details of the faculty, faculty attended FDP, Online Job Application, Faculty report, student details of each semester, course details, number of hours required, course code, branch and other details of the course. The facilities and infrastructure for each department has been planned.

❖ Administration

Finance and Accounts
Accounts are computerized and fee collection is made through e-payments /
NEFT / RTGS. • Tally software package is used.

❖ **Student Admission and Support**

The software is developed so as to fulfill the need of Student admission and Support. As the admission process is online, Student Admission Form are also provided. Students submit printouts and required documents at respected counters. The software is also used for student support like Biodata of the student , and Issue of Bus Cards Online Fee payment, Import Bulk receipt who pay the fee through online, Student Bonafide, Student Contact, Students address report, Student Subject Feedback, Feedback submission by students.

Examination
Complete Automation of Examination Management System. • Examination Fee collection, Hall Ticket Generation,Result Declaration through ERP software. • Inclusion of booklet with barcode. • Inclusion of security features in grade cards.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	SATHISH KUMAR M	11th internation exergy, energy and environment symposium,SRM, Chennai	NA	8330

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional	Title of the administrative training	Dates (from-to)	No. of participants (Teaching staff)	No. of participants

	development programme organised for teaching staff	programme organised for non-teaching staff			(Non-teaching staff)
2019	Proficie ncy Improvement Program(PIP) onProduct Life Cycle Management in partner ship with SAEINDIA	NA	23/10/2019	20	Nill

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Faculty Development Programme	15	17/08/2019
Orientation Programme	32	12/07/2019

6.3.4　Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Full time	Permanent	Fulltime/temporary
234	Nill	174	Nill

6.3.5 Welfare schemes for

Teaching	1.Provident Fund. 2. Gratuity 3. Medical Insurance 4. Accident insurance 5. Six months maternity leave for female faculty 6. Gift voucher for marriage 7.Laptop scheme. 8. Rewards and recognition during Teachers day (Coupon, Plague and Certificates) 9.Incentive for publications in Scopus and Web of Science Journals. 10. Financial support to attend FDP, Workshop, National and International Conferences. 11. Yearly performance incentives and special incentives.12. PhD allowance for those who have completed Ph. D. 13.Subsidised transport facility
Non teaching	1. Provident Fund. 2. ESI 3. Gratuity 4.Medical Insurance 5. Accident insurance 6. Six months maternity leave for female faculty 7.Gift voucher for marriage 8. Laptop Scheme. 9. Financial support to attend FDP, Workshop,National and International Conferences. 10. Yearly performance incentives and special incentives.11.　Subsidised transport facility
Students	•Scholarships • Medical facilities •Financial assistance to participate in sports at National/University level

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

(with in 100 words each)

Institution conducts internal and external financial audits regularly. Audit will be conducted at the end of each financial year. The auditors will visit to college at regular intervals, they will verify all financial transaction with the supporting documents and approval of proper authority for each financial transaction. The financial transactions are accounted in Tally ERP by the college. Audit is conducted in accordance with the Auditing standards generally accepted in India. They plan and perform procedure to obtain the reasonable assurance about whether the financial statements are free from material misstatements. Auditor will examine on a test basis evidences, supporting for the amounts and disclosure in the financial statements. It also includes assessing the accounting principles used and management estimates and evaluation of overall financial statements presentation. All financial transactions accounted and financial statements like Balance sheet and Income and Expenditure are also verified. Such financial statements will be signed and approved by Auditor and Management. Based on the audited financial statements, auditor will issue "Audit Report"

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
HMGI TRUST	2000000	Up gradation of Research Laboratories of all Departments

6.4.2 Total corpus fund generated

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Academic	Yes	Academicians from premier institutions	Yes
Administrative	Administrative	No	Nill	Yes

6.5.2 Activities and support from the Parent – Teacher Association (at least three)

Parent- Teacher meeting conducted every year to communicate the progress of the students . Feedback are received from parents in Teaching-learning process for further improvement. Parents of first year BE/B.Tech students are invited for the orientation programme "SWAGATHAM" on the first day and elaborated about the academic practices of the institution Parents are also the members of the IQAC.

6.5.3 Development programmes for support staff (at least three)

Programs have been conducted in the area of maintenance and upkeep facilities available in the Institution.1.Yoga classes were arranged for the interested staff members to maintain their health. 2.The basic computer training on MS office was conducted to improve the computer skills.3. Spoken English class is being conducted for the supporting staff to improve their communications. 4.Hands on training for Servicing and Maintenance of Equipment. 5. Training Programme for First Aid.

6.5.4 Post Accreditation initiative(s) (mention at least three)

6.5.5

a. Submission of Data for AISHE portal : Yes
b. Participation in NIRF : Yes
c. ISO Certification : No
d. NBA or any other quality audit : Yes

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to------)	Number of participants
2020	Value Added Course on Learn from Home: Personal Interview Practice	18/05/2020	18/05/2020	25/05/2020
2020	Value Added Course on Learn from Home: Aptitude Training Series	05/04/2020	05/04/2020	12/04/2020
2020	Value Added Course on JAM Training Program	03/02/2019	03/02/2020	08/02/2020

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period **(from-to)**	Participants	
		Female	Male
Women's day celebration	11/03/2020	11/03/2020	237

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:
Percentage of power requirement of the College met by the renewable energy sources

The institute installed roof top solar panel across the campus for the power generation. The generated 90 percent of the power is utilized for the needs of institution power requirement.

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/ Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Any other similar facility	Yes	Nil

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to	Number of initiatives taken	Date and duration of the	Name of the initiative	Issues addressed	Number of participating

	address locational advantages and disadvantages	to engage with and contribute to local community	initiative			students and staff
2019	1	1	05/09/2019	"Swachh Bharat Abhiyan" (Clean India Mission)	We gave the awareness about effects of plastic usage for human health and envir onment to the public. We issued the cloth bags to the public.	26
2019	1	1	20/08/2020	One Day Awareness Programme	Cyber Security for Women	80
2019	1	1	12/07/2019	Two day awareness camps in Puliyampa tti	We gave the awareness about effects of plastic usage for human health and envir onment to the public. We issued the cloth bags to the public	33
2019	1	1	09/08/2019	Two day awareness camps in Elakkapur am	We gave the awareness about effects of plastic usage for human health and envir onment to the public. We issued the cloth bags to the public.	82
2019	1	1	24/07/2019	Blood Donation Camp	In this camp students and	215

					staff members were donated their Blood as a humanity Service.	
2019	1	1	18/09/2019	Blood Donation Camp	Blood test was conducted for villagers of Kannur patty	80
2020	1	1	04/02/2020	Medical Camp	NSS with the help of Primary Health centre organized medical camp	133

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Academic Calendar	07/06/2019	Academic Calendar comprising Events , Examination schedules and Holidays

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-------to-------)	Number of participants
Yoga Day celebration	21/06/2019	250
Road Safety Awareness Program	17/07/2019	172
Woman's Day Celebration	08/03/2020	256
Yoga Day celebration	21/06/2019	325
Road Safety Awareness Program	17/07/2019	120

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

Initiatives were taken to create healthy ambience in and around the campus. They are: • Tree plantation, • Water management. • Sewage treatment , • Reduced usage of papers by automation, • Rain water harvesting(12018018 feet) capacity: 2 crore litres • Plastic free campus
7.2 –

7.2 Best Practices

Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

Best Practice I :Faculty revalidation programme Objectives: 1.To develop faculty members in terms of their pedagogy and knowledge updation 2.To encourage research activities of the faculty members 3. To make faculty members professionally efficient Process and practice: The Institution aims at faculty development in terms of their pedagogy, research initiatives and project proposal submission so as to benefit for the student

community. To achieve, a separate department known as Faculty Development Department is established to look into the matters of teaching skills, communication skills, research skills, use of ICT, of the faculty members like class room teaching, research efforts and paper presentations. The performance of the faculty is constantly validated and revalidated for further enhancement of knowledge, skill, expertise and attitude. As the faculty is the asset of an institution the performance is periodically strengthened. To ensure the same professionalism of the faculty, different training and orientation programmes are conducted. Preservice training courses are organized to benefit those who joined as freshers to the service. The Faculty Revalidation Programme is being conducted annually, where all the faculty members present their teaching skill by taking class on any content of the subject that they are handled in the current semester. They are being evaluated with seven components of teaching criteria such as subject knowledge, communication skill, and eye contact, method of teaching, teaching

aids, voice and interaction by the panel of subject experts. Feedback and remedial measures are given to the faculty then and there itself, to improve their efficiency of knowledge updation and teaching skills. The teachers are asked to present and publish research papers in the International Journals. Impact of this practice: This kind of practice has a tremendous effect on the academic performance of classroom teaching. This ensures quality in teaching and learning process. This practice has made an impact on teachers to be effective on their pedagogical skills and professionalism. The teachers also felt that there was a tremendous difference in their teaching pattern and delivery mechanism. They were able to analyse themselves and change accordinglyfor the benefit of the students. This kind of input mechanism trains the teachers in their teaching and contribute the quality learning process to the students community Best Practices-II: Programs enabling the holistic personality of the students Objectives: To make students 1. to develop technically and professionally competent 2. to develop holistic personality 3. to be socially responsible Process and practice: The main focus of this practice is to make the students technically and professionally proficient. It is the responsibility of an institution to mould the personality of a student holistically and professionally for better future of the society.The students' personality is thus developed by making them emerge as technically and professionally competent and socially responsible citizen of the country. Apart from these activities, the student should be shaped physically, mentally, morally, ethically, technically and socially sound. As our culture insists upon, Mathru devo bhava, Pithru Devo bhave, Acharys devo bhava and Athiti devo bhava. In order to inculcate this, Value Oriented practices such as Padha Pooja to parents during Induction programme and salutation to the teachers in the form of Padha Pooja on Teacher's day are encouraged. It is said that the parents are the first teachers and teachers are considered to be the second parents. By practicing this, the students naturally inculcate the value of gratefulness and respect towards their parents and teachers. This practice has a great effect on students to know about the great culture and tradition of our country. This gives an insight into the act of being human and the importance of adherence to Human Values. Similarly, the institution provides various orientation programme through International trainers on "Goal setting" and "Time-management" to the first year students to develop and achieve short term and long term goal. This is being followed by Review and review programme, for the second, third and final year students so as to achieve the goal with in stipulated time. This practice paves the way to set the goal and the strategy to achieve it. Impact of this practice: This kind of the practice gives an intuition to the students to be more relevant to the society. The internship paves the way for the students to be aware of various industrial needs. The students felt that these activities gave a clear picture of future job opportunities. Apart from these, the padha pooja makes the students to realize the responsibility as a son,student and as a future citizen of the country. The students exhibit their respect and regard to the culture of our traditional value

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust Provide the weblink of the institution in not more than 500 words

Holy Mary Institute of Technology & Science (HITS) was Established in 2001, The college strives to impart

qualitative technical education through innovative teaching methodologies. The college strives to establish

itself as a world class education center for teaching, learning, research & training, with modern facilities and

vast expanded landscape. The college campus provides perfect ambience for higher learning. HITS is an inspiring institute with the sate of the art facilities for students to meet the requirements of the industry.The institute has groomed an effective human resource for Indian/foreign industry and government administrative services. The success of industry-focused education given at HITS can be witnessed through the contribution of HITS alumnus in the industrial development, IT industry, and management education. Entrepreneurship is another major focus at HITS. The alumni are successful in creating enterprises in various fields of Engineering. HCL,PRICOL, and more than 500 small and medium companies were established in Coimbatore and all over India by the alumni. Holy Mary Institute of Technology & Science (HITS) has ranked higher in many of the surveys conducted during the year 2020 and the details are listed below.

Holy Mary Institute of Technology & Science Ranking for B.E. / B.Tech

All India	Publishers	State/City
86 in 2020	**Outlook**	4th Best among Outlook ranked colleges in Hyderabad in 2020 >
148 in 2021	THE TIMES	19th Best among Times ranked colleges in Hyderabad in 2021 >
169 in 2021	THE WEEK	17th Best among The Week ranked colleges in Hyderabad in 2021 >

8. **Future Plans of action for next academic year (500 words)**

- To get NBA accreditation for all the courses and achieve Autonomous Status To introduce new programmes • To be among the top 60 institutions in the country in NIRF • Introduction of Innovation Practicum courses through Forge • Project Germinate and Online Teaching-Learning Process •Schedule International conferences and STTPs through online mode • Maintaining a green campus • Introduction of UHV courses for the forthcoming batches as per AICTE guidelines • To fetch more external RD grants • To enhance number of patents publications • Placement of students in high profile companies with a higher salary • Bringing up more innovations and start-ups • Encouraging the culture of entrepreneurship among

Name: solmon *Name Dr.Bhaskar reddy*

solmon *Dr.Bhaskar reddy*

Signature of the Coordinator, IQAC *Signature of the Chairperson, IQAC*

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Abbreviations:

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution

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