



The Department of Computer Science & Engineering was established in the year 2001. It has intake capacity of 120 students. All the laboratories are well established with state of the art equipment. The department has highly qualified and experienced faculty and technical staff. An innovative teaching and learning process is implemented in imparting quality education to the students, which includes conduct of workshops, seminars, industrial tours, expert lectures and various extracurricular activities.



**Dr. P. BHASKARA REDDY**  
**B.E (ECE), M.Tech., Ph.D., F.I.S.E.E., MISTE, MCSI, MIETE, MEMCE.**  
**Director & Professor, Dept. of ECE**

**Dear All,** Technical Education is the backbone of every nation and is the stepping-stone for a country to move into the niche of a developed nation. Creating better human beings' is our motto and we can do that when we are able to mould our students to be good human beings with values, which are embedded for life. The main focus of the Institution is to empower students with sound knowledge, wisdom, experience and training both at the academic level of Engineering and in the highly competitive global industrial market. We must believe that success is inevitable where these exist- Foresightedness, Hard work and Discipline. You are assured that you will be proud of yourself as a confident and successful technocrat after Four years at HMGI. Once again, we wish all our students and faculty a successful and rewarding career.



**Dr. Ch. V. Raghavendran**  
**HOD-CSE**

It gives me immense pleasure to lead the department of Computer Science & Engineering. The aim of the department is to provide high quality education along with training the students with all the new advancements in the computers field. I congratulate the team of faculty members and the students for their brilliant and original efforts. I wish all the students and faculty a great academic career.

## EDITORIAL BOARD

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### *From the Editorial Board*

Air pollution is damaging not only to human health, but to other species and ecosystems as well. Our atmosphere is a protective layer of gases surrounding Earth. It can be polluted by natural sources, like when a volcano erupts and spews gases into the air. But human activity also pollutes the atmosphere. Often, pollutants are released as byproducts of our daily activities, like using motor vehicles and producing energy in power plants. Here are some types of air pollution caused by human activity. **Chemicals:** This includes sulfur dioxide gas released from coal and oil refineries. Some of these chemicals take part in reactions in the atmosphere, and can result in acid rain. **Greenhouse gases like carbon dioxide:** These gases are found naturally in our atmosphere. But human activity is also releasing them in large quantities. This contributes to global climate change. Here are a few ways that we can protect ourselves and other species from the harmful effects of air pollution. **Use our vehicles less.** We can take public transportation, ride a bike, or walk whenever possible. This will reduce the amount of pollutants emitted into the air. **Use cleaner fuels and more fuel-efficient products.** Encourage your parents and other grown-ups to use cleaner fuels in their car. A good choice is E10, a blend of clean-burning ethanol and gasoline. Or, they can switch to a more fuel-efficient car that gets better gas mileage. On a smaller scale, they can replace gas-powered lawn mowers with alternatives such as electric or manual mowers.

**Factories can use control devices.** For example, factories can use "scrubbers" on smoke stacks to trap particles and protect against acid rain. These control devices remove pollution at its source. Every year people all over celebrate World Environment Day, with plans in mind to save earth and the environment. But sometimes we need to ask ourselves "will we really execute our plans?" The existence of nature is the proof of our own existence and everybody appreciates the existence of water, forest, animals, songbird, flora, and fauna, but unfortunately, these can be misused and end up being harmed. The environment is polluted by various things such as radioactive elements, plastics, sewage, domestic waste and industrial pollution. Nobody is a perfect environmentalist; however, together we can take some honest steps to reduce the number of resources consumed and waste that is generated.

## Pearson Program



IDEA Orientation Classes- 5<sup>th</sup> Session is conducted on 27-07-2018, The Students, **who were admitted in I.D.E.A .course** and mentioned in the Annexure are instructed to attend the 5<sup>th</sup> session of IOT Classes which is to be held on -27-06-2018 from 10.00 A.M to 4 .00 P.M



Venue: HITS MIC LAB



List of students

S.NO	NAME OF THE STUDENT	BRANCH	HALL TICKET NO
1	PARIDI SHARMA	CSE	15C91A0565
2	A.SIRIJA DEVI	CSE	15C91A0511
3	G.AKSHAY	ECE	15C91A0427
4	J ANOOPSAI	ECE	15C91A0433
5	M.RAJASHEKAR REDDY	ECE	15C91A0445
6	CH. HARSHITHA	ECE	15QH1A0407
7	D JYOTHI REDDY	ECE	15QH1A0413
8	K.SAI CHARAN	ECE	15QH1A0425
9	V.SRIKANTH RAJU	ECE	15QH1A0444
10	L.R.PRUDVI RAJ GOUD	ECE	15C91A0443
11	M.S.S.CHANDRAKANTH	ECE	15C91A0449
12	K.BHARATH KUMAR	ECE	15C91A0438

## Orientation Programme

Orientation Day is conducted at the institute premises on 8<sup>th</sup> August 2017. The major objective of the programme was to make the parents and students aware of the academic aspects of the course, the rules and regulations of the Institute and ensuring parental participation in monitoring the performance and progress of the students.

The programme was inaugurated with the lighting of the lamp by the Chief Guest, Mr. A. K. P. Reddy, National President, FSME INDIA, Dr. Vijaya Kumar Reddy, Professor in mechanical Engg, JNTUH, Kukatpally, Mr. Kanishka Shrivastav, Engineering Manager at Google Hyderabad, Dr. P. Bhaskar reddy, Director, HITS, Chairman Dr. A. Vara Prasada Reddy, Holy Trinity educational Society, Secretary Dr. A. Vijaya Sarada Reddy and other dignitaries.



The programme was inaugurated with the lighting of the lamp by the Chief Guest, Mr. A. K. P. Reddy, Chairman Dr. A. Vara Prasada Reddy, Holy Trinity educational Society, Secretary Dr. A. Vijaya Sarada Reddy, and other dignitaries, and all the chief Guests were honored with Memento and flower bouquets.



## 72<sup>nd</sup> INDEPENDENCE DAY CLEBRATIONS



72nd Independence Day: As India proudly celebrates its 72nd Independence Day on August 15, country men in the country and rest of the world would cherish the idea of oneness and remember the sacrifices that freedom fighters made during their struggle against the mighty British empire. India got Independence after separation of India into two nations. Now the past is history and what remains is the glory of India's struggle.

Chairman Dr. A. Vara Prasada Reddy, Holy Trinity educational Society, Secretary Dr. A. Vijaya Sarada Reddy, and other dignitaries. Paying homage to Mahatma Gandhi and Hoisted the flag on the eve of 15<sup>th</sup> August Independence day



Chairman Dr. A. Vara Prasada Reddy, Holy Trinity educational Society, addressed with his valuable speech on Independence Day.



On this occasion, faculty and students had been given an opportunity to speak few words on Independence day, and apart from this ,students also participated in many patriotic cultural programme.



## MSME Enterprise Development Centre & MSME Business Incubation Centre Inauguration



Shri D. Chandrasekhar, Additional Industrial Advisor, MSME, Government of India, Hyderabad Centre, has inaugurated INDIA'S FIRST MSME ENTERPRISE DEVELOPMENT CENTER & MSME BUSINESS INCUBATION CENTRE AT HOLY MARY INSTITUTE OF TECHNOLOGY & SCIENCE, KEESARA, on Friday.

Speaking on this occasion Mr. Chandrasekhar has said that Holy Mary Institute of Technology & Science has adequate infrastructure facilities to establish both centers.

Holy Mary Institute of Technology & Science is the First India's MSME ENTERPRISE DEVELOPMENT CENTER and 10th Business Incubation Centre in the State, he said.

MSME has nurturing the thoughts of young minds and always encouraging the creativity with these Incubation Centers. If youngsters come with such creativity to the Incubation Center, the concerned will be assisted with guidance, mentorship and all, he told.

Shri K.C.Choudhary, Assistant Director, MSME, Hyderabad Center, also participated in this inaugural ceremony. He also welcomed the youngsters to come with innovative ideas and utilize the schemes of MSME.

Dr. Arimanda Vara Prasada Reddy, Chairman, Holy Mary Group of Institutions has thanked the MSME authorities on this occasion. Dr. Arimanda Vijaya Sarada Reddy, Secretary, Holy Mary Group of Institutions also shared the dais.



## Students Achievements



Second year B.tech CSE student “**Mr. D. Shashank** has participated in the 5<sup>th</sup> junior inter district speakakraw championship for boys and girls at GHMC indoor stadium, victory play grong, chanderghat, Hyderabad on 11<sup>th</sup> and 12<sup>th</sup> august 2018 as player /coach/manager /official and secured **First place in Regu event**



Paper clipping of Holy Mary Institute of Technology and science students winning team.

## Student Participation



**SSG18 swach suvesakshan gramin 2018 app** working from 1<sup>st</sup> to 31<sup>st</sup> August, They can use this app to make a survey of their gramin with respective to cleanliness and accordingly mark what is available and what is not National service scheme conducted swachh Bharat Abhiyan , students participated in NSS camp, and has taken oath to achieve their goals Students were very enthusiastic to perform their duties under NSS Camp, they performed all kinds cleaning activities as well as performed other activities

## Students Achievements

**Mr. Koushik** –II year CSE B.Tech student directed A short album song named “**HUNGAMA**” with his own lyrics and co-partners are

1. Navanitha CSE-II
2. Akhilesh CSE-II
3. Nandini CSE-II

And the link for “**HUNGAMA**” Video song

<https://youtu.be/qcsku6qmc-yp>

## A Program Titled Student No. 1 Organized by ETV Plus

E. TV. PLUS proposed to shoot a program titled “STUDENT NO. 1 at our college on 30<sup>th</sup> August 2018. E.TV. PLUS conducted cultural events like, dancing (solo dance, group dance), fashion show, and party games etc.. , on the eve of this program from each department students participated.



In ETV PLUS program CSE-II year student Akelesh and CSE-IV year Preethi Saranah won the First prize in Rampwalk

And

CSE-II year students Pavan kalyan, chandrashekar, sathish srikanth won the First prize in group dance and other than this students participated in many other activities and have won prize

## Vision

To be more competitive, socially responsible and knowledgeable Computer Engineers who can cater the needs of the industry.

## Mission

- M1** To make the students strong in fundamental concepts, analytical capabilities and strong in problem solving skills.
- M2** To hone up the learning process through advanced skills in Computer Science and Engineering that can result in integration and research results.
- M3** To equip the students ready with enhanced employability skills and to make them capable of starting their own startups.

## Program Educational Objective

**PEO 1: Engineering ethos:** To provide the knowledge of Computer Science and Engineering concepts and equip students with the proficiency of mathematical foundations along algorithmic principles to solve competent problems.

**PEO 2: Ethics & Attitudes:** To sensitize students towards social and economical commitments to allocate professional ethics of moral community services in order to protect the environment.

**PEO 3: Leadership:** To expose the students towards emerging technologies and give adequate training by providing opportunities to work as a team on multidisciplinary projects with effective communication skills and leadership qualities.

**PEO 4: Engagement:** To promote life-long Self-Learning abilities to make the students remain professionally effective in the society.

**PEO 5: Versatility & Diversity:** To build up skills to analyze the requirements of the Computer Science and Engineering to understand the technical specification to take-up a successful career in the companies and establish startups.

### POs and PSOs of Department

PO-1 (a) An ability to apply knowledge of mathematics, computing and engineering fundamentals to computer science & engineering.

PO-2 (b) An ability to identify problems, analyze and define computing requirements appropriate to its solution.

PO-3 (c) An ability to design, implement and evaluate a computer based model to meet needs with safe, social environmental considerations.

PO-4 (d) An ability to conduct investigations, interpret data and provide conclusions in investigating complex problems related to computer science & engineering.

PO-5 (e) An ability to create, select and use appropriate techniques, skills, and modern IT tools necessary for computing practice with an understanding of limitations.

PO-6 (f) An ability to apply reasoning to assess societal, safety and legal issues and the consequent responsibilities relevant to professional engineering practice.

**POs and PSOs of Department**

PO-7 (g) An ability to understand the impact of professional engineering solutions in environmental contexts and the need for sustainable development.

PO-8(h) An understanding of professional, ethical, legal, security, social issues and responsibilities.

PO-9 (i) An ability to work on multidisciplinary tasks individually or as a member in teams.

PO-10 (j) An ability to communicate effectively on complex engineering activities with a range of audience.

PO-11 (k) An ability to manage projects by demonstrating knowledge and understanding of the engineering and project management principles in multidisciplinary environments.

### **Program Specific Outcomes (PSO's)**

PSO-1 (m) **Foundations of Programming and Software Development:** To apply variety of programming languages paradigms, software engineering principles for developing quality software for scientific and business applications.

PSO-2 (n) **Entrepreneurship and Leadership:** To adapt emerging Information and Communication Technologies (ICT) in establishing startup and enterprise.