



HITS

HOLY MARY INSTITUTE OF TECHNOLOGY AND SCIENCE

Quarterly News Edition

Sept, Oct, Nov - 2018



Holy Mary Institute of Technology & Science (HITS) was founded through Holy Trinity Educational Society in 2001 by eminent philanthropist and educationalists Dr. A. Vara Prasad Reddy, Chairman and Dr. A. Vijaya Sarada Reddy, Secretary. Since the inception, HITS aims to create value-based technical excellence, which ultimately leads to the development of the rural/urban areas where the college is situated. HITS, is approved by AICTE and permanently affiliated to JNTU Hyderabad. HITS stands for quality standards in technical education that is exemplified in the continuous strides has taken towards excellence. HITS, offers B.Tech in Civil Engg, Mech Engg, EEE, ECE CSE & M.Tech & MBA Programs were accredited with 'A' Grade by NAAC following a visit by the peer team in Nov 2017. We were awarded with Best Emerging College in India-South 2018 by Assocham New Delhi Holy Mary Institute of Technology & Science received Best Engineering College in Telangana by National Education ACME Award 2018 for the A.Y.2018-19. Top 04th Rank in Telangana and Top 05th Rank in AP & Telangana and Top 57h Rank in Overall India by Outlook Magazine Top 100 Engineering Colleges Ranking 2018 for the A.Y.2018-19. Infrastructure Spacious campus and natural surroundings with plenty of greenery College Transport facilities from twin cities for students and staff from all corners of the city Air Conditioned auditorium for organizing events, workshops and seminars Good Canteen facility Bank ATM in the campus Fully equipped Laboratories with the state-of-art equipment's & Wi-Fi connected campus.

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Dr. Arimanda Varaprasad Reddy

Regional Chairman - Andhra Region - Consortium of Engg. & Professional Colleges Managements Association of Andhra Pradesh.

Director - Healios Infocom Systems Pvt. Ltd.

Patron - Indian Red Cross Society, Andhra Pradesh

Welcome to the VPR's Family. We are delighted to know that you are keen to seek admission in our reputed institutions, offering Engineering, Pharmacy & Management courses in both under graduation & post graduation in Telangana & A.P. Our institutions have today emerged as one of the reputed group of institutions and very well known for the technical training in our country. The academic ambience in the institute is so conducive for everyone that they bring out their best. This has helped our students to mould their personality; improve their performance and this has led our alumni reach very senior levels in reputed companies all over the world. We welcome you to be a part of our growing and glorious family. Our best wishes for your resounding success in the future endeavors and we eagerly look forward to see you at our campus in this academic year.



Dr. Arimanda Vijaya Sarada Reddy

M.A., M.Ed., MBA, M.Phil.(Psy), M.S.(Psy), M.S. (Counseling & Psychotherapy), Ph.D.

Chairperson - COWE A.P

Member - FICCI

Patron - Indian Red Cross Society

Life Member - FTAPCCI

Holy Mary Group of Institutions offering Engineering, Pharmacy & Management courses in both under graduation & post graduation in AP & Telangana . Our faculty continues to provide their expertise through the industry consulting services and continuing education programs. The departments has also established rich and formal relationships with the industry through the courses and regular class room interactions, inviting industry professionals and through its cutting edge research programs. The significant growth in the IT as well as Non - IT sectors can only be sustained by constant supply of high quality human resources. It is important that our students find Jobs to suit their attitude and background. Such a matching of challenges in the job with the attitude of students is increasingly important in the competitive world today, where innovation will be greatest key to growth. I sincerely hope that our students will use the facilities provided to them in our campus and find their profession and justify the trust placed in them by their family, Society and Nation in helping the Country in its march towards becoming a developed Country. Let me take this opportunity to congratulate all departments of our Holymary Group of Institutions for their untiring efforts and wish all the students the very best in their attempts to build up purposeful careers for them.



Dr. P. BHASKARA REDDY

**B.E (ECE), M.Tech., Ph.D., F.I.S.E.E., MISTE, MCSI, MIETE, MEMCE.
Principal & Director**

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. To my mind an Educational Institute is not just about four walls with bricks, mortar and concrete, but about building characters, enriching minds and developing confidence towards above motivation. Every effort is pursued to identify the functional gaps between Holy Mary Institute of Technology & Science and the Premier Institutions of the country like IITs and NITs so as to narrow the gaps as soon as possible.



Editorial word

Welcome to the Issue No.2 ,Hits Second Quarterly Edition Newsletter! This issue brought to you our second Newsletter since I took up the editor's role. In the current issue, apart from institutional reports, the Newsletter highlights Faculty publications ,Student achievements, Industrial Visits etc. I would like to congratulate all my colleagues and Students who took part in various programs and made it successful. I hope that you will enjoy reading this issue.

The Editorial Board of the Institute proudly presents its unique creation in the form of the Second Quarterly Edition every three months which serves as a platform to highlight the literary and artistic segment of the Hits family. Besides, the Editorial Board also brings out all the programs and Achievements of Faculty and Students', forming a bridge between flowing thoughts and artistic magnification. The Edition also highlights the educational, cultural and sports activities of the Institute.

The purpose of the Edition is to provide a platform to the students and staff to give expression to their original thoughts and thus develop an important aspect of their personality. Another essential purpose is to inform, engage, inspire and entertain a diverse readership -- including faculty, staff, students, parents and other friends of Hits--- by presenting an intimate, timely and honest portrait of the College -- its people, its programs, its history, its challenges, its resources and its mission. In the originality of its conception, in the excellence of its writing and visual presentation and in its commitment to accuracy, healthy discourse and editorial balance, the Newsletter endeavors to reflect the values and the quality of the institution itself. By maintaining the respect and interest of its readers, the Newsletter aspires ultimately to inform their opinion of the College and to strengthen their commitment to its welfare.

Mrs. M. ETHEL SANGEETHA

Asst. Prof (H&S Dept)

Faculty coordinators

1. Mr. Mahesh Reddy Vaddhi (Mech Dept)
2. Mrs. Padmasri (ECE Dept)
3. Mrs. Manu Hazari (CSE Dept)
4. Mr. Anil (CIVIL Dept)
5. Mr. Adhitya (EEE Dept)

TEACHERS DAY CELEBRATIONS

Teaching is a very noble profession that shapes the character, caliber, and future of an individual. If the people remember me as a good teacher, that will be the biggest honour for me.

– A. P. J. Abdul Kalam



Every year in India, September 5 is celebrated as Teachers' Day to mark the birth anniversary of Dr. Sarvepalli Radhakrishnan's, who was born on September 5, 1888. A great scholar, philosopher and a Bharat Ratna recipient, Dr Radhakrishnan was the first Vice President and second President of Independent India. In India, Teacher's day is celebrated every year on **this day** as a mark of accolade to the part played by the teachers in the society. **5th September** is the birth anniversary of a great mentor **Dr. Sarvapalli Radhakrishnan**, who was a grand advocate of edification, and was the distinguished envoy, academician, and India's President, above all a great Teacher, hewas a friendly teacher and was popular among his students for the example he always set in front of them. So, one day his students and friends requested him to allow them to celebrate his birthday in a lavish way. In return he said that it would be his pride and honor if they celebrate his birthday in respect of all teachers. And since then this day 5th September is celebrated as Teacher's Day. This day was Celebrated with a great zeal and enthusiastic, all the staff of the college had gathered at HITS Seminar hall to celebrate **Dr. Sarvepalli Radhakrishnan's Birthday**.

The Director **Dr. P. Bhaskara Reddy**, along with all the other dignitaries paid homage to Dr. Sarvepalli Radhakrishnan on the occasion of Teacher's Day, Many faculty took this opportunity to speak and share about their own experience as being a Teacher.



The 5th September Teachers day was also Celebrated in different departments .

ENGINEERS DAY CELEBRATIONS



Sir Mokshagundam Vishweshwaraya also spelled as **Sir Mokshagondam Vishweshwarayya**, popularly known as **Sir MV** (15 September 1860 – 12 April 1962) was an Indian Chief civil Engineer, Scholar, Statesman, Politician and the 19th Diwan (Governor) of Mysore, who served from 1912 to 1919. He received India's highest honour, the Bharat Ratna, in 1955. He was knighted as a Knight Commander of the British Indian Empire (KCIE) by King George V for his contributions to the public good. 15 September is celebrated as Engineer's Day in India in his memory. He is held in high regard as a pre-eminent Engineer of India. Engineer's day is celebrated with great zeal, on 15th September every year in India commemorating the birthday of one of the greatest Engineers in India so far. The Engineering Community across India celebrates Engineers Day on 15 September every year as a tribute to the greatest Indian and a great human being Indian Engineer Bharat Ratna Sir Mokshagundam Visvesvarayya popularly known as Sir MV. "Role of Engineers in a developing India" he was born on 15 September 1860, in Muddenahalli near Chikkaballapur. He went on to become India's most prolific Civil Engineer, Dam builder, Economist, Statesman and can be counted among the last century's foremost Nation-builders. He was the chief designer of the flood protection system designed and built for the city of Hyderabad, as well as the chief engineer responsible for the construction of the Krishna Raja Sagara dam in Mysore which created the largest reservoir in Asia at that time. Engineers' day is also celebrated for the great works of Sir MV towards the development of various places which are the most developed cities of today's India. Sir MV is an International hero, recognized for his mastermind in harnessing water resources; he had successfully designed and constructed several River dams, Bridges and revolutionized the irrigation system in India by implementing irrigation and drinking water system all over India.



ENGINEERS DAY CELEBRATION IN CIVIL DEPARTMENT

CIVICLAN'18



Director Sir Dr. P.Bhaskara Reddy sir giving his Motivational speech to the students & Staff of Civil department about Engineers day. Head of the department Dr Chauhan sir addressing the gathering and sharing his views and giving his valuable suggestions to students. Felicitation to the Director Sir by Civil HOD sir.

NSS Activities



The **National Service Scheme (NSS)** is an Indian government-sponsored public service program conducted by the Ministry of Youth Affairs and Sports of the Government of India. Popularly known as **NSS**, the scheme was launched in Gandhiji's Centenary year in 1969. Our Student volunteers generally work in villages, slums and voluntary agencies to complete 120 hours of regular activities during an academic year. As per the fundamental principles of National Service Scheme, a volunteer is expected to remain in constant touch with the community. Hence, it is of vital importance that a particular village/slum is selected for implementation of NSS programmes. As the NSS volunteer is to live with the members of the community during the 7 days Special Camping Programme and learn from their experience during his/her tenure in NSS, the village/slum should be carefully selected for adoption by NSS unit.

Mr. K.Kanthi kumar Associate Professor of ECE Dept was awarded the Best NSS Co-ordinator of JNTUH on 24th September 2018, also students were appreciated and given participant Certificates. Such sustained efforts will flower into friendship between the NSS unit and the community. These activities can be arranged through one day camps and frequent visits under regular activities.

GANESH IMMERSION



Ganesh Chaturthi also known as Vinayaka Chaturthi is one of the important Hindu festivals celebrated throughout India with a great devotion. This day is celebrated as the birthday of Lord Ganesh, the elephant-headed son of Lord Shiva and Goddess Parvati. Ganesh Chaturthi is celebrated on Shukla Chaturthi of the Hindu month of Bhadra (generally falls between August and September). This festival is celebrated by Hindus with a great enthusiasm. People bring idols of Lord Ganesh to their homes and do worship. The duration of this festival varies from 1 day to 11 days, depending on the place and tradition. On the last day of the festival the idols are taken out in a colorful and musical procession and immersed traditionally in water.



It is a practice of bidding the laddu before Ganesha's immersion. This tradition of bidding it has been continuing for nearly two decades now, and it is believed that the laddu brings prosperity to whoever wins it in the auction.

The festive fervour in Hyderabad has reached fever pitch on the occasion of Ganesh Chaturthi. Like every year, the Ganesh Laddu of HITS College was put on auction on and sold to the highest bidder of 4th year student ECE Mr. Rajashekhar who has won the Laddu.

Skill Development Programme



Bharatiya skill development programme, student exchange programme organized on 24 October 2018, in HITS seminar hall. Dr. A. Vara Prasad Reddy chairman, Holy Mary Group of Institutions, Dr. A. Vijaya Sarada Reddy Secretary, Holy Mary Group of Institutions, Dr. P. Bhaskara Reddy Director of HMGI nurtured the chief guests, Ms. S. Glory Swarupa, Faculty and Mr. Alok Singh, Admission Officer.



Bharatiya skill Development University Program has been conducted in HITS Campus on 24 Oct 2018. MOU Between Bhartiya Skill Development university & HMGI for Student Exchange programme. On this Occasion Honorable Chairman Dr. A. Vara Prasad Reddy Garu addressing the gathering. & The Guest Mr. Alok Singh Delivering key note address. Felicitating the Guest Mr. Alok Singh by the Honorable Chairman & Secretary of HMGI.

Bathukamma Festival celebration



Bathukamma is a floral festival celebrated by the Hindu women of Telangana. Every year this festival is celebrated as per Shalivahana calendar for nine days starting Bhadrapada Amavasya (also known as Mahalaya Amavasya or Pitru Amavasya) till Durgashtami, usually in September–October of Gregorian calendar.



Bathukamma is celebrated for nine days during Durga Navratri. It starts on the day of Mahalaya Amavasya and the 9-day festivities will culminate on “Saddula Bathukamma” or “Pedda Bathukamma” festival on Ashwayuja Ashtami, popularly known as Durgashtami which is two days before Dussehra.

Bathukamma represents the cultural spirit of Telangana. Bathukamma is a beautiful flower stack, arranged with different unique seasonal flowers most of them with medicinal values, in seven concentric layers in the shape of temple gopuram. In Telugu, ‘Bathukamma’ means ‘Mother Goddess come Alive’.



Bathukamma is a colourful and vibrant festival of Telangana and celebrated by women, with flowers that grow exclusively in each region. This festival is a symbol of Telangana’s cultural identity. Bathukamma comes during the latter half of monsoon, before the onset of winter. The monsoon rains usually bring plenty of water into the fresh water ponds of Telangana and it is also the time when wild flowers bloom in various vibrant colors all across the uncultivated and barren plains of the region.

The Bathukamma’s were then taken in a procession to the entrance where women employees played in circles around bathukamma singing the popular bathukamma songs. Women employees of the college prepared bathukamma using a variety of wild flowers in vibrant colours including - gunugu, tangedi, banti, chamanti, gummadi etc.

ECE Dept Events

Faculty Publications

- **Dr.P.Bhaskara Reddy has published a paper entitled** “Big Data 42 Characteristics to Improve the Performance and Security (Free Journal & Scopus Indexed)” proceeding of Journal on “Journal of Advance Research in Dynamical & Control Systems (JARDCS), ISSN 1943-023X, Special Issue-07, July-2018 Page 1524-1537.
- **Dr.P.Bhaskara Reddy has published a paper entitled** “To Enhance the Security for ATM with the help of Sensor and Controllers (Scopus Indexed)” presented in International Conference on “2017 International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS)” organized by “SKR Engineering College, Poonamallee, Tamil Nadu, India from 01 st & 02 nd June, 2017.
- **Dr.P.Bhaskara Reddy has published a paper entitled** “To Detect Abnormal event at ATM System by using Image Processing based on IOT Technologies (Scopus Indexed)” proceeding of Journal on “International Journal of Engineering & Technology (IJET), ISSN 2227-524X, Volume-7, Number 3, 2018 Page 1000-1004
- **Dr.P.Bhaskara Reddy has published a paper entitled** “SLOLAR: Scalable List wise Online Learning Algorithm for Ranking (Scopus Indexed)” proceeding of Journal on “Journal of Advance Research in Dynamical & Control Systems (JARDCS), ISSN 1943-023X, Volume-10, Special Issue-03, March 2018 Page 755-764.
- **Dr.P.Bhaskara Reddy has published a paper entitled** “Managing Disaster Relief Operations Using Smart Phone/PDA Based Peer-To-Peer Communication” proceeding of Journal on “Anveshana’s International Journal Of Research In Engineering And Applied Sciences (AIJREAS), ISSN 2455-6300, Volume-3, Issue 3, March 2018 Page 402-415.
- **Dr.P.Bhaskara Reddy has published a paper entitled** “Emergency Reporting Using Smartphone During Disaster Management” proceeding of Journal on “Anveshana’s International Journal Of Research In Engineering And Applied Sciences (AIJREAS), ISSN 2455-6300, Volume-3, Issue 3, March 2018 Page 396-401.
- **Mr.K.Kranthi Kumar has published a paper entitled** “Design and implementation of ultra sonic range and object detection” at Seventh Sence Research Group International Journal OF ECE(SSRG-IJECE) in the month of 2nd November 2018.
- **Mr. B.Karunaiah has published a paper entitled** “Design and implementation of ultra sonic range and object detection” at Seventh Sence Research Group International Journal OF ECE(SSRG-IJECE) in the month of 2nd November 2018.
- **Mrs. J.Pushpa Rani has published a paper entitled** “Design and implementation of ultra sonic range and object detection” at Seventh Sence Research Group International Journal OF ECE(SSRG-IJECE) in the month of 2nd November 2018.

- **Mr.Ch.Ananda Kumar** has published a paper entitled “Wireless low tire pressure alerting system” at Seventh Sence Research Group International Journal OF ECE(SSRG-IJECE) in the month of 2nd November 2018.
- **Mr. B.Karunaiah** has published a paper entitled “Clap switch controller by using IC555 timer” at Seventh Sence Research Group International Journal OF ECE(SSRG-IJECE) in the month of 2nd November 2018.
- **Mr. K.Sandeep Kumar** has published a paper entitled “Relay Node power tuning based load balancing in LTE-A networks” at Seventh Sence Research Group International Journal OF ECE(SSRG-IJECE) in the month of 2nd November 2018.
- **Mr. B.Pulla Rao** has published a paper entitled “Relay Node power tuning based load balancing in LTE-A networks” at Seventh Sence Research Group International Journal OF ECE(SSRG-IJECE) in the month of 2nd November 2018.
- **Mr. B. Satyanarayana** has published a paper entitled “Relay Node power tuning based load balancing in LTE-A networks”at Seventh Sence Research Group International Journal OF ECE (SSRG-IJECE) in the month of 2nd November 2018.

Faculty Achievement

Mr. K.KranthiKumar Associate Professor of ECE department has Received Best faculty award from **Bharat Talent Associations** for the **A.Y. 2017-18** held at **Sreyas Institute of Engineering Technology**.



Industrial Visit



Industrial visit is a part of the Education, during which students visit companies and get insight of on the internal working environment of the company. The industrial visit also provides an insight on how companies work and also useful information related to the practical aspects of the course which cannot be visualized in lectures.

An Industrial visit to “CSIR.” (Council of Scientific and Industrial Research), at Uppal near Habsiguda Twenty Seven Information Technology students and two faculties visited, to interact with the Software Industry to understand current market scenarios, latest most demanding technologies & criteria for selection etc. In this visit students were very eagerly waiting for listening to industrial higher authorities.



Technical Head of CSIR conducted very informative session for the students. Also he motivated to the students to select their domain and area of interest. He also guided the students to select the areas like web development, mobile application development & software testing etc. and its importance in the current software market. He also guided which is their working technology.

Art & Activity

The art and craft workshop that was conducted in the premises was a success. There were a total of 20 students that participated. The workshop started with a video on Global Warming. It was subsequently played again for explanation, clarification and general discussion



The outcome of the workshop was that the students became informed on the growing issue of global warming. They learnt that practices such as planting trees, saving water etc. can be done on a personal level to combat this issue.

Fresher's 2K18

Freshers Day
2018



Fresher's Day is a welcome party to newcomers and there is a need to be friendly and motivate juniors. But these days, fresher parties have become fashion shows and are celebrated in college. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. Fresher's Day is a platform where the juniors showcase their talents. This has been a regular event in almost every year.

Colleges organize fresher's party the fresher's every year. The main aim of this party is to give a warm welcome to the new comers. Such parties not only build their confidence but also add creativity to their levels. It is accompanied with so many colourful events and programs like ramp walk, traditional, fusion, and western dances, exhilarating singing performances, and splendid decoration, thus making it a soulful day



This event explores the talent of the beginners and the existing students through this fresher party. Moreover, these types of celebrations help juniors to mingle with seniors and form a splendid co-ordination. This leads to a better understanding among all and a feeling of co-operation is fostered.

Faculty plays an imperative role in students' lives. They actively participate and guide the students towards a successful event. It is integrated with hard work, dedication and understanding among the leaders and the team members. Students enjoy a fun event with their peers and reminisce the good time spent with each other. This particular day creates many memories for the first year students and their seniors alike, with an array of cultural programs.

CSE Dept Events

Soft Skills Program



The term **soft skills** refers to the personal traits, characteristics and competencies that inform to how an individual relates to others and is often used as a synonym for people skills or interpersonal skills. The term describes those personal attributes that indicate a high level of emotional intelligence. These skills can include empathy, analytical thinking and etiquette. Soft skills are attributes that are impossible to quantify but play an important factor in many business settings.



Soft skill program is conducted for the final year CSE students, The trainer's name for soft skill program are as follows:

- 1.B. Krishna Reddy
2. S. Kennady Babu
3. B. Harinath

Students actively participated in the soft skill session like, how to introduce themselves to interviewer, preparation of resume etc., Dr. Y. Shivaramaraju from Hyderabad has been invited to deliver the lecture Under soft skill program Personality development.

Pearson Program



Pearson Professional Programs partners with leading educational institutions, faculty and content providers from around the world to help working professionals update their skills and progress in their careers, while making material improvements in the organisations that they work for.



The Pearson program 5th session started on 24th and 25th September 2018. From CSE department two final year students registered for this Program,

1. Ms. Srija Devi
2. Ms. Paridi Sharma

Under the Guidance of instructor from both of them have two projects named

1. Smart Irrigation
2. Smart Kitchen

Based on IOT Technology

TATA service Program



TATA STRIVE PROGRAM Orientation Programme of TATA STRIVE organized on 05/10/18, As per the 11th five-year plan published by the Indian government, there will be a shortage of 55 million skilled workers in 2022 in the rest of the world, whereas India will have a surplus of 47 million skilled workers. TATA STRIVE, an initiative of Tata Community Initiatives trust, and the first Group CSR programme, addresses the pressing need of skilling India's youth for employment, entrepreneurship and community enterprise. "The Capacity to learn is a gift; the ability to learn is a skill; and the willingness to earn is a choice." Dr. A. Vara Prasad Reddy chairman, Holy Mary Group of Institutions, Dr. A. Vijaya Sarada Reddy Secretary, Holy Mary Group of Institutions, Dr. P. Bhaskara Reddy Director of HMGI have attended this program, the chief guests, Naresh Patnaik, Master Facilitator, TATA STRIVE, Nithin Kashyap Senior officer, TATA STRIVE, Rajesh Vartak Executive Director and chief Technology officer at SEED INFOTECH, Anil Agarwal Head, Retail Training and Institutional Alliances.

Dr. A. Vara Prasad Reddy chairman, Holy Mary Group of Institutions, Dr. P. Bhaskara Reddy Director of HMGI, and the chief guests inaugurated the programme by deep prajwalan.

Dr. A. Vara Prasad Reddy chairman, Holy Mary Group of Institutions, Dr. P. Bhaskara Reddy Director of HMGI, and the chief guests inaugurated the programme by deep prajwalan.

Swechha Program



SWECHHA organized training program for B.Tech Second and Third year students. The Training program conducted for two days that is on 3rd & 4th October 2018, at Hits campus in CSE Department, the training program on LINUX Programming and web Technology. Students actively involved in this sessions and completed the task given by the trainer .

Student's achievement



SEPAK TAKRAW Federation of India, 22nd Jr. National Sepak Takraw championship(Boys & Girls) held from 26th to 30th October, 2018, at DTRP Indoor Stadium RGB sports complex, Nehru stadium, Guwahati organized by Assam Sepak Takraw Association in Collaboration with sepak

Takraw Federation of India

Mr. D. Shashank CSE II year B.Tech student participated at national event & also Mr. D. Shashank CSE II year B.Tech student won 3rd price at National level event.

SEMINAR ON CLOUD COMPUTING



Cloud computing is shared pools of configurable computer system resources and higher-level services that can be rapidly provisioned with minimal management effort, often over the Internet. Cloud computing relies on sharing of resources to achieve coherence and economies of scale, similar to a public utility. **Cloud compute instances powered by the latest processors, and secured by the most advanced network and data center architecture, yet available in minutes when you need them.**



Guest lecture on “Cloud Computing” by Mr. Sridhar from cognizant technology, Hyderabad organized a seminar on 01/11/18 for B.tech final year students.

FRESHERS PARTY



Fresher parties generally consist of dance programs, speeches, drama ,etc and also food. They are to introduce the **freshers** to their seniors as well. It generally happens after few days of the beginning of college of the first year. Juniors take advantage from this event. They show their talents and get a good communication with seniors because they are the source for their help in the future and guide them at the time of examinations or selection of carrier in the future.



EEE Dept Events

INDUSTRIAL VISIT



Industrial visit is a part of the professional (mostly engineering / MBA / Diploma) courses, during which students visit companies and get insight of on the internal working environment of the company. The industrial visit also provides an insight on how companies work and also useful information related to the practical aspects of the course which cannot be visualized in lectures. With an aim to go beyond academics, these visits are arranged to develop the insights of the students – attaining practical knowledge and their theoretical applications thereof.

Industrial visit is considered as one of the most tactical methods of teaching. The main reason behind this – it lets students to know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view.

We take a group of students for a guided tour into the premises of various industries, providing them information about the background of the companies and their current position in the global business scenario.



College industrial team has honored the director of CPRI, Hyderabad by presenting him a Bouquet. There is a Power Transformer testing Unit here at the entrance of Impulse generating testing unit CPRI, Hyd.

INDUSTRIAL VISIT to BHEL Ramanthapur



Industrial visit to BHEL Ramachandrapuram, with the students of 2nd yr accompanied by the faculty members on 8th October 2018.

FRESHERS PARTY CELEBRATIONS



Immediately after the start of the academic year, freshers start dreaming about Freshers Day, which is celebrated compulsorily every year in Holymary's College. The very purpose of Freshers Day on 3 Nov 18 party is to welcome newcomers in a friendly atmosphere and avoid social evils, to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. Students eagerly look forward to this event at the beginning of every academic year. The stage is set for fresher's to showcase their talent and compete for the Mr & Miss. Fresher's Crown.

Mechanical Dept Events

FACULTY PUBLICATIONS

Faculty research papers published in international journal (Sep-Nov 2018)

- Dr. S.Ugender¹, Dr. S. Jayakrishna² and Dr. E. D. Francis³, (Sep 2018) **“INFLUENCE OF WELDING SPEED, AXIAL FORCE AND ROTATIONAL SPEED ON THE FORMATION OF FRICTION STIR WELDING ZONE IN AZ31 MAGNESIUM ALLOY”**, “International Journal of Mechanical Engineering & Technology (IJMET), Volume 9, Issue 8, Sep 2018, pp. 845–857;
- Dr. S. Jayakrishna¹, Mr. B HarishRaj², Mr. B Malssor³, (Nov-2018) **“OPTIMAL DESIGN OF 8 UPS SPATIAL PARALLEL MANIPULATOR BY USING PERFORMANCE INDICES”**, IRJAT, Volume-1, Issue-11, Nov-2018, pp. 559-563;
- Dr. R.Jothi Murugan, (Nov-2018) **“ENHANCING PERFORMANCE MEASURES IN ELECTRICAL DISCHARGE MACHINING OF MONEL 400TM USING MIXTURE OF DIELECTRIC FLUIDS”**, IRJAT, Volume-1, Issue-6, Nov-2018, pp. 180-185;
- Dr. V Suresh (Nov-2018) **“ENHANCING PERFORMANCE MEASURES IN ELECTRICAL DISCHARGE MACHINING OF MONEL 400TM USING MIXTURE OF DIELECTRIC FLUIDS”** IRJAT, Volume-1, Issue-6, Nov-2018, pp. 180-185;
- Mr. P Vijayanand (Nov-2018) **“FUTURE IN MATRIX COMPOSITES FOR AUTOMOTIVE INDUSTRY: A REVIEW”** IRJAT, SPECIAL ISSUE- ICETST, Nov-2018, pp. 88-100;
- Mr. J Mallesh¹, Mr. SANTHOSH BAGEWADI², Mr. V B MANJUNATH³(Nov-2018) **“DESIGN AND STRUCTURAL STATIC ANALYSIS OF SPUR GEAR IN AUTOMOTIVE”**, Volume-1, Issue-6, Nov-2018, pp. 1-4;
- Mr. B Malsoor¹, Mr. B HARISH RAJ², Mr. K P REDDY³(Nov-2018) **“STATIC AND DYNAMIC ANALYSIS OF SPUR AND BEVEL GEAR”** IRJAT, Volume-1, Issue-6, Nov-2018, pp. 150-162;
- Mr. Ayub Ashwak¹, Mr. V SURESH²(Nov-2018) **“DESIGN AND FLOW ANALYSIS OF CONDENSER FINS BY USING CFD”**IRJAT, SPECIAL ISSUE- ICETST, Nov-2018, pp. 31-37;
- Ms. K Vijayasree¹, Mr. Ayub Ashwak²(Nov-2018) **“INFLUENCE OF STACKING ANGLE ON FILAMENT WOUND GLASS EPOXY STRUTS UNDER TENSILE LOADING”** IRJAT, SPECIAL ISSUE- ICETST, Nov-2018, pp. 48-51;
- Mr. M G Suresh(Nov-2018) **“NATURAL FIBER COMPOSITES TECHNOLOGY AND APPLICATIONS”** IRJAT, Volume-5, Nov-2018, pp. 69-74;
- Mr. Aesh Bhil¹, Mr. V B MANJUNATH², Mr.ASHWAK.AYUB³, Mr. MALLESH JAKNUR⁴ (Nov-2018) **“A DESIGN OF GEAR TOOTH PROFILE USING CURVE”** IRJAT, Volume-1, Issue-11, Nov-2018, pp. 163-169;
- Mr. V Mallikarjuna¹, Dr. V SURESH², Mr. A SAI TEJA³(Nov-2018) **“MODELING AND ANALYSIS OF CYLINDER BLOCK FOR V8 ENGINE”** IRJAT, Volume-1, Issue-11, Nov-2018, pp. 170-179;
- Mr. A Sai Teja¹, Mr. V MALLIKARJUNA², MS. B CHARITHA³(Nov-2018) **“COMPARISON OF MATERIAL PROPERTIES MADE BY 3D-PRINTING PROCESS USING TWO DIFFERENT MATERIALS”** IRJAT, Volume-1, Issue-6, Nov-2018, pp. 110-115;
- Mr. G Raju¹, Dr. V SURESH², Mr. T RAMESH³, Mr. V. HATHIRAM⁴(Nov-2018) **“MODELELIND AND ANALYSIS OF FUSELAGE”** IRJAT, Volume-1, Issue-11, Nov-2018, pp. 204-212;
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INTERNATIONAL CONFERENCE



Dr.ZAIRA ZAMAN CHOWDHARY (Professor & Industrial Training Coordinator, University Malaya, Kuala Lumpur, Malaysia), has inaugurated International conference on emerging trends on science and technology (ICETST – 2018) HITS IN ASSOCIATION WITH “SEVENTH SENCE RESEARCH GROUP” on 2nd November 2018. Speaking on this occasion she said it’s a big platform to learn lot of things internationally and nationally. Knowledge should be shared with others. Appreciated HITS College for maintaining peaceful in college premises.

Speaking on this occasion Dr.A.VARAPRASAD REDDY (CHAIRMAN OF HMGI) has said that Emerging trends in science and technology is a very large area which has no boundary as per the title given so students can present more number of papers from any department. Speaking on this occasion Dr.P.BHASKAR REDDY (PRINCIPAL/DIRECTOR) HITS has said that Students need to publish their ideas and get recognition for their ideas and innovations. All students should present & publish their papers. Technology to be used for presenting their ideas. Speaking on this occasion Dr.B.S.REDDAPPA (HOD MECHANICAL) has said that it is a Platform for young budding engineers to exchange their views, ideas and to explore or to exchange ideas, talking with other experienced scientists/engineers of other places.



Speaking on this occasion Dr.SURENDER (EDITOR OF SSRG) has said that SSRG is organizing many conferences and having 2000 doctorates in our group. Don’t try for job, focus on becoming entrepreneurs and employers. Look in to the geography background and carryout your research. Speaking on this occasion B.M.ROY (professor & head of mathematics, RTM Nagpur University) has said that his specialization topics are in number theory and congruence’s. he develop two different methods for solving problems in five minutes instead of thirty minutes. He published fifteen books in mathematics. Speaking on this occasion Dr.SALIHU ABDULLAHI (professor, kabala university, Uganda) said that he was the First time to be in Telangana and already been in northern part of India. Proud for the Indians and like our India. Accodamissions should have two P’s i.e publish or perish.

TWO DAYS NATIONAL SEMINAR ON ETNC & NT



Dr. Roy Johnson (Sc-G, ARCI) has inaugurated National Seminar on “EMERGING TRENDS OF NANOCOMPOSITES & NANOTECHNOLOGY AND ITS APPLICATIONS HITS IN ASSOCIATION On 14th November 2018. Speaking on this occasion he said it’s a big platform to learn lot of things like Nano composite Nano technology. Brief introduction to nano technology in terms of medical and automobile applications. In the field of meditation now it’s possible to get solutions for any big health issues by using nano techniques for example like cancer, nano techniques now a days has great replica towards the automobiles which soon be in future would give more efficient performance and also cost efficient with respect to fuels which is been used in it for example the bio fuels.

Dr. Bhaskar Prasad Saha(Sc-F, ARCI) has said that it is The ability to see nano-sized materials has opened up a world of possibilities in a variety of industries and scientific endeavors. Because nanotechnology is essentially a set of techniques that allow manipulation of properties at a very small scale, it can have many applications, such as the ones listed below.

Drug delivery. Today, most harmful side effects of treatments such as chemotherapy are a result of drug delivery methods that don’t pinpoint their intended target cells accurately.

Fabrics. The properties of familiar materials are being changed by manufacturers who are adding nano-sized components to conventional materials to improve performance. For example, some clothing manufacturers are making water and stain repellent clothing using nano-sized

Molecular Manufacturing. If you’re a Star Trek fan, you remember the replicator, a device that could produce anything from a space age guitar to a cup of Earl Grey tea. Your favorite character just programmed the replicator, and whatever he or she wanted appeared. Researchers are working on developing a method called molecular manufacturing that may someday make the Star Trek replicator a reality and many more.

Dr.B.S. REDDAPPA (HOD MECHANICAL) has said that it is, Improvement of knowledge in terms of mobile, televisions, radio etc. Classification of metals: – solid, liquid and gases Importance of composite materials, Nano composite applications and importance, he has shared his view over the trends of Nano techniques in routine life and how the future would be with affectionate of technologies pertaining to nano.



Dr. Murali Mohan, (DEAN Academics HITS) has said that, Main focus is to fill the gap between industries and students, knowledge doesn't have any boundaries or limits, it could be shared with others unknowing to any background which may give benefits for self development as well as the future basis.

Dr.P.BHASKAR REDDY (PRINCIPAL/DIRECTOR) HITS has said that first seminar received by DST in HITS. DRDO is having 200 cores of projects in Nano composite area. All materials are exhausting, we have to find the alternatives and use it accordingly, and there can be substitutes of materialistic which would take the place of the existence of whom we were losing the required capacities as per our needs.

Dr. E. Daniel Francis, (Prof HITS), has said that Nano materials should be prepared at present in according to medical field. Important of light weight materials. In the field of meditation now is longer that there won't be any hospitals or any more health base agencies, and to which the place would be taken by the techniques like Nano.

PARENT TEACHER MEET



The Parent Teacher's Meeting for the 2nd year and 3rd [A&B section] was organized by the Department of Mechanical Engineering on 13th October 2018. The meeting started with the welcome address by Head of the Department, Dr. B.S Reddappa. He briefed the gathering about the activities and also explained how the department offers the best possible learning environment for the students. Subsequently student's attendance, academic performance and other special programs have been briefed to the parents.

FRESHER'S DAY CELEBRATIONS



Our mechanical 2nd Year students celebrated Fresher's day to welcome 1st Year students. Fresher's day is a event to collaborate newly admitted students and seniors. It's an opportunity for fresher's to know the seniors and find out their experiences. The very purpose of Fresher's Day party is to welcome newcomers in a friendly atmosphere and avoid social evils, to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college.

Introducing all the faculty by HOD Sir to the Mech1stYear students. Director sir, HOD sir addressing the students of our Mech department.

CIVIL Dept Events

FACULTY PUBLICATIONS



- **Dr. M.S.CHAUHAN** has published a paper entitled “Case Study and Design of Foundation of Railway over bridge” at International Journal for Science and Advance Research in Technology in the month of September 2018.
- **Dr. UMA BHAWSAR** has published a paper entitled “Investigation of Performance at Hyderabad-Yadgiri Toll Plaza” at International Journal of Research in the month of September 2018.
- **Dr. SYED OMAR** has published a paper entitled “Passenger Car Equivalents for the Heterogeneous Traffic on Divided Rural Highways based on Simulation Model’ at Transportation in Developing Economies (TIDE) in the month of September 2018.
- **M.HARISH KUMAR** has published a paper entitled “Re Using the Construction Waste Remained after Effect of Natural Disaster” at International Journal for Science and Advance Research in Technology in the month of September 2018.
- **J.VENUGOPAL** has published a paper entitled “Poly Bricks” at International Journal for Science and Advance Research in Technology in the month of September 2018.
- **A.NAGA RAJU** has published a paper entitled “Stabilization of Soil by Using Stone dust” at International Journal for Science and Advance Research in Technology in the month of September 2018.
- **PARUCHURU ANIL KUMAR** has published a paper entitled “A Study of Construction and Operation of Outer Ring Road in Kandlakoi” at International Journal for Science and Advance Research in Technology in the month of September 2018.

INDUSTRIAL VISITS

II - years Industrial Visit

The CEMEX INFRA PVT.LMT at Cherlapally in R.R. Dist. Was visited by the students and faculties, to know about the preparation of cements and practices held in the site. The site was including in different types of cements and minerals and the students were explained about different type of cements.



III - years Industrial Visit



The under construction work of FOUNDATION ,SLABS ,TRUSSES AND COLOUMNS at A.V CONSTRUCTIONS INDIA PVT.LTD at TARNAKA , Rangareddy District , visited by the students and faculties, to know about the construction methods and practices held in the site. The site was including a steel structure and Reinforced Concrete structures and the students were explained about different types of construction.



IV - years Industrial Visit



An **Industrial trip** was organized by the Civil Engineering Department for the benefit of students to have the **practical knowledge** in civil engineering field. The **Final year students** were taken for the visit with the assistance of class in-charges and related teachers.

The visit was held on **03rd NOV 2018**, to a site which was under construction by the **A.V CONSTRUCTIONS INDIA PVT.LTD** at **MEDIPALLY (PEERZADIGUDA)** , Rangareddy District .The industrial site visit, went smoothly by the guidance of Mr.Subbaiah , Mrs M.Mounika , Mr.Amar kumar Faculty of civil Engg. Department , HITS, Bogaram.



PARENT TEACHER MEET



Department of Civil Engineering Conducted Parent-Teacher meeting on 13-10-2018.
HOD Sir Interaction with parents on Parent-Teachers meeting.

SOFT SKILLS CLASSES



Soft skill program is conducted for the final year Civil students, The trainer's name for soft skill program are as follows:

1. B. KrishnaReddy
2. S. Kennady Bau
3. B. Harinath

Students actively participated in the soft skill session like, how to introduce themselves to the interviewer and to respond appropriately.

FRESHERS DAY - 2018

Freshers Day is a welcome party to newcomers and there is a need to be friendly and motivate juniors. But these days, fresher parties have become fashion shows and are celebrated in college. Fresher's Day is a platform where the juniors showcase their talents. This has been a regular event in almost every year.

A little music, new faces, smiles all along, clamouring for the party time provides moments to chill out in the form of orientation day and fresher party.



Introducing all the faculty by HOD Sir to the Civil 1st Year students. Director sir Participating in Ramp walk with students then,HOD sir addressing the students of civil department.



Contact us:

HOLY MARY INSTITUTE OF TECHNOLOGY AND SCIENCE

(Approved by AICTE, Permanently Affiliated to JNTUH, Accredited By NAAC "A" Grade)

EAMCET/ECET/POLYCET/ICET/PGECET Code: HOLY

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