



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
(UGC-AUTONOMOUS)

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First Recognized Research Centre under JNTUA, Recognized as SIRO by DSIR



Annual Reports

The annual reports of Madanapalle Institute of Technology and Science, Madanapalle, are attached below in the sequence –2018-19; 2017-18; 2016-17; 2015-16; 2014-15.

PRINCIPAL
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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

UGC -AUTONOMOUS

Madanapalle - 517325, Chittoor Dist., Andhra Pradesh

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ANNUAL REPORT 2018-19

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College News

Conferences/Symposiums/Workshops Organized

Department of CE

- Organized a national seminar on "*Career Planning and Opportunities in Building Information and Modelling (BIM) Industry*" on 26th September 2018. Mr. Sudip Choudhary (Head of Operations, Teken BIM Technologies, Chennai) was the resource person.
- An awareness programme on "Pre- Engineering buildings" was organized by the Dept. of Civil Engineering at MITS on 5 December 2018.
- A two-day workshop on "FEAST ISRO- Finite Element Analysis of Structures- Substructured and Multi-Threaded" was organized by the Dept. of Civil at MITS on 17th and 18th December, 2018.
- Organized a national level student's '**Technical Symposium CITA'19**' on 27 March 2019. Mr. Venugopal Rao, Chief Engineer R&B Quality Control, Andhra Pradesh was the chief guest.
- Organized a two-day hands-on training on **Total Station** to B. Tech. III Year II semester students on 21 and 22 April 2018.
- A Workshop on "ISO/IEC 17025:27" was organized on 25th November 2018.



Department of EEE

- Organized a One-day workshop on "*Practical Implementation on Microgrids*" on 21 July 2018 for EEE students. Prof. Debapriya Das Professor, (Dept. of Electrical Engineering, IIT Kharagpur) was the resource person.
- Two day workshop on "Hybrid Solar Inverter for PV Power Generation "was organized on 2nd and 3rd November 2018.
- Organized a Three day workshop on "Robotics" from 2nd November 2018 to 4th November 2018
- Organized a one-day national level technical symposium "Technofest on Electrical Revolutions & Advancements (**TERA-2K19**)" on 16 April 2019. **Sri Vinoth Sankar, Senior R&D Engineer, ABB Innovation Center, Bengaluru**, was the chief guest.
- Organized a workshop on "Importance of electrical safety" for non teaching staff on 8th April 2019

Department of CSE

- Organized a national level seminar on “Open Source Technologies” on 30th August 2018. Mr. Manoj Kumar (Technical Trainer – Head, Wipro Ltd, Chennai) was the resource person.
- Organized a “Two-day workshop in JDBC & Advanced Java Programming” on 5 October 2018.
- Organized a “Three-day Training Programme in Cyber Security” on 27 October 2018.
- Organized a two day workshop on “Essentials of office administration through Computer” for non teaching staff on 4th and 5th December 2018
- A workshop on “Introduction to Scientific Computing using Python “was organized on 12th February 2019.
- Organized a one-day national level technical symposium GMOCS (Glittering Minds of Computer Science) - 2019 on 2 April 2019. Mr. Ravi Palanisamy, Principal Architect, Cloud Practice, Wipro, Bangalore was the chief guest. The GMOCS-2019 included Technical Paper Presentation, Poster Presentation, Code War, Quiz, Project Expo, Gaming and Hackathon.
- Organized Bennett University sponsored “**Workshop on IoT and Drones**” on 20 April 2019. Dr. Gaurav Singal, Assistant Professor in CSE Dept., Bennett University, Greater Noida and Mr. Tejalal Choudary, Research Scholar, Bennett University, Greater Noida were the resource persons: The workshop was attended by 60 students and 6 faculty members from AI-team. An online test was conducted on the second day that covered the concepts dealt in two days. Digital certificates were issued based on the performances of the participants.

Department of ECE

- Organized a workshop on “Disciplinary Aspects in Laboratories” for non teaching staff on 19th July 2018
- A two-day TEQIP-II sponsored workshop on “Effective Communication Management & Significance of IELTS” on 3-4 October 2018 for B.Tech. students. Prof. K. J. Christopher Babu, Director VIP International Training Institute, Chennai was the resource person.
- A One day workshop on “Emerging 5G Research and Developments” was organized on 15th November 2018
- A one-day workshop (TEQIP-II sponsored) on “Recent Trends in Cyber Security” on 17 November 2018 for B. Tech. and MCA students. Mr. Virendra Pandey, Senior Manager, CISCO Networking, Bangalore was the resource person.

- A One day workshop on “Image Processing and Artificial Intelligence in multi resolution image recognition and understanding” was organized on 17th November 2018.
- A workshop on “Opportunities in Machine tool and Automation Engineering” was organized on 22nd February 2019
- Two day workshop on “Embedded Systems Designs and Applications” was organized on 5th and 6th March 2019
- Organized a workshop on “Safety in handling main circuit board” for non teaching staff on 16th March 2019
- A ‘One- day National Technical Symposium & Project-EXPO- ECLECTICA-2019’ on 3 April 2019 in MITS campus in order to provide a platform for learning, presentation and activities for the students. Dr. Shiv Narayan, Senior Scientist, CSIR-NAL, Bangalore was the chief guest.

Department of ME

- A three day workshop on “Smart Solutions for smart machines for Industry 4.0” was organized on 12th to 14th July 2018
 - Organized a two day workshop on “Fire Safety” for non teaching staff on 16th to 17th September 2018
 - Organized a three day workshop on “Technologies for development and delivery of instructional materials for e-learning” on 13th to 15th December 2018
 - A three day workshop on “Short term training program on tribology response of advanced composites” was organized on 14th to 16th February 2019
- 
- A one-day national level technical symposium "MECHONANCE'19" on April 17, 2019 in MITS campus. The symposium was inaugurated by the Chief Guest Mr. Kashinath M Patnasetty, Head - Value Added Services & Application Support Group, Ace Designers Limited, Bangalore.
 - Organized a two day workshop on “Mechatronic systems and product designs” on 29th and 30th April 2019
 - A Six day workshop on “3D printing technology in engineering education and hand on training” was organized from 10th to 15th June 2019

Department of Management Studies

- A five-day Induction Programme for 1st year MBA students. from 6 -10 August 2018. Various experts shared their ideas and knowledge with the MBA students.
- Organized a workshop on “Investor Awareness Program for the Non-Teaching Staff of MITS” on 22nd September 2018
- Organized a workshop on “Improving the Quality of work life among women employees” for non teaching staff on 15th November 2018
- Organized a workshop on “Financial Planning through Mutual Fund SIP” for non teaching staff on 24th March, 2019
- Organized a one-day ‘Quiz Competition on SPSS Software’ on 16 May 2019.
- Organized a two-day workshop on ‘Econometrics Using E Views’ on 18 - 19 May 2019. Dr. C Ganesh Kumar, Asst. Professor at Indian Institute of Plantation Management (IIPM) briefed the basics of econometrics to the students. The workshop was a hand-on experience on various models such as OLS, simple regression, multiple regression, unit root test, Auto regressive Moving Average (ARMA), ARIMA ARCH, and GARCH Models using E-Views Software.
- Organized a workshop on ‘Financial Planning for Middle Income Group People’ by Securities Exchange Board of India (SEBI) on 23 May 2019.




The theme of the workshop was financial education for the middle income group People. As it is believed that “**educated investor is a protected investor**” and “**informed investor is empowered investor**”. Dr. Mohammed Mujahed Ali, Empanelled Resource Person of SEBI, orchestrated the workshop.

Department of Computer Applications

- A two day workshop on “Internet of Things” was organized on 19th and 20th July 2018.
- A two day workshop on “Big Data & Hadoop” was organized on 25th and 26th April 2019.
- Organized a workshop on “Office Automation-Advanced MS WORD” for non teaching staff on 20th July 2018.
- Organized a workshop on “Office Automation-Advanced EXCEL-II” for non teaching staff on 5th January 2019.

Department of English and Foreign Languages

- Conducted a **three-week induction programme** for the First Year B. Tech. students during 18 June 2018- 7 July 2018. The main purpose of the student induction program was to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.
- Several educative sessions were held on various topics so as to bring awareness among the students about engineering studies, speakers of high profile were invited as resource persons.
- Organized a one-day workshop on **Business English Certificate (BEC)** examinations on 16 August 2018. The resource person was Ms. Chitra Sundarajan, a Cambridge trainer and examiner for **People Care Business Solutions**. She conducted a full one-day workshop to help faculty deal with the BEC training for students and help them to use the newly introduced book effectively. After undergoing this workshop faculty moulded their teaching style which in turn helped students to:
 - excel in BEC examination;
 - make a better presentation in seminars/conferences;
 - perform well in campus placement tests writing,
 - reading comprehension and personal interview;
 - enhance their study skills abilities and boost their confidence level up.
- Altogether **116 trainees** attended BEC Exam training. The first batch had **39 students**. The second batch comprised **30 students including 4 faculty**. The BEC exam this year, conducted for the third batch of 47 candidates (including two staff), concluded on 11 May 2019.
- The department is delighted to state that 5 B. Tech students secured **merit** in Business English Certificate **(BEC) Preliminary Examination** conducted by Cambridge Assessment English, Cambridge University, United Kingdom. The names are:
 
- Organized a two days workshop on “Politeness to be followed in Official Communication” for non teaching staff on 11th and 12th July, 2018

- Organized 'The National education Day', for the second time in MITS with the sole aim of uniting the MITS family under one umbrella of appreciation, which would lead to greater commitment. The National education Day conducted by Dept. was held from the second week of November 2018 i.e. November 6 to 14 November. The programme was highly appreciated. The Chief guest for the closing day on 14 November was **Mr. Rakesh Shukla, the CEO of TWB- a TEDx speaker and specialist on branding for B2B technology**. He has addressed business audiences in 1000's of companies, conferences and institutions of learning. The second guest was **Dr. K. Rajitha, Professor, School of Languages, VIT Chennai**. She motivated the students to believe in themselves.

Events Scheduled

The faculty of the Dept. of English and Foreign Languages, MITS were involved in conducting the competitions for both non-teaching staff and students.

Students:

JAM-Extempore and JAM- Vocabulary Game, Tight corner, News reading (keeping in mind the demands from companies during placement), J2M (writing), AD CREATION

- The programme closed with an Appreciation Ceremony, senior staff were appreciated for their long service to the institution, in helping to keep our campus clean, green and beautiful.
- The **National Education Day** was once again a success, a bigger success than the last one. Today, there are more smiles on the campus than in the past the smiles have travelled miles to bridge gaps
- Celebrated Shakespeare's day on 23 April 2019. The objective behind the celebration of Shakespeare's birthday which also happens to be the day he died. 23 April was to introduce our engineering students to the Great Bard, whose contribution to the English language cannot be ignored. In view of Shakespeare's Day, the Department of English and Foreign Languages organized competitions for students to help them shed fear and gain confidence when communicating in English.

The events were based on Shakespeare's works:

Character portrayal

Skit writing (pair) : The events were planned clubbing the students in two categories:

I & II years students – **I group**,

Third & Final + PG students- **II group**

- The skit writing competitions for the first and second year students were conducted during the lab hours for English as part of their written communication.

- The total number of participants for skit writing alone was close to 600.
- There were 10 participants from II & III year for character portrayal.
- There were **16 winners** for both competitions.

The programme was attended by Dr. D Sreemanth Basu, Dean Administration, who was elated at the response and the performance of students on the stage for character portrayal. Dr. Ramanathan, VP academics, and Dr. G. Hampamma, VP administration were happy to observe that students had participated and appreciated the events.

Conducted 225.3 hours **Japanese Language Proficiency** Training Program for the first, second, and third B. Tech. students of the institute from February 2019 to July 2019 . Overall 73 students registered for the training program. The primary aim of the program was to train the students to achieve N5 proficiency level in Japanese and orient students towards the Japanese culture and employment opportunities available in Japan. Sakuraa Nihongo Resource Centre, Bangalore trained the students over a period of one semester and at the end of the training students were asked to register and appear for the Japanese Language Proficiency Test. The following table describes the details of the students registered for the training program: .

- Got 1012 MITS students registered for the certified APSCHE- British Council English Communication Skills pilot programme. The department administered Aptis tests for the registered students. 300 students had applied for certification. **485** students took the test. 107 students have received their certificate in the first phase.
- Sankalp Sidhanth Mishra (ECE – F III yr.) got the highest grade ‘**C**’ in APTIS Speaking Test benchmarked by CEFR (The **Common European Framework of Reference** for Languages).The grade-wise performance of MITS students (based on certificates received) is tabulated below:

| CEFR Grade APTIS General Speaking | C | B2 | B1 | A2 | A1 |
|---|---|----|----|----|----|
| Number of students | 1 | 18 | 60 | 13 | 3 |

Department of Basic Sciences and Humanities

- Organized a National Level Technical Symposium PHOTON-2K19 – A Right Launching Pad for Engineering Freshmen for I B. Tech. students on 15 April 2019 in four streams Physics, Chemistry, Mathematics, and English. More than 230 papers were received, of which 186 papers were selected for presentation in eight parallel sessions. The chief guest for the symposium was Dr. Anjana Jain, Senior Principal Scientist, CSIR-National Aerospace Laboratories, Bangalore.

Department of Physics

- A two day workshop on “Thin film deposition techniques” was organized on 19th and 20th December 2018.
- A workshop on “Refresher program on latest trends in Raman spectroscopy” was organized on 28th February 2019.

Department of Chemistry

- Organized a two day workshop on “How to Live a Plastic-Free Life” for non teaching staff on 17th and 18th August, 2018
- Organized a two day workshop on “Water Conversation Day” for non teaching staff on 21st and 22nd March, 2019
- Department of Chemistry celebrated “World Ozone Day” on 17 September 2018. Dr. Ramanathan, (Vice Principal MITS) was the chief guest.

Guest Lectures Arranged**Department of CE**

- A Lecture on “Construction Project Management” on 4th August 2018. Mr. P. V. Krishna Reddy (Project Management, Punj Lloyd Ltd.) was the resource person.
- A lecture on “Geo-technical Aspects in Ground Improvement” on 23 February 2019. Dr. N. Darga Kumar, Head - Civil Engineering, J N T U H College of Engineering, Manthani, Peddapalli, Telangana, was the resource person.
- A lecture on “Condition Assessment & Non- Destruction Testing of Concrete: Basics, Importance and Methods” for B. Tech and M Tech students on 20 December 2018.

Department of EEE

- A lecture on “Power Electronics Application in Power Systems” for B.Tech. EEE students on 27 September 2018. Dr. Pavana Kumar, Simlife Electric Private Limited, Bangalore was the resource person.
- A lecture on "Practical Applications and Future Industry Needs/ Importance of Power Electronics" on 13 October 2018.
- A lecture on "**Demonstration of Hybrid Solar Inverter for PV Power Generation**" on 2 November 2018.
- A lecture on the "**World Energy Conservation Day**" on 14 December 2018.
- A lecture in association with MITSAWA and ISTE on "**Career Guidance after Engineering**" on 2 February 2019. Mr. Reddy Sekhar, Senior Section Engineer & Technical Assistant to Chief Workshop Manager/ South Central Railway (MITS Alumnus) was the resource person.

- A lecture on "**Role of Engineer in IT-Sector**" on 2 March 2019. Mr. SANAULLA SHAIK, Senior System Engineer in Development and Manage BMC True Sight, Cerner Healthcare IT – Bangalore was the resource person.
- A lecture on "**Smart Grids**" on 16 March 2019. Mr. K.B.Venugopal, Associate Project Engineer, ABB Global Industries and Private Service Limited, Chennai, IN. (MITS Alumnus) was the resource person.

Department of ECE

- A lecture on "Emerging 5G Research and Developments" for B.Tech. III and IV year I Semester ECE students on 17 November 2018. Mr. A. T. Kishore Ex-IAF Officer and Principle Consultant Telecom, ULT Technologies, Bangalore was the resource person.
- A lecture on "Image Processing and Artificial Intelligence in Multi-resolution Image Recognition and Understanding" for B.Tech. III year I Semester ECE students on 15 November 2018. Dr. Malay Nema, Scientist 'F', DRDO Bangalore was the resource person.

Department of CSE

- A lecture on "Data Base: Current & Future Trends" in association with MITSAA on 5 March 2019.
- A awareness programme on "Succeeding at Coding Interviews" on 11 February 2019. **Mr. Shaik Tipu Rahaman**, Aptitude Trainer, Training and Placement Cell- MITS Madanapalle was the coordinator.
- A lecture on "IT Trends" to B.Tech - CSE III Year students on 19 January 2019.
- A "Two- Day Workshop on Analytical and Quantitative Aptitude" on 4 -5 January 2019.
- A lecture on "**Mulsemmedia - Opportunities for AI**" sponsored by Bennett University on 14 May 2019.

Department of Management Studies

- A lecture on 'Banking and Shipping Technologies' for MBA students on 17 January 2019. Dr Shri Paratha Sarathy President and CFO Bothra Group Vishakhapatnam was the resource person.
- A lecture on 'An Overview of Financial Derivatives' for MBA students on 13 February 2019. Dr Ramana Rao, Professor & Chairperson- Finance, Sri Sivani Institute of Management Secunderabad, was the resource person.
- A lecture on Sales and Distribution Management by Dept. of Management Studies for MBA students on 20 February 2019. Mr. Kiran Kumar - G.P. Area Sales Manager Tata Tele Service Limited, Tirupati was the resource person.

Department of Mathematics

- A lecture on “*The Coin Exchange Problem*” on July 27, 2018. Dr. Indranath Sengupta, Associate Professor, Mathematics, Indian Institute of Technology Gandhinagar, Gujarat 382355 was the resource person for this programme.
- Dr. Vidya Prasad Shukla presented an invited talk on ***Stability of Dynamic Systems and Their Applications*** at Besant Theosophical College, Madanapalle on 26 December 2018.
- Dr. Kuvar Satya Singh presented an invited talk on “***Mathematical Modelling and Its Importance on Data Assimilation and Prediction of Tropical Cyclones Over Bay of Bengal***” at NIT Rourkela.

Campus Lecture Series

- **Department of Mathematics conducted campus lecture series on the topics** Importance of air sea flux and data assimilation in numerical simulation, Dominating Functions – A study, Love Type wave propagation in hydrostatic stressed MTI medium due to a point source, Physiological Flows, and Physiological Flows.

Faculty News

- Dr.K Sambasiva Rao, Sr. Assistant Professor, Department of ECE , received the **Certificate of Appreciation** for his thesis (the second best thesis) in the PhD category, engineering sciences, from Indira Gandhi Centre for Atomic Research (IGCAR), the second largest R&D unit of the Department of Atomic Energy (DAE), located at Kalpakkam during its foundation day on **April 30, 2019**. IGCAR is formed on April 30, 1971 by an executive order by Dr. Vikram Sarabhai, the Chairman, Atomic Energy Commission.
- Dr. V. K. Verma, HoD Department of Physics, visited KEK Photon factory, Japan with Financial assistance from Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) and Department of Science and Technology (DST), Government of India to carry out experiments at International Synchrotron Radiation Facilities for materials science research. Under this scheme a maximum of 30 scientists is permitted by DST, India per year.
- Dr. S. Bali Reddy, Sr. Asst. Professor, Dept. of CE, got certified in a 12-week NPTEL online certification for the course “Foundation Engineering”.
- Dr. Avadhoot Bhosale, Sr. Asst. Professor, Dept. of CE, got certified in a 12- week NPTEL online certification for the course “Concrete Technology”.

- Dr. R. Siva Shankar, Asst. Professor, Dept. of Computer Applications, participated in the "7th Indian School on Logic and its Application" held at Vellore Institute of Technology, Vellore during 29 September to 3 October 2018.
- Dr. R. Siva Shankar, Asst. Professor, Dept. of Computer Applications, participated in "South Bound Immersion Program for Workshop and Real-time Project implementation on IOT & BIGDATA" in Providence University, Taichung, Taiwan from 16 December to 2018 to 3rd Jan, 2019.

Ph.D. Awarded

Department of CE

- Mr. Aneesh Mathew, received his Ph.D. from MNIT Jaipur, Rajasthan on 14th August 2018 for his thesis entitled "*Spatio-temporal Analysis and Model Development for Urban Heat Island Effect over Indian Cities*".
- Mr. Manu D. S, received his Ph.D. from NIT Surathkal, Karnataka on 21th August 2018 for his thesis entitled "*Hybrid Biological System for Waste Water Treatment*".
- Mr. N. Amaranatha Reddy, received his Ph.D. from NIT Surathkal, Karnataka on 24th August 2018 for his thesis entitled "*Classifications of Indian Coastal Tidal Inlets and Some Aspects of Morphology Changes under Cyclone Event*".
- Ms. Suprava Jena received her Ph.D. from NIT Rourkela, Odisha on 21 December 2018 for her thesis entitled "*Performance Assessment of Urban Street Facilities Addressing Improvement Issues of Automobile Mode*".
- Mr. Avadhoot Bhosale received his Ph.D. from NIT Rourkela, Odisha, on 28 December 2018 for his thesis entitled "*Studies on Vertically Irregular Infilled Frame Buildings*".
- Mr. Sudheerkumar Yantrapalli received his Ph.D. from NIT Warangal on March 22, 2019 for his thesis entitled "*Evaluations of Locally Available Clayey Soils for their Suitability as Landfill Liners*".

Department of EEE

- Mr. A.V. Pavan kumar, received his Ph.D. from BITS Pilani, Hyderabad on 20 July 2018 for his thesis entitled "*Tie-Line Frequency Bias Control of an Interconnected PV-Wind Hybrid Power System*".
- Mr. Sumit Verma, received his Ph.D. from ISM Dhanbad on 01st August 2018 for his thesis entitled "*Congestion Management in Deregulated Environment*".
- Mr. Sudarshan Swain received his Ph.D. from NIT Rourkela on 28 June 2019 for his thesis entitled "*Grid Synchronization Control Schemes for a Three Phase Grid Connected Photovoltaic System with Power Quality Disturbances*".

Department of ECE

- Mr. Sudeep Surendran received his Ph.D. from NIT Warangal on 4 June 2018 for his thesis entitled "*Development of Novel perceptual signal subspace speech enhancement for low distortion and colored noise reduction*".
- Mr. Ranjan Kumar Mahapatra received his Ph.D. from NIT Surthkal on 29 August 2018 for his thesis entitled "*Received Signal strength based localization in wireless sensor networks*".
- Mr. P. Sarwesh received his Ph.D. from NIT Surathkal on 1 October 2018 for his thesis entitled "*Energy Efficient Network Architecture of IOT Applications*".
- Mr. Prashant Kumar received his Ph.D. from NIT Silchar on 5 October 2018 for his thesis entitled "*Modeling, Simulation and Optimization of Hetero Junction Schottky Barrier MOSFET and RF/Linearity Performances for Low Power Applications*".
- Mr. S. Rajarajan, Department of ECE, received his Ph.D. from IIT, Kharagpur on 11-November-2018 for his thesis entitled "*Throughput-Reliability Trade off Analysis of Multiplexing Oriented Transmission Schemes*".
- Mr. Lucky Agarwal received his Ph.D. from NIT Allahabad, Prayagraj on 3 December 2018 for his thesis entitled "*Simulation and Fabrication of ZnO based junction devices for electronic and optoelectronic applications*".
- Mr. Gaurav Varshney received his Ph.D. from NIT Delhi on 10 December 2018 for his thesis entitled "*Design, Analysis and Development of Dielectric Resonator Antenna*".
- Mr. Pratik Mondal received his Ph.D. from IEST, Shibpur on 14 December 2018 for his thesis entitled "*Some Studies on Design and Development of Microwave Integrated Circuits*".
- Mr. Arvind Kumar received his Ph.D. from NIT Trichy on 23 May 2019 for his thesis entitled "*Investigations on Substrate Integrated Waveguide Cavity-backed Antennas with Enhanced Performance for Wireless Communications*".
- Mr. Sundita Debnath received her Ph.D. from NIT Silchar on 28 May 2019 for her thesis entitled "*Node Scheduling Interface and Sensing Model and Their Impact in Coverage in Wireless Sensor Network*".
- Mr. Debashish Dash received his Ph.D. from NIT Silchar on 3 June 2019 for his thesis entitled "*Some Studies on Anatase and Qubic Titanium di oxide using DFT based approach*".

Department of CSE

- Mr. Diwakar Tripathi, received his Ph.D. from NIT, Goa on August 28, 2018 for his thesis entitled "*Credit Score Data Classification for Credit Risk Analysis using Soft Computing Techniques*".
- Mrs. Rashmi Laxmikant Malghan received her Ph.D. from NIT Surathkal on November 10, 2018 for her thesis entitled "Development of a Hybrid Recurrent Neural Network Based Intelligent Decision Support System with Reverse Mapping for CNC Machining".
- Mr. Sunil Kumar Singh received his Ph.D. from NIT Patna on 15 November 2018 for his thesis entitled "Wireless Sensor Networks".
- Mr V T Manu received his Ph. D. from University of Hyderabad on 28 December 2018 for his thesis entitled "Image Tamper Detection Techniques for Social Media".
- Mr. Koppala Guravaiah received his Ph.D. from NIT, Tiruchirappali on January 28, 2019 for his thesis entitled "Study on Performance of Routing Protocols for Wireless Sensor Networks using River Formation Dynamics".
- Mrs. Sitara received her Ph.D. from University of Hyderabad on February 4, 2018 for his research entitled "*Video and Camera Tampering Detection Techniques for Securing Video Surveillance Systems*".
- Mr. Y C A Padmanabha Reddy received his Ph.D. from JNTUA Anantapur on April 8, 2019 for his thesis entitled "*Fast Semi-supervised Clustering Methods to Find Arbitrary Shaped Clusters*".
- Mr. Sriramulu Bojjagani received his Ph.D. from University of Hyderabad on April 15, 2019 for his thesis entitled "*Design, Testing and Formal Verification of Secure Mobile Payment Protocols*".
- Mr. Shashidhara R. received his Ph.D. from National Institute of Technology Karnataka, Surathkal on April 16, 2019 for his thesis entitled "Design of Robust Authentication Protocols for Roaming Service in Mobility Environments & Mitigation of XSS Attacks in Web Applications".

Department of English and Foreign Languages

- Mr. M K Senthil Babu received his Ph.D. from NIT, Tiruchirappalli on 12 July 2018 for his thesis entitled "*Academic Reading: An Influential factor in Acquiring Academic Language Proficiency*".

Department of Mathematics

- Mr. Parvez Alam, received his Ph.D. from IIT Dhanbad on 16 November 2018 for his thesis entitled "*Theoretical Study of Seismic Wave Propagation in Various Types of Layered Media.*"

Patents

| S. No. | Faculty Name | Patents Title |
|--------|--|--|
| 1 | Dr. Dr. Ilampoornan. M. K., Department of EEE | An improved voltage compensation technique for long sag condition using ac chopper |
| 2 | Dr. P. Naresh Department of ME | System And Method For Reinforcing Powder Particles Using Friction Stir Processing |

Research Projects

- **Dr. Renjith Bhaskaran**, Asst. Professor – Department of Chemistry; received a research grant of Rs. 14.50 lakh for the project entitled "*Modelling Potential Radio Sensitizer Molecules for Chemotherapy*" under Dassault-La Fondation scheme.
- Dr. Renjith Bhaskaran, Asst. Professor – Department of Chemistry; received a research grant of Rs. 14.50 lakh for the project entitled "*Modelling Potential Radio Sensitizer Molecules for Chemotherapy*" under Dassault-La Fondation scheme.
- **Dr. Arunbabu Damodaran**, Asst. Professor – Department of Chemistry, received a research grant of Rs. 12.00 lakh for the project entitled "*Stimuli Responsive Nanocomposite Polymer Hydrogels for the Fabrication of Desalination bags for Forward Osmosis Desalination*" under La Fondation scheme.
- **Dr. N. Nanda Kumar Reddy**, Assistant Professor – Department of Physics, received a research grant of Rs. 43.89 lakh from DST-ECRA.
- **Dr. K. Kamakshi**, Asst. Professor – Department of Physics, received a research grant of Rs. 46.63 lakh from DST-ECRA.

New instruments procured

- **UTM Machine (5KN) Tinius Olsen Make** was procured from DST-SYST-SEED funding received for "Reclamation of Tomato Plant Waste into Commercially Viable Paper Products" project.
- **Laser Particle Sizer** was procured from **Dassault Systemes Foundation** funding received for "Stimuli Responsive Nanocomposite Polymer Hydrogels for the Fabrication of Desalination Bags for Forward Osmosis Desalination" project.
- **High-performance computing cluster** was procured from Dassault Systemes Foundation funding received for "Modelling Potential Radiosensitizer Molecules for Chemotherapy" project.

Research/Conference Papers Published

Department of CE

- Avadhoot Bhosale (**First author**) "Evaluation of Nonlinear Properties of AAC Block Masonry under Compression and Shear" *Journal of Material in Civil Engineering*, December 2018. (**ASCE**).
- Aneesh Mathew (**Second author**) "Analysis of Cooling Effect of Water Bodies on Land Surface Temperature in Nearby Region, A Case Study of Ahmedabad and Chandigarh Units in India" *Egyptian Journal of Remote Sensing and Space Science*, December 2018. (**Elsevier**).
- Amarnatha Reddy (**First author**) "Non-dimensional Methods to Classify the Tidal Inlets Along the Karnataka Coastline, West Coast of India" in "Proceedings of the Fourth International Conference in Ocean Engineering (ICOE2018), December 2018. (**Springer**).
- Amarnatha Reddy (**Second author**) "Tidal Energy Estimation of Potential Tidal Inlets Along the East Coast of India".In Proceedings of the Fourth International Conference in Ocean Engineering (ICOE2018), December 2018. (**Springer**).
- **Brijesh Kumar** and Dr. Dipankar Roy "Analysis of flooding and drying conditions through trend analysis of AMSR-E satellite soil moisture over the Himalayan Gandak River basin" *Ecology, Environment and Conservation* (**Scopus – Accepted**)
- **Aneesh Mathew** "Prediction of land surface temperatures for surface urban heat island assessment over Chandigarh city using support vector regression model" *Solar Energy* (**SCI -Expanded**)
- **Avadhoot Bhosale** "Experimental Investigation of Autoclaved Aerated Concrete Masonry." *ASCE-Journal of Material in Civil Engineering*, DOI: 10.1061/(ASCE)MT.1943-5533.0002762 (**SCI**)
- **Abdul Akbar** (First author), "Demand Factor Definition—A Dimensionless Parameter for Vertical Axis Wind Turbine" *MethodsX*, March 2019. (**Scopus**).

Department of EEE

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Physical Education & Sports Cell

- **R. Rajesh William**, "Impact of Various Plyometric Training Program on Agility, Explosive Power and Peak Torque Ratio of Football Players". *Online International Interdisciplinary Research Journal (OIIRJ)* Vol 9, Issue 4, May 2019 ISSN No. 2249-9598.
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Conferences/Seminars/Workshops/ Faculty Development Programs Attended

Department of CE

- Teaching and Non-Teaching staff attended a workshop "ISO/IEC 17025:2017 Awareness (Training Program)" on 25 November 2018, 2018 at MITS Madanapalle.
- Dr. Dipankar Roy, Dr. Brijesh Kumar and Dr. Avadhoot Bhosale Sr. Assistant Professor, Dept. of Civil Engineering, attend a "Workshop on Outcome Based Learning in NBA / NAAC Evaluation" from 30 November to 1 December 2018 at Madanapalle Institute of Technology and Science, Madanapalle.
- Dr. Brijesh Kumar attend an FDP on "NBA&NAAC Accreditation Process" from December 10 -14, 2018 at M S Ramaiah Institute of Technology, Bengaluru.
- Civil Engineering Teaching and Non-Teaching staff, attended a "Two-day Workshop on "FEAST ISRO- Finite Element Analysis of Structures-Sub-structured and Multi-Threaded" organized by the Dept. of Civil at MITS on 17 and 18 December 2018.
- Dr. S. Bali Reddy got certified in a 12-week NPTEL online certification for the course "Foundation Engineering".
- Dr. Avadhoot Bhosale got certified in a 12- week NPTEL online certification for the course "Concrete Technology".
- Dr. Biraja Prasad Mishra, Dr. Avadhoot Bosale, Dr. Aneesh Mathew, Dr. S Bali Reddy and Dr. Dipankar Roy got certified in "NPTEL Online Course (Course Name: Introduction to Remote Sensing)" from 15th November 2018 to 28th January 2019 (Should be mentioned as Para 1)
- Dr. Abhilash T.Nair attended a workshop on "Human Comfort and Indoor Air Quality" held at IIT Madras from 20th November to 25th November 2018

Department of EEE

- Dr. K. Arul Kumar attended a workshop on “Adoption Promotion & Production of MOOCS” Organized by UGC on 31st August 2018.
- Dr. Ilampoornan M.K. attended a workshop on “3D experience forum Dassault systems” at Bangalore on 4 September 2018.
- Dr. Rajendra Prasad Narne got certified in “NPTEL Online Certification Course on Power system analysis” from 25th June to 18th September 2018
- Dr. Ilampoornan M.K. attended a workshop on “NPTEL” at Kuppam Engineering College on 12th September 2018.
- Dr. Lakshmanan S.A., Dr. Ilampoornan M K, Dr. Suprava Chakraborty and Dr. K Arul Kumar got certified in “NPTEL Online Certification Course on Design of photovoltaic Systems” from 25th June to 18th September 2018
- Mr. P. Balamurali Krishna got certified in “NPTEL Online Certification Course on Electrical Distribution System Analysis” from 25th June to 18th September 2018
- A. V. Pavan Kumar attend an FDP on “SCILAB” on October 5 and 6, 2018 at MITS, Madanapalle in collaboration with APSSDC.
- Dr. A. Sudhakar attend a workshop “ISO/IEC 17025:2017 Awareness Training Program” on November 25, 2018 at MITS Madanapalle.
- Dr. M. Chakkarapani, attend a workshop “Implementation of Margadarshan Scheme (AICTE) for Mentee Institutions” on 30 November 2018 at NIT Tiruchirappalli.
- Dr. A. V. Pavan Kumar attend a “Workshop on Outcome Based Learning in NBA / NAAC Evaluation” from 30 November to 1 December 2018 at MITS Madanapalle.
- Dr. A. V. Pavan Kumar attend an FDP on “NBA&NAAC Accreditation Process” from December 10 -14, 2018 at M S Ramaiah Institute of Technology, Bengaluru.
- Dr. C Kamal Basha, attend an FDP on “NBA&NAAC Accreditation Process” from December 10th -14th, 2018 at M S Ramaiah Institute of Technology, Bengaluru.
- Dr. Rajendraprasad Narne attended an FDP on “Hybrid and Electric Vehicle Technologies” from December 11 to 15, 2018 at MVGR College of Engineering, Viziyana-garam, AP.
- Dr. K. Arulkumar attend an FDP on “e - CONTENT DEVELOPMENT, MOOCs and Moodle (FDP)” from December 14 to 16 2018 at Sri Sri University, Cuttack, Odisha.
- Mr. P Bala Murali Krishna attend a one-week hands-on training program on “Photovoltaic System and DC Microgrids (PVSDCM-2018)” from 17 to 21 December 2018 at Andhra University College of Engineering, Visakhapatnam.
- Dr. Subhasish Mahapatra attended a workshop on “Special topics on IOT and AI, at Providence University, Taichung, Taiwan” from 16th December 2018 to 3rd January 2019.

- Mr. A. Sudhakar attended a training program on “Machine learning and Deep learning using MATLAB” on 11-13 March 2019 sponsored by Capricot Technologies conducted by ECE Dept, JNTUA Anantapuramu, A.P.
- Dr. Pratap Ranjan Mohanty & Mr. Nareendra Babu attended a training program on “Powering Andhra Pradesh Energy Innovation Summit” on 5-6 February 2019 at Vijayawada, A.P.
- Dr Ilampoornan attended a guest lecture on “Travelling Waves on Transmission Lines and Computation of Transients” on 15-16 February 2019 at Velammal Engineering College, Chennai.
- Dr Ilampoornan attended a workshop on “Content Augmentation Workshop” on 1-2 January 2019 at IIT Madras.
- Dr. A. Narendra Babu, Dr. M. Vijay, Dr. A. V. Pavan Kumar, Dr. Shubhasish Bhakta and Dr. Sumit Verma got certified in “NPTEL Online Certification Course on Electrical Distribution System Analysis” from 28th January to 19th April 2019
- Dr. Arijit Bardhan Roy and Dr. Hira Singh Sachdev got certified in “NPTEL Online Certification Course on Non-Conventional Energy Resources” from 28th January to 19th April 2019
- Dr. Pradosh Ranjan Sahoo got certified in “NPTEL Online Certification Course on Microprocessors and Microcontrollers” from 28th January to 19th April 2019
- Dr. Parth Sarathi Panigrahy, Mr B Vijay Kumar and Mr Sateesh Devanga Yerra got certified in “NPTEL Online Certification Course on Electric Vehicles: Part 1” from 28th January to 19th April 2019
- Dr. M. Vaigoundamoorthi got certified in “NPTEL Online Certification Course on Analog Circuits” from 28th January to 19th April 2019
- Dr. Soumya Ranjan Mahapatro, Dr. Pratap Ranjan Mohanty, Dr. Aurobinda Bag and Dr. Dileep G attended a workshop on “Instructors Training Division Induction Programme at MITS, Madanapalle” from 28th December 2018 to 1st January 2019
- Dr. Asha Rani M A and Mr M. Lokanadha attended an FDP on “NBA & NAAC Accreditation Process for Technical Institutions at MITS, Madanapalle” from 11th February to 15th February 2019.
- Dr. Sudharshan Swain and Dr. M. Chakkarapani attended a workshop on “Solar Photovoltaic System Design and MPPT Implementation, Department of Electrical & Electronics Engineering at NIT Tiruchirappalli” from 15th May to 19th May 2019.
- **Dr. Ilampoornan** attended a one-week time training programme on “Design and developments of power electronics converters in renewable energy conversion” on 21-27 June 2019 at R.M.K Engineering College, Tamilnadu.
- **Dr. M. Chakkarapani** attended a five day FDP on “Emerging power conversion techniques and challenges for Renewable energy and Electric vehicle applications” on 24-28 June 2019 at NIT, Tiruchirappalli.

- **Dr. Lakshmanan S. A.** attended a five-day FDP on “Emerging power conversion techniques and challenges for renewable energy and electric vehicle applications” on 24-28 June 2019 at NI, Tiruchirappalli

Department of CSE

- Dr. Venkat Prasad Padhy, Dr.Koppala Guravaiah and Dr. D. Chandramohan attended a workshop on “High Performance Computing Architectures, Programming Models and Languages, Algorithms and Applications, Big Data, AI and Deep Learning at IISc, Bangalore” from 27th May to 31st May 2018
- Dr. N. Mohan Krishna Varma and Dr. B. Ramachandra Reddy got certified in “Software Testing through NPTEL” from 2nd July to 21st October 2018
- Dr. Mohan Krishna Varma, Sr. Assistant professor Participated in “AIM 2018” on 7th July 2018 at Mumbai, India.
- Dr. Mohan Krishna Varma, and **Dr. K. Veningston** participated in “Analytics in Market” on 7^h July 2018 at Mumbai, India.
- Dr. R. Sudhakar and Mr. G. Sreenivasulu attended a workshop on “ANN & Deep Learning at NIT, Warangal” from 11th July to 15th July 2018.
- Dr. Mohan Krishna Varma, Sr. Assistant professor Participated in “14th India Innovation Summit 2018” from 12-13 July 2018, at Bengaluru,
- Dr. G. Arun Kumar and **Dr. D. Chandramohan** attended a seminar on “Indian Cyber Congress (INCYCON)” organized by the National Cyber Safety and Security Standards from 28th to 29th September 2018.
- Dr. Ghanshyam Bopche attended Sixth International Symposium on Security in Computing and Communications (SSCC'18) and presented a paper titled "*Inter-Path Diversity Metrics for Increasing Networks Robustness Against Zero-Day Attacks*" on September 19-22 at Bangalore, India.
- Dr. R. Nithya attended and presented a paper entitled "*Paillier Homomorphic Encryption with K means clustering algorithm (PHEKC) for Data Mining Security in Cloud*" in the International Conference on Intelligent and Sustainable System (ICICSS 2018), on 20-21st September 2018, Tamil Nadu, India.
- Dr. R. Nithya attended and presented a paper entitled "*A Secure and Energy Efficient Resource Allocation Scheme for Wireless Body Area Network*" in the International Conference on Intelligent and Sustainable System (ICICSS 2018), from 20-21st September 2018, Tamil Nadu, India.

- Dr. R. Nithya, Dr. D. J. Ashpin Pabi, Dr. M. Ramprasath, Dr. K. Saravanan, and Dr. P. Kuppusamy participated in “SCI Lab Workshop” organized by APSSDC and MITS on 5 and 6 October 2018 at MITS, Madanapalle.
- Dr. G. Arun Kumar participated in “India International Conference on Teaching and Learning in Engineering and Medicine (IICTLEM-2018)” organized by the Society for Engineering Education (SEI-India) from 22 – 24 November 2018.
- Dr.G.Arunkumar and Mr. Venkatasai Chandrakanth P attended a workshop on “NBA/NAAC Accreditation Process for Technical Institutions at MSRIT, Bangalore” from 10th December to 14th December 2018
- Ms. S. Kusuma got certified in “Machine Learning for Engineering and Science Applications, NPTEL” from 28th January to 19th April 2019
- Dr. Diwakar Prasad Tripathi and Dr. K. Sitara got certified in “AI: Knowledge Representation and Reasoning, NPTEL” from 28th January to 19th April 2019.
- Dr. R. Shashidhara got certified in “Blockchain Architecture Design and Use cases, NPTEL” from 28th January to 19th April 2019.
- Dr. Mahaboob Basha Shaik, Dr. K. Veningston and Mr. C. Narasimha got certified in “Programming in Java, NPTEL” from 28th January to 19th April 2019
- Dr. M. Sreedevi got certified in “Computer Organization and Architecture: A Pedagogical Aspect, NPTEL” from 28th January to 19th April 2019.
- Dr. R. Kalpana, Dr. K. Saravanan, Dr.Y C A Padmanabha Reddy and Dr. V. T. Manu attended a workshop on “NBA/NAAC Accreditation Process for Technical Institutions at MITS, Madanapalle” from 11th February to 15th February 2019
- Ms. V. Geetha got certified in “Machine Learning, ML, NPTEL” from 25th February to 19th April 2019
- Dr. Ashpin Pabi D.J, Dr. Pradeep Kumar Roy and Ms. M.K.Nageswari attended a workshop on “Computational Intelligence for Multimedia at NIT, Trichy” from 13th May to 17th May 2019.
- Dr. P V. Venkateswara Rao, Dr. Rishikeshan C A, Mr. D. M. Abhinay Kanth, and Ms. R. Usha attended a workshop on “Digital Skills Readiness Program at Wipro, Bangalore” from 15th May to 22nd May 2019
- Dr Kshira Sagar Sahoo, Mr. M. Srujan Kumar Reddy and Mr.M.Kiran Kumar attended a workshop on “Deep learning and its Applications at IIT Roorkee” from 27th May to 31st May 2019.
- Dr R Nidhya, Dr. Manish Kumar and Dr Sriramulu Bojjagani attended a workshop on “Introduction to Programming: A Pedagogical Approach at IIT Kanpur” from 17th June to 22nd June 2019.
- Dr. Mohan Krishna Varma and Prof. Park participated in “ISO/IEC plenary” on 26 November 2018 in Japan.

- Dr. R. Kalpana, Dr.R.Nithya, Dr. M.Sreedevi, Dr.Mahaboob Basha Shaik, Dr. K.Saravanan, Prof., Dr.P.Kuppusamy, Dr. D. R. Denslin Brabin, and Dr. G. Arun Kumar, attended "Outcome- Based Learning in NBA/NAAC Evaluation" on 30 November and 1 December 2018 at MITS Madanapalle.
- Dr. Diwakar Tripathi, Dr. Pradeep Kumar Roy, and Mr. Y C A Padmanabha Reddy, organized a "One-day workshop on Machine Learning, AI & its Applications" at Govt. Degree College for Women, Madanapalle on 19 December 2018.
- Mrs. S. Kusuma, Dr. Rashmi. L Malghan, Dr. V. L. Pavani, and Dr. Rishikeshan C A, organised a LEARNNOVATE program at Fortune Select Grand Ridge Tirupthi on 17 December 2018 with all the nearby autonomous colleges.
- Dr. P. Kuppusamy attended "Immersion Program in IOT and AI" from 16 December 2018 to 3 January 2019 at **Providence University, Taiwan**.
- Dr. Venkat Prasad Padhy participated and presented two papers "Parallelization and Performance Evaluation of Direct Dense Matrix Solution on Cray XC40 – Supercomputer (SAHASRAT)" and "Numerical Simulation of Wave Propagation and Scattering in an Inhomogeneous Medium" in IEEE CAP -2018 Conference held in Hyderabad International Convention Centre from 16 -19 December 2018.
- Dr. S.Ghanshyam S.B. participated in 14th International Conference on Information Systems Security (ICISS2018) at IISC Bangalore on 17 - 19 December 2018, and presented a paper entitled "Modelling and Analysing Multistage Attacks Using Recursive Composition Algebra".
- Mr. Kshira Sagar Sahoo, Assistant Professor, attended and presented his work in title "A Machine Learning Approach for Predicting DDoS Traffic in Software Defined Networks" in 17th IEEE ICIT 2018 Conference at College of Engineering and Technology, Bhubaneswar, Odisha on 20- 22 December 2018.
- Dr. R. Nithya and Dr. D. J. Ashpin Pabi participated in "National Digital Security Conference '18" organized by National Digital Safety and Security Standards on 21 December 2018 at Kalaignar Karunanidhi Institute of Technology, Tamil Nadu.
- Dr. Mohan Krishna Varma participated in "Machine Learning Workshop" on 26 December 2018 organized by APSSDC, Vijayawada, India.
- Dr. M. Sreedevi, Dr. K Saravanan participated in a one-week workshop on "NBA/NAAC Accreditation Process for Technical Institutions" from 11-15 February 2019 organized by MITS Madanapalle and AICTE-SHARE and mentor institutions- Margdarshani Scheme & RAMAIAHI Institute of Technology, Bangalore.
- Dr. M. Ramprasath with his student team participated in "Smart India Hackathon 2019" conducted in IIT Roorkee organised by MHRD, Government of India from 2-3 March 2019 and won first prize with Rs. 50000.

- Dr. P.V Venkateswara Rao along with his student team participated in “Smart India Hackathon 2019” conducted in New Delhi Institute of management organised by MHRD, Government of India from 2 March to 3 March 2019.
- Dr. G. Arun Kumar along with his student team participated in “Smart India Hackathon 2019” conducted in Shri Ramdeobaba College of Engineering and Management, Nagpur organised by MHRD, Government of India from 2 March to 3 Mar 2019.
- Dr. D. R. Denslin Brabin, along with his student team participated in “Smart India Hackathon 2019” conducted in JSS Academy, Noida organised by MHRD, Government of India on 2 - 3 March 2019.
- Mr. Alok Kumar Shukla and Mr. C. Narasimha along with their student team participated in “Smart India Hackathon 2019” conducted in NIT Surathkal, Karnataka organised by MHRD, Government of India from 2 - 3 March 2019.
- Dr. Diwakar Tripathi, presented a paper entitled " Two-stage Credit Scoring Model based on Evolutionary Feature Selection and Ensemble Neural Networks". In *1st International Conference on Machine Learning, Image Processing, Network Security and Data Sciences, NIT Kurukshetra, March 3 - 4, 2019*. His paper was adjudged as the best paper award in this conference.
- Dr. Koppala Guravaiah attended and presented his paper entitled "Internet of Things for Smart Gardening and Securing Home from Fire Accidents" in *1st International Conference on Machine Learning, Image Processing, Network Security and Data Sciences, NIT Kurukshetra, INDIA, March 3 - 4, 2019*.
- **Mr. Shashidhara R.** attended and presented his work entitled " Identifying and Mitigating Against XSS Attacks in Web Applications" In *1st International Conference on Machine Learning, Image Processing, Network Security and Data Sciences, NIT Kurukshetra, INDIA, March 3 - 4, 2019*.
- Dr. P Kuppusamy participated in a One -Week Faculty Development Programme on Machine Learning in Image and Computer Vision Applications Supported by Ministry of Electronics & Information Technology (Meity), Govt. of India and organized by Electronics and ICT Academy: NIT Warangal during 6 - 11 May 2019.
- Dr. Manu V.T. and Dr. Sitara K. attended a 'National Cyber Defense Conference'19' organized by National Cyber Safety and Security Standards in association with various State and Central Governments at Cochin University of Science and Technology (CUSAT), Kochi Campus, Kerala on 1- 2 March 2019.
- Dr. Mahaboob Basha Shaik, and Dr. V. Arun, participated in a one-week 'Digital Skills Readiness Program' organized by Wipro Technologies, Bangalore from 15 to 22 May 2019. The workshop aimed at enabling the faculty members with the Project Based Learning framework designed by Wipro, focusing on Java J2EE & Python. This also enables the faculty for WCF (Wipro Certified Faculty) certification.

- Dr. Venkat Prasad Padhy, Research Professor and Dr YCA Padmanabha Reddy participated in a 'Short Course on High Performance Computing Architectures, Programming Models and Languages, Algorithms and Applications, Big-data, AI and Deep Learning' during 27 – 31 May 2019 at Supercomputer Education and Research Centre (SERC) Indian Institute of Science (IISc), Bangalore.

Department of CST

- Dr. Vishnu Priya A, Dr. D R Denslin Brabin Dr. Sunil Kumar Singh and Mr. Alok Kumar Shukla attended a workshop on "Five Day Induction Program " from 28th December 2018 to 1st January 2019.
- Dr. K. Sitara got certified in "AI: Knowledge Representation and Reasoning (NPTEL)" from 28th January 2019 to 19th April 2019
- Dr. Ghanshyam S. Bopche got certified in "Programming, Joy of computing, Data Structures and Algorithms using Python (NPTEL)" from 28th January 2019 to 19th April 2019

Department of ECE

- Dr. Satrughan Kumar got certified in "NPTEL Online Certification Course on Deep Learning" from 23rd July to 28th October 2018.
- Dr. Bappaditya Roy, Dr. Sunandita Debnath and Ms. Madhusmita Mishra attended a workshop on "Polymers and Hybrid composites for the Application in Electronic and Photonic Devices." from 5th October to 9th October 2018.
- Mr Remashan Kariyadan got certified in "NPTEL Online Certification Course on Fundamentals of Semiconductor Devices" from 28th January to 27th April 2019.
- Dr. S A K Jilani got certified in "NPTEL Online Certification Course on Joy of Computing Using Python" from 28th January to 27th April 2019
- Mr Sankata Bhanjan Prusty got certified in "NPTEL Online Certification Course on Control Engineering" from 28th January to 27th April 2019
- Mr Lucky Agarwal, Mr Debashish Dash, Mr Sambasiva Rao Kambala and Mr Brijesh kumar Singh got certified in "NPTEL Online Certification Course on Introduction to Photonics" from 28th January to 27th April 2019
- Dr. K. Sathesh , Mr Anil Kumar Soni, Mr Ranjeet Kumar, Mr M Karthikeyan, Mr Dheeren Kumar Mahapatra and Mr Jyoti Prasanna Patra got certified in "NPTEL Online Certification Course on Principles of Signals and Systems" from 28th January to 27th April 2019
- Dr. P. Ramanathan and Dr. B. Gopinath got certified in "NPTEL Online Certification Course on Computer architecture and Organisation" from 28th January to 27th April 2019

- Mr. Subbarao Genikala and Mr Pratik Mondal got certified in “NPTEL Online Certification Course on Antennas” from 28th January to 27th April 2019
- Mr Chandramauleswar Roy, Mr Sumit Kale, Mr Shaik Shakir Basha, Mr Vikas Vijayvargiya, Mr Kumar Manoj and Mr R. Kiran Kumar got certified in “NPTEL Online Certification Course on CMOS Digital VLSI Design” from 25th February to 27th April 2019
- Mr G. Soundra Pandian got certified in “NPTEL Online Certification Course on Cell Culture Technology” from 25th February to 27th April 2019
- Arvind Kumar attended and presented a paper in the 13th European Conference on Antennas and Propagation, Krakow, Poland” at ICE Krakow Congress Centre, Krakow, Poland during 31 March to 5 April 2019.
- Arvind Kumar attended a five- day Faculty Development Programme (FDP) on **‘Empowering Teachers in 21st Century Education’**, organized by Department of Humanities & Social Sciences and Department of Management Studies at National Institute of Technology Tiruchirappalli from 29 April to 3 May 2019.
- Dr. J N Swaminathan, Dr. S.Thamizharasan and Mr. P. Sarwesh attended a Faculty Development Programme on ‘Empowering Teachers in 21st Century Education’ at National Institute of Technology, Tiruchirappalli..” from 29th April to 3rd May 2019.
- Dr. Ranjan Kumar Mahapatra , Dr. Debasish Dash and Mr.Vivek V Kajagar attended a Faculty Development Programme on "Nano Scale Devices & Circuits" organized by Electronics and ICT Academy at NIT Warangal.” from 17th June to 22nd June 2019.

Department of ME

- Dr. P. Naresh. attended ICEMMM-2018: International Conference on Engineering Materials Metallurgy & Manufacturing at SSN college of engineering, Chennai, Tamilnadu, India, 2018.
- Mr Ashish Agrawal got certified in “NPTEL Course on Heat Exchangers” from 18th July to 19th October 2018.
- Mr Prithvirajan R attended a workshop on “Hybrid and Electric Vehicle Technologies.” from 11th December to 15th December 2018.
- Mr P.Naresh, Mr Chakradhar Bandapalli, and Mr N Shivakumar got certified in “NPTEL Online Certification Course on Effective Engineering Teaching In Practice” from 28th January to 22nd February 2019.
- Mr Shanker nath vanapalli got certified in “NPTEL Online Certification Course on Psychiatry - An overview” from 28th January to 22nd February 2019.
- Mr Kirana kumara P and Mr Muralidhar Singh M got certified in “NPTEL Course on Product Design and Development” from 28th January to 22nd February 2019.

- Mr Prithvirajan R got certified in “NPTEL Course on Manufacturing Process Technology” from 28th January to 19th April 2019.
- Mr Kulmani Mehar got certified in “NPTEL Course on Introduction to Composites” from 28th January to 19th April 2019.
- Mr Suryanarayana raju pakalapati got certified in “NPTEL Course on on Machine Learning, ML” from 25th February to 19th April 2019.
- Mr Anshuman das and Mr Senthil kumar J S got certified in “NPTEL Course on Introduction to Machining and Machining Fluids” from 25th February to 19th April 2019.
- Mr S. Baskaran got certified in “NPTEL Course on Friction and Wear of Materials: Principles and Case Studies” from 25th February to 19th April 2019.

Department of Management Studies

- Dr. K.A. Asraar Ahmed, and Dr. Saurab Dash, and Dr. Anoop Sahu attended a Two-day FDP Programme on " SCILAB " in collaboration with APSSDC on 12 and 13 October 2018.
- Dr. Asraar Ahmed attended a “Three- Day International Advertising Agency World” at IAA World on 20 February 2019.
- Dr. G. Mahendar attended a conference on ‘Excellence in Research Education’ at IIM Indore during 3-5 May 2019 and presented a research paper entitled “Adoption of smart devices among the Millennials – The effects of hedonic/utilitarian motives, customer engagement and brand attitude.
- Dr. Mohammed Mujahed Ali’s Participation in awareness programme on ‘Support for Entrepreneurial and Managerial Development of MSMEs Through Incubators’ during 10 - 11 June 2019 organized by Ministry of Micro, Small and Medium Enterprises (MSME) Development Institute (Gol), Hyderabad.
- Dr. D. Pradeep Kumar attended a workshop on “NBA/NAAC Accreditation Process For Technical Institutions at M S Ramaiah Institute Of Technology, Bangalore” from 10th December to 14th December 2018.
- Dr. R. Varadarajan got certified in “Supply Chain Analytics, NPTEL” from 12th January to 22nd March 2019
- Dr Geetha Devi K.V got certified in “Financial Institutions And Market, NPTEL” from 28th January to 19th April 2019
- Dr. Mohd Mojahed Ali got certified in “Financial Statement Analysis And Reporting, NPTEL” from 28th January to 19th April 2019
- Dr G .Mahendar got certified in “Marketing Research And Analysis, NPTEL” from 28th January to 19th April 2019

- Dr. K S .Krishna got certified in “Sales And Distribution Management, NPTEL” from 16th February to 19th April 2019

Department of Computer Applications

- Dr. R. Siva Shankar participated in the “7th Indian School on Logic and its Application” held at Vellore Institute of Technology, Vellore during 29 September to 3 October 2018.
- Mr. P. Nanda Kumar attended a workshop on “Short Term course on IoT and Security at NIT Trichy” from 3rd December to 7th December 2018
- Dr. R.Siva Shankar got certified in “NPTEL- Programming,Data Structures and Algorithms Using Python” from 4th January to 30th March 2019
- Dr. A. Manimaran got certified in “NPTEL-Cryptography and Network Security” from 28th January to 19th April 2019
- Mrs. K.Surekha got certified in “NPTEL-Programming in JAVA” from 28th January to 19th April 2019
- Dr. S.V.S.Ganga Devi got certified in “NPTEL- Data Mining” from 1st February to 30th April 2019
- Dr. R. Siva Shankar participated in “South Bound Immersion Program for Workshop and Real-time Project Implementation on IOT & BIGDATA” in Providence University, Taichung, Taiwan from 16 December to 2018 to 3rd Jan, 2019.

Department of English and Foreign Languages

- Anu Mary Peter, and Dr. Senthil Babu M. K. attended and jointly presented a paper on “To look right, to fit in”: Teenage Anorexia, The Spiral of Silence, and Graphic Medicine.” at the ASA2018: Sociality, Matter, and the Imagination: Re-creating Anthropology Conference, at University of Oxford, England on September 18-21, 2018.
- Dr. Rosalia Bonjour attended a five-day faculty development programme on “Self-Awareness and Higher goals in Education -9th edition.” At IIT Madras during 20 – 24 May 2019.
- Dr. K. Lakshmi Devi and Dr. Akhil K. Jha attended a “Five-day Workshop on NBA/NAAC Accreditation” during 11- 15 February 2019 at MITS Campus
- Dr. Y. Sreenivasulu got certified in “NPTEL Online Certification - Reinforcing Professional Communication Skills for Teaching Faculty” organized by JNTUA, Anantapuramu from 11th July to 15th July 2018

- Dr. Suraj N. Dhumal got certified in “NPTEL Online Certification -Qualitative Research Methods and Research Writing” from 27th January to 17th April 2019.
- Dr. Akhil K Jha, Dr. Barkha Chhetri and Dr. Rosalia H Bonjour got certified in “NPTEL AICTE Faculty Development Programme - Emotional Intelligence” from 28th January to 22nd March 2019.
- Dr. S Shanmuga Priya and Dr. Rosalia H Bonjour got certified in “NPTEL Online Certification - Speaking Effectively” from 28th January to 22nd March 2019.
- Dr. Rosalia H Bonjour got certified in “NPTEL Online Certification – Emotional Intelligence” from 28th January to 22nd March 2019.
- Dr. K Lakshmi Devi got certified in “NPTEL Online Certification- Speaking Effectively” from 28th January to 22nd March 2019.

Department of Mathematics

- Dr. Shukla Vidya attended a one-day workshop on “Practical Implementation of Microgrids” organized by Dept. of EEE, MITS July 21, 2018.
- R. Saravana attended a workshop on “Applications of Mathematics” organized by the Department of Mathematics, Tiruvallur University college of Arts & Science, Gajalnaickanpatti, Tirupattur-635901, on 24-25, September 2018.
- Dr. Shukla Vidya Prasad attended a workshop on Andhrapradesh State Skills Development Corporation organised by MITS Madanapalle from 5- 6 October 2018.
- Dr. A. Subba Rao attended an International Conference on *Applications of Fluid Dynamics (ICAFD)* organized by Department of Mathematics, VIT, Vellore, India in association with University of Botswana and SIAM, USA from 13th to 15th December, 2018.
- Dr. P. Rajendra attended a National Conference on *Recent Trends in Mathematics and Applications* organised by GITAM University, Bangalore from 21st to 22nd December, 2018.
- Dr. Kuvar Satya Singh's participated in an 'International Workshop on Climate Change and Extreme Events in the Himalayan Region' at IIT Mandi during 18-20 April 2019.
- Ms Sonia Choudhari, Mr Parvez Alam, Mr Abhinav Singhal and Mr Mohammad Sarfaraz attended an induction program from 28th December to 1st February 2019.

Department of Chemistry

- Dr. A Selvaganapathi, Assistant Professor, Department of Chemistry attended a three-day FDP on “**e – Content Development, MOOCs and Moodle**” from 14 to 16 December 2018 at Sri Sri University Cuttack, Odisha.

- Dr. Arunbabu Dhamodaran along with **Dr.C. Yuvaraj**, Principal MITS, participated in “Academia Day-Part of “3Dverve 2019”- An Annual Technical Conference of Dassault Systemes Foundation and Dassault Systemes” at Dassault Systemes, India R&D (Auditorium), Hinjewadi Phase 1, Pune on 21 February 2019. MITS is one among the 10 prestigious institutes/universities/research centers that are supported by Dassault Systemes Foundation and hence is invited to present its project “**Forward Osmosis for water purification**” at the 3Dverve 2019 - the annual technical conference which was organized at their R&D Center in Pune on February 21st 2019.
- Dr. A Selvaganapathi attended a “Five-day Workshop on NBA/NAAC Accreditation” from 11- 15 February 2019 at MITS Campus.
- Dr. Ch. Venkateswarlu successfully completed an FDP on “**Organometallic Chemistry**” conducted by NPTEL-IIT Madras and received Elite+Gold (Top 1%) category.
- Dr. Arunbabu Damodaran and Dr. Renjith Bhaskaran, Department of Chemistry attended two-day hands-on training on exposure to **BIOVIA simulation package** from 16 to 17 April 2019 at Jayanagar, Bangalore.
- Dr. K. Chandramohan attended a three-day workshop on “Training of teachers to student induction program (SIP)” during 16 - 18 May 2019 at IIIT Hyderabad Campus.
- Dr. Venkateswarlu Ch. and Dr. Logudurai R. got certified in “NPTEL: Organometallic Chemistry (0.5 FDP)” from 28th January to 24th February 2019
- Dr. B. Jagadeesh Babu got certified in “NPTEL Online course for Faculty Development Program (Solar Photovoltaics: Principle, Technologies & Materials)” from 28th January to 22nd March 2019.
- Dr. Balaji M. got certified in “NPTEL: Reactive Intermediates Carbene and Nitrene” from 25th February to 24th March 2019
- Dr. Balaji R. got certified in “NPTEL Design Thinking - A Primer (0.5 FDP)” from 25th February to 24th March 2019
- Dr. Renjith B. got certified in “NPTEL: Fuzzy Logic and Neural Network (1.0 FDP)” from 25th February to 24th April 2019

Department of Physics

- **Dr. Jagadeesh Babu Bellam** attended "TiE impact conference" organized by TiE Amaravati in partnership with Andhra Pradesh Innovation Society (APIS) on “*Developing Entrepreneurship & Enterprise in Educational Institutions*” at Novotel Hotel, Visakhapatnam on 13th July 2018.
- Ion Electrolytic Flexible Composite from Poly (ethylene oxide) and E8 Nematic Liquid Crystals (Poster presentation) Georgi B. Hadjichristov, Yordan G. Marinov, Alexander G. Petrov, **Hari Krishna Koduru**, Nicola Scaramuzza. 10th Jubilee Conference of the Balkan Physical Union Sofia, Bulgaria, 26 – 30 August 2018, Inter Expo Center (IEC).

- “Electro-optical and dielectric characterization of WO₃-doped PDLC films” (Poster Presentation) **Hari Krishna Koduru**, Lucia Marino and Nicola Scaramuzza”, 10th Jubilee Conference of the Balkan Physical Union Sofia, Bulgaria, 26 – 30 August 2018, Inter Expo Center (IEC).
- “Electroanalytical survey of charge trapping in NaIO₄:(PEO/PVP) ion-conducting polymer electrolyte” G. Hadjichristov, Y. Marinov, Tz. Ivanov, **H. K. Koduru**, N. Scaramuzza, 20th International School on Condensed Matter Physics “Physics and Applications of Advanced and Multifunctional Materials” September 3rd – 7th, 2018 – Varna, Bulgaria.
- Dr. Sunku Sreedhar, Dr. V. Mahendran, and Dr. K. Hari Krishna, attended an induction program from 28th December to 1st February 2019
- Dr. Virendra Kumar Verma got certified in “NPTEL Online course for Faculty Development Program (Fundamentals of Electronic Materials & Devices)” from 25th February to 19th April 2019
- Dr. Debadrata Saha got certified in “NPTEL Online course for Faculty Development Program (A Brief Course on Superconductivity)” from 25th February to 22nd March 2019
- Dr. M. Chandra Sekhar got certified in “NPTEL Online course for Faculty Development Program (A Brief Course on Superconductivity)” from 25th February to 22nd March 2019
- Dr. K Kamakshi got certified in “NPTEL Online course for Faculty Development Program (Fiber Optics)” from 28th January to 22nd March 2019
- Polymer(PEO)-liquid crystal (LC E8) composites: The effect from the LC inclusion, G. Hadjichristov, Y. Marinov, A. G. Petrov, **H.K. Koduru** and N. Scaramuzza, 20th International School on Condensed Matter Physics “Physics and Applications of Advanced and Multifunctional Materials” September 3rd – 7th, 2018 – Varna, Bulgaria.
- **Dr. Virendra Kumar Verma** attended a workshop and delivered a guest Lecture on Physics and advanced materials for future electronics devices organized by **School of Education, Can Tho University, Vietnam** from 4 to 7 September, 2018.
- **Dr. Jagadeesh Babu Bellam** delivered a Guest Lecture at Karunya Institute of Technology and Sciences on “Co-sputtering of NiTiO₃ Thin films for Photocatalytic Applications”, 11th September 2018.
- **Dr. V. K. Verma** and **Dr. Debabrata Saha** attended a conference "BENGALURU INDIA NANO 2018" organized by the Department of Information Technology, Biotechnology and Science & Technology, Government of Karnataka in association with Karnataka's vision group on Nano Technology from 5- 7 December 2018.

- Dr. M. Chandra Sekhar attended a conference QSAPPLE 2018 (Asia-Pacific Professional Leaders in Education) conference and exhibition organized by QS Asia Quacquarelli Symonds together with Chung-Ang University, South Korea from 21 -23 November 2018 in Seoul, South Korea.

Department of Humanities

- Dr. K. Srinivasa Rao attended a workshop on "Entrepreneurship Development, by Dept. of Science & Technology, Govt. of India at NI-MSME , Hyderabad" from 24th September to 6th October 2018.

Industry visits

- Dr. Srijan Sengupta & Dr. C Sampath Kumar from Department of Mechanical Engineering along with students visited 'Amara Raja Batteries' at Karakambadi, Renigunta on 2 March 2019.
- *Dr.P. Manimaran, ED Cell Co-Ordinator, ED CELL, MITS* visited 'Amptronix' at Taramani, Chennai, on 22 February 2019. He interacted with Mr. Shankar, Managing Director, Amptronix and invited him to deliver a speech on Entrepreneurship for ED-cell members of our college.

Student News

Department of CE

- Mr. Ramesh Reddy, Mr. Asif Hussian, Mr. Moinuddin Shaik, Mr. Chiranjeevi P and Mr. Ashok Kumar - B Tech 4th year students, got selected for internship and placed in Rise and Shine Group Company, Qatar.
- Mr. Ravindra Kumar Rao, Mr. Revanth V, and Mr. Omprakash P, B Tech 4th year student, got selected for internship and placed in Alians Groups, Hyderabad.
- A Team CESA comprising 6 students shortlisted for SIH-2019 Hardware Editions.

Department of EEE

- K. Harsha Vardhan Reddy attended a workshop on "Artificial Intelligence" organized by Aliens fest 3.0, Birla Institute of Technology and Science on 6-7 October, 2018.
- K. Harsha Vardhan Reddy is appointed as Internshala Campus ambassador for JNTU Ananthapur.
- K. Divija-II B. Tech student won the First Prize in Paper Presentation at Sri Vidyanekthan Engineering College on the topic of "Evaluation of Entrepreneurship".
- K. Divija (17691A0215) -II B. Tech student won the first prize in paper presentation in E-Blaze event at SV University on 23 March 2019.
- S. Harshini (17691A0229) -II B. Tech student presented a paper in E-Blaze event at SV University on 23 March 2019.

- L. Ganesh (17691A0217) and V. Kalyan (17691A0212) -II B. Tech students participated in a Sign E-Bike Challenge in the event Imagine to innovative on 1-5 March 2019.
- P. Madhava Reddy (17691A0245) -II B. Tech student won the First Prize in General Technical Quiz in the event ASHV 2K19 at MITS Madanapalle on 16 February 2019.
- S. Lokesh (17691A0245) -II B. Tech student won the Second Prize in General Technical Quiz in the event ASHV 2K19 at MITS Madanapalle on 16-02-2019.
- S. Ayesha (17691A0208), K. Naresh (18695A0213), P. Jayashree (18695A0204), K. Divija (17691A0215) and J. Harsha Vardhan Reddy (17691A0228) -II B. Tech students participated in an 'Asian E-Bike Challenge' in the event imagine to be innovative on 1-5 March 2019.
- K. Avinash (17691A0207) -II B. Tech student participated in Dance Competition in the event 'ASHV 2K19' MITS Madanapalle on 16 February 2019.
- K. Naresh (18695A0213), B.Manohar (17691A0249) and P. Madhava Reddy (17691A0245) -II B. Tech student's participated in a E-Merge at JNTU Anathapuram on 9-12th March 2019.
- K. Naresh (18695A0213) and B. Sai Reddy (18695A0207) -II B. Tech students participated in a Japan Habbu at IISC Bangalore on 7-9th March 2019.
- K. Srinivasulu (17695A02358) and G. Vishnu Vardhan (17695A0250) - II B. Tech students participated in a Smart India Hackathon at MITS, Madanapalle on 7-9 February 2019.

Department of CSE

- IIInd Year CSE students attended training program on "Open Souse Technologies" from Plexus Networks Offered by Red-Hat.
- **K. Vasavi Padmaja**, III Year B.Tech in Computer Science and Engineering participated in "Bigdata and Cloud Computing" at JNTUA-Kalikiri from 27 to 28 October 2018.
- **Dr. K. Veningston**, Associate Professor, along with Sudharshan. P (16691A05G5) Deepak Raj. P (16691A0508) III B. Tech.(CSE) students organized by Mr. Magesh & Mr. Arun Paul, Leads Facebook Developer Circle Chennai, in the presence of 70 external participants from startups, industries and engineering institutions on 4 May 2019. The main objectives of the meet were to learn about Digital Space Marketing with Data, Bots using Google diaglogflow, Hasura Engine, Java Script - React, Virtual/Augmented Reality and other tools.
- **Thabasam Shaik (18691A05F2)** participated and won I Prize with Rs. 50000 in "Smart India Hackathon 2019" conducted in IIT Roorkee organised by MHRD, Government of India from 2 to 3 March 2019.

- **U Srilekha (17695A0502), CM Daniya Taj (16691A05C5), P. Pwan (16691A05F2), PG Bhavana (16691A05C3), O Yaswanth (16691A05H7), S. Vystnavi (16691A05B7), and P. Taraknath Reddy (16691A05G9)** participated in “Smart India Hackathon 2019” conducted in New Delhi Institute of management organised by MHRD, Government of India from 2 to 3 March 2019.
- S. Fiza (17691A2512), K Ganith (17691A2513), K Aliya (17691A2502), G Anuradha (17691A2504), B Channarayana Priya (17691A2509), M. Pujitha (17691A2540) participated in “Smart India Hackathon 2019” conducted in Shri Ramdeobaba College of Engineering and Management organised by MHRD, Government of India from 2 March to 3 March 2019.
- KV Vinitha (16691A05H5), K Hithish Kumar (16691A05D1), M. Lokesh (16691A05E0), P Hemalatha (16691A05D0), K Vidya (17691A1257), O Sai Lakshmi (17691A1238) participated in “Smart India Hackathon 2019” conducted in JSS Academy, Noida organised by MHRD, Government of India from 2 March to 3 March 2019.
- K Venkatesh (16691A05B2), Veera Kalyan (16691A05A7), P Murali Krishna (16691A0568), C Vishnu Varadhan Reddy (17691A05B6), G. Theja (17691A1251), **BH Mohisha (17691A1224)** participated in “Smart India Hackathon 2019” conducted in NIT Surathkal, Karnataka organised by MHRD, Government of India from 2 March to 3 March 2019.

Department of Computer Applications

- Six Students from II MCA attended 5 days’ workshop on “Indian School Logics and its Applications” at Vellore Institute of Technology, Vellore, from 29 September to 3 October 2018.
- C. Gufran, II yr- presented a paper on LiFi and won the second prize in Newton Technical Fest, organized by SV College of Engineering, Kapdapa, on 13 October 2018.
- 23 Students from II MCA(2Y) A & B Sec, presented their technical papers in Newton Technical Fest, organized by SV College of Engineering, Kapdapa, on 13 Oct 2018
- 2 Students from II MCA(2Y), presented a technical paper in NIPUNA-2K18 (A One-Day National Level Technical Symposium) held on 6 October 2018 at Narayana Engineering College, Gudur.
- V.Geetha and S.Manjula, II year MCA(3Y) participated and got first prize in paper presentation in '**NCET 2k19**' organized by Mother Theresa Institute of Computer Applications, Palamaner on 22.03.2019.
- U.Hari Kumar and D.Lava Kumar, A. Ganesh and B. Basava , G.Naveen Kumar and V.Madhu , V.Guru Prasad and B.Rajashekar, T.Krishna Murthy and Y.Arun Kumar MCA (2y) I year II semester participated in high Q, Advit, Silver Bullet events in Inspinno-19 at Sri Sai College of IT and Management Kadapa on 23 March 2019.

- M.R.Hunain Rehnuma, J.Yashaswini, K. Tejaswini, P. Poojtha MCA(2y) I year II Semester participated and presented a paper in MPULSE 2K19 organized by SVCE college Tirupathi on 29 March 2019.
- K. Rajesh, K. Sai Charan Kumar and G.Kavya Sree MCA (2y) I year II semester participated and presented a paper at Code Quest 2k19 organized by SVCE college Tirupathi on 29 March 2019.
- G.Neeharika, M.Neeraja, S.Yamini, P.Sahitya, B.Urmila, and Y.Sai Bhargavi MCA(2y) I year II semester participated and presented a paper in Ananthalakshmi Institute of Technology and Sciences Anantapuram on 29 March 2019.
- M.Sandhya, V.Lahari, K.Abdul Kareem, and B.Venkatesh II year MCA(3Y) and P.Amruha and S.Ayeesha, K.R.Bhavya and K.Mamatha, G.Kavya sree and M.Mallikarjuna Reddy ,MCA(2y) I year II Semester have participated and got Second prize in Paper presentation in M-pulse 2k19 organized by SVCE , Tirupathi on 29 March 2019.
- M. Kalyani and P. Latha, N.Himabindu and A.Gayatri , T.Maruthi Prasad and H.Narasimha Reddy MCA(2y) I year II Semester participated and M. Kalyani and P. Latha got 2nd prize in paper presentation in Ananthalakshmi Institute of Technology and Sciences, Anantapuram on 29 March 2019.
- V. Sasikala, B. Suriya Bhanu , D. Roshini,P. K. Sri Lahari, and C. Sravya MCA(2y) I year II Semester participated and presented a paper at SV University Tirupathi on 30 March 2019.

Research Scholar Awarded with Ph. D.

Department of Physics

- **Ms. Usha Mandadapu, [H. T. No: 13Ph075]** research scholar under the guidance of Dr. S. Victor Vedanayakam, got her Ph.D. awarded on 19 January 2019 for her thesis entitled "*Design, Modelling and Simulation of Perovskite Solar Cell / Photovoltaics*." from JNTUA Anantapuramu.

Sports News

- Sports club of MITS celebrated The National Sports Day in remembrance of Hockey Wizard Dhyan Chand and organised games for all the students (Men & Women) on 27 September 2018.
- The JNTUA Inter University selection trials for football (Men) was conducted by Department of Physical Education & Sports at MITS on 25 October 2018. About 98 participants from 35 different colleges under JNTUA participated in the selection trials. Ukesh Sharma – I CSE, Dhaniram Parajuli - II CE and Suraj Kandel – I CSE were selected to represent JNTUA Football team in south zone inter university tournament.

- The JNTUA Inter University Football Camp (Men) was organized by Department of Physical Education, MITS from 27 November to 2 December 2018 on MITS campus.
- MITS' Women Tennikoit team led by **Y. Jayasudha** (Captain) from Dept. of ME – IV Yr. stood **Winners** in the '10th JNTUA Inter-Collegiate Games Tournament' held at CBIT Proddatur from 15 March to 17 March 2019. Our college Women Volleyball team led by **M. Hema latha** (Captain) from Dept. of CSE – IV Yr. secured **Runners-up**.
- V. Sravani won Tennikoit at 5th JNTUA Autonomous Engineering Colleges Games held during 5-7 October 2018.
- MITS 'Tennikoit women's team and table tennis men's team' clinched title of winners in the Autonomous Games Meet 2018-19.
- MITS 'Volleyball men's team" and "cricket men's team) secured runner-up in JNTUA - Autonomous Engineering Colleges Games Meet - 2018 -19.
- MITS cricket team secured runners-up in the senior level Eenadu Cricket Championship Cup held at Tirupati from 22 to 31 December 2018.
- Men Volleyball team led by A.Rajesh (Captain) from Dept. of MBA – II Yr. secured Runners-up in the Xth JNTUA Intercollegiate Games Tournament held at CBIT College, Proddatur from 15 – 17 March 2019.
- Women Throwball team led by V.Sravani (Captain) from Dept. of EEE – IV Yr. stood winners and Men Kho-Kho team led by E.Suresh (Captain) from Dept. of CE – IV Yr. secured Runners-up in the SELESTA Sports Fest 2019 held at SVCET College, Chittoor on 22 – 23 March 2019.
- Organised Intramural sports for all the students and faculty during 2 – 16 April 2019 for annual day. The best sportspersons (Men & Women) were given cash award, medal & Certificate according to the "MITS college Sports Awards Criteria Points System" during Annual Day celebration. **E. Suresh** from IV year Civil Engineering received the best sportsman award & **V. Sravani** from IV year EEE received the Best sportswoman award for the academic year 2018-19 on Annual Day'19 held on 18 April 2019.

MOU Signed

MIT Madanapalle signed an MOU with the following universities:

- Providence University
- Ming Chuan University
- Ming-Chi University
- Asia University
- National United University
- National Pingtung University of Science & Technology
- National Yunlin University of Science & Technology
- I-Shou University

Korea Universities

- Kookmin University
- Chungnam National University - Korea

Germany Universities

- European Education and Research Council (GEMS) / Indo-Euro Synchronization Steinbeis Institute for Sustainable Resource Usage & Energy Management Tuebingen, Germany.

EVENTS ORGANISED

- **A one-day ‘Graduates Meet - CRESCENDO -2019’ was organized on 8 February 2019** by MITS School of Business in collaboration with Department of Computer Applications during which 986 students from various colleges in and around the Rayalaseema Region participated.
- **ASHV-The Race of Talent_2K19**, a Two-day National Level Techno-cultural Sports Fest’ was celebrated on 16 -17 February 2019. The staff & students of MITS and student participants from different colleges attended the Celebrity Evenings which were made vibrant with the presence of a cine-actress Anupama E Parameswaran, a famous film actress who acted in blockbuster movies in Malayalam, Telugu & Tamil languages and the playback singers Yazin Nizar & Mohana Bhogaraju.
- Internal Complaints Committee celebrated **Women’s Day** on 8 March 2019. Throw-ball, Tug of War & indoor games were conducted for girl students & lady staff and prizes were distributed.
- **Annual Day:** Madanapalle Institute of Technology & Science celebrated its **21st Annual Day** on 18th April 2019. **Dr. Nagahanumaiah**, Director, Central Manufacturing Technology Institute (CMTI), Bengaluru, was the chief guest.



- **MIT Central Library** organized an awareness program on 'J-Gate Online Journals' on 25th April, 2019. Mr. B.S Ravi Shankar, a Training Consultant from Informatics Publishing Ltd, Bangalore was the resource person.
- MITS Innovation Society and MITS Entrepreneurship Development Cell jointly organized an "Entrepreneurship Awareness Camp" on 2 May 2019 to nurture the entrepreneurial skills of the students. Mr. B. Ravi Theja, Associate Director- AP Innovation Society was the resource person.

NSS Activities/Community Service Programs

- International Yoga Day on 21 July 2018
- Awareness on NSS 13 August 2018.
- Teachers Day on 5 September 2018.
- International Literacy on Day 8 September 2018.
- World Peace Day on 21 September 2018.
- NSS DAY on 24 September 2018
- Swachhata Hi Seva on 26 and 27 September 2018
- Gandhi Jayanti on 2 October 2018
- APJ Abdul Kalam Jayanti on 15 October 2018
- Rashtriya Ekta Diwas on 31 October 2018
- National Voters Day on 12 Jan, 2019 & 25 Jan, 2019
- Vote Awareness Program on 25 March 2019 in association with EENADU daily news Paper.

NCC News

- **K. Naresh (18695A0213)** - II B. Tech student received the best Cadet Award on the occasion of Republic Parade at MIT, Madanapalle on 26 January 2019.
- MITS-NCC Wing Conducted an awareness raising program on Career Opportunities in Indian Army as Officers on 28 January 2019 inviting Col. N.P. Murlidharan as the resource person.
- MITS-NCC Wing conducted an awareness session on the possible methods of 'Rain Water Harvesting' in view of the "**World Water Day**" on 22 March 2019 in MITS campus.
- MITS-NCC cadets went for a trekking camp at Horsley Hills on 21 April 2019. They learnt practically **View Point Scaling** at the time of trekking along with map reading and control of manpower at risky positions.



- Conducted 'Anti-Terrorism Day' on May 21, 2019 in association with the Department of MCA.
- Conducted "World Environment Day" in Madanapalle in association with Traffic Police and other NGOs on 5 June 2019. MITS NCC cadets participated in tree plantation and cleaned the surroundings near the tank bund with the help of public. The cadets created an awareness on the effects of Plastic on human life.



Eminent Delegates (International) Visited:

- Prof. William Oakes Director EPICS Purdue University & Dr. Kantha Reddy, Director of IUCEE India Epics Team & Irlapati Nagababu APSSDC visited MITS on 3 July 2018 to conduct IUCEE-EPICS workshop (Engineering Projects In Community Services) in Scale-Up Classroom. He visited the campus, addressed the Research & Develop Department, interacted with the faculty involved in the societal projects. Further, he also interacted with the students who are involved in research activities and enabled all about the significance of EPICS Projects.
- Mr. Vinay N Director- INDIA SILVERPEAK GLOBAL PRIVATE LTD, Bangalore visited MITS on 30 August 2018 to create awareness on "Opportunities in Japan & Japanese Language Proficiency" addressed students of all Engineering branches from 11.00 AM to 4.00 PM in Main Seminar Hall.
- Dr. Sreeganesh Thottempudi, a Research scientist from University of Heidelberg, Germany visited the campus on 13 December 2018 and addressed the Faculty & Students of MCA on "Innovative Ideas on new Technologies" organized by Dept of Computer Applications
- Dr. S. Eswar, Senior Researcher, Space Science Laboratory, Department of Astronomy and Space Science, Chungnam National University, visited MITS on 28 January 2019. There is a proposal for initiating future space research activities in MITS.
- Prof. Soo Hyun Park, President, Special Communication Research Center and Prof. Soo Young Shin, Vice-President, Special Communication Research Center from Kookmin University visited MITS as part of MoU between Special Communication Research
- Center (SPRC), Kookmin University, Seoul, South Korea, and were in the campus from 17 to 20 December 2018.

- National Yunlin University of Science & Technology- Taiwan Dean of International Relations & Professor in Mechanical Engineering Prof. Dr. Stanley Tseng and Ms. Carol Qiu- Manager -International Relations visited MITS on 13 February 2019 and signed an agreement to establish Mandarin Language Centre along with a trainer in MITS Campus.
- Mr. Kobayashz, CEO & owner of Conomity and Mr. Kentaro Kuroiwa, H R Manager from Tokyo –Japan, visited MITS on 6 March 2019 along with Dr. G.S. Saggi and Mr. Manish Gupta of Orion Productions & Consulting Pvt. Ltd, Japan and interacted with MITS students and created an awareness about the job opportunities in Japan.
- Prof. Dr. Neng-Shu Yang President, Prof. Yu-Hsun Nien, Vice Dean of Office of International Affairs and Ms. Carol Qiu, Manager-International Relations of National Yunlin University of Science and Technology (YUNTECH) -Taiwan visited the campus on 16 April 2019. The President signed the MoU on setting up of Mandarin language training center & arranging a teacher to train the students. The President and the team addressed the faculty & students and created awareness about MS & Ph.D. programs in YUNTECH-Taiwan.
- Dr. George Ghinea, Reader in Computer Science – Department of Computer Science at Brunel University & Dr. Sridhar Swaminathan, Assistant Professor at Bennett University, Greater Noida visited the campus on 14 May 2019. The team interacted with MITS - AI team and Heads of the departments to give an overview of the importance of Artificial Intelligence in Leading India & exploring research collaborations with Bennett University & Brunel University London, UK
- Mr. Praveen Career Counsellor from APNRT (AP Govt. Non-Resident Telugu Society) visited MITS on 26 August 2019 to create awareness about the Govt. Program & support to go abroad for higher studies. He interacted with the students and enabled the students about Vidya Vahini program and also the avenues for obtaining the funds for higher education abroad.
- Mr. R. Premanand, Center Head, Mr. Pritam Save, Marketing Manager & Mr. Sailesh Davey Senior Marketing Manager from AZENT OVERSEAS EDUCATION LIMITED conducted a Seminar on 28 August 2019 in MITS Auditorium on “ Higher Education opportunities in 1000+ TOP Universities abroad USA • Canada • UK Ireland • Australia New Zealand • Germany” and interacted with the students extending admission and free IELTS coaching.
- Prof. Brian Levine Professor in Neuro Science (Maharshi Vedic University – Holland) and Sri. Chandra Sekhar visited the campus on 4th September 2019, addressed the faculty of MCA Dept and also took a session in the Induction Program for the MBA & MCA new entrants.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

UGC - Autonomous

About MITS

Madanapalle Institute of Technology & Science (MITS) is a highly promising destination for Engineering, Management and Computer Application studies in India. The Educational Academy, is now under the proactive leadership of President Sri. N. Krishna Kumar M.S. (U.S.A), and Secretary & Correspondent Dr. N. Vijaya Bhaskar Choudary, Ph.D.

MITS is committed to achieving sustainability and takes action in the light of national and global challenges. MITS continues to nurture a culture of sustainability through learning, teaching, research, partnerships and industry collaboration.

Vision

To become a globally recognized research and academic institution and thereby contribute to technological and socio - economic development of the nation.

Mission

To foster a culture of excellence in research, innovation, entrepreneurship, rational thinking and civility by providing necessary resources for generation, dissemination and utilization of knowledge and in the process create an ambience for practice based learning to the youth for success in their careers.



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- Electronics & Communication Engineering (ECE)
- Electrical & Electronics Engineering (EEE)
- Mechanical Engineering (MEC)

M.Tech. Programs (Eligibility: 10+2+4)

- Advanced Manufacturing Systems
- Computer Science & Engineering
- Digital Electronics & Communication Systems
- Electrical Power Systems
- Structural Engineering

Management Program (Eligibility: 10+2+3/4)

- Master of Business Administration (MBA)

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- Electronics & Communication Engineering
- Computer Science & Engineering
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- Management Sciences
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Madanapalle – 517325, Chittoor Dist, Andhra Pradesh, India.

Ph: 08571 – 280255, 280706, Fax: 280433

Email : admissions@mits.ac.in

For Admissions :

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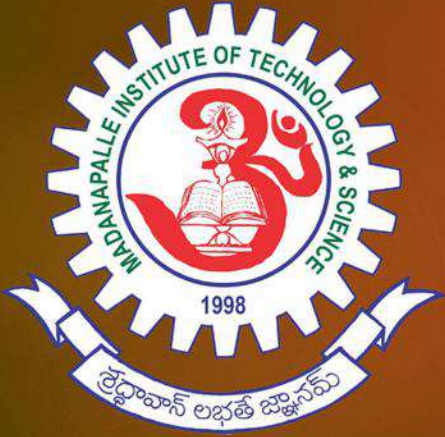
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College News

The delegates from MITS - **CEO, Vice Principal - Academics, Dean-Admin, Asst. Professor-ECE** - visited and signed MoUs with **MING CHI University of Technology, New Taipei City, Taiwan** and **ASIA University, Taichung, Taiwan** for academic and research collaborations during 19 - 26 November 2017.



Conferences/Symposiums/Workshops Organized

Entrepreneurship Development Cell (ED Cell)

- Organized an "E-Talk on I3 - Innovate, Ideate & Ignite" on 29 July 2017 and a workshop on "Innovation and Entrepreneurship" on 10 August 2017.
- Organized a 'Three-day Entrepreneurship Awareness Camp sponsored by National Science & Technology Entrepreneurship Development Board, Department of Science & Technology, Govt. of India, New Delhi and Andhra Pradesh Productivity Council, Hyderabad and Entrepreneurship Development Institute of India Gujarat for B. Tech. students from 4 - 6 January 2018.

Mr. Nageswara Rao, Sr. Asst. Director, Andhra Pradesh Productivity Council, Hyderabad; Prof. B. Niranjan Reddy, former Dean, Faculty of Education & School of Humanities & Extension Studies, S V University; Prof. Sessaiah, S V University,



Mr. Mahesh Merupula, Personality Development Trainer, Let's Talk Training Institute, Puttur; and Mr. Sekhar, Industrial Promotion Officer, District Industries Center, Chittoor were the resource persons.

MITS Innovation Society

- Organized a 3-day workshop on 'IoT' in association with AP Innovation Society on 20-22 March 2018. Mr. Prashanth N., Consultant - AP Innovation Society was the resource person.



MITS Library

- Organized an awareness program on 'J-Gate Online Journals' on 6 March 2018 for students, research scholars, and faculty. M.S. Sreenivas, Manager Training and Sales, Informatics Publishing Pvt. Ltd., Bangalore was the resource person.

Department of Civil Engineering (CE)

- A workshop on "FEASTSMT – Finite Element Analysis of Structures- Sub structured & Multi-Threaded" was organized on 14th and 15th September 2017.
- Organized a one-day National Level Technical Symposium - CITA'18 on 27 March 2018.
- Organized a two-day hands-on training on **Total Station** to B. Tech. III Year II semester students on 21 and 22 April 2018.
- A workshop on "Clean Campus Green Campus" was organized for non teaching staff on 3rd August 2017.
- A workshop on "Disposal of Kitchen waste for Organic Gardening and Compost fertilizer etc" was organized for non teaching staff on 15th September 2017.

Department of Mechanical Engineering (ME)

- A two day workshop on "ABET Accreditation Essentials and Preparing for Accreditation" was organized on 8th to 9th November 2017
- Organized a two day workshop on "Electric Vehicle: Aspects of Manufacturing" on 6th and 7th January 2018
- Organized **Mechonance 2018**, a national technical symposium on 4 April 2018. Dr. K. Venkateswaralu, Principal Scientist, Material Science Engineering, CSIR – National Aerospace laboratory Bangalore was the keynote speaker.
- A workshop on "Training program on Modern Office Management" was organized for non teaching staff on 18th and 19th August 2017



Department of Electronics and Communication Engineering (ECE)

- A workshop on "Hands on Training on LATEX" was organized on 15th September 2017
- Organized a 'One-day National Technical Symposium ECLECTICA – 2018' on 28 March 2018. Sh. Iqsaam-UI-Mukhtar, Sc. E- ADE/DRDO Bangalore, was the chief-guest.
- Organized a workshop on "First Aid Training Program" for non teaching staff on 15th February 2017

Department of Computer Science and Engineering (CSE)

- Organized an AICTE sponsored two-day national level seminar on “Emerging Trend in Cognitive Technology and its Applications” on 11- 12 October 2017.
- A workshop on “Programming & Problem Solving and Data Structure with E-Box Portal “was organized from 20th July to 27th July 2017.
- Organized a one-week workshop on “**Data Structures and Algorithms**” in association with APSSDC from 28 May to 1 June 2018.
- Organized a three-day workshop on “**AI and Deep Learning**” in association with Bennett University and APSSDC from 21 to 23 June 2018. Prof. Deepak Garg was the chief guest.
- Organized a two day workshop on “Data analytics using R-programming” on 16th and 17th April 2018
- Organized a three day workshop on “Artificial Intelligence and Deep Learning” on 21st to 23rd June 2018
- Organized a two day workshop on “Effective office Management through MS-Excel” for non teaching staff on 12th and 13th April 2018

Department of EEE

- Organized a two day workshop on “MATLAB for Engineers & its Applications in Power Electronics” from 6th September to 7th September 2017.
- Organized a two day workshop on “Design and analysis of control systems using MATLAB/ Simulink” from 24th to 25th January 2018.
- Organized a workshop on “Importance of Earthing” for non teaching staff on 09th April 2018.



Department of Management Studies

- Organized a two-week FDP on “Financial Econometrics-Theory and Application” from 11 to 23 December 2017.
- Organized a one-day workshop in collaboration with the Department of Computer Applications on ‘**Accreditation and Autonomy**’ for the benefit of colleges in the Rayalaseema region on 25 January 2018. Dr. Kashwan, Dr. P. Ramesh Reddy, and Dr. V. Sai Kumar were the resources persons.
- Organized a workshop on “Personal Financial Planning Awareness programme” for non teaching staff on 22nd August 2017
- Organized a workshop on “Stress Management among Women Employees” for non teaching staff on 28th October 2017

Department of Computer Application

- Organized a workshop on “**Hands-On Training on LaTeX**” on 15 September 2017 at MITS.
- Organized a two-day workshop on “Transforming Students from Academia to Industry” on 30 -31 January 2018. Dr. G. Umashankar, Director - Jan Shikshan Sansthan - Institute of Peoples Education (sponsored by: Ministry of Human Resource Development, Government of India, Coimbatore) was the resource person.
- Organized a one-day technical symposium “CRESCENDO-2018” on 3 February 2018.
- A two day workshop on “Angular JS” was organized on 18th and 19th August 2017.
- A two day workshop on “Ethical Hacking & Cyber Security” was organized on 5th to 6th January 2018.
- Organized a workshop on “Office Automation-Advanced EXCEL-I” for non teaching staff on 29th July 2017.



Department of English and Foreign Languages

- Organized a three-day holistic **Bridge Course** from 4-7 July 2017 for the incoming 2017 batch of B. Tech. students. **The Bridge Course was the first of its kind to be conducted at M.I.T.S.** The holistic bridge course was conducted to bridge the gap for students as they crossover from School to College; to exhibit the faculty and the facilities that M.I.T.S. has to offer them, especially with regards to the language of English and Communication Skills; and to enable the students overcome their inhibitions and become aware of what preparation their career path requires.
- Mr. Sandeep, Mr. Sampath and Ms. Ranjani of Karadi Path (Hyderabad); Mr. Ashwin from SMART Training Resources (Chennai); Mr. Venkat of Max Academy (Chennai); and Mr. Harikrishnan from People English (Bangalore) were the resource persons.
- As was testified by several students during the Bridge Course, that they were on the lookout for an Institution where they would receive proper coaching in the language of English and Communication Skills. The students expressed that they were in actuality considering Institutions and Colleges in Bangalore or Hyderabad, however **after having witnessed the events that transpired during the Bridge Course, they were convinced that M. I. T. S. was the institution where they needed to be!**

- Conducted '**The National Education Day**' November 6 to 14 November, the first ever in MITS. designed with the sole aim of uniting the MITS family under one umbrella of appreciation, which would lead to greater commitment. The faculty of the Department of English and Foreign Languages, MITS were involved in conducting the competitions for both staff and students.
- Prof. Surender Reddy (SNIST Hyderabad, Expert on Innovation & entrepreneurship) and Dr. Samuel Johnson (Chief consultant, VIT Vellore) on getting ready for employment and entrepreneurship" were the resource persons
- Organized a TEQIP-II sponsored two- day workshop for technical educators on '**Entwining Technology and Teaching: Setting Standards**' on 23 and 24 March 2018. Dr. Appa Swami Jasti (HCU Hyderabad), Mr. Praneesh Kumar Yadav (Honeywell Technology Solutions), Prof. Nagrajan (Pondicherry Engineering College) and Dr. Joy Anuradha (HCU Hyderabad) were the resource persons.
- Organized '**Shakespeare's Day**' on 23 April 2018. Our guest cum resource person, Dr. G. Sheela Swaroopa Rani, Professor, Dept. of English, Sri Padmavati Women's University, Tiriupathi presided over the programme. She lauded the efforts of the department bringing Shakespeare into the engineering campus.
- The events were based on Shakespeare's works:
 - Character portrayal, Skit writing (pair)**
- The events were planned clubbing the students in two categories:
 - I & II years students – **I group**
 - Third & Final + PG students- **II group**

The total number of participants for skit writing alone was **844**.
 There were 10 participants from II & III year for character portrayal.
 The total number of student who participated were **854**.
 There were **16 winners** for both competitions.
- Organised a three-week induction program for B. Tech. I year students from 18 June to 2 July 2018. Dr. Samuel Johnson from VIT Amravti; Dr. Enakshi Das from Saveetha Engineering College; Dr. Elangavon; Mr. S.R. Venkat from Max Academy; Mr. Sudheer, Miss. Chitra and Miss. Sudha from People Care; and Mr. Ashwin from Smart Training Recourses were the resource persons. A lecture by Prof. Surender Reddy- (SNIST Hyd., Expert on Innovation and Entrepreneurship) on "Getting ready for Employment and Entrepreneurship" and a half-day Workshop on "*Creativity in Teaching*" by Dr. Samuel Johnson (Chief Consultant, VIT, Vellore) were arranged.



- Organized a One-day Workshop on “Body Language in Official Communication” for non teaching staff on 25th July 2017.
- Organized a two day workshop on “Basic Written Communication” for non teaching staff on 6th September to 7th September 2017.
- Organized a two day workshop on “Critical Thinking and Communication in the Office Sphere” for non teaching staff on 7th and 8th February 2018.

Department of Mathematics

- Organised a two-day workshop on ‘**Recent Advances in Fluid Dynamics and Applications in Science and Technology**’ on 25 - 26 May 2018. Dr. Jagadish Chandra Misra, Formerly Professor & Head, Department of Mathematics -IIT, Kharagpur was the **chief guest**.

Departments of Basic Sciences and Humanities

- Organized a one-day national level technical symposium ‘**PHOTON-18**’ on 29 March 2018. Prof. Prakash Somann, Professor of Physics, was the keynote speaker.



Department of Chemistry

- A workshop on “Research Opportunities in Germany” was organized on 21st March 2018.
- Organized a two day workshop on “Ozone Day” for non teaching staff on 16th and 17th September, 2017
- Organized a two day workshop on “Save Trees, Save Paper” for non teaching staff on 20th and 21st April, 2018.



Guest Lectures Arranged**Department of Civil Engineering**

- Organized a lecture on Conceptual Design of Earthquake Resistant Structures for B. Tech. & M. Tech. Civil students on 20 January 2018. Dr. M. B. Patil - Professor & Head, Department of Civil Engineering, Govt. SKSJTI, Bengaluru was the resource person.
- Arranged a lecture on "Orientation and Career Guidance to Civil Engineering Students" on 9 February 2018. Mr. N Shivaram, Sr. Vice President, Brigade Group, Bengaluru; Mr. Ravi Chokkalingam, Sr. Quality Manager, Arabtec Constructions, Dubai; and Mr. S. Ramakrishna, MAC Property Development, were the resource persons.
- Organized a lecture on "Concrete Technology and Field Issues" for M. Tech. and B. Tech. students on 7 March 2018. Mr. R Ajay Kumar, Technical Manager and Team- Ultra-Tech Cement Company, Tirupati were the resource persons.
- Organized a lecture on "Shell Structures" for M. Tech. and B. Tech. students on 28 March 2018. Dr. R. Vaidyanathan, Principal (Rtd.) - Government College of Engineering, Tirunelveli was the resource person.
- Organized a lecture on "**Design of Tall Structures**" for M. Tech and B. Tech students in the forenoon session on 7 April 2018. Dr. K Muthumani, Chief Scientist, SERC, CSIR, and currently working as Professor, VIT University, was the resource person. Mr. S. Ramakrishna, MAC Property Development, were the resource persons.
- Organized a lecture on "Concrete Technology and Field Issues" for M. Tech. and B. Tech. students on 7 March 2018. Mr. R Ajay Kumar, Technical Manager and Team- Ultra-Tech Cement Company, Tirupati were the resource persons.
- Organized a lecture on "Shell Structures" for M. Tech. and B. Tech. students on 28 March 2018. Dr. R. Vaidyanathan, Principal (Rtd.) - Government College of Engineering, Tirunelveli was the resource person.
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Department of Mechanical Engineering

- Organized a lecture on "CATIA V5R21" by MITS Alumni Ms. J. Poornima, Designer, SKM Technologies for B. Tech. students on 19 January 2018.
- Arranged a lecture on 'Emerging Trends in Industry and Student Readiness for Industry' to M. Tech. and B. Tech. students on 22 March 2018. Mr. D. Eregamani Asst. General Manager and Head-TQM, Corborundum Universal Limited, Hosur was the resource person.

Department of Electronics and Communication Engineering

- Organized a two-day guest lecture on "Satellite communication" on 30 and 31 August 2017. **ISRO scientist** S. Radakrishnan was the resource person.
- Arranged a lecture on "Recent Trends & Current Needs in Industry - Engineering Exploration Benefits Using Multidisciplinary Student Project" on 30 August 2017.
- Arranged a lecture on "**Data Analytics and Reporting**" during 5 -6 September 2017.
- Arranged a lecture on "**Network Layering Protocols**" on 4 November 2017
- Arranged a lecture 'Inspiring Technical Talent at MITS' for III B. Tech. students on 17 January 2018. Mr. Rajendran Dhandaphani, Director -ZOHO Technologies, Chennai was the resource person.
- Organized a one-day lecture on 'Machine Learning and Deep Learning' on 25 January 2018. Dr. Kumar Rajamani – Manager (Technical) Robert Bosch Engineering and Business Solutions Ltd., Bangalore was the resource person.
- Organized a one-day lecture on 'Recent Trends in Big Data Analytics & Block Chaining' on 2 February 2018. Mr. Krishna Kumar, Head- Architecture & Technology, SAP LABS India Pvt. Ltd, Bangalore was the resource person.
- Organized an awareness programme on IoT, Android Development, Big data, Windows-10/8.1, Windows-10/8.1, Web Development, Gaming (2D, 3D) and Cloud Computing on 7 February 2018. Nagarjuna Thotamsetty - Program Lead & Developer, Hema Naidu - CTO & Big data Developer, and Rithvik Podduturi, CEO & IoT Developer, were the resource persons.

- Organized a one-day lecture on “**Black Chain Technologies**” on 9 April 2018. Mr. Krishna Kumar, Director & Chief Technology officer- APJ Custom Development at SAPLABS India, was the resource person.
- Organized a One - Day talk on “**Cloud Computing and Modern Application Development Using Java**” on 12 April 2018. Mr. Allahbaksh Mohammedali Asadullah, Principal Product Architect, Infosys Research Lab, Bangalore was the resource person.

Department of Physics

- Organized a lecture on “Beauty of Physics in the Hands of Engineers” on 24 October 2017.



Department of MBA

- Organized a lecture on “Personality Development Program” on 6 November 2017.
- Organized a lecture on “Entrepreneurship & Research Proposals to various Funding Agencies’ on 15 November 2017.
- Organized a lecture on “**Capital Markets and Investments**” on 16 November 2017.

Department of Computer Applications

- Organized a lecture on “Red Hat Linux Training Cum Certification Program” from 17 to 24 January 2018.

Department of Chemistry

- Arranged a guest lecture on ‘*Functional Nanomaterials for Environmental and Energy Applications*’ on 3 February 2018. Dr. Philip Anthony, Associate Professor - Sastra University, was the speaker.
- Organized a one-hour DAAD info session on “Higher Studies & Research in Germany” on 21 March 2018.



- Organized a two-day lecture series with demonstration on "**Mystery in Chemistry**" on 19- 20 June 2018 as a part of B. Tech I students' induction program. Professor N. Elangovan from A. M. Jain College, Chennai was the resource person.

Faculty News

Patents

- Mr. Harinandan Kumar, "Apparatus for determination of CO₂/CH₄ adsorption/desorption capacity on intact as well as powdered sample," **Patent Published**, Application Number (Indian patent): 201741039402, Filing Date: Nov. 06, 2017, Date of Publication: Nov. 17, 2017, Official Journal of the Patent Office, Issue Number 46/2017, Page Number 41601
- Mr. Harinandan Kumar, 2017, "Jet Stream Turning Tool Holder for Cryogenic Spray/Jet cooling Application," **Patent Published**, Application Number (Indian patent): 201741043529, Filing Date: Dec. 05, 2017, Date of Publication: Dec. 15, 2017, Official Journal of the Patent Office, Issue Number 50/2017, Page Number 48721

Research Projects

- Dr. Jagadeesh Babu Bellam**, Asst. Professor –Physics received a research grant of Rs. 35.59 lakh from DST-ECRA.

Ph.D. Awarded

Department of EEE

- Mr. N. Prabakaran received his Ph.D. from Department of Energy and Power Electronics at VIT University Vellore in July 2017.

Department of ME

- Mr. P. Sivaiah from received his Ph.D. for his thesis entitled "*Machinability studies on 17-4 PH stainless steel under cryogenic cooling environment*" from NIT Karnataka.
- Mr. Sudhir Raj, received his Ph.D. for his thesis entitled "**Neuro- dynamic Control of a multi degree of freedom inverted pendulum with relevance to bipedal walking**" from IIT Kharagpur on 5 November 2017.

Department of ECE

- Mr. Gajendra Sharma received his Ph.D. for his thesis entitled "*Detection of Tree Cutting and Vehicle Movement in Forest Environment*" from Indian Institute of Information Technology Allahabad on 4 July 2017.
- Mr. M Karthikeyan from received his Ph.D. for his thesis entitled "*An Investigation of Low Complexity Decoding Algorithms for MIMO Spatial Multiplexing Systems*" from Pondicherry University on 6 July 2017.
- Mr. D. Shanmuga Sundar received his Ph.D. for his thesis entitled "*Certain Investigations on Flexible Substrate for Flexible Electronics Applications*" from Anna University on 7 July 2017.

- Mr. D. Shanmuga Sundar received his Ph.D. for his thesis entitled "*Certain Investigations on Flexible Substrate for Flexible Electronics Applications*" from Anna University on 7 July 2017.
- Mr. J. N. Swaminathan received his Ph.D. for his thesis entitled "*A Study on High Power Amplifiers using Pre-Distortion Linearizes*". from Anna University, Chennai on 2 August 2017.
- Ms. S Usha Rani received her Ph.D. for her thesis entitled "*Sub-optimal Algorithms for Jitter Buffer Management in Time Division Multiplexing over Packet Switched Network*" from Indian Institute of Technology Madras on 15 November 2017.
- Mr. Manimaran Ponnusamy, received his Ph.D. from Anna University, Chennai on 3 January 2018 for his thesis entitled "*Numerical Analysis of TWSOA for Inline Detector Applications*".
- Ms. Srikantam Sravanthi received her Ph.D. from IGCAR, HBNI Mumbai on 26 February 2018 for her thesis entitled "*An Investigation into the Fail Safeness of Safety Critical Instrumentation and Control in a Sodium Cooled Fast Reactor*".
- Ms. Sankalita Biswas received her Ph.D. from NIT Durgapur on 29 May 2018 for her thesis entitled '*Enhancing Energy Efficiency of 802.15.4 Networks Using Relays*'.

Department of Computer Science & Engineering

- Mr. Sudhakar received his Ph.D. for his thesis entitled "*Design and Development of Efficient Motion Estimation Algorithms for Multimedia Video Compression* " from Anna University Chennai on 28 August 2017.
- Mr. Arun V. received his Ph.D. for his thesis entitled "*Intelligent Agent based approach for Intrusion Detection in AD-HOC Networks* "from Sathyabama University Chennai on 13 October 2017.
- Mr. Gopal Narayan Rai received his Ph.D. for his thesis entitled "*Modelling and Verification of Web Services Using Recursive Composition Algebra*" from University of Hyderabad on 19 December 2017.
- Mr. Ghanshyam S. Bopche received his Ph.D. for his thesis entitled "*Attack Graph-based Approaches for Network Security Hardening*" from University of Hyderabad (UOH) on 19 December 2017
- Ms. D.J. Ashpin Pabi received her Ph.D. from Annamalai University on 24 April 2018 for her thesis entitled "*Novel Image Compression Techniques for Enhancing the Compression Speed of Magnetic Resonance and Color Images*".

Department of Management Studies

- Mrs. R Kanimozhi, received her Ph.D. for her thesis entitled "*Managing Ethical Climate for Better Organizational Commitment in Education Sector of Andhra Pradesh*" from Jawaharlal Nehru Technological University, Anantapur on 21 October 2017.

Department of Computer Applications

- Mr. A. Manimaran, received his Ph.D. from Bharathidasan University, Trichy on 1 June 2018 for his thesis entitled "*Developing a Framework for Strengthening Secure Resource Availability in Cloud Environment*".

Department of Physics

- Ms. G. Sowjanya, received her Ph.D. for her thesis entitled "*Synthesis and photoluminescence properties of Pr³⁺, Sm³⁺, Eu³⁺ and Dy³⁺ ions doped KYBO₃ phosphors for solid state lighting applications*" from Sri Venkateswara University, Tirupathi on 13 December 2017.

Achievements

- Dr. K. Arul Kumar, Dr. Lakshmanan S. A. Dr. M. Chakkarapani, Dr. N. Prabakaran D. Chinnakullay Reddy were awarded "**Certificate of Appreciation**" for their role as a Mentors in NPTEL Online Certification Courses from January-April 2018.

Books Published

- Dr. Veningston K published a book entitled "*Personalized Information Retrieval Systems: Using Computational Intelligence Techniques*" LAMBERT Academic Publishing, Germany on 14 July 2017.
- Arunbabu D. Konda R Kunduru, SN Raju Kutcherlapati, Dhamodaran Arunbabu, Tushar Jana, *Armored Urease: Enzyme-Bioconjugated Poly(acrylamide) Hydrogel as a Storage and Sensing Platform*, *Methods in Enzymology*, Vol 590, **143-167**, **Academic Press (31/12/2017)** Book Chapters.
- Srinivasa Krishna, "*Material Management*", Paramount Publications, 5 November 2017.
- Srinivasa Krishna, "*Project Management*", Paramount Publications, 5 November 2017.
- Srinivasa Krishna, "*Maintenance Management*", Paramount Publications, 5 November 2017.
- Srinivasa Krishna "*Total Quality Management*", Paramount Publications, 5 November 2017.

- Srinivasa Krishna, "5 Business Processes Re engineering", Paramount Publications, 5^h November 2017.
- **P. Chandra Babu Naidu**, Subhransu Sekhar Dash, Ramazan Bayindir, Swagatam Das, "Artificial Intelligence and Evolutionary Computations in Engineering Systems" Elsevier Publications, March 2018.

Research/Conference Papers/Book Chapters Published

Department of CE

- **N. Amaranatha Reddy**. 'Non Dimensional Classification of Tidal Inlets along Karnataka Coast'. *International Conference in Ocean Engineering*. 2018.
- **N. Amaranatha Reddy**. 'Tidal Energy Estimation of Potential Tidal Inlets along East Coast of India'. *International Conference in Ocean Engineering*. 2018.
- **P. Perumal**, and Anil Sagar S. 'Behavioural Study of Dynamic Properties of Step Back Buildings with and without Corewalls Situated on Sloping Ground'. *IJASTEMS*. Volume-4, Issue.1 January 2018. -ISSN: 2454-356X

Department of EEE

- Rini Ann Jerin, N. Prabakaran, K. Palanisamy, S. Umashankar and A.D. Thirumoorthy, "A Review on Low Voltage Ride Through Capability in Wind Turbines of India and Challenges in Implementation", In proceedings of the 1st International Conference on Large-Scale Grid Integration of Renewable Energy in India, New-Delhi, India, during 6- 8 September 2017, endorsed by the Ministry of New and Renewable Energy as well as the Ministry of Power, 2017.
- Mohan Krishna. S, Krishnamurthy. N., "Progress in the Technology of Coal Fired Power Plants for Sustainable Development", in proceedings of the National Conference on Waste to Energy, Carbon Capture and Storage, NIT Rourkela, Odisha, during 3- 5 August 2017.
- Anbarasan, and Jayaprakash, A. "Supplementary Electrical Power Generation from Waste Heat Recovery" *Journal of Advanced Research in Dynamical and Control Systems* Vol.:9, Sp-6, 2017.
- Mohan Krishna. S, Febin Daya. J.L., **Kamal Basha**. C, "Real-time Analysis of a Non-Linear State Observer with improved Disturbance Compensation for Sensorless Induction Motor", Sixth International Conference on Frontiers of Intelligent Computing: Theory and Applications in KIIT Bhubaneswar during 14- 15 October 2017.
- **P. Chandra Babu Naidu** and M. Sreedevi. "An Innovative Graded Snip Discovery protocol for Secure Data Transmission in Multihop Path Networks". *International Journal*

- of Pure and Applied Mathematics*. Vol. 118, Issue 17, pp. 935-948, February 2018.
(Scopus Indexed)
- **K. Arul Kumar**, D. Vijayakumar, and K. Palanisamy. "Design of Optimal LLCL Filter with an Improved Control Strategy for Single Phase Grid Connected PV Inverter". *International Journal of Power Electronics and Drives*. Vol. 9, Issue 1, pp.114-125, March 2018. (Scopus Indexed)
 - **A.V. Pavan Kumar**, Alivelu M. Parimi and Kumar Rao. "Tie-Line Frequency Bias Control of Pv-Wind Hybrid Power System for Micro Grid Application", *University Politehnica of Bucharest Scientific Bulletin Series C-Electrical Engineering and Computer Science*, Vol. 80, Issue- 1, pp.217-230, January 2018. (Emerging Sources Citation Index)
 - **M. A. Asha Rani** and S. Priyavarthini, C Nagamani, GS Ilango. "An Improved Control for Simultaneous Sag/Swell Mitigation and Reactive Power Support in a Grid-Connected Wind Farm with DVR ". *International Journal of Electrical Power and Energy Systems*. 101, 38-49, 2018. (Elsevier)
 - **Garimella Raghu Chandra** and Vedala Rama Sastry. "An Approach to Tap Electrical Energy from Ground Vibrations". *International Conference on Renewable Energy Research & Education - (RE) 2*. American Institute of Physics, 2018. (Scopus Indexed)
 - **Garimella Raghu Chandra**, M. Muralidhar Singh and K.V. Nagesha. "Simulation Studies on Multilayer Coatings for Solar Absorptance". *International Conference on Renewable Energy Research & Education - (RE) 2 -2018*, American Institute of Physics (Scopus Indexed)
 - **Garimella Raghu Chandra**, K.V. Nagesha, and M. Muralidhar Singh. "Development of Empirical Model to Predict Particulate Matter". *International Conference on Renewable Energy Research & Education - (RE) 2*, American Institute of Physics, 2018. (SCOPUS Indexed).
 - N. Prabakaran, V. Arun, T. Chinnadurai, K. **Arul Kumar**, A. Rini Ann Jerin, K. Palanisamy. "Analysis of Symmetric Multilevel Inverter Using Unipolar Pulse Width Modulation for Photovoltaic Application". *Comptesrendus de l'Académiebulgare des Sciences*. Vol.71, No.2, pp.252-260, 2018. Impact Factor: 0.233. (Thomson Reuter Indexed)
 - N. Prabakaran, Chinnadurai T, N. Mohan Raj and M. Karthigai Pandian.

"Ultrasonically Welded and Non-Welded Polypropylene and PC/ABS Blend Thermal Analysis Journal of Thermal Analysis and Calorimetry". *Journal of Thermal Analysis and Calorimetry*. 2018. Impact Factor: 1.953. (Thomson Reuter Indexed)

- **Garimella Raghu Chandra**, K.V. Nagesha, and Vedala Rama Sastry. "Image Processing based Assessment of Blast Performance in Opencast Mines – Case Studies". Book Chapter-4, Image Processing, McGraw-Hill Education, 21-28, Trivandrum, 2018.

Department of Mechanical Engineering

- Prithvirajan, R. "Extraction and Characterization of New Natural Cellulosic Chloris Bartata Fiber published on Journal of Natural Fibers Vol.14, 4 August 2017. ISSN: 1544-0478.
- **S. Thamizhmanii**. 'Application of Total Quality Management in Higher Education: A Review'. *Journal of Business and Economic Management*. Vol 6 (2), pp. 33- 37, February 2018.
- K.M. Senthil Kumar, R. Thirumalai, **J.S. Senthil Kumar** and M. Chandrasekharan. "Experimental Investigation of Process Parameters During Environmental Friendly Turning Process". *Mechanical Engineering, Ecology, Environment and Conservation*. Vol. 24, 431-436, 2018.
- **Chakradhar B.**, Bharatkumar Mohanbhai Sutaria, Dhananjay Vishnuprasad Bhatt. "Experimental Investigation of Surface Roughness in High-speed micro-end Milling of Near Alpha Titanium Alloy". *International Journal of Precision Technology*. Vol.7, No.2/3/4,87 – 102, Inderscience Publishers, 2018.
- Prasanna R., P. Perumal, M. Uthayakumar, **R. Prithvirajan**, "Machinability of Titanium Alloy 6242 by Abrasive Water Jet Machining", *International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering Systems*, National Institute of Technology, Trichy.18 – 20 Jan 2018.
- Perumal, A. Azhagurajan, **R. Prithvirajan**, and **S. Baskaran**, Optimization of EDM Process Parameters On Ti-6Al-4V by Grey Relational Analysis, *International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering Systems*, National Institute of Technology Trichy ,18 – 20 January 2018.
- **Baskaran S** and Anandakrishnan V, "Statistical analysis of Co-efficient of Friction During Dry Sliding Wear Behaviour of TiCReinforced Aluminum Metal Matrix Composites", *Materials Today: Proceedings* 514273–14280 (2018).

Department ECE

- **B. Sukumar**, "Review on performance of 3D Image Encryption and Decryption using AES

Algorithm", *International Journal of Engineering Development and Research*, Vol: 5, Issue: 3, pp: 2321-9939, Jul 2017.

- P. Jothibasur, "A Wide Range Salt and Pepper Noise Removal using Sparse Approximation in Gray Images", *International Journal of Pure and Applied Mathematics*, Vol: 117, Issue: 8, pp: 187-191, November 2017. ISSN: 1311-8080,
- V.Mustafa, S.A.K Jilani, "Raspberry Pi based Real Time People Detection, Tracking and Counting System", *International Journal of Engineering and Techniques*, Vol: 3 Issue: 6, pp: 496-503, Nov-Dec 2017. ISSN: 2395-1303.
- S. Ayesha Tanveer and S.A.K Jilani, "Automated Voice based Braille Script Teaching Aid using Raspberry Pi", *International Journal of Engineering and Techniques*, Vol: 3, Issue: 6, pp: 488-495, Nov-Dec 2017. ISSN: 2395-1303.
- Sitharthan. R., Devabalaji. K.R. and Jeas. A, "A Levenberg–Marquardt trained feed-forward back-propagation based intelligent pitch angle controller for wind generation system", *Renewable Energy Focus*, Vol: 2, pp: 24-32, Dec 2017. ISSN: 1755-0084,
- Sumit Kale, Pravin N. Kondekar, "Charge plasma based source/drain engineered Schottky Barrier MOSFET: Ambipolar suppression and improvement of the RF performance", *Superlattices and Microstructures* (Publisher – Elsevier, SCI Indexed), Vol: 113C, pp: 799-809, Dec 2017. ISSN: 0749-6036
- D. Shanmugasundar. 'Photonic Crystal 4×4 Dynamic Hitless Routers for Integrated Photonic'. *Photonic Network Communication*. 2018.
- **M. Karthikeyan**, 'Low Complexity Layered Tabu Search Detection in Large MIMO Systems'. *AEU- International Journal of Electronics and Communication*. 2018.
- **Sitharthan R.** 'Improved Fault Ride through Capability of DFIG-wind Turbines Using Customized Dynamic Voltage Restorer'. *Renewable Energy Focus*, 2018.
- **G. Soundra Pandian.** 'UV Spectrum of Extract of Centella Asiatica (Vallarai)'. *Asian Journal of Pharmacy and Clinical Research*.2018.
- Brijesh K. Singh, 'Performance Analysis of Schottky Diodes Based on Bi doped p-ZnO Thin Films', *Superlattices and Microstructures*, Volume 120, Pp 288-297, May 2018.

Department of CSE

- M. Sreedevi, "A Secured Data Transmission Protocol for Multi-Path Routing" *International Journal of Scientific engineering and technology research*. in September 2017. ISSN: 319-8885
- Kuppusamy, "Privacy Preserving Procedure for Reporting Region Based Activity Summaries" *International Journal of Scientific Research in Computer Science, Engineering and Information Technology*- in September 2017, ISSN:2456-3307.

- Bharathi, V. C. "Medical Atonement based on Patient Health Record" *International Journal of Scientific Engineering and Technology Research*- in September 2017, ISSN: 2319-2885.
- Ramprasath, "Dynamic Remote Data Auditing Using Privacy Preserving Auditing Protocol in Cloud Environment" *ICOAC 2017(IEEE Proceeding)* on 14 December 2017 in Chennai.
- R.Sudhakar and V. Arun, "Motion Vector Estimation using Block DCT Based Compression problems with Depth Hexagon Based Search (DHEXBS) Algorithm" *International Conference On Data Security (proceeding)* during 11- 13 December 2017 in Krishanakoil, India.
- **Gopal N. Rai.** 'Web Service Interaction Modelling and Verification Using Recursive Composition Algebra". *Transactions on Service Computing. IEEE.* Vol. 11, 2018. [ISSN No. 1939-1374, doi. 10.1109/TSC.2018.2789454] [Indexing: SCI]
- **M. Kiran Kumar, M. Sreedevi,** YCA Padmanabha Reddy. "Survey on Machine Learning Algorithms for Liver Disease Diagnosis and Prediction". *IJET(UAE)* Vol 7, No 1.8. 2018 DOI: 10.14419/ijet.v7i1.8.9981.[Indexing: SCOPUS]
- **P. Kuppusamy,** P. Kamarajapandian, M. S. Sabari, J. Nithya. "Design of Smart Traffic Signal System Using Internet of Things and Genetic Algorithm- Advances in Big Data and Cloud Computing'. Rajsingh, E.B., Veerasamy, J., Alavi, A.H., Peter, J.D. (Eds.) *Advances in Intelligent Systems and Computing Springer*, doi.org/ 10.1007 / 978-981-10-7200-0_36, pp. 395 – 403, April 2018. (Scopus)
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- **M. Sreedevi.** 'An Innovative Graded Snip Discovery Protocol for Secure Data Transmission in Multi Hop Path Networks'. *International Journal of Pure and Applied Mathematics (IJPM.).* Volume 118 No. 17, Pp. 935-948, 2018. ISSN: 1314-3395.
- **R. Sudhakar** and **P. V. Venkateswara Rao.** "Optimized Video Image Security and Compression Using DCT and Depth Hexagon Based Search -DHEXBS Algorithm". *International Journal of Applied Engineering Research (IJAER)* Volume :11 Issue:7, Pp:4778-4781, 2018.

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- **V. C. Bharathi.** 'Unconstrained Handwritten Document Retrieval Based on User Query Interaction'. *International Journal of Engineering Research in Computer Science and Engineering*. Volume 5, Issue:2, pp:2394-2420, 2018.
- **Gopal N. Rai** and G. R. Gangadharan, "Model Checking Based Web Service Verification: A Systematic Literature Review" *IEEE Transactions on Service Computing*, 18 June 2018.
- **Sudhakar R.** and **P. V. Venkateswara Rao**, "Optimized Video Image Security and Compression Using DCT and Depth Hexagon Based Search (DHEXBS) Algorithm" *International Journal of Applied Engineering Research*, Volume.13, PP.4776-4781, April 2018 (Scopus Indexed).
- Bhargavi K. and **K. Sarvanan**, "A Novel Big Data Based Security Analytics Approach for Concept-Based Mining Model in Cloud Computing" *International Journal of Scientific Research in Computer Science, Engineering and Information Technology*, Volume 3, Issue 1, PP.186-190, May 2018.
- Annushree B. Edla, **D. Tripathi** and K. Venkatanaresh Babu, "An Efficient Concealed Information Test: EEG Feature Extraction and Ensemble Classification for Lie Identification" *Machine Vision and Applications*, June 2018.
- **Kuppusamy P.** "Design of Smart Traffic Signal System Using Internet of Things and Genetic Algorithm" *Advances in Intelligent Systems and Computing*, Volume 36,, PP. 395 – 403, (Springer), April 2018.

Department of Mathematics

- **A. Subba Rao**, V. R. Prasad, V. Nagaradhika, O. Anwar Beg. 'Heat Transfer in Viscoplastic Boundary Layer Flow from a Vertical Permeable Cone with Momentum and Thermal Wall Slip: Numerical Study.' *Heat Transfer Research*, Vol. 49, No.3, pp. 189–204. Impact Factor: **0.930**,(2018);**DOI: 10.1615/HeatTransRes.2017018153.**
- **A. Subba Rao**, CH. Amanulla, N. Nagendra, M. Surya Narayana Reddy and O. Anwar Beg. "Hydro Magnetic Non-Newtonian Nano-fluid Transport Phenomena Past an Isothermal Vertical Cone with Partial Slip: Aerospace Nanomaterial Enrobing Simulation". *Heat Transfer – Asian Research*; Vol. 47, No. 1. Pp.203-230(2018); <https://doi.org/10.1002/hjt.21299>.

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- Ch. Amanulla, **N. Nagendra, A. Subba Rao**, O. Anwar Beg and A. Kadir. 'Numerical Exploration of Thermal Radiation and Biot Number Effects on the Flow of a Non-Newtonian MHD Williamson Fluid over a Vertical Convective Surface' *Heat Transfer Asian Research*. Vol.47, No.2, pp.286–304 (2018);<https://doi.org/10.1002/htj.21303>.
- **K.V.N. Murthy, R. Saravana**, K. Vijaya Kumar. 'Modelling and Forecasting Rainfall Patterns of Southwest Monsoons in North-East India as A SARIMA Process' *Meteorology and Atmospheric Physics* 130 (1), 2018, 99-106. DOI 10.1007/s00703-017-0504-2.
- **R. Saravana**, P. Hariprabakaran, R. Hemadri Reddy, S. Sreenadh. "Peristaltic Flow of a Bingham Fluid in Contact with a Jeffrey Fluid". *Applications of Fluid Dynamics. Lecture Notes in Mechanical Engineering*. Pp. 505-513, 2018,. https://doi.org/10.1007/978-981-10-5329-0_37.
- K. Venkatadri, **S. Gouse Mohiddin**, M. Suryanarayana Reddy, Numerical Analysis of Unsteady MHD Mixed Convection Flow in a Lid-Driven Square Cavity with Central Heating On Left Vertical Wall'. *Lecture Notes in Mechanical Engineering*, ISSN: 2195-4364/ISSN: 2195-4356. Springer Science.https://doi.org/10.1007/978-981-10-5329-0_26.
- G. Venugopal Prabhakar, **P. Ramesh Reddy**, Larisa A Savinkina, G. Swapna Bhargavi, Sailaja Ankireddy. "Influence of Organisational Culture Dimensions on Knowledge Management Processes in Higher Educational Institutions". *International Journal of Knowledge Management Studies*. Vol.9, No.1, pp.51–71, 2018.
- **A. Subba Rao**, V. R Prasad, O. Anwar Beg and M. Rashidi, Free Convection Heat and Mass Transfer of a Nano fluid past a Horizontal Cylinder embedded in a non-Darcy porous medium; *Journal of Porous Media*, 21(3), 279-294 (2018). Impact Factor: 1.035 DOI: 10.1615/JPorMedia.v21.i3.60
- V. Ramachandraiah, V. Nagaradhika, R. Siva Prasad, **A. Subba Rao**, P. Rajendra, MHD Effects on Peristaltic Flow of a Couple Stress Fluid in a Channel with Permeable Walls, *International Journal of Mathematics Trends and Technology*, 58 (1), 24-37 (2018).
- **Singh, K.S.** and B. Tyagi Impact of data assimilation and air-sea interaction parameterization schemes for prediction of Bay of Bengal cyclone Phailin, *Meteorological Applications*, 2018, DOI: 10.1002/met.1734. (SCI; Impact factor: 2.391)

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- N. Nagendra, C. H. Amanulla and M. Suryanarayana Reddy, Mathematical Analysis of non-Newtonian Nanofluid Transport Phenomena Past a Truncated Cone with Newtonian Heating, *Journal of Naval Architecture & Marine Engineering*,15,pp.17-35, 2018.

Department of Physics

- M. Chandra Sekhar, **Nallabala Nanda Kumar Reddy**, Harish Sharma Akkera, B. Purusottam Reddy, V. Rajendar , S. Uthanna, Si-Hyun Park, "Role of interfacial oxide layer thickness and annealing temperature on structural and electronic properties of Al/Ta₂O₅/TiO₂/Si metal-insulator-semiconductor structure", *Journal of Alloys and Compounds*. 718 (2017) 104-111.
- **Koppole Kamakshi**, J. P. B. Silva, K. C. Sekhar, J. Agostinho Moreira, A. Almeida, M Pereira, M. J. M. Gomes, "Substrate temperature effect on microstructure, optical and glucose sensing characteristics of pulsed laser deposited silver nanoparticles" (DOI 10.1007/s11468-017-0625-y) *Plasmonics* (2017).
- **S. Victor Vedanayakam**, S. Parveen Dr. R. Padma Suvarna, "Thermoelectric Power Generation with Load Resistance Using Thermoelectric Generator", *International Journal for Research in Applied Science & Engineering Technology*, Vol:5, 9 Sep 2017.
- J. P. B. Silva, F. L. Faita, **K. Kamakshi**, K. C. Sekhar, J. A. Moreira, A. Almeida, M. Pereira, A. A. Pasa, and M. J. M. Gomes, "Enhanced resistive switching characteristics in Pt/BaTiO₃/ITO structures through insertion of HfO₂:Al₂O₃ (HAO) dielectric thin layer" (| 7:46350 | DOI: 10.1038/srep46350) *Scientific Reports*, (2017) I.F: **5.228**
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- Usha Mandadapu, **S. Victor Vedanayakam**, K. Thyagarajan. "Modelling and Simulation of Double Diode Solar Module Using MATLAB/Simulink". *International Journal of Creative Research Thoughts (IJCRT)*, Volume 6, Issue 1 February 2018 | ISSN: 2320-2882.

- Usha Mandadapu, **S. Victor Vedanayakam**, K. Thyagarajan. "Analysis of The Changes in the Performance of Solar Module with the Increase in the Temperature". *International Journal for Research in Applied Science & Engineering Technology*. Volume 6 Issue III, March 2018, ISSN: 2321-9653.
- **N. Nanda Kumar Reddy**, Harish Sharma Akkera, **M. Chandra Sekhar**, S. Uthanna, "Influence of Ta₂O₅ Interfacial Oxide Layer Thickness on Electronic Parameters of Al/Ta₂O₅/p-Si/Al Heterostructure", *Silicon*, (2018), pp:1-6. DOI: <https://doi.org/10.1007/s12633-018-9840>.

Department of Chemistry

- G. Apsana, P. P. George, N. Devanna, "Green Synthesis and Thermo, Optical Properties of M₂P₂O₇ [M= Ca and Co] Nanoparticles", *International Journal of Pharma and Bio-Sciences*, 8, 148, [July 2017].
- G. Apsana, P.P. George, N. Devanna, R. Yuvasravana, Enhanced Morphology and Efficient One-Pot Microwave Green Synthesis of Ag₃PO₄ Nanocubes and Their Optical and Photocatalytic Properties, *J. Bionanosci.* 11, **1**, 2017. **[October 1, 2017]**
- R. Yuvasravana, P.P. George, N. Devanna, "Synthesis and characterization of spinel metal aluminate by a simple microwave assisted green synthesis, *Mater. Today Proc.* 4, **10664** 2017. [December 31, 2017]
- R. Yuvasravan G. Apsana, **P. P. George**, N. Devanna, "Comparative Evaluation of Optical Properties, Photoluminescence of Copper Oxide and Cobalt Oxide Nanoparticles Synthesized by O. Sanctum Mediated and Solvent". *Material Focus*, **7**, pp.156-165, 2018.
- R. Yuvasravana G. Apsana, **P. P. George**, N. Devanna, "Biomimetic Synthesis and Antibacterial Properties of Strontium Oxide Nanoparticles by Using Ocimum Sanctum Leaf Extract". *Asian Journal of Pharmaceutical and Clinical Research*, 11, pp. 384-389, 2018.
- N. Devanna, G. Apsana and **P. P. George**. "A Green Approach to Phyto-Mediated Synthesis of SnO₂ Nanoparticles Using Ocimum Sanctum Leaf Extract and Their Antibacterial Properties". *Asian Journal of Pharmaceutical and Clinical Research*
- **K.M. Kumar**, M. Mahendhiran, M. C. Diaz, et al., '[Green Synthesis of Ce³⁺ Rich CeO₂ Nanoparticles and its Antimicrobial Studies](#)'. *Materials Letters* 214. pp. 15-19, 2018.
- **R. Yuvasravana**, P. P. George, N. Devanna, and G. Apsana, "Fabrication and Comparison Between Anti-Bacterial Properties of Metal Oxide Nanoparticles Prepared by a biogenic approach" *Journal of Bionanoscience*, Vol. 12, Issue 3, pp.408-416, June 2018. (Scopus Indexed)
- **M. K. Kesarla**, B. K. Mandal, and L. M. Gomez, "Morphological Studies of ZnO Nanostructures in the Presence of Trigol" *Bio-interface Research in Applied Chemistry*, Vol. 8, Issue 3, pp.3302-3305, June 2018. (SCI Indexed) in the Presence of Trigol" *Bio-interface Research in Applied Chemistry*, Vol. 8, Issue 3, pp.3302-3305, June 2018. (SCI Indexed)

Department of English and Foreign Languages

- Naresh, K. **Hampamma, G.** & Chitra, VB. "The Schema of Gender Roles: A Study of select poems from K V Raghupathi's Orphan and Other Poems" *The Criterion - An International Journal in English*. Vol:8, Iss.8, July 2017. pp: 645-653. ISSN: 0976-8165
- Padma, R. and **Hampamma, G.** "Race, Culture and Class Discrimination in Manjula Padmanabhan's *Beads*". *International Journal of Research in Social Sciences(IJMRA)*. Vol. 6 Issue 11, Nov 2016. Pp: 513-520, ISSN: 2249-2496.
- **Ramesh Babu**, "Women in Crises" *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, Volume 5 Issued XI November-2017.
- **Ramesh Babu**, "Teaching Tenses in a Simplest Method for Non-Native Speakers" *IOSR Journal of Humanities & Social Science (IOSR-JHSS)*, Volume 22, Issue 12, Version I December-2017
- **Hampamma, G.** "Jai Nimbkar's Feminist Approach with Reference to Her Select Short Stories". *International Journal of Creative Research Thoughts*. Vol:6, Issue:1, Jan 2018. Pp: 1362-1367. ISSN: 2320-2882. Impact Factor: 5.97
- **Rosalia H. Bonjour.** 'Activity Based Strategies to Teach Tamil and Telugu Medium Engineering Students to Communicate in English'. *6th Annual Conference on Recent Trends and Innovative Prctices in Teaching Language and Literature*, ELT@I Tirupati, p. 31-33, Feb. 2018.
- **Joel S.** 'Content Based Instruction: A Possible Key to Fortifying English Language Teaching.' *6th Annual Conference on Recent Trends and Innovative Practices in Teaching Language and Literature*, ELT@I Tirupati, p. 25-27, Feb. 2018.
- **Y. Sreenivasulu.** 'A Critical Evaluation of Selected Business Communication Course Components at JNTUA Anantapuramu'. *6th Annual Conference on Recent Trends and Innovative Practices in Teaching Language and Literature*, ELT@I Tirupati, pp. 208-210, Feb. 2018.
- **Ramesh Babu** and **K. Lakshmi Devi.** 'Significance of English Language in Specific Domains: Education, Business, and Movies'. *6th Annual Conference on Recent Trends and Innovative Practices in Teaching Language and Literature*, ELT@I Tirupati, p 124-126, Feb. 2018.
- **Hampamma, G.** "Anita Desai's Manifestations of Love". *International Journal of Research in Social Sciences*. Vol:8, Issue:3, Pp:803-811, March 2018. ISSN: 2249-2496. Impact Factor: 7.081.

- Lakshmi Narayana, C, [Hampamma, G.](#) & Chitra, VB. "Social Consciousness of Indian Women in Manju Kapur's Difficult Daughters". *International Journal of English: Literature, Language & Skills* (IJELLS). Vol.6, Iss.4, Jan 2018. pp: 81-88. ISSN: 2278-0742. Impact Factor: 2.01 (UGC approved).
- Lakshmi Bhaskara. **Hampamma, G.** & Chitra, VB. "Identity and Diasporic element in Anita Rau Badami's *The Hero's Walk*". *International Journal of English Language, Literature and Humanities*. Vol: 6. Iss: 2, Feb 2018. ISSN: 2321 – 7065. Pp: 841-849. Impact Factor: 5.7. (UGC approved)
- Lakshmi, B. R., Hampamma, G and V. B. Chitra, "Identity Crisis in Sunetra Gupta's *A Sin of Colour and Memories of Rain.*" *Veda's Journal of English Language and Literature JOELL*, Vol.5, no.1, pp.299-303, 2018, Impact Factor: 4.092
- Lakshmi Narayana, C, Hampamma, G. & Chitra, VB. "The Saga of Women Characters in Manju Kapur's *Home*". *Bodhi International Journal of Research in Humanities, Arts and Science*. Vol:2, Spl Iss:7, April 2018. Pp:90-96. ISSN: 2456-5571. Impact Factor: 2.135. (UGC approved).

Department of MBA

- Varadarajan R and Thulasi Krishna K, "Estimation of Investors' Sentiments Using Gordon's Dividend Model", *International Journal of Applied Financial Management Perspectives*, 2279-0896, 3282-3287, Vol.6, Issue 3 July-September 2017
- Varadarajan R, Dr. Thulasi Krishna K & Vamsi N, "Impact of YouTube Advertisements on Netizens: An Empirical Study", *International Journal of Applied Services Marketing Perspectives* Vol.6, Issue 3 July-September 2017, 2279-0985 3069-3080.
- Geetha Devi, "Are Certain Brand Personality Dimensions More Valuable at Driving Loyalty than Others?" *International Journal of Applied Business and Economic Research* Volume 15, Number 17 July-September 2017, ISSN: 0972-7302233-239.
- Geetha Devi, "Investor's Perception towards Life Insurance Policies", *International Journal of Trade and Global Business Perspectives* 2319-9059, Volume 6 July-September 2017, Online:2319-9067. 3645-3651.
- Chandrakanth Sahoo, "MERC Global's International Journal of Management Succession", *Management: Issues and Perspectives* October 2017, ISSN 2321-7278 (Print) and ISSN 2321-7286 (Online).
- N. Seshadri, and Geetha Devi K.V. "Role of induction in enhancing the skills of civil engineering students and reaching expectation a case study with reference to engineering education Andhra Pradesh." *International Journal of Civil Engineering and Technology*, Vol.8, Issue, 12 December 2017.

- Srinivas Krishna, "Leadership-An Essential Paramount and Cardinal Process of Organization." *International Journal of Applied Business and Economic Research*, Volume 15 - 22 Number 2017.

Department of Computer Applications

- **R. Siva Shankar** and K. Somasundaram. "Suggestions on Policy Making and Modifications Based on the Accident Reports of the Metropolitan Cities". *International Conference on Contemporary Issues in Management*, organized by International School of Management Excellence, Bengaluru, February 17, 2018.
- **R. Siva Shankar** and K. Somasundaram. 'Skull Stripping Based on Pixel Affinity Method for MRI Head Scans'. *International Journal of Engineering & Technology*. Vol.7, pp 49-52, 2018. [SCOPUS], DOI:10.14419/ijet.v7i2.22.12262.

Conferences/Seminars/Workshops/ Faculty Development Programs Attended

Department of CE

- Dr. D. Pavan Kumar, Dr. P. Perumal, Dr. S Bali Reddy, Dr. Dipankar Roy and Dr. Brijesh Kumar attended an "Induction program at MITS, Madanapalle" from 29th January to 12th February 2018
- Mr. N. Amarnatha Reddy attended an '*International Conference in Ocean Engineering (ICOE-2018)*' at IIT Madras on 18 – 21 February 2018.
- Dr. Prateek Verma attended a One week faculty development programme on "AI and Machine Learning at IIT Roorkee" from 4th June to 8th June 2018
- Mr. Sanjay Kumar A. C. participated in Greenpro-Summit Green Products, Materials & Technologies organized by CII- IGBC, At HICC Hyderabad on 17- 18 April, 2018.
- Mr. N. Amaranatha Reddy, Aneesh Mathew and Sanjay Kumar A. C. attended a one – week FDP on "Instructional Design and Delivery Systems" organized by the Dept. of Mechanical Engineering under TEQIP-II on 26th June 2018.
- Aneesh Mathew attended a 3-day IUCEE International Engineering Educator workshop organized by VIT AP University, from 12 to 14 July 2018.
- Dr. Dipankar Roy and Dr. Brijesh attended an internal auditor training programme by Bureau Veritas **ISO 9001: 2015** in MITS Madanapalle on May 17-18, 2018.

Department of EEE

- Dr. Rajendra Prasad Narne, got certified in "NPTEL Online Certification Course on Basic electrical circuits" from 30th August to 20th September 2017
- Ms G S Bharathi and Mr K Arul Kumar got certified in "NPTEL Online Certification Course on Design of photovoltaic systems" from 30th August to 20th September 2017

- Ms D Dhanalakshmi got certified in “NPTEL Online Certification Course on Power system analysis” from 30th August to 20th September 2017
- DR. A. Anbarsan got certified in “Basic Electrical Circuits, NPTEL ” from 30th August to 20th September 2017.
- Dr. Asha Rani M A got certified in” NPTEL Online Certification Course on Electrical machines - I” from 30th August to 20th September 2017.
- Mr M. Chakkrapani attended a workshop on “SiC Devices Enabled Power Converters Applications- Opportunities and Challenges at NIT Tiruchirappalli” from 11th December to 15th December 2017.
- Dr. Md. Fahim Ansari, Dr. Lakshmanan S.A, Dr. M. Vijay, Dr. Sumit Verma, . Dr. N. Prabhakaran, Dr. S. Mohan Krishna, Mr G. Raghu Chandra and Mr Pavan Kumar A. V attended an Induction Programme- 2017-18 on “Instructors Training Division” at MITS, Madanapalle from 29th January to 12th February 2018
- Dr. Mohan Krishna.S attended a national AICTE sponsored two weeks FDP on “Smart Grid and Clean Energy Technologies (SGCET)” organized by the Department of Electrical and Electronics Engineering at Pondicherry Engineering College, Pondicherry from 11 to 22 December 2017.
- Dr. Mohan Krishna attended a two-day summit on “Waste Management - Resource Management for Sustainable Future” was organized by the CII - Sohrabji Godrej Green business center at Bangalore on 23 and 24 November 2017.
- Dr. Asha Rani M. attended a one-day workshop on “Mission Innovation Smart Grids workshop” coordinated by Department of Science and Technology, Ministry of Science and Technology, Government of India at Indian institute of Technology Delhi (IITD) on 18 November 2017.
- Mr. M. Kishore attended an FDP programme "Winter faculty development programme on power electronics" jointly organized through NKN by the electronics and ICT academics at NIT Warangal during 11- 20 December 2017.
- Mr. Garimella Raghu Chandra, Asst. Professor, served as a conference chair organised by both IDES and Mc-Graw Hill Education on 20 January 2018 at Trivandrum.
- Mr. M. Vijay attended a faculty development program (FDP) “EPICS Program” at VR Siddhartha Engineering College, Vijayawada conducted by APSSDC on 5 Feb 2018.

- Dr. A. V. Pavan Kumar, as a resource person, conducted a session on Smart Grid Technologies & Grid-connected PV-Wind Hybrid power system at a Seven-day FDP on "Smart Grid Technologies (SGT-2k18)", from 4 to 9 of June 2018 organized by the Department of EEE, Narayana Engineering College, Nellore.
- Dr. A. Sudhakar, attended a 3-day workshop on "AI and Deep Machine Learning" conducted at MITS, Madanapalle in association with Bennett University from June 21-23, 2018.
- Dr. A. V. Pavan Kumar was invited as a guest speaker and resource person for National Level Symposium on "Recent Developments in Renewable Energy Systems and Power Quality (RDRES & PQ) - 2018" at Sreenidhi Institute of Science and Technology, Hyderabad on 29-30 June 2018.

Department of ME

- Dr. Senthilkumar. J.S. attended a two-day workshop on '*Restructuring and Redesigning the Higher Education Curriculum to Meet Industry Needs*' CII Southern Region at Jeppiaar Engineering College, Chennai, during 23 -24 August 2017.
- Prasanta Kumar Mohanta attended a seminar on Future Requirements in Space and Defense Technologies for India on 14 October 2017.
- Dr. I.Arun attended a three-day conference on "Innovation in Material for Extreme Environment", IMEE conducted by **University of Huddersfield, UK** during 22-24 Nov 2017.
- Mr Girish Chandran attended a five-day workshop on "Master trainers workshop of engineering exploration" conducted by IESA-MITS-KLE UN during 28 November to 2 December 2017.
- Dr S. Baskaran and Dr Prithvirajan R attended a workshop on "Understanding Nanotechnology and Engineering Nanomaterials for Diverse Technological Applications at NIT, Tiruchirapalli" from 18th December to 22nd December 2017.
- Dr P. Suryanarayana Raju, Dr Govindha Hemanth Kumar, Dr Prasanna Kumar Duvvi, Dr Senthil kumar J S, Dr S. Tamizhmanii, Dr A. Balaraju, Dr I. Arun, Dr Manvendra Tiwari, Mr Bisham Dhurandher, Mr Mohammed Taufik, Dr K. V. Nagesha, Dr P. Sivaiah, Dr P. Naresh, Dr Sudhir Raj, Dr Vishwanath, Dr Arun Nellaiappan. T, Dr Muralidhar singh M, Dr Vinod Kumar Singh, Dr V. Shanker Nath, Dr N. Shiva Kumar, Dr Guru Basavaraju T. M, Dr Manas Kumar Pal and Dr Srijen Sen Gupta attended a workshop on "Instructional Design and Delivery Systems at MITS, Madanapalle" from 25th June to 29th June 2018.
- Dr. Senthil kumaar. J.S, attended a two- day summit on "Waste Management - Resource Management for Sustainable Future" organized by the CII - Sohrabji Godrej Green Business Center at Bangalore on 23 and 24 November 2017.
- P. Mohammed Rizwan Ali attended a one-day seminar on 3D printing user forum organized by Stratasy on 13 December 2017.

- Dr. R.Prithivirajan and Dr.S.Baskaran attended a five day workshop on “Understanding Nanotechnology and Engineering Nano-materials for Diverse Technological Applications” organized by NIT, Tiruchirapalli during 18-22 December 2017.

Department of ECE

- Dr. D. Rajaveerappa, Dr. Gajendra Sharma, Dr. M. Karthikeyan, Dr. Brijesh Kumar Singh, Dr. P. Manimaran, Dr. J N Swaminathan, Dr. Sumit Kale, Dr. Jothi basu, Dr. Shantanu Saha, Mr. B. Sukumar, Mr. V. Satish Kumar, Mr . S. Thamizharasan, Ms. S. Usha Rani, Mr. J. T. Pramod, Mr. R. Ravindraiah, Mr. M. Sreenath Reddy and Mr. L. Ashok attended a workshop on “Signal and Image Processing using MATLAB at MITS, Madanapalle” from 17th December to 21st December 2017.
- Dr. Sarwesh P, Dr. Parag Parandkar, Dr. Gopinath and Dr. Sathees Kumar Nataraj attended a workshop on “High Performance Packet Processing Algorithms and Architectures at IIITDM Kanchipuram.” from 14th May to 18th May 2018.
- Mr Ranjeet Kumar attended a workshop on “Short Term Course on Digital Signal and Image Processing at G.B. Pant Institute of Engineering and Technology, Uttarakhand” from 22nd June to 26th June 2018.
- Mr Pratik Mondal attended a workshop on “Giant Course on Bio-Optical Characterization of Water Resources: Implications for Future Satellite Missions at IIT Kharagpur” from 25th June to 29th June 2018.
- Dr. Atanu Das attended 13th QS-APPLE 2017 Conference in Taichung, Taiwan from 22 to 24 November 2017.
- Dr. Atanu Das attended an “International Workshop on the Physics of Semiconductor Devices (IWPSD-2017)” in IIT Delhi from 11 to 15 December 2017.

Department of CSE

- Mr. D. M. Abhinay Kanth and Mr. V. Saiseshagiri attended a workshop on “Restructuring and Redesigning the Higher Education Curriculum to meet Industry Needs at CII, Chennai” from 23rd August to 27th August 2017
- Dr. Saravanan, attended a “Two-Day Workshop on Restructuring and Redesigning of Higher Education Curriculum to Meet Industry Needs” during 23rd – 24th August 2017.
- Dr. Mohan Krishna Varma, attended a faculty improvement program on AWS Technical Essentials in Vijayawada organized by APSSDC on 12 and 13 October 2017.
- Mr.C.Narasimha, Mr. G. Sreenivasulu and Ms.R Usha attended a workshop on “Emerging Trends in Cognitive Technology and its Applications at MITS, Madanapalle” from 11th October to 16th October 2017.
- Dr. G Arun Kumar got certified in “Problem Solving through Programming in C-NPTEL” from 1st January to 1st April 2018.

- Dr. N. Mohan Krishna Varma, participated in ISO/IEC JTC 1/SC 41 “Internet of Things and Related Technologies” 2nd Plenary Working Group Meeting in New Delhi, India during 13 - 17 November 2017.
- Mr. S. Narasimha, attended Bengaluru Tech Summit on 17 November 2017.
- Dr. Sudhakar, attended a one-day national level workshop on “3rd Communicating Science Out of the Lab –EURAXESS” Anna university, Chennai, on 11 November 2017.
- Mr. P. Venkata Sai Chandrakanth attended a workshop on “Google Mobile Developers Day” on 25 January 2018 at SVCE organized by Google & APSSDC.
- Mr. M. Kiran Kumar attended an awareness workshop - **World Skills Day** on 30 January 2018 at VRSEC, Vijayawada organized by NSDC & APSSDC.
- Dr. Veningston and Dr. Kuppuswamy attended a one-day FDP on “BIG DATA – HDFS, Mapreduce Programming in Hadoop” Supported by Consortium of Autonomous Engineering Colleges in the region of JNTUA (CAECJNTUA) organized by the Department of CSE – G. Pulla Reddy Engineering College, Kurnool on 6 January 2018.
- Dr. D.J. Ashwin Pabi and Dr. V. Arun participated in the “International Conference on Innovations and Discoveries in Science, Engineering & Technology” organized by the research forum of KCG college of Technology at Chennai from 17-18 April 2018.
- Dr. K. Saravanan, Ms. V. Nirupa and Mr. V. Thiruppathi Kesavan attended a workshop on “Research Challenges and Opportunities in Network System Design, at IIITDM, Chennai” from 7th May to 11th May 2018.
- Dr. Chandramohan D and Ms. M.K.Nageswari attended a workshop on “High Performance Packet Processing Algorithms and Architectures at IIITDM, Chennai” from 14th May to 18th May 2018.
- Mr. M. Kirankumar attended a workshop on “Deep Learning and Applications, at IIT, Roorkee” from 27th May to 31st May 2018
- Dr. R. Kalpana, Dr. V. C. Bharathi, Dr. P. V. Venkateswara Rao and Dr. Ramprasath attended a workshop on “Data Structures and Algorithms workshop, at MITS, Madanapalle” from 28th May to 1st June 2018
- Dr. K. Veningston, Dr. N. Mohan Krishna Varma and Dr. B. Baranidharan attended a workshop on “Artificial Intelligence and Machine Learning at IIT, Roorkee” from 4th June to 8th June 2018.
- Mr.BSH. Shayeez Ahamed, Mrs. V. Geetha and Mr. S. Bala Ganesh attended a workshop on “AWS Skill Guru, at SRIT, Ananthapuramu” from 20th June to 25th June 2018.
- Dr. P. Kuppusamy, Dr. R. Sudhakar, Dr Asphin Pabi D.J and Ms Divya attended a workshop on “Instructional Design and Delivery System of National Institute of Technical Teachers Training & Research at MITS, Madanapalle” from 25th to 29th June 2018.

- Dr. B Ramachandra Reddy participated in "IUCEE AP Chapter-EPICS" at Tirupathi on 24 -25 April 2018.
- Dr. Mohan Krishna Varma participated in "ISO/IEC JTC 1 SC 41 3rd Plenary Meeting" in Berlin, Germany from 13-18 May 2018.
- Dr. Saravanan participated in a "Workshop on Research Challenges and Opportunities in Network System Design" at IIITDM Kancheepuram, on 19 May 2018.
- Dr. P. Kuppusamy participated in a one-week FDP on ANN and Deep Learning supported by the Ministry of Electronics & Information Technology (MEITY), Govt. of India and organized by Electronics and ICT Academy, NIT Warangal from 11- 15 June 2018.
- Dr. B Ramachandra Reddy and Dr. P. Kuppusamy participated in "AI & Deep Learning", at MITS Madanapalle from 21-23 June 2018.
- Dr. M. Sreedevi, Dr. Gopal N Rai, Dr. and Ghanshyam S. Bopche, attended a "Certified Cyber Security Professional (Level-II) Course" organized by National Cyber Defence Research Centre (NCDRC) Bangalore from 22-24 June 2018.

Department of Management Studies

- Dr. G. Somasekar got certified in "E-Commerce website in PHP and MYSQL, NPTEL" from 18th May to 18th June 2018.

Department of Computer Applications

- Dr. V. L. Pavani and Dr. S. V. S. Ganga Devi attended a three-day 'Workshop on Artificial Intelligence and Deep Learning' conducted by LeadingIndia.ai - a nationwide initiative by Bennett University, India.
- Dr. V. L. Pavani and Dr. S. V. S. Ganga Devi on attended a one-day certification course on Deep Learning conducted by NVIDIA on June 23, 2018.
- Dr. C. Vijaya Kumar attended a workshop on "Introduction to Soft Computing Techniques at NIT Tiruchirappalli" from 26th October to 30th October 2017.
- Mr. A. Althaf Ali attended a workshop on "Faculty Development Programme on "Cyber Security" at NIT Warangal" from 19th December to 24th December 2017.
- Dr. A. Manimaran got certified in "NPTEL-Introduction to Internet of Things" from 1st January to 1st April 2018.
- Dr. Siva Shankar attended a workshop on "Faculty Induction Program at MITS Madanapalle" from 29th January to 12th February 2018.

Department of Mathematics

- Dr. A. Subba Rao presented a paper entitled "Hydro-magnetic Flow and Heat Transfer in a Williamson Non-Newtonian Fluid from a Horizontal Circular Cylinder with Thermal and Momentum Slip Effects: Numerical Study" in the *3rd International Conference on Recent Trends in Engineering & Technology* at St. Joseph's Institute of Technology, Chennai on 4-5 May 2018.

- Dr. Kuvar Satya Singh presented a paper on "Mathematical Modelling and Simulation of Tropical Cyclones" as a resource person in a two-day national level workshop on 'Recent Advances in Fluid Dynamics and Applications in Science & Technology (RAFDAST)' at MITS Madanapalle on 25-26 May 2018.
- Dr Sudhakar Reddy and Dr N. Nagendra attended a workshop on "FDP of NITTR at Chennai" from 25th June to 29th June 2018
- Dr P. Rajendra and Dr Ms Benaki attended a workshop on "Deep Learning, Organized by MITS, Madanapalle" from 21st June to 23rd June 2018

Department of Physics

- Mr. Pujari Ananda, Research Scholar, participated in International conference on Energy, Communication, data analytics and soft computing (ICECDS) -2017 organized by SKR Engineering College, Ponamallee on 1 and 2 August 2017 and presented a paper entitled "Studies on $1/f$ noise behaviour of a Titanium thin film deposited by Electron beam evaporation method and detecting the suitable thickness for its application".
- Dr. Prakash R. Somani attended a workshop on "Induction program for newly joined faculty at MITS, Madanapalle" from 29th January to 12th February 2018.
- Dr. Victor Vedanayakam attended a workshop on "World Space week, at BT college, Madanapalle in Association with Sathish Dhavan Space Center, SHAR, Sriharikota" from 4th October to 10th October 2018.
- Dr. Jagadeesh Babu Bellam attended an "Entrepreneurship Educators' Boot-camp organized by International Institute of Entrepreneurship Development (i2E) in partnership with Andhra Pradesh State Skill Development Co-operation (APSSDC) and North-eastern University, Boston, USA at Vijayawada on 8 August 2017.
- Dr. Jagadeesh Babu Bellam attended "9th Bengaluru India Nano 2017" organized by Department of IT, Biotechnology and Science & Technology, Government of Karnataka in association with Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) at Lalit Ashok Hotel, Bengaluru on 7 and 8 December 2017.
- Mr. Pujari Ananda attended an International conference on "Condensed Matter & Applied Physics (ICC 2017) organized by Govt. Engineering College, Bikaner on 24 and 25 November 2017 and presented a paper entitled " $1/f$ noise in Titanium doped Aluminum thin film deposited by Electron beam evaporation method and its dependence on structural variation with temperature".
- Dr. N. Nanda Kumar Reddy attended an International Conference on Advanced Semiconductor Materials and Devices- ICASMD-2018 organized by the Centre for Materials for Electronics Technology during March 8-10, 2018.

Department of Chemistry

- Dr. Logudurai attended a three-day international conference on “9th Bengaluru India Nano - International Conference & Exhibition” held at Hotel Lalit Ashok, Bengaluru from 7 to 9 December 2017.
- Dr. Balaji R. attended a national conference on “Quality Assurance, Accreditation & Ranking of Engineering Institutions: Challenges & Opportunities” organised by Education Promotion Society for India on 6 October 2017 at the Raintree Hotel, 636, Anna Salai, Teynampet Chennai.
- Dr. K. Seeni Meera and Dr. M. Balaji attended a national symposium on “*Emerging Environmental Challenges: An Engineering Approach -EEC 2018*” jointly organized by the Department of Chemical Engineering, BITS Pilani, Hyderabad Campus and CSIR-NEERI, Nagpur (Hyderabad Campus) on 16 February 2018.
- Dr. Ch. Venkateswarlu attended a two-day knowledge-based conclave organized jointly by the World of Chemicals and the Society for Surface Protective Coatings-India at Sheraton Grande Hotel, Bangalore on 7 and 8 June 2018.



Department of English and Foreign Languages

- Dr. Rosalia H Bonjour attended a workshop on “Empowering English Language Teachers with ICT at MJCET, Hyderabad” from 2nd October 2017 to 6th October 2017.
- Dr. Hampamma, G. presented a paper entitled “Culture & Gender Issues in Manjula Padmanabhan’s Plays” at a **Two-day National Conference on English Language & Literature in the Era of Globalization** held at Andhra Loyola Institute of Engineering & Technology, Vijayawada during 16-17 February 2018.
- Dr. Hampamma, G. presented a paper entitled “A Study of Water Ethics from the Selected Poems of KV Raghupathi” at the **International Conference on Novel Issues in Indian Writing in English** held at JKC College, Guntur during 23-24 February 2018.



Department of Humanities

- Dr.K.Srinivasa Rao and Dr. N.V. Ramana attended a workshop on “Financial Econometrics Theory & Applications-AICTE Sponsored and Organized by MITS School of Business, Madanapalle” from 11th December to 23rd December 2017.



- **Dr. Y. Sreenivasulu** attended a TEQIP-III sponsored one-week workshop on "Reinforcing Professional Communication Skills for Teaching Faculty" organized by JNTUA, Anantapuramu, from 11 – 15 July 2018.

Physical Education

- Mr. R. Rajesh William presented a paper at the "International Conference on Bringing Innovations in Sports, Education, and Nutrition- 2018" organized by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu on 8-9 February 2018.
- Mr. R. Rajesh William presented a paper at the "International Conference on Sports Vision and Mission for Grooming Athletes and Para Athletes for Olympics - 2020" Karaikudi, TN on 16-17 March 2018.

Campus Lecture Series

Department of Mathematics

- Conducted in-house 'Research Lecture Series' every Friday from 5 January to 30 March 2018 and from 6 April to 29 June 2018.

Department of Chemistry

- Organized a lecture on "Functional Nano Materials for Environmental and Energy Applications" on 3 February 2018.
- Conducted an info session entitled "Higher Studies and Research in Germany" on 21 March 2018. Ms. Padmavathi Chandramouli, Information and Office Manager, Deutscher Akademischer Austausch Dienst (DAAD), German Academic Exchange Service, Chennai was the speaker.

Student News

Student Welfare Cell

- Conducted a one - day awareness program on 'Scope and Availability of Scholarships to Pursue Higher Education Abroad' on 23 January 2018 for the students interested in higher studies abroad.

Department of Civil Engineering

- As a part of applying innovative technology in Engineering, Procurement and Construction, the faculty and II year students of Civil Engineering, went for an Industrial Visit to ET ACETECH2017 held at Bangalore International Exhibition Centre, Tumkur Road, Bangalore, Karnataka on 8 October 2017.
- M.Tech. students bagged the **second prize** at the *5th International Conference on Applied Science Engineering*.
- K. Mahammad Rafi, B.Tech. IV won a **gold medal** in *NPTEL Soil Mechanics Course* offered by IIT Kharagpur with a consolidated score of 93.

- G. Vijaykumar, Eturu Haritha and Majjari Sai Kumar are awarded under Gold category in SWAYAM – NPTEL (Jan – Apr, 2018).

Department of EEE

- P. Sunil Kumar, B. Tech.- III won the certificate of excellence for “Promotions” as Campus Ambassador (Online) from January-March 2018. He also won three merit certificates for an event “CA” conducted by Internshala from February-April 2018.
- Y. Sai Varun, B. Tech. -II Year, was selected as Campus Ambassador for IIT Madras.

Department of ME

- An interdisciplinary team named as “MITS Sparkers” comprising 18 students participated at Asia Level Hybrid Vehicle Challenge on 21- 22 January and secured 22nd rank in the event with an appreciation award conducted by Imperial Society of Innovative Engineers, Gr. Noida.
- B. Purushotham from the 3rd year and P. Suhail from the 2nd year participated at the district level and university level **Tech Fest** organised at Jawaharlal Nehru Technological University, Anantapuramu.
- An interdisciplinary team of 22 members named as “GEPARD” comprising 18 students’ domain won the 3rd rank at the national level student Grand Prix -2K18 organised by 7 Motors Pvt. Ltd, Nellore.
- Team **MITS SPARKERS** won “Chittoor District Youth Icons Award” for the year 2018 from Academy for Grass Root Studies and Research of India at Hotel Bliss, Tirtupati.

Department of ECE

- Kusuma Amilineni, Sucharitha Chokkappagari and Umeshwar Reddy were among the 229 shortlisted by the **Stanford University’s Hasso Plattner Institute of Design for the University Innovation Fellow (UIF) programme - Fall 2017.**
- Charan Sai Pala from the final year ECE participated in the “**Security and Diplomacy Track**” during the **Harvard Project for Asian & International Relations HPAIR 2017** Asia Conference in Sydney, Australia from 17 to 21 August 2017.
- **Industrial visit:** B.Tech, I year II semester ECE-A Students visited National Atmospheric Research Laboratory (NARL), Department of Space, Govt of India, Gadanki on 7 April 2017.

Department of CSE

- B.Tech-CSE final year students **B. Priyanka, Anitha, Sindhu. B** attended “Grace Hopper Celebration” India Summit, Bangalore on 16 November 2017.
- B.Tech-CSE III year student **K. Sasi Kumar Reddy** has been selected for AIESEC international internship in New CAIRO, EGYPT

- B. Tech-CSE III year student **T. Lohitha** has been selected as a lead of Google Developer Student Club (DSC) program at MITS.
- C. J. Teja Sai, B.Tech.- III, participated in “*Global Entrepreneurship & Innovation Summit*” at KLE Tech, Hubli from 28 December 2017 to 12 January 2018.
- Nara Tirumal, B. Tech. - III and K. Abhishek Reddy, B. Tech.- II, attended a workshop “*Google Mobile Developers Day*” on 25 January 2018 organized by Google & APSSDC.
- P. Sreekanth, B.Tech.- III, attended an awareness workshop - “*World Skills Day*” on 30 January 2018 at VRSEC, Vijayawada organized by NSDC & APSSDC.
- Sindhu. B, IV-B.Tech. was selected for “*Harvard Project for Asian and International Relationship (HPAIR)*” held in Harvard University, Massachusetts from 16 -20 February 2018.
- Rajesh Reddy, Harish Agarwal, Shaswanth Kumar Reddy, Poorna Chandra Reddy, Vamsi Krishna, Mounika M., Manohar, Lokesh Reddy & Pramoda participated at the district level **TECH FEST** organized by Chadalawada Ramanamma Engineering College on 5 January 2018.

Department of Computer Applications

- Vikatakavi Anusha, (14691F0003) won the prestigious Pratibha Award.

NCC

- B. Jitendra Reddy, EEE-II, received the best NCC cadet award on the occasion of Tirupati Group Ceremony on 24 February 2018.
- All the II-B.Tech-NCC Cadets got 100% pass result in the “**B-Certificate**” examination held in association with 35 - Andhra Battalion, Chittoor from 17 to 18 February 2018. Two cadets - B. Jitendra Reddy and N. Jhansi won the best cadet prizes among all the participants of 35 – AN Battalion.
- NCC cadets conducted an awareness program on the construction of water storage tanks in the house environment on World Water Day - 31 March 2018.

MOU Signed

- Department of English and foreign Languages took initiative to get 'PEOPLE ENGLISH', an exam centre for Cambridge signed an MOU with MTS Madanapalle on 7th April 2017.

Events Conducted

- Department of Chemistry organized '**World Ozone Day**' program on 16 September 2017.

- A two-day national level *Techno-Cultural-Sports Fest – 'ASHV – 18'* was organized on 16 -17 February 2018. Technical events included workshops, paper presentations, poster presentation, project expo and quizzes. Sports events included cricket, throw-ball, volleyball, kabaddi and tennikoit. Cultural events included dance-vance, larynx-warz, pic-o-rama, and theater. Ms. Mehreen Kaur Pirzaada, Tollywood actress, graced the celebrity evening. There was a jubilant musical night by award winning playback singers from Telugu film industry Mr. Simha and Ms. Sathya Yamini.
- An awareness programme on entrepreneurship was organised for B. Tech. first year students who had registered for the certificate course on entrepreneurship under PM Yuva Yojana - NIESBUD and DST, Government of India on 22 February 2018.
- An 'Alumni Meet' was organised on 11 March 2018. Mr. Shankar Reddy - President *MITS Alumni Welfare Association* and **Mr. Venu Gopal Chowdary** - *Management Representative*, Sr. alumni shared their experiences of corporate expectations during the session. Alumni showed their interest to contribute to MITS whenever the need arises.

NSS Activities/Community Service Programs

- Conducted an awareness programme on fire safety precautions on 12 August 2017 at MITS campus. The guests of the program were ex-army officers and fire staff.
- Conducted 'Swachh Bharath Programme' on 18 August.
- Took a rally for rivers on 19 September 2017 at Angallu Pond.
- Conducted an awareness program on 'Shauchalaya Nirman & Swachh Bharath' on 26 September 2017 at Sarkaruthopu Village.
- Organized Gandhi Jayanti on 2 October 2017. Mahatma Gandhi's struggle for independence through non-violence was recollected. Pledge was taken on maintaining Clean and Green at MITS Campus. NCC Care Taking Officer, Teaching and Non-Teaching staff participated in this program. MITS NSS Volunteers made the slogans of 'SWACHHA BHARAT' and went for door to door campaigning and distributing the pamphlets. The volunteers identified 17 beneficiaries and reported that to the Panchayat Secretary Smt. Gayatri and the Sarpanch Smt. Mallamma. The Panchayat Secretary and the Sarpanch congratulated the students on their participation.
- Conducted an awareness programme on 25 January 2018, to commemorate National Voters Day. All the NSS volunteers stood in the shape of VOTE in the college premises and exhibited the importance of vote.
- Conducted an eye check-up health camp at MITS on 25 January 2018.
- Celebrated 155 birth anniversary of Swami Vivekananda on 12 January 2018

Sports News

- During the JNTUA University selection trials held at various affiliated colleges from 13.09.2017 to 28.10.2017 in different games the following 9 students were selected as university representatives: G. Bhavya Sree for Basketball, P.Sahithi, M.Hemalatha, A.Vijay Kumar & Sg.Md.Ashfaq for Volleyball, G. Shiva Krishna for Kabaddi, E.Suresh for Kho-Kho, A.Ghananand for Hockey and G.Naga Sowmya for Fencing
- During the **Inter Collegiate Tournaments** held at AITS Rajampet on 15-17 /09/17 MITS won three Gold Medals.



**G. BHAVYA
SREE**



P. SAHITHI



M. HEMALATHA



**A. VIJAY
KUMAR**



**SG.MD.
ASHFAQ**



**G. SHIVA
KRISHNA**



E. SURESH



A. GHANANAND



**G. NAGA
SOWMYA**

- B. Sai Mithil, EEE -II, was one of the team members in volleyball winning team at ASHV 2018 sports meet on 17 February 2018.
- B. Sai Mithil, EEE -II, won the 1st prize in long jump at the 'State Level Athletics Meet' at K L University, Vijayawada on 19 February 2018.
- P. Udaya Bhanu, EEE -II, won the 1st prize in 'Treasure Hunt at ASHV- 18' on 17 Feb 2018.
- Mr. P. Balamurali Krishna, Teaching Assistant, won the **Man of the Series** award in cricket tournament on the occasion of **MITS Annual Day Sports Meet 2018**.

SPORTS EXCELLENCE AWARDS (MEN & WOMEN)

- In the men's category, **SG.Md. Ashfaq**, III Year ME, received the MITS Sports Excellence Award for the academic year 2017-18.
- In the women's category, **G. Bhavyasree**, IV Year ME received the MITS Sports Excellence Award- two years consecutively (2017 & 2018).

- The following students received the **“Sports Achievement Award”** for the academic year 2017 -18 during the annual day celebration on 20 April 2018.

| S.No. | NAME | DEPT. | GAME / SPORT | ORGANIZERS |
|-------|------------------|-----------|--------------|----------------------------------|
| 1 | G.Bhavya Sree | IV Me | Basketball | Anna University, TN |
| 2 | E.Suresh | III Civil | Kho - Kho | University of Mysuru Karnataka |
| 3 | G. Shiva Krishna | III Ece | Kabaddi | Sathyabama University Tamil Nadu |
| 4 | P.Sahithi | II Ece | Volleyball | Kannur University, Kerala. |
| 5 | M. Hemalatha | III Cse | Volleyball | Kannur University, Kerala. |
| 6 | Sg. Md. Ashfaq | III Mech. | Volleyball | SRM University, Tn. |

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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About MITS

Madanapalle Institute of Technology & Science (MITS) is a highly promising destination for Engineering, Management and Computer Application studies in India. The Educational Academy, is now under the proactive leadership of President Sri. N. Krishna Kumar M.S. (U.S.A), and Secretary & Correspondent Dr. N. Vijaya Bhaskar Choudary, Ph.D.

MITS is committed to achieving sustainability and takes action in the light of national and global challenges. MITS continues to nurture a culture of sustainability through learning, teaching, research, partnerships and industry collaboration.

Vision

To become a globally recognized research and academic institution and thereby contribute to technological and socio - economic development of the nation.

Mission

To foster a culture of excellence in research, innovation, entrepreneurship, rational thinking and civility by providing necessary resources for generation, dissemination and utilization of knowledge and in the process create an ambience for practice based learning to the youth for success in their careers.



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- Electrical & Electronics Engineering (EEE)
- Mechanical Engineering (MEC)

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- Advanced Manufacturing Systems
- Computer Science & Engineering
- Digital Electronics & Communication Systems
- Electrical Power Systems
- Structural Engineering

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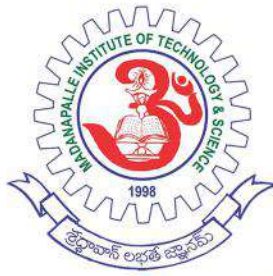
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College News



- Our beloved **Secretary & Correspondent's** extraordinary support and foresight on MOOCs added another feather to our MITS' illuminating cap. Our College-Local Chapter of NPTEL has been selected as a **TOP 10 Institute's Local Chapter** among 686 Local Chapters all over India. MITS has been felicitated by NPTEL – IIT Madras

as 'AAA category institute' with respect to our student's performance in the NPTEL-MOOCs courses online examination on 17 December 2016 at IIT Madras. NPTEL has **686 Local Chapters**, we are one among the '**TOP 10 Local Chapters in INDIA**'. In the TOP 100 list, we are in the "**Second Position**".

Conferences/Seminars/Workshops Organized

Department of Electrical and Electronics Engineering (EEE)

- Organized a six-day workshop on '**Smart Antenna Design and Analysis for MIMO Wireless Systems**' from **19-24 September 2016**.) Dr. S. Chetan Kumar, Senior Manager, Cisco Systems, Bangalore, Mr. Kirti Keshav, Manager, CISCO Systems Bangalore, Mr. Bhawani Shanker Bhati, Research Scholar, IISC Bangalore, Mr. M. Sreenivasan, Scientist 'D', SAMEER, Mr. Durgesh Katre, Application Engineer Nilogic Pvt. Ltd, Pune, Mr. J. Ravi Kumar, Senior Engineer, Technilab Instrument, Mr. A. Manimaran, Senior Application Engineer, VI Solutions, Bangalore and Mr. T.R Gunanad, Senior Engineer, Techilab Instrument Bangalore were the resource persons.
- Organized a one-week national level workshop on "Recent Developments and Research Challenges in Distributed Generation and Microgrids" from 13 to 17 December 2016 under TEQIP-II. Sri. M. M. Babu Narayanan, Chief Technical Advisor, PRDCL, Bangalore was the chief guest.
- Organized a workshop on "Practical Implementation Aspects of Solar Photovoltaic Systems" on 13 June 2016.



- Organized a national conference on '**Advances in Power and Energy Systems**' on 18 March 2017.

Department of Mechanical Engineering (ME)

- A three day workshop on "Short-term course on Finite element method for Engineers" was organized from 14 - 16 July 2016
- Organized a one-day seminar on "**Career Opportunities for Mechanical Engineers**" for III B. Tech (ME) students on 20 July 2016. Dr. Ajay J. Singhal from Manipal University was the resource person.
- Organized a 'Two-day Staff Development Program in CNC Programming' from 16-



17 September 2016. Mr. M. Kalimuthu, Manager – training, MTAB Engineers Pvt. Ltd. Chennai was the resource person.

- Organized a two day workshop on "Recent advances in Additive Manufacturing" on 19 - 20 August 2016
- Organized a two day workshop on "Modeling ,Simulation and Product Design Practices in Engineering" on 17 – 18 February 2017
- A workshop on "Environmental Management Framework (EMF) and Procurement" was organized for non teaching staff on 15 - 16 July 2016
- Organized the 'Fourth National Conference on Innovations in Mechanical Engineering (NCIME' 16)' on 21 and 22 October 2016. Dr. N. N. Kishore, Professor, Department of Mechanical Engineering, IIT Tirupathi, was the chief guest.
- Organized a seminar on '**Conservation of Oil and Natural Gas**' on 17 January 2017.
- Organized a national level students' technical symposium '**MEchonance'17**' on 18 April 2017.

Department of Civil Engineering (CE):

- Organized an innovative event in the form of exhibition "**Building Materials Day Exhibition**" on 2 November 2016 in South Block – Open Hall from 3.00 -5.30 P.M. Principal MITs – Dr. C. Yuvaraj inaugurated the exhibition.
- Organized a one-day national level technical symposium '**CITA'17**' on 12th April 2017.



- A workshop on “Motivating Employees for Rain Harvesting” was organized for non teaching staff on 7 September 2016.
- A workshop on “Clean Campus Green Campus” was organized for non teaching staff on 20 January 2017.
- A workshop on “Disposal of Kitchen waste for Organic Gardening and Compost fertilizer. etc” was organized for non teaching staff on 24 March 2017.
- A workshop on “Water Management for Betterment of Future Generation.” was organized for non teaching staff on 12 August 2016.

Department of Computer Science and Engineering (CSE)

- A Training Programme on “BIG DATA ANALYTICS” was organized from 1- 10 June 16.
- Organized a training Program on “IoT Application Development in Cloud Platform (IoTADC)” on 19 - 24 Sep 2016
- Organized a ‘One- day Seminar on Cyber Technology’ on 24 October 2016.
- Organized in collaboration with TEQIP-II a ‘One -day Workshop on Cyber Security’ on 19 November 2016. The purpose of the program was to provide participants with in-depth knowledge and skills to protect their information assets.
- Organized an awareness programme on "**Hackerearth - Online Programming Challenge**" for B. Tech. students on 21 January 2017 for all III year CSE, Mechanical, Civil, ECE, EEE and CSE II year students. The main objective of this programme was to create an awareness on platform Hackerearth to code, participate, and take challenges which will be helpful for the future placements.
- Organized a three-day training programme on '**Hands-on Training on Internet of Things**' in collaboration with IIIC Cell MITS Madanapalle by Mr. Chetan R. P. from 15 to 17 February 2017.
- Organized a national level technical symposium on “Emerging Trends in Computer Science & Information Technology” on 19 April 2017.
- Conducted a two-week workshop on "**CATIA V5 Mechanical Designer**" Organized by APSSDC during 6th to 20th June, 2017. Dr Kirana Kumara P. was the resource person
- Organized a two day workshop on “Office administration software MS-PPT” for non teaching staff on 27 - 28 June 2017



Department of Electronics and Communication Engineering (ECE)

- A workshop on "Research, Patent and Publish : A tutorial" was organized on 20 July 16
- A workshop on "Embedded System Program with MSP430" was organized on 18 - 19 October 2016. (Para 2)
- Conducted a TEQIP-sponsored two-day workshop on "**Microcontroller Programming using MSP-430**" in association with **Texas Instruments (India) University program** during 3- 4 March 2017.
- A workshop on "Communication Networks" was organized on 23 - 24 March 2017
- Organized a workshop on "Important safety tips for Electrical & Electronic devices" for non teaching staff on 7 January 2016

Department of English & Foreign Languages

- Organized a three-day faculty development programme on "**Teaching Towards Excellence**" from 26 to 28 October 2016. It aimed at enhancing research and teaching capabilities of the participants. Dr. K. Narasimha Rao from VSU Nellore, Dr. Appa Swami Jasti from HCU Hyderabad, and Dr. Aparna from Pulla Reddy Women's Engineering College Hyderabad were the resource persons.
- Organized a one-day seminar on 'Integration of Technology in Language under TEQIP – II on 24 December 2016. Dr. S. P. Dhanavel, Professor (HAG) and also the Director -Central Institute of Classical Tamil, Department of Social Sciences and Humanities IIT Madras was the resource person.
- Organized a one-day seminar under TEQIP – II on 'Why Learn a Foreign Language as an Engineer' on 1 February 2017.
- Organized a workshop on "BEC (Business English Certificate) Orientation Program" on 21 December, 2016
- Organized a workshop on "Integration of Technology in English Language Learning " on 23 December, 2016
- Organized Two-day Training Programme on "Leadership Skills" for non teaching staff on 1 - 2 November 2016.
- Organized two-day Orientation Cum Training Programme on "Effective Speaking Skills for Office Administration" for non teaching staff on 16 - 17 January 2017



Department of Management

- Organized a two-day Faculty Mentoring for department ED cell coordinators on Entrepreneurship Development from 15-16 September 2016. Mr. Vikram Jit Misra, Regional Manager, NEN, Hyderabad was the resource person.
- Organized a workshop on "Microsoft Excel for Faculty at MITS Madanapalle" from 24 - 26 October 2016
- Organized a workshop on "Women Empowerment - Role in Higher Education" for non teaching staff on 12 December 2016
- Entrepreneurship Development from 15-16 September 2016. Mr. Vikram Jit Misra, Regional Manager, NEN, Hyderabad was the resource person.

Department of Computer Applications

- A two day workshop on "Android Mobile Application development" was organized on 15 - 16 July 2016.
- A two day workshop on "Advanced Database Management System" was organized on 3 - 4 February 2017.
- Organized a workshop on "Office Automation- MS WORD & POWERPOINT" for non teaching staff on 16 July 2016.
- Organized a workshop on "Internet and Email Basics" for non teaching staff on 7 January 2017.

Department. of Chemistry

- Organized a webinar on "**Higher Studies Opportunities in Germany**" on 15 March 2017.
- A workshop on "Laser Radar Techniques for Remote Sensing the Atmosphere" was organized on 16 September 2016.
- A workshop on "Sponsored Research & Consultancy" was organized on 19 November 2016.
- Organized a workshop on ""Robotics Application and Future Technologies" on 2 March 2017.
- Organized a One-day Workshop on "How to Reduce Pollution" for non teaching staff on 28 October 2016.
- Organized a workshop on "Awareness Program on Protection of Ozone Layer" for non teaching staff on 20 May 2017

Guest Lectures Arranged

Department of CE:

- Organized a lecture on 'Smart City Development' on 9 August 2016. Dr. Ch. Rama Prasada Rao, Dean IIIC, gave an overview of smart city development pertaining to the Indian context. Dr. Majumbar Pradeep Kumar, Emeritus Professor and Research Advisor, AKS University Satna (MP), was the resource person.
- Facilitated a lecture on "New Construction Materials for Roads and Buildings" for the B. Tech. students on 28 February 2017.
- Organized a lecture on "Structural Analysis - An Overview" by Dr. M. Sunil Kumar for the B. Tech. II & III year students on 30 March 2017.

Department of EEE:

- Organized (in coordination with the Industry Institute Interactive Cell (IIIC) and sponsored by TEQIP-II) a one – day lecture on 'Internet of Things and Design Principles of Embedded Systems' on 16 July 2016. Mr. T. Chakra Pani, from Module Lead, Mistral Solutions Pvt. Ltd., Bangalore was the resource person.
- Organized (in coordination with the Industry Institute Interactive Cell (IIIC) and sponsored by TEQIP-II) a one – day lecture on '**Power Electronics – An Introduction and Applications**' on 16 July 2016. Mr. Ramesh Darla, Sr. Engineer - Power Supplies, Cisco systems, Bangalore, was the resource person.
- Organized (in association with IIIC) a lecture on '**Modern Trends in Electrical Power Engineering**' for the 3rd year EEE students on 16 August 2016. Mr. Bala Krishna Singam, Vice-President- Solution Development at Essential Energy, Bengaluru was the resource person.
- Organized a lecture in association with Dept. of ME & III Cell on "**Industry Expectation from Engineering Students**" III year students on 31 March 2017.

Department of ME:

- Organized a talk on 'Technopreneurship as a Career for Mechanical Engineering Students' on 14 July 2016. Mr. Ravi Subramanyam, MD -Rise and Shine Group, Dubai was the resource person.
- Organized a talk on 'Career Opportunities for Mechanical Engineers' on 20 July 2016. Dr. Ajay J. Singha from Manipal University was the resource person.
- Organized a talk on 'Composites for Aerospace Applications' on 30 July 2016. Mr. M. Subba Reddy, Director, Composite Structures -Aeronautical Development Agency, Bangalore and Mr. M. Hemesh -Sr. Research Fellow Development Agency, Bangalore were the resource persons.
- Organized a lecture on "X-Ray Diffraction" on 5 August 2016. Prof. Rahul Basu was the resource person.
- Organized a talk on 'Aero-acoustic Characteristics of High Speed Jets' on 6 Aug 16. Dr. K. N. Murugan, CSIR-National Aerospace Laboratories, Bangalore was the resource person.
- Organized a talk on 'Geometrical Dimensioning & Tolerancing' on 9 August 2016. Dr. A. R. Raghunath, Aditi Consultancy Services, Bangalore was the resource person.
- Organized a talk on 'Industrial Engineering towards Value Maximization' on 16 August 2016. Dr. K. K. Bhattacharya, Professor at NSEC, Kolkata was the resource person.
- Organized a lecture on 'Concepts and Scope of FEM/FEA in Static Structural Analysis with Case Studies' on 23 August 2016. J.R.K Murthy, FEM Solutions, Bangalore was the resource person.

Department of ECE:

- Organized in collaboration with III Cell-MITS lecture on Analog VLSI Design for III ECE Students on 14 October 2016. Mr. Venkateshappayya, former Service and Production Engineer, Belax UPS Systems, Bangalore was the resource person.

- Organized a three - day lecture on “Embedded systems programming with MSP 430 in coordination with the Industry Institute Interactive Cell (IIIC) and sponsored by TEQIP-II ” from 17 to 19 October 2016. The objective of this lecture was to provide in-depth knowledge on Embedded-System which uses a low-cost board called “MSP430” to drive home the concepts.
- Dr. J. N. Swaminathan conducted a one-day Guest Lecture on **"IEEE- A Stepping Stone to Success"** Organized by IEEE – MITS Chapter Under TEQIP – II on 23 January 2017.
- Mr. M. Jagadeesh Babu organized a two-day lecture on **“Introduction to Microcontroller 8051”** organized by Department of ECE and IIIC Cell by RP Chetan on 1 and 2 March 2017.
- Dr. Gajendra Sharma orchestrated a two-day lecturer on **"Projects Works and Real Time System"** on 8 and 9 March, 2017.
- Dr. M. Karthikeyan conducted a two-day guest lecture on **"Real-time Application of communication Networks"** by Former ISRO scientist G. Tirumala Rao from 23rd Mar 2017 to 24 March 2017.
- Mr. S. Arun and Mr. J. T. Pramod organized a lecture on **“Building a Career in Embedded Systems Domain”** on 28 March 2017.

Department of CSE:

- Organized a lecture on “Career Opportunities in Information & Communication Technologies” on 21 July 2016. Dr. Gowdara Pandu was the resource person.
- Organized (in association with IIIC) a lecture on “Fundamentals of Fuzzy Logic” on 23 July 2016. Dr. Siddhartha Bhattacharyya, Professor and Head of Information Technology of RCC Institute of Information Technology, Kolkata was the resource person.
- Organized (in association with IIIC) a guest lecture on ‘Adding Value to Engineering Career’ on 6 August 2016. Mr. Abdul Aziz Seid, New Delhi Chapter President- International Institute of Business Analysis (IIBA) was the resource person.
- Organized (in association with IIIC) a lecture on “Embedded Systems Programming and IOT” on 23 August 2016. Mr. Chetan R. P., Director - ERT Tech. Services, Bangalore, was the resource person.

- Organized a lecture on “Chemistry for Engineers in Today's Scenario” on 29 August 2016. Dr. Padma S. Vankar was the resource person.
- Organized a lecture on **"Designing Software for Scale"** under TEQIP-II on 4 January 2017. Mr. R. Sudheer Babu, **Amazon- USA**, was the guest speaker.
- Organized a three-day guest lecture on **"Computer Networks"** by Mr. G. Tirumala Rao, the **Former Scientist of ISRO**, Vishakapatnam, for the B. Tech. CSE III yr. students during 23- 25 January 2017.
- Organized a lecture on **"IT Industry Exposure and Preparation"** by Mr. Raghavendra Prasad Reddy for B. Tech. II CSE students on 1 April 2017.
- Organized a workshop on Teradata University Network Resources for Business Analytics Research & Teaching on 20 June 2017.

Department of Management Studies

- Organized (in association with IICC) a lecture on ‘Career Opportunities in Business Analysis for Management Graduates’ on 17 August 2016 Mr. Praveen Udupa, a Certified Business Analysis Professional (CBAP) from International Institute of Business Analysis (IIBA) and a Certified Professional in Requirements Engineering from International Requirements Engineering Board, was the speaker.
- Organised a lecture on ‘Innovation and Entrepreneurship’ on 28 September 2016. Mr. Koushal, CEOVendext, Bangalore, was the resource person.

Department of Computer Applications (MCA)

- Organized a lecture on "Big Data Analytics and its Associated Skills" by Dr. A.P. Siva Kumar on 11 April 2017.

Department of Chemistry

- Organized a lecture on “Laser Radar Techniques for Remote Sensing the Atmosphere” on World Ozone Day by Dr. Y. B. Kumar, Scientist-F, LIDAR Project, National Atmospheric Research Laboratory, Gadanki, Chittoor on 16 September 2016.
- Organized a lecture on "Robotics Application and Future Technologies" under TEQIP – II on 3 February 2017.

Campus Lecture Series

- Department of ME organized a campus lecture series on 'Research Opportunities in Additive Manufacturing Technology' on 28 July 2016. Prof. C. K. Srinivasa was the speaker.
- Department of ECE organized a campus lecture series on 'Research, Patent and Publish: A Tutorial' on 20 July 2016. Dr. Dinesh K. Avnekar, former Senior Engineer- Honeywell Technologies Ltd., Bangalore was the resource person.



- Department of English and Foreign Languages organized a campus lecture series on 'Phonetics and Diction' on 26 August 2016. Ms. D. Athar Samina Khan and Dr. S. Shanmuga Priya were the speakers.

Faculty News

Ph.D. Awarded

- Mr. P. Chandra Babu Naidu from the Dept. of EEE received his Ph.D. for his thesis titled 'Analysis and Improvement of Power Quality Issues Using Custom Power Devices' from SRM University, Chennai.
- Mr. D. Sita Rami Reddy, Sr. Asst. Professor - Dept. of Civil Engineering, received his Ph. D. for his thesis entitled "*Experimental Investigations on Cement Grouted Bituminous Mixes*" from Indian Institute of Technology Kharagpur in July 2016.
- Mr. A. Ravi Prasad received his Ph.D. from JNTUA Ananthapuramu. for his thesis entitled "*Investigation on Thermal Design Improvement of 30 KW Squirrel Sage Induction Motor*" in January 2017.
- Mr. K. V. Nagesh received his Ph.D. for his thesis entitled "*Prediction of PM from Drilling Operation in Surface Mines*". in March 2017.
- Mr. Prasanta Kumar Mohanta from Department of Mechanical Engineering received his Ph.D. for his thesis entitled "*Shock Cell Structure, Decay and Spread Characteristics of Noncircular Supersonic Jets*" from Anna University in May 2017.

Book Published

- Dr. N. Nanda Kumar Reddy (Asst. Professor – Department of Physics) published a book titled 'Studies on Pt/Ru and Pd/Ru Schottky Contacts to n Type Gallium Nitride', Scholars Press, Germany, July 2016, ISSN 978-3-659-84344-0.
- Dr. N. Nagendra Published a book titled "Numerical analysis of viscoelastic fluid from an inclined plate" LAP LAMBERT Academic Publishing ISBN 978-620-2-09264-7 in January 2017.

Research/Conference Papers Published**Department of ME:**

- Akkera, H.S, Reddy, N.N.K. Poloju, M. , Sekhar, **M.C., Yuvaraj, C.** , Prasad, G.S Fabrication of cast aluminium-silicon (Al-Si) and aluminium-magnesium (Al-Mg) alloys and their properties (2016) Acta Metallurgica Slovaca, 22 (4), pp. 212-221
- Bala Raju, A. "Optimization of Process Parameters for Hchrcr in Cnc Turning Machine Using Taguchi Method" *International Journal of Engineering Sciences & Research Technology*. 9-16 April 2017, **ISSN: 2277-9655**.
- **Subbarao Genikala**, P. D. N. Kiran, and Keerthana D. N. "Design of Low Power Digital Systems Using Reversible Logic", *Elixir International Journal - Electrical Engineering*, Vol: 105, pp: 46239-46249, April 2017, ISSN: 2229-712x.

Department of ECE

- M Jagadeesh Babu, 'Monitoring of Water Level Variations in Rivers and Flood Alert System using Wireless Sensor Networks' *International Research Journal of Engineering and Technology (IRJET)* Vol: 3 Issue:7, pp. 441-445 , July 2016 e-ISSN: 2395-0056 p-ISSN: 2395-0072.
- S. A. K. Jilani, 'A Smart Gadget to Analyse the Weather Changes Using SenseHat Sensor and Internet of Things (IoT)' *Indian Journal of Science and Technology* , Vol: 9 Issue:35 , ISSN: 0974-5645.
- A. R. Reddy, 'EFASBRAN: Error Free Adaptive Shared Buffer Router Architecture for Network on Chip' In *Procedia Computer Science/Elsevier* Vol: 81, pp. 261-270, August 2016 , ISBN/ISSN: 1877-0509.
- M. Thamarai 'Video Coding Technique with Multi Objective Particle Swarm Optimization and EZW' *Journal of Electrical Engineering and Technology / The Korean Institute of Electrical Engineers* Vol: 11 Issue: 5, pp.1404-11, September 2016, ISBN/ISSN: 2093-7423.

- **K Mohan, P Chandrasekhar, SAK Jilani**

“Object Face Liveness Detection with Combined HOGlocal Phase Quantization Using Fuzzy based SVM Classifier”, *Indian Journal of Science and Technology*, Vol: 10, Issue: 3 January 2017.

- **Arunbabu D.**, Sungmin Jung, Jiang Tian Liu, Sung Hwa Hong, Dhamodaran Arunbabu, Seung Man Noh, Jung Kwon Oh, “A New Reactive Polymethacrylate Bearing Pendant Furfuryl Groups: Synthesis, Thermo-reversible Reactions and Self-healing” *Polymer*, Vol. 109, 58-65, Elsevier - 27 January 2017.

- Shridevi A Mali, G Sravanthi, **Siva Subba Rao P**, Raja S, Sushma S J, A R Reddy, Rohith P Maben, “An Algorithm for Obstacle Avoidance Controller Using Ultrasonic Sensor for Mini Aircraft Applications”, (IETE) *Institution of Electronics and Telecommunication Engineers*, PP: 49-53, Mar 2017.

- Subbarao Genikala, “Speech Enhancement Combined with Post Processing Technique in Non-Stationary Noise Environments”, *Elixir International Journal - Electrical Engineering*, ISSN: 2229-712x, Vol: 104, pp: 45785-45789, Mar 2017.

- A N Morali, AH Abdullah, Z Zakaria, NA Rahim, V Vijejan, Sathees Kumar Nataraj, “Classification of human breathing task based on electromyography signal of respiratory muscles”, *2017 IEEE 13th International Colloquium on Signal Processing & its Applications (CSPA)*, Malaysia, March 2017.

Department of CSE

- M. Sreedevi, “An Efficient Method for Protecting Hypermedia and Reducing Computation Cost Using Cloud Resources”, *International Journal of Advanced Trends in Computer Science and Engineering*, Volume 5, No. 4, August 2016, ISSN 2278-3091.

- R. Kalpana, “Fusion for Image Based Human Age Estimation”, *Intelligent Automation & Soft Computing*, pp. 1-5, 16-09-2016.

- V. Bhoopathy, “Trailing Mobile Sinks to Data Coverage Protocol for Wireless Sensor Networks”, *International Journal of Innovations & Advancement in Computer Science*, ISSN: 2347 – 8616 (electronic version), Volume 5, Issue 6 pp.135-142, 2016.

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- V. C. Bharathi, Naga Prathyusha and V. C. Bharathi, "Efficient Scheme for Profit Maximization and QoS to Clients in Cloud", *International Journal of Computer Science Trends and Technology*, Vol. 4(5), September 2016.
- M. V. Jagannatha Reddy, G. Nagarjuna Reddy, M. V. Jagannatha Reddy, 'Big Data Processing Using Hadoop in Retail Domain', *International Journal Of Engineering and Computer Science*, Volume 5, Issue 9, pp. 18175-18179, September 2016 , ISSN: 2319-7242.

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I. "An analysis of decision-making structure for self-organizing system based on software engineering" *Computers & Electrical Engineering - Elsevier* ISSN: 0045-7906, Jan 2017.

II. "A Novel Approach to New Two Level of Organize Sampling Selection for Reducing the Redundancy" *IJSETR*- March 2017, ISSN:2319-8885.

- V. Thirupathy K. "Reactive power pricing using cloud service considering wind energy" *Cluster Computing* "The Journal of Networks, Software Tools and Applications", doi: 10.1007/s10586-017-0896-2 in May 2017.

Department of Computer Applications

- Vijaya Kumar, "Optimization of Data Storage and Fault Tolerance Strategies in Cloud Computing", *International Journal of Science & Research*, Volume -5, Issue-8, August 2016.

Department of English and Foreign Languages

- G. Hampamma, 'Manjula Padmanabhan's Three Virgins and Other Stories: Amazing, Amusing, Disturbing and Dazzling" *International Journal of English Language, Literature and Humanities*, Vol. 4, pp. 398-404.
- G. Hampamma, 'Race, Culture, and Class Discrimination in Manjula Padmanabhan's Beads', *International Journal of Research in Social Science*, Vol. 6 Issue 11.

- G. Hampamma , 'Social Perspectives in KV Raghupathi's Between Me and the Babe' Poetcrit. Vol. 29, Issue 2, July 2016.
- Padma, R. **Hampamma, G.** "Race, Culture and Class Discrimination in Manjula Padmanabhan's *Beads*". *International Journal of Research in Social Sciences (IJMRA)*. Vol. 6 Issue 11, Nov 2016. ISSN: 2249-2496. Pp: 513-520. Impact Factor: 7.081. (UGC approved)
- Rasheeda Begam, 'Portrait of Spirituality, Morality and Redemption in Wise Blood' *International Journal of Research in Social Science*, Vol. 6, Issue 11, 2016.
- Naresh, K. **Hampamma, G.** & Chitra, VB. "Nostalgia, Passion and Modernity: A Critical Reading of KV Raghupathi's three select poems - *Steam Engine, July 14, 2013* and *Ode to My Cycle*". *Labyrinth*. ISSN: 0976-0814, Vol. 8 Issue 1. Jan 2017. Pp:198-206.
- Saxena, P. "Transformation is Perseverance: A Study of Chinua Achebe's Trilogy (TFA, NE, AoG)", *International journal of Contemporary Issues*, ISSN 2229- 581X, Vol.14 Issue 4; Feb 2017.Pp:25-35.

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- A. Subba Rao, V. Ramachandra Prasad, N. Nagendra, N. Bhaskar Reddy and O. Anwar Beg "Non-Similar Computational Solution for Boundary layer flows of non-Newtonian fluid from an Inclined Plate with Thermal Slip" *Journal of Applied Fluid Mechanics*. Vol.9, No.2, pp.795-807(2016). ISSN: 1735-3645, Impact factor-0.888
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- B. Venkata Raman, Narasimha Rao Bhogi Reddy, Pardhasaradhi Mathi, Venugopal Gaddaguti, Naga Vamsi Krishna Ambatipudi, Venkata Raman B., Evaluation of the in vitro Anti-inflammatory activity of the ethanol extract from the seeds of *Entada Purusaetha* DC, *International Journal of Pharmacy Bio- Sci.*, 7(1), pp. 546-551, 2016.

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Department of Physics

- **Akkera, HS** and Kaur, D. Effect of Cr addition on the structural, magnetic and mechanical properties of magnetron sputtered Ni-Mn-In ferromagnetic shape memory alloy thin films, ***Applied Physics A-Materials Science & Processing***, Volume: 122 Issue: 12 Article Number: 996 DOI: 10.1007/s00339-016-0528-3 Published: DEC 2016.
- Harish Sharma Akkera, **Nallabala Nanda Kumar Reddy**, Musalikunta Chandra Sekhar, "Thickness Dependent Structural and Electrical Properties of Magnetron Sputtered Nanostructured CrN Thin Films", DOI: <http://dx.doi.org/10.1590/1980-5373-MR-2016-0786>, *Materials Research*, 20 (2017) 712-717.
- J. P. B Silva, **K. Kamakshi**, K. C. Sekhar, X. R. Nóvoa, E. Queirós, Joaquim Moreira, Abílio Almeida, Mário Pereira, Pedro Tavares, and Maria Gomes, "Light controlled resistive switching and photovoltaic effects in ferroelectric 0.5Ba(Zr_{0.2}Ti_{0.8})O₃-0.5(Ba_{0.7}Ca_{0.3})TiO₃ thin films", *Journal of the European Ceramic Society*, Vol. 37, 583 - 591 (2017) I.F:3.010.

- **Usha Mandadapu, S. Victor Vedanayakam**, K. Thyagarajan, "Numerical Simulation of $\text{CH}_3\text{NH}_3\text{PbI}_3\text{-XCl}_x$ Perovskite Solar Cell Using SCAPS-1D" *International Journal of Engineering Science Invention*, Vol II, Issue 9, p 42-45, March 2017.
- **Usha Mandadapu, S. Victor Vedanayakam**, K. Thyagarajan, "Simulation and Analysis of Lead based Perovskite Solar Cell using SCAPS-1D", *Indian Journal of Science and Technology*, Vol 11, Issue 10, March 2017.
- **Usha Mandadapu, S. Victor Vedanayakam**, K. Thyagarajan, "Effect of temperature and irradiance on the electrical performance of a pv module" *International Journal of Advanced Research*, Vol - 5, Issue 3, March 2017.
- J. P. B. Silva, F. L. Faita, **K. Kamakshi**, K. C. Sekhar, J. A. Moreira, A. Almeida, M. Pereira, A. A. Pasa, and M. J. M. Gomes, "Enhanced resistive switching characteristics in Pt/BaTiO₃/ITO structures through insertion of HfO₂:Al₂O₃ (HAO) dielectric thin layer" *Scientific Reports*, (2017) I.F: 5.228, (7:46350 | DOI: 10.1038/srep46350)

Conferences/Seminars/Workshops/ Faculty Development Programs Attended

Department of CE

- Mr. N. Amaranatha Reddy attended a 'Two-day National conference on Highways Construction Technology' at Hyderabad International Convention Centre, from 14 -15 July 2016.
- Mr. Sanjay Kumar A C attended an workshop on "Structural Steel Design focused on connections and special topics at IIT, Hyderabad" from 20 - 25 March 2017

Department of EEE

- Mr. M. Jagadeesh Babu and Mr. S. Arun attended a UGC sponsored workshop on "Embedded System Design using TI MSP430" from 24-25 June 2016 organized by Department of ECE, JNTUA-CEA in collaboration with Sapience Consulting under the Texas Instruments India University Program.
- Mr. M. Subba Rao and Mr. B. Chandrasekhar attended a 'One-day National Workshop on IUCEE – EPICS Program' at MLR Institute of Technology, Hyderabad on 6 July 2016. Dr. William Oakes, Purdue University, USA, was the resource person.
- Mr. K. Vasu attended a one-day workshop on "Crafting Powerful Questions"
- Mr. K. Manjunath, Mr. K. Vasu, Mr D. Chinnakullay Reddy and Mr K. V. Sateesh Babu attended a workshop on "Recent Developments and Research Challenges in Distribution Generation and Microgrid at MITS, Madanapalle" from 13 - 17 December 2016.

- Dr. Rajangam K., Dr. R. Rajkamal, Mr. Rayudu Peyyalla, and Mr. V. Ajay (from the Department of ME) attended 'An Advanced Training Programme on Energy Efficiency' organized by Confederation of Indian Industry (CII), Hyderabad from 28 - 29 July 2016.
- Dr. A. Anbarasan and Mr. K.V. Satheesh Babu attended a two-day conference and exposition on "Energizing South 2016: Smart – Reliable – Sustainable Power" organized by Confederation of Indian Industry (CII) from 22-23 August 2016 at Bangalore.
- Dr. A. Sudhakar and Mr K. Arulkumar got certified in "Deshya Technologies Online Certification Course on Power Electronics Part - A" from 24 January - 17 March 2017.
- Dr. B. Ramakumar, Dr. P. Chandra Babu Naidu and Dr. M. Vaigoundamoorthi attended a workshop on "MHRD's National Mission for Teachers and Administrators Management Capacity Enhancement Program (MCEP) at Indian Institute of Management (IIM), Indore " from 2 - 8 February 2017.
- Dr. R. Rajkamal attended a workshop on "Induction Motors, Electrical Drives, SIMOCODE & SIMARIS organized by APSSDC – Siemens at VVIT, APSSDC COE, Guntur" from 15 - 20 May 2017.
- Dr. S. Mohan Krishna, Mr V. Gunasekaran and Mr V B Thurai Raaj attended a workshop on "Internet of Things at NIT Warangal" from 5 - 10 June 2017.
- Mr. K. Arulkumar attended '2016 IEEE 6th International Conference on Power and Energy' at Hatten Hotel, Melaka, Malaysia on 28 and 29 November 2016. The objective of the conference was to share the latest research in the areas of electrical power, power electronics, electrical drives, renewable energy and control systems.
- Dr. A. Anbarasan, attended a IonIdea-sponsored ICTIEE 2017 workshop on "Outcome-based Education Platform" at Vardhaman College of Engineering, Hyderabad on 6 January 2017.
- Dr. Rajendraprasad Narne attended a "Management Capacity Enhancement Program" at Indian Institute of Management, Indore during 2- 8 February 2017.
- Dr. A. Anbarasan, R. Jayaprakash attended 'The Third International Conference on Electrical, Electronics & Computer Engineering on Supplementary Electrical Power Generation from Waste Heat Recovery" at Vivekananda College of Engineering for Women (Autonomous), Tiruchengode, Tamil Nadu during 8-9 March 2017.

- Dr. Rajendraprasad Narne attended a faculty development program on “Induction Motors, Electrical Drives, SIMOCODE & SIMARIS” organized by APSSDC - SIEMENS at VVIT, APSSDC COE, Guntur during 15- 20 May 2017.
- Dr. A. Anbarasan participated in the “Advanced Training Programme on Energy Conservation and Management” organized by CII-Godrej GBC at Hyderabad during 29- 30 June 2017

Department of ME

- Dr. L. John Baruch and Dr. S. Babu attended a ‘Two-day Advanced Workshop on Patent Drafting and Patent Protection’ at VR Siddhartha Engineering College, Vijayawada from 13-14 July 2016.
- Mr S. Kareemulla, Mr S. Krishna Chaitanya, Mr S. Vinoth Kumar, Dr T. Vishnuvardhan, Mr U. Nagaraju, Mr V. Ajay, Mr V. Girish Chandran, Dr Vijesh V Joshi, Mr P. Megha Shyam, Mr P. Venkataramana, Mr S. Praveen Kumar, Mr A. Bhargav, Mr V. Srinivasulu, Mr C. Bilhan Reddy, Dr C. K. Sreenivasa, Mr I. Arun, Mr K. G. Sudhakar, Mr Manu Ravuri and Mr Prasanth Kumar Mohantha attended a workshop on “Autodesk Nastran In-CAD at MITS, Madanapalle” from 28 November to 3 December 2016.
- Dr. Ch. Srinivas Rao attended one-day workshop on “Crafting Powerful Questions” conducted at JNTUA, Ananthapuramu on 16 July.
- Dr. A. Bala Raju attended a ‘Three-Day International Conference on Advances in Materials and Manufacturing (ICAMM-2016)’ from 8 to 10 October 2016 at Lenion Resorts, Hyderabad and presented a paper entitled “Response of semi-independent Versus Fully Independent Suspended Vehicles”.
- Dr. Manvendra Tiwari attended a workshop on “*Experimental Approach in Analytical Electrochemistry*” at Chemical Engineering Dept. MNNIT Allahabad in association with “KANOPY TECHNO SOLUTIONS PVT. LTD”, IIT Kanpur on 28 January 2017.
- Dr. A. Bala Raju attended the 1st International and 18th National ISME Conference on Mechanical Engineering: Enabling sustainable development, (ISME-2017) under TE-QIP-II from 23 to 25 February 2017.
- Prasanta Kumar Mohanta attended the 5th National Conference on “*Wind Tunnel Testing*” on 16 and 17 March 2017.
- P. Mohammed Rizwan Ali attended an FDP on CATIA V5 in Mechanical Engineering APSSDC 7 on 12 March 2017.

- Dr. Manvendra Tiwari attended a “National Workshop on *Emerging Trends in Mathematical Modeling and Computing*” (ETMMAC-2017) R&C, MNNIT Allahabad from 23 to 25 March 2017.
- Dr Manvendra Tiwari attended a National Seminar on “*Soft Computing in Bio- science and Bio Engineering,*” R&C, MNNIT Allahabad 22nd March 2017.
- Dr Kirana Kumara P attended a one-week workshop on Design & Simulation using NX conducted by APSSDC from 15 to 20 May 2017.
- Dr. R. Prithvirajan and Dr. S. Baskaran attended a workshop on SERB School on Mechanical Testing conducted by Department of Materials Engineering- Indian Institute of Science (**IISc**), Bangalore from 22 to 31 May 2017.

Department of ECE

- Dr. S. Rajasekaran, Dr. K. Sathesh, Dr. G. Harikrishnan, Ms. C. K. Hemantha Lakshmi, Mr. J. T. Pramod, Mr. P. R. Rathna Raju, Mr. M. Venkata Srinu, Mr. R. Ravindraiah, Mr. G. Subbarao, Mr. V. Satish Kumar, Mr. B. Vamsi Krishna, Mr. U. Sreenivasulu, Mr. M. Karthikeyan, Mr. D. Girish Kumar and Mr. G. Sambasiva Rao attended a workshop on “Smart Antenna Design & Analysis for MIMO Wireless Systems at MITS, Madanapalle” from 19 – 24 September 2016.
- Dr M Thamarai, Professor & HOD, along with Mrs. M Prathiba, SAO(G) and **Ms. N Keerthi, Executive Director MITS** attended a three-day ‘12th FICCI Higher Education Summit 2016’ from 10 to 12 November 2016 at Vigyan Bhavan, New Delhi. This program was organized by the Federation of Indian Chambers of Commerce and Industry. The theme of the program was “**Education for Tomorrow: Learn in India- Learn for the World**”.
- Dr. Gautam Narayan attended a workshop on “Nano sensors: Design, Principles and Applications conducted by Department of Chemistry at Indian Institute of Technology - Hyderabad (IIT-H), Kandi, Sangareddy, Medak district, Telangana.” from 3 – 7 December 2016.
- Dr. M. Thamarai and Dr. Ravi Srinivasa Rao attended a workshop on “9th Management Capacity Enhancement Program conducted by IIM Trichy at Chennai campus” from 6 – 10 February 2017.
- Mr. S. Javeed Hussain and Mr. M. Sreenath Reddy attended a one-week FDP on “Internet of things” conducted by NIT Warangal from 5 – 10 June 2017.
- Dr S Solai Manohar, Professor, ECE, Dr K Rajangam, Assoc Professor, EEE, Dr. A Senathipathi and Dr. K. Seeni Meera, Asst Professors, Chemistry, MITS 3rd QS Summer School Summit ITC Grand Chola Hotel, Chennai sponsored by TEQIP – II from 5 to 8 December 2016.

- Dr. P. Jothibaslu attended a one-week workshop on 'Internet of Things' sponsored by MHRD and conducted by National Institute of Technology Warangal from 8 to 13 May 2017.
- Mr. S. Md. A. Ansari and Mr. D. Raghuram attended a faculty improvement program (FIP) on "Industrial Automation – Siemens" by APSSDC during 15- 20 May 2017.
- Dr. Sumit Kale attended a two-week faculty development program (FDP) on "Digital VLSI Circuit Design" from 3 to 12th June 2017 at Department of ECE, Mr. M. Jagadeesh Babu attended a one-week FDP on Internet of Things, conducted by NIT Warangal from 5 to 10 June 2017.
- Mr. L. Ashok attended a one-week FDP on 'Internet of Things' conducted by NIT Warangal from 5 to 10 June 2017.

Department of CSE:

- Mr. D. Kasi Viswanath attended a workshop on "Pattern Drafting & Patent Protection Strategies at Confederation of Indian Industry, Vijaywada" from 13 – 17 July 2016
- Dr. V. Thiruppathy Kesavan and Dr. V. C. Bharathi attended a workshop on "Effective Utilization of Cloud Technology at AUCE, Vishakapatnam" from 18 – 22 July 2016
- Dr. V. Bhoopathy and Mr. G. Sreenivasulu attended a workshop on "Outcome Based Learning at BITS Pilani, Hyderabad" from 26 - 30 August 2016
- Dr. K. Veningston, Mr. C. Narasimha and Ms. M. K. Nageswari attended a workshop on "Android Developer Fundamentals at APSSDC, Ananthapur" from 6 – 10 September 2016
- Dr. R. Kalpana, Dr. M. Sreedevi, Dr. S. Babu, Dr. V. Hanuman Kumar and Mr. G. J. Kumar attended a workshop on "IoT Application Development in Cloud Platform (IoTADC) at MITS, Madanapalle" from 19 - 24 September 2016
- Mr. G. Hemanth Kumar Yadav, Ms. R. Praveena and Mr. V. Saiseshagiri attended a workshop on "Cloud Computing at APSSDC, Ananthapuramu" from 22 - 26 September 2016
- Mr. C. Narasimha and Mr. M. Kiran Kumar, attended an International Short Term Course on **Mobile Systems Security** under GIAN (Global Initiative of Academic Network), an initiative of MHRD, Govt. of India organized during 21- 25 November 2016 at MNIT Jaipur.
- Mr. YCA Padmanabha Reddy and Mr. D. Kasi Viswanath attended NASSCOM Train the Trainers (ToT) Module-III program jointly organized by APSSDC and NASSCOM at JNTU Kakinada Campus, Kakinada from 14 to 18 December 2016.

- Mr. B. S. H. Shayeez Ahamed, Mr. P. Venkata Sai Chandrakanth and Mr. Wilson Thomas attended a workshop on “IBM Business Analytics at APSSDC, Tirupathi” from 21 – 26 November 2016
- Dr. P. V. Venkateswara Rao and Mr. S. Vikram Phaneendra attended a workshop on “Simulation of Wireless Communication using NetSim at AUCE, Vishakhapatnam” from 16 – 22 February 2017
- Dr.V.Thirupathy Kesavan attended an “International Conference on Transformations in Engineering Education” at Vardhaman College of Engineering, Hyderabad from 6 to 8 January 2017.
- Mr. YCA. Padmanbha Reddy presented a paper on “Semi-supervised single-link clustering method” at ICCIC 2017(Computational Intelligence and Computing Research) on 8 May 2017 (IEEE Publishers) in Chennai.

Department of Physics

- Dr. A Harish Sharma and Dr. N. Nanda Kumar Reddy attended the International Conference of Young Researchers on Advanced Materials (IUMRS-ICYRAM 2016) organized by Indian Institute of Science, Bangalore under the aegis of MRSI.
- Dr. Virendra Kumar Verma attended a “Management Capacity Enhancement Program” organized by **IIM-KOZHICODE** from 5 to 10 December 2016.
- Dr. K. Upendra Kumar, Dr. K Kamakshi and Dr. N. Mohan attended a workshop on “Induction Program for the newly joined faculty at MITS, Madanapalle” from 5 – 16 June 2017
- Dr. K Upendra Kumar and Mrs G Sowjanya attended and presented a papers at a three day “**International Conference on Materials Processing and Applications - IC-MPA-2016**” organized by the Centre for Crystal Growth, SAS, VIT University, Vellore in collaboration with Akita University, Japan. The objective of this conference was to facilitate and encourage the exchange of knowledge and experience among different communities.
- Dr. Upendra Kumar K. attended a National Conference on Critical and Strategic Materials for Advanced Technologies (**CSMAT 2017**) organized by the Rare Earth Association of India (**REAI**) & the Indian Society of Analytical Scientists (**ISAS**), Munnar, Kerala from 9 to 11 March 2017.

Department of Mathematics

- Dr M Sudhakar Reddy, Asst. Professor & HoD, Dept. of Mathematics, Dr. Prasanna-kumar Lakshmi Duvvi, Professor, ME, Dr. C Ravi Kumar, Asst. Prof, MBA, Dr N Ramesh Babu, Research officer, MCA, and Mr. M Kishore, Asst Prof, EEE, MITS attended a ‘Two-Day National Summit on Quality in Education’ on 18 and 19 November 2016 organized by CII – Confederation of Indian Industry at CII Institute of Quality, Bengaluru.

- Dr V. P. Shukla, Dr Rahul Boadh and Dr G. Ramu attended a workshop on “Induction Program at MITS, Madanapalle” from 6 – 14 June 2017

Department of English and Foreign Languages

- Dr. K. Lakshmi Devi attended a workshop on “Reinforcing Professional Communication skills for Teachers organized by Srinidhi Institute of Science & Technology, Hyderabad” from 10 – 14 July 2016
- Dr. B. Rasheeda Begum attended a workshop on “Management Capacity Enhancement Programme (MCEP) organized by Indian Institute of Management (IIM), Indore” from 23 – 29 August 2016
- Dr. Parul Saxena, attended a ‘*Three-Day International Conference on Language, Literature and Culture ‘(ICLLC 2017)’*’ organized by the Institute of Advanced Studies in English Pune from 3 to 5 February 2017
- Dr. G. Hampamma, attended a four-day workshop on “*Self-Awareness and Higher Goals in Education*” organized by Indian Institute of Technology (IIT) Madras from 29 May to 2 June 2017.

Department of Chemistry

- Dr. Logudurai R, Dr. Arunbabu D, Dr. Balaji R, Dr. Selvaganapathi A, Dr. Seeni Meera K, Dr. Nasrin Shaik and Dr. Balaji M attended a workshop on “Induction Program for Newly Joined Faculties at MITS, Madanapalle” from 20 June – 2 July 2016.
- Dr. A Selvaganapathi along with Dr P Chandra Babu Naidu, Sr. Asst. Professor, Dept of EEE, Dr Hanuman Kumar, Assoc. Professor, Dept of CSE, attended a “Three-Day Residential Training Programme on Patent Law & Policy” conducted by Andhra Pradesh Human Resource Development Institute (APHRDI) (Govt. of Andhra Pradesh), Bapatla, Guntur District, from 21 to 23 November 2016.
- Dr. R Logudurai, Dr. Balaji Ramanujam, and Dr. Gautam Narayan attended a ‘Five-day Workshop on Nano Sensors: Design, Principles and Applications under TEQIP-II’ conducted by Department of Chemistry, IIT Hyderabad during 3 - 7 December 2016.
- Dr. Balaji R. attended a “**National Conference on Emerging Issues in Green Chemistry: Possible Alternatives**” organized by Department of Chemistry, Sanskrithi School of Engineering Puttaparthi on 24 March 2017.
- Dr. Balaji R. attended a national workshop on “**Ranking Masterclass**” organized by CL Educate Ltd, The Park Hotel, Chennai, on 12 June 2017.
- Dr. Balaji R. attended a “**National Conference on Emerging Issues in Green Chemistry: Possible Alternatives**” organized by Department of Chemistry, Sanskrithi School of Engineering Puttaparthi on 24 March 2017.

- Dr. Balaji R. attended a national workshop on “Ranking Masterclass” organized by CL Educate Ltd, The Park Hotel, Chennai, on 12 June 2017.

Department of MCA

- Mrs. A R Pavani attended a workshop on “Management Capacity Enhancement Program at IIM Indore” from 23 – 29 August 2016
- Mr. K. Chokkanathan, Dr. C. Yuvaraj, Principal & Mr. J. Saravanababu, Senior Placement Officer, attended a one-day workshop on Creating Roadmap for Innovation and Incubation Centres in AP Educational Institutions, organized by ITE&C department on 19-10-2016 at Gateway Hotel in Vijayawada.
- Dr. R Senthil Kumar & Dr. M. Jayakameswaraiah attended a three-day faculty development programme on “IBM CERTIFIED APPLICATION DEVELOPER-CLOUD PLATFORM” organized by the Dept. of Information Technology, Sree Vidyanikethan Engineering College (Autonomous), Tirupati, sponsored by IBM from 14 to 16 November 2016.
- Dr. N. Naveen Kumar attended a workshop on “Management Capacity Enhancement Program at IIM Udaipur” from 13 – 18 February 2017
- Dr. S.V.S. Gangadevi attended a Faculty Development Program on “Big Data Analytics and Internet of Things at NIT Warangal” from 22 – 31 May 2017
- Dr. R Senthil Kumar and Dr. V. L. Pavani attended a workshop on “Faculty Induction Program at MITS Madanapalle” from 5 – 16 June 2017

Department of Management Studies

- Mrs. Gayatri Ramesh Garu and Ms. N. Keerthi – Executive Director MITS, Mr. V. Maruti Prasad, Sr. Manager Communications, Dr. C.V. Krishna, Assistant Professor, attended a ‘Two-Day Brand Summit, organized by CII at TAJ Vivanta, Bengaluru on 21 and 22 October 2016. The main objective of the Summit was to throw insights into the branding and brand building of leading national and international brands.
- Dr. R. Vara Prasad and Mr. Ganjendra Sharma, Asst. Professor (Department of ECE) attended ‘CII Entrepreneur Conference on Innovation: Transforming Ideas to Business’ at Hotel Park Hyatt, Hyderabad on 9 December 2016.
- Dr. Varaprasad attended an international conference - ***Ishik Business and Administrative Science Student Conference IIBASSC’2017*** on a study on predicting future prices using technical analysis of FMCG companies listed in NSE India organised by Education and Academia on 21 May 2017 at Irbil, **Iraq**.
- Dr. Chandrakanata Sahoo attended a AICTE approved short term course on “HR Analytics - Hands on Training, at IIT Khargapur” from 5 – 11 March 2017

Student News

Placement News: Over 100 students got placed in reputed companies.

| S.N. | Company Name | Event Date | Salary (LPA) | CSE | ECE | EEE | MECH | MBA |
|------|-------------------------|------------|--------------|-----|-----|-----|------|-----|
| 1. | VENDEXT (INTERNSHIP) | 20-7-2016 | 2.5 | | | | | 30 |
| 2. | CAPGEMINI | 16-9-2016 | 3 | 13 | 22 | 2 | | |
| 3. | NIT DTA | 24-9-2016 | 3 | 8 | 8 | | | |
| 4. | DIVUM | 24-7-2016 | 2.4 | 3 | | | | |

- The following B. Tech, ECE students were shortlisted by the Stanford University's Hasso Plattner Institute of Design for the University Innovation Fellow (UIF) programme - Spring 2017.

Spring 2017 Fellows:

Suchitra Nidiginti - 14691A04I8

Kollu Nishkala - 14691A04C1

Manasa Kakarla - 14691A04K6

University Innovation Fellows - Silicon Valley Meetup, March 2017:

The following students from ECE, MITS attended the Silicon Valley Meetup:

Ms. Suchitra N - 14691A04I8

Ms. K Nishkala - 14691A04C1

Ms. Manasa K - 14691A04K6

Mr. Sai Kiran Kumar Reddy Y - 14691A04G2

Mr. Charan Sai P - 14691A0432

Mr. Sameer Ahmed M N - 14691A04H0

Nearly 300 Fellows and 30 faculty sponsors from 77 universities in 8 countries traveled to the San Francisco Bay Area on March 9-13, 2017, for the UIF program's signature event, the Silicon Valley Meetup. Attendees took part in immersive experiences at Stanford University's D. School, Google, Microsoft and other Silicon Valley organizations. The Meetup was the culmination of the 6-week, video conference-based online training for Fellows who joined the program in Fall 2016 and Spring 2017.

- UIFs meet with the Chief Minister:**

The University Innovation Fellows (Stanford University) had a meeting with the Honorable Chief Minister of Andhra Pradesh Sri. N. Chandrababu Naidu organized by APSSDC

APSSDC at Amaravati on 27 April 2017. Sri Kollu Ravindra, Minister, Skill Development, Andhra Pradesh; Dr. N. Vijaya Bhaskar Choudary, Secretary & Correspondent, MITS; Dr. B. Rama Kumar, Vice Principal (Academics) MITS; Sri. Ganta Subbarao, Director, APSSDC, and other delegates attended the meeting.



Responsible Chief Minister of Andhra Pradesh Sri. N. Chandrababu Naidu Congratulating MITS Students on visiting Stanford University as part of University Innovation Fellowship Program

Placement News:

32 students from **2014-18 batch** (salary in LPA: 2.2 to 5) got placed in multinational companies in April and May 2017.

Sports Activities

Events Organized (Inter College & Intra-College Tournaments)

| S.N O | DATE | EVENT DETAILS | GAME / SPORT | CATEGORY | NO. OF PARTICIPANTS | REMARKS |
|-------|----------------------------|---|---|-------------|---------------------|---|
| 1 | 08/04/17 To 12/04/17 | Annual Day Sports 2017 | 200m,800m,Long jump, shotput, & Javelin Throw | Men | 150 | Program organized by Dept. Of Physical Education |
| | | Best Sportsmen Award 2017 (Men) G.Mahesh – (Volleyball) Best Sportsmen Award 2017 (Women) G.Bhavya sree –(Basketball) | | | | Recognized with cash award & certificate. |
| 2 | 27/03/17 To 07/04/17 | Intramural Sports 2017 | 200m,400m, Long jump, Discuss throw & Javelin Throw | Women | 420 | Prizes Distributed on Annual Day 2017 Celebrations. |
| | | | Cricket, Volleyball, Kabaddi, Throw-ball& Tennikoit | Men & Women | | |

Industry visit

- Dr. Ch. Rama Prasada Rao, Dean, Industry Institute Interaction Cell, visited to Southern Region Farm Machinery Training and Testing Institute (SRFMTI), Garladinne on 8 July 2016.

- Faculty from the department of Civil Engineering II and III year students visited '**ET ACE TECH-2016**' held at Bangalore International Exhibition Center, Tumkur Road, Bangalore, from 22 to 23 October 2016. The main purpose of this industrial visit is to help students gain first-hand information regarding the various state-of-the-art engineering materials and technologies available in the construction industry.
- Organized a one day industrial visit to water and sewage treatment plant, Tirupati for the III Year B.Tech –Civil Engineering students on 20 October 2016. Dr. D. Sita Reddy and Mr N Venkata Ramana were associated with students as faculty coordinators.
- Dept. of ME faculty (Mr. Rayudu Peyyala, Associate Professor; Dr. T. Vishnuvardhan, Associate Professor; Mr. Venkataramana. P, Assistant Professor; Mr. V. Ajay, Assistant Professor) and 80 (Final Year) students visited Mangal Industries Ltd, Puthalappattu, Chittoor Dist. on 7 October 2016.
- A one-day Industrial Visit to Wind Power Project, Rekulakunta was organized for the II Year B.Tech – EEE & I M.Tech E.P.S students on 23 December 2016 under ISTE Students Chapter. **Mr D Chinna Kullay Reddy & Mr. G Ravi Prakash** from EEE Department were associated with students as faculty coordinators
- Mr. G. Ravi Prakash, Department of EEE, organized an industrial visit to Rayalaseema Thermal Power Project at Muddanur for EEE-III students on 21 Jan 17.
- ECE I.B.Tech, II-Semester students visited National Atmospheric Research Laboratory (NARL), Dept. of Space, Govt. of India, Gadanki on 7 April 2017.

Community Service Programs

- The students of MITS, Madanapalle, along with Dr N. Kumaraswamy, Dean RRC as well as other faculty members visited '**Sri Chowdesari Old Age Home**' located at Vayalpadu, Chittoor district on 24 July 2016 to donate food to all inmates as part of a tour on practical ethics. The purpose of the visit was to invoke the mind-set of students to realize the hardship of life, and to bring awareness on the importance of elderly people in one's life and to know the joy of serving and being with them.

NSS Activities

- Madanapalle Institute of Technology & Science NSS wing and Eenadu organized plantation program (Vanbharati) in college premises on 12 July 2016 and stood first.
- Dr. K. V. V. Raaju Program officer NSS went with the students to Sangam function hall to observe the survey program. The Government of Andhra Pradesh has launched

- launched Smart Pulse Survey (SPS) for enhancing quality of services and benefit programs in two phases starting from 6 July 2016 to 31 July 2016 and again from 6 August 2016 to 15 August 2016 in the entire state. Mr. M. Viswanath, Madanapalle Municipal Commissioner, visited our college on 6 August 2016 and trained all our students in mini seminar hall.
- 'Quit India Day' was observed on August 9 2016 to mark the anniversary of quit India movement.
- NSS CELL & Department of Physical education and sports department organized 70th Independence Day celebrations (Freedom Rally and sporting) events on 19 **August 2016.**
- Vice principal Dr. G. Hampamma started the rally with a green flag and NSS program officer gave patriotic slogans. Physical Director R. Rajesh Williams with his students participated in the rally with great enthusiasm and spirits. Students also carried a banner and national flags to focus on the theme of 'YAAD KARO QURBANI'. The rally started from the college and reached **Angallu** centre and the students made a 'MANAVAHARAM' and uttered loudly the patriotic slogans showing patriotism.
- NSS Cell – MITS celebrated **Gandhi Jayanti** and **Swachha Bharat** on 2 October 2016. Dr. C. Yuvaraj - Principal MITS conveyed his wishes to all the staff members and advised students to take those who sacrificed their lives for the sake of the country. All the volunteers, after the program, participated in Swachha Bharat program and cleaned the MITS campus.
- NSS Cell – MITS celebrated Global Hand Washing Day (an annual global advocacy day dedicated to create awareness and understanding about the importance of hand washing with soap as an easy, effective, and affordable way to prevent diseases and save lives) on 15 October 2016.
- NSS Cell in collaboration with IEEE SAC AZAP – MITS organized Dr. A.P.J. Abdul Kalam's birthday celebration on 15 October 2016. Dr. C. Yuvaraj – Principal MITS, along with other officials paid tribute to Kalam. Dr. G. Hampamma, Vice principal - Administration spoke about the life of APJ Abdul Kalam and about his simplicity. The teaching and non-teaching staff and Heads of the departments also participated in the event.
- NSS Cell celebrated Rastriya Ekta Diwas (National Unity Day) and Rastriya Ekta Saptah from 31 October 2016 to 6 November 2016.
- NSS Cell organized 'National Education Day' on 11 November 2016.
- Organized 'World Aids Day Awareness Rally' on 1 December 2016.
- NSS & NCC – MITS took out a rally on '**Cashless Transactions**' on 13 December 2016

NCC Activities

NCC – MITS set up a **Trekking Camp** on 29 January 2017 at Horsley Hills. All 32-NCC cadets attended this camp. The cadets walked more than 8 km. to reach the hill. The NCC instructor and PI Staff gave instructions to the cadets on weapon training, disaster management and personality development.

Events Conducted

MITS organized an Orientation Programme for the newly admitted B. Tech students on 11 July 2016. The Principal delivered inaugural speech highlighting policies, principles, amenities, and achievements of the college. The vice principal insisted on utmost importance to discipline and responsibilities of parents. All the Heads of the Departments demonstrated their academic achievements by assuring the best academic performance to the students. Further, they explained as to how to explore opportunities to be successful in their respective fields. The Training and Placement Officer advised the students to actively participate in training programs conducted at regular intervals on campus for their successful career.

- TALENT mentoring program was conducted by departments of CSE, ECE in association with Industry Institute Interaction Cell for final year and pre-final year students for three days from 18 to 20 July 2016. The resource person of this program was Dr. Gowdara Pandu, Co-Founder & Chief Talent Mentor, TALENT Mentoring LLP Company.
- A session on the awareness of education loans was conducted on 30 August 2016 for the 1st year B. Tech/M. Tech/MBA and MCA students. The managers of 'Vijaya Bank and IDBI Bank' of Madanapalle branch for provided detailed information to our students.
- MITS hosted National Youth Festival sponsored by the Government of India on 16th-November 2016. The newly appointed Sub-Collector Ms. Vetri Selvi Madanapalle division was the chief guest. Dr. C. Yuvaraj, Principal MITS, was a special invitee to the program.

CRESCENDO - 2017:

- Dept. of Management Studies & Dept. of Computer Applications organized a '**One- Day Graduates' Meet- the Crescendo 2017**' with an overwhelming response and participation from around 700 college students from more than 30 colleges from around the Rayalaseema region on 4 February 2017.

Ashv-The race of Talent@17

A two- day National Level Techno Cultural Sports Fest was celebrated on 22 and 23 February 2017 on MITS campus.

Alumni Meet

1. Team Illuminatus organized an interaction session with an alumnus- an expert in EDA (Electronic Devices Automation), for ECE Department III B. Tech. students on 3 April 2017. Mr. Praveen Kumar Nukala, Sr. Chief Engineer, DXCorr and Mr. Srikanth Reddy, Sr. Chief Engineer, DXCorr. were the resource persons. Objectives of the session were to understand the usage of '**C Language**' to program algorithms and implement the same using Verilog Hardware Description Language and to get awareness on the core job opportunities and the required skillset to get placed in core industries.
2. Team Illuminatus organized an interactive session "**Creating Apprehension about GGK Technologies**" with the alumni who got placed in the GGK Technologies with the students of III ECE on 4 April 2017. Guest Speakers for the session were Ms. Bhavitha and Mr. Mastan. Objectives of the interactive session were to motivate the students, create awareness regarding the job roles and the kind of platforms where alumni worked in GGK Technologies.

Inauguration of Physics Research Laboratory (PRL):

Dr. C. Yuvaraj- Principal MITS Madanapalle inaugurated Physics Research Laboratory on 21 January 2017.

Department of **Physics** celebrated **31st National Science Day** on 28 February 2017 to mark the discovery of the Raman Effect by the **Indian Physicist Sir C V Raman** on this particular day in 1928. The Govt. of India has announced a particular theme for it and the current year theme is "**Science & Technology for Specially Abled Persons**".

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

UGC - Autonomous

About MITS

Madanapalle Institute of Technology & Science (MITS) is a highly promising destination for Engineering, Management and Computer Application studies in India. The Educational Academy, is now under the proactive leadership of President Sri. N. Krishna Kumar M.S. (U.S.A), and Secretary & Correspondent Dr. N. Vijaya Bhaskar Choudary, Ph.D.

MITS is committed to achieving sustainability and takes action in the light of national and global challenges. MITS continues to nurture a culture of sustainability through learning, teaching, research, partnerships and industry collaboration.

Vision

To become a globally recognized research and academic institution and thereby contribute to technological and socio - economic development of the nation.

Mission

To foster a culture of excellence in research, innovation, entrepreneurship, rational thinking and civility by providing necessary resources for generation, dissemination and utilization of knowledge and in the process create an ambience for practice based learning to the youth for success in their careers.



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- Civil Engineering (CIV)
- Computer Science & Engineering (CSE)
- Electronics & Communication Engineering (ECE)
- Electrical & Electronics Engineering (EEE)
- Mechanical Engineering (MEC)

M.Tech. Programs (Eligibility: 10+2+4)

- Advanced Manufacturing Systems
- Computer Science & Engineering
- Digital Electronics & Communication Systems
- Electrical Power Systems
- Structural Engineering

Management Program (Eligible: 10+2+3/4)

- Master of Business Administration (MBA)

Computer Applications Programs

- Master of Computer Applications (Eligible : 10+2+3)
- Master of Computer Applications (2nd Year Direct)
(Eligible : 10+2+3[BSc(Comp)&BCA])

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- Electronics & Communication Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering
- Management Sciences
- English, Mathematics, Physics, Chemistry

Madanapalle Institute of Technology & Science

UGC-Autonomous

Madanapalle – 517325, Chittoor Dist, Andhra Pradesh, India.

Ph: 08571 – 280255, 280706, Fax: 280433

Email : admissions@mits.ac.in

For Admissions :

9052077747/8008570-076/678/685/676/9100973382/9100600668

For International Admissions :

+91-9100907-314/315/ +977-9827179466

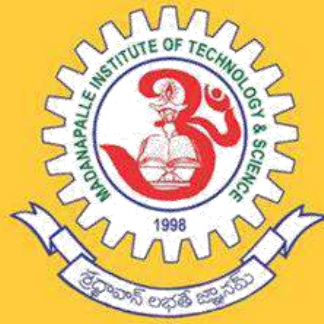


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Madanapalle Institute of Technology & Science

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Madanapalle – 517325, Andhra Pradesh, India.

Annual Report 2015-2016



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FROM THE PRINCIPAL'S DESK



At Madanapalle Institute of Technology & Science(MITS), we ensure liberated, motivating, ingenious and innovative teaching environment to nurture the future captions of technology. The conducive learning environment where holistic development is facilitated to the full through Innovative teaching and training methods is our objectives. We strongly focus on the human quality of professions along with the academic excellence and Innovation, extra-curricular and co-curricular activities to augment knowledge and skills. A state-of-the-art and up-to-date infrastructure facilities and first-rate learning ambiance are the hallmarks of this Institutes. The year 2015-16 has been one of growth of academic activities, with recognition of the achievements of our faculty.

The Annual report 2015-16 presents a fairly comprehensive account of the various academic activities of the Institute. It also describes the activities of the faculty members and researchers at the Institute. During the year under report, several interesting developments have taken place at MITS.

Since its inception in 1998, MITS has pursued excellence with steadfast determination. The alumni of MITS are bringing laurels to the Institute for their caliber and contribution. The team of faculty (the highest number of the doctorates in the region with a wide range of academic and research experience from various institutes of excellence within the country and abroad) with the support of the latest laboratories, software, systems, 24x7 backup, 150 mbps WI-FI campus, e-journals has been teaching the most updated syllabus in lines with BITS, Pilani to the modern generation of students. Hiring of more faculty members from IITs, NITs, IIITs, and central universities is in progress.

The recent publication record of the faculty (128) with several practical constraints appears to be outstanding. It includes many national and international journals of repute. The research and development program of the Institute is supported by many funding agencies within the country. Several projects have been funded by many government and industrial research bodies. Significantly, 10 faculty members have been conferred PhD.

Teamwork is the hallmark of MITS. I am very sure through collaborative effort we can achieve more to benefit our students who are the future leaders of tomorrow. At this juncture of history, MITS is poised for great things. I am confident the next year will see larger output of quality research, more publications, effective communications, and more collaborative work.

With sincere and warm regards,

PRINCIPAL

VISION MISSION AND QUALITY POLICY

Vision

Become a globally recognized research and academic institution and thereby contribute to technological and socio-economic development of the nation.

Mission

To foster a culture of excellence in research, innovation, entrepreneurship, rational thinking and civility by providing necessary resources for generation, dissemination and utilization of knowledge and in the process create an ambience for practice-based learning to the youth for success in their careers.

Quality Policy

Madanapalle Institute of Technology & Science is committed to bring out and nurture the talents and skills of youth in the fields of Engineering and Management to cater to the challenging needs of society and industry by

1. Contributing to the academic standards and overall knowledge development of the students
2. Providing excellent infrastructure and conducive learning environment.
3. Enhancing the competence of faculty and promoting R&D Programs
4. Collaborating with institutions and industries.
5. Ensuring continual improvement of Quality Management System.

MITS signed MoUs

1. MITS has signed an MoU with Holy Mary Institute of Technology & Science, Hyderabad on 11th December 2015 to provide consultancy Services worth Rs. 8 Lakh. The consultancy service to the institution does include sourcing & identifying list of Ph. D Candidates for faculty selection.
2. MITS has signed an MoU with **National Stock Exchange of India Ltd (NSE)** on 22nd December 2015. The main objective of this MoU is to bridge the gap between Academia and Industry.



3. MITS has signed MOU with ECIL, a multi-product company serving multiple sectors of Indian economy.



- **New Courses**

MITS looks ahead to make its students to be ready for the global stage and compete with the best brains in the world. Keeping this in view, MITS has introduced Foreign Languages certificate courses such as Japanese, Spanish, French & German in the Department of English & Foreign Languages.

Activities

Conferences, symposia, workshops and seminars on focus themes are vital academic activities that help stimulate discussions on different areas of importance. Many of these activities invite participation from other organizations and enhance the Institute's visibility to the outside world. The following **academic activities** were organized during 2015-16:

Conferences/Seminars (5)

National Conference

1. A **Two-day National Conference on "Wireless Communication Systems (NCWCS'16)"**, sponsored by DST-Science and Research Engineering Board, New Delhi was organized on 27-28 January 2016. The Chief Guest was **Dr. K. R. Venugopal**, Special Officer, Government of Karnataka and also Principal, Visvesvaraya College of Engineering, Bengaluru.



International Seminar

2. Department of ME organized a One -day International Seminar on **"Recent Trends in Wind Engineering"** on 29 January 2016. Chief guests were: **Prof. Yukio TAMURA**, Program Coordinator, Wind Engineering Joint Usage / Research Center, Tokyo Polytechnic University, Tokyo, Japan; **Prof. Shuyang CAO**, Professor, Department of Bridge Engineering, Tongji University, Shanghai, China;

Dr. K.N.Murugan, Scientist, National Trisonic Facility Division CSIR-National Wind tunnel Testing Center (NWTC) National Aerospace Laboratories (NAL) Bangalore.



3. A Seminar on “**How to Crack IES/GATE/PSUs in first attempt**” was arranged for III B.Tech students at MITS campus on 16 March 2016. **Mr. M. Mahipal Reddy**, Manager-Strategic Marketing & Alliances of ACE Engineering Academy, Hyderabad was the Key Speaker.

National Seminars

4. Department of EEE organized a Three-Day National Seminar on “Challenges, Approaches and Practical Implementation of Microgrids”, supported by Science and Engineering Board (SERB), Department of Science and Technology (DST), New Delhi during 28 – 30 September, 2015. **Prof. P.S. Nagendra Rao**, Professor, Dept. of Electrical Engineering, IISC, Bangalore was the Chief Guest for the programme.



5. Department of CSE & III Cell organized a seminar on **"The Device Web"** for III & IV B.Tech (CSE) students on 16th July 2015. This seminar was powered by VTS Technologies, Hyderabad.

Workshops/Training Programmes Organised (38)

Workshop on Advanced Surveying Methods

1. Department of MBA organized a four day workshop on **"National Workshop on Business Analytics- Tools, Techniques and Applications"** from 30 July – 2 August 2015
2. A two day workshop on **"Hands on Training on Labview Software"** was organized by department of EEE on 18 – 19 August 2015.
3. A two day workshop on **"Design of Jigs & Fixtures "** was organized by department of ME on 21 - 22 August 2015.
4. Department of MCA organized a two day workshop on **"Latex Technical Writing"** on 18 – 19 September 2015
5. A three day workshop on **"Challenges, Approaches and Practical Implementation of Microgrids"** was organized by department of EEE on 28 – 30 September 2015.
6. Department of ECE organized a workshop on **"Arduino"** from 14 September – 12 December 2015
7. Department of ME organized a three day workshop on **"CATIA V5 Essentials in Mechanical Engineering"** from 28 - 30 December 2015
8. A two day workshop on **"Data Science using Python "** was organized by department of MCA on 8 - 9 January 2016.
9. Department of CSE organized a workshop on **"Introduction to Scientific Computing using Python (ISCP)"** on 21 January 2016
10. A One Day Workshop on Advanced Surveying Methods was organized for II B.Tech Civil Engineering students on 4th April, 2016. **Mr. L A Rangaraju**, Sales Manager – Lawrence & Mayo, **Mr. D R Munirao**, Service Manager – Lawrence & Mayo, **Mr. R Bhagyesh**, Asst. Sales Manager – Lawrence & Mayo were the resource persons.



11. A three day workshop on "**Friction stir welding, NDT and optimization** " was organized by department of ME on 21 - 23 April 2016.

A Six Day Workshop on VLSI Design

12. "A six day workshop on VLSI Design", sponsored by TEQIP-II was organized with the aim to upgrade technical ability of the faculty members and M. Tech students in VLSI Design using various VLSI design tools. Prof. **Dr. M. B. Srinivas**, Dean, BITS Pilani, Hyderabad campus; Dr. V. Sreehari, Assistant Professor, BITS Pilani, Hyderabad campus; Mr. Sai Phaneendra P, BITS Pilani, Hyderabad campus; Mr. A. R.V. Siva Krishna Asst. Research Officer, R.R.C, MITS; Dr. Cyril Prasanna Raj, Director, Sanaris Technologies, Bengaluru and Mr. Ravi M. Tupad, Sanaris Technologies, Bengaluru were the resource persons for the workshop.

A Ten Day Training Programme on BIG DATA ANALYTICS

13. A Ten Day Training Programme on Big Data Analytics, sponsored by Big Data Initiative Division Dept. of Science & Technology (DST) was organized from 1 to 10 June 2016. The programme was inaugurated by the Chief Guest **Dr. K. N. Murty**, Professor, University of Hyderabad in the presence of the Principal, Vice Principal (Academics), HoD CSE, internal faculty members, students and external delegates.



Workshop on "MASSIVE OPEN ONLINE COURSES – MOOCS" For Principals and Faculty of Degree Colleges

14. A One Day workshop on MOOCS was organized by Dept. of Management Studies & Computer Applications for Principals & Faculty of nearby degree colleges participated in the programme.

Workshop on "Financial Inclusion – Opportunities & Challenges"

- The Department of Management Studies organized a One Day Workshop on Financial Inclusion – Opportunities and Challenges on 24th June 2016. **Sri. Manas Rajan Mohanthy**, General Manager - RBI, FIDD Hyderabad, was the chief guest.



- A Two-day Workshop on "**Testing and Characterization of Materials**" on 4th - 5th March 2016. Dr. V. Balasubramanian (Prof. & Director, Centre for Materials Joining & Research, Annamalai University) inaugurated the workshop. Dr. K. Varatharajan, former Scientific Officer, IGCAR, Kalpakkam was the Guest of Honour.



- Dept. of CSE organized an IBM TGMC Workshop on 20 January 2016. The resource person, Mr. Anish from IBM, conducted hands-on sessions on Cloud Bluemix to develop and deploy a project.
- Department of English and Foreign Languages launched **Oxford Achiever** - an online

learning and assessment system for building English language skills on 16 March 2016. Dr. C. Yuvaraj- Principal, Dr. G. Hampamma - Vice Principal, Dr. R.Thulasiram Naidu - HoD, Dept. of Humanities and Sciences, graced the occasion and inaugurated the programme.

19. Entrepreneurship Development Cell organized a One-day National Level Workshop on "**Entrepreneurship Development**" on 12 February 2016 for B. Tech.-IV students of all the branches. Sri M. Jawahar Babu, Assistant Director- District Industries Centre, Chittoor, was the resource person.
20. Department of MCA organized a Workshop "ENRICH" on 30th December, 2015. Dr.C.Yuvaraj, Principal was the Chief Guest at the Inaugural Function.
21. Department of CSE organized a Two-Day Workshop on "Wave Maker Platform" for the Faculty of MITS and Students on 20th and 21st November 2015.
22. Entrepreneurship Development Cell organized a Two-Day Work Shop "Entrepreneurship Development" on 3rd and 4th November 2015. Sri M.V. Somasekhar, Chief Manager, National Small Industries Corporation, Hyderabad was the Chief Guest and Resource Person at the Inaugural Function.
23. Department of MBA organized a work shop on 'Financial Education' sponsored by SEBI. Dr. Mohd Mujahed Ali was the Resource Person. It was inaugurated by Dr. C. Yuvaraj on 19th September 2015. The workshop was conducted for the MBA students to deliberate on the concept of thrift and savings.
24. Department of MBA organized a Four-day National Workshop on "Business Analytics – Tools, Techniques, and Applications", on the 30th July to 2nd August, 2015.

Inauguration of National Stock Exchange Certified Capital Market Professional (NCCMP) Programme

25. NCCMP was conducted for MBA I Year II Semester Students on 13th April 2016. Prof Ch. Rama Prasad Rao, Dean IIIC, Prof Rama Kumar, Vice Principal Academics, Prof. D Pradeep Kumar, Head, Department of Management Studies and Dr. Mohd Mujahed Ali, Co coordinator of the NCCMP Program, Faculty of DoMS, were present in the inauguration session of NCCMP Program.

GLOBALEDIFY LAUNCHPAD PROGRAM – 2016

26. Globaledify Launchpad Program -2016 was organized by the Department of Computer Applications for pre-final / final year MCA students from 25-04-2016 to 30-04-2016 with the support of the management. Pratian Technologies, Bangalore provided backend theoretical and technical support for the entire workshop. They provided theoretical knowledge as well as hands on experience on latest versions of .NET

Technologies. The workshop not only covered the basic concepts but also provided the skills to develop EAD applications. This would be much helpful to the students while doing their project. **Mr. Arun** and **Mr. Likith** were the resource persons.

27. Skill Development Cell aims at fulfilling the growing needs for skilled manpower across IT and it trained 115 students & 7 faculty members by arranging training programs on Mobile APP;PHP, FDP on Arduino and MIT App Development Course.
28. Department of MCA organized a workshop on "**Office Automation-MS EXCEL Basics**" for non teaching staff on 4 July 2015.
29. Department of EEE organized a workshop on "**Awareness on Solar Domestic Water Heater**" for non teaching staff on 12 October 2015.
30. Department of BSH organized a workshop on "**How We Can Stop Water Pollution**" for non teaching staff on 7 November 2015.
31. A two day workshop on "**Organizing office works through Excel Spread Sheet** " was organized by department of ME for non teaching staff on 27 – 28 November 2015.
32. Department of MBA organized a workshop on "**Financial Literacy for Women**" for non teaching staff on 11 December 2015.
33. A Two-day Training Program on "**Operational Office Communication**" was organized by department of BSH for non teaching staff on 11 – 12 December 2015.
34. Department of MCA organized a workshop on "Office Automation-POWERPOINT" for non teaching staff on 16 January 2016.
35. A Two-day Training Program on "**Barriers of appropriate and effective communication**" was organized by department of BSH for non teaching staff on 15 – 16 February 2016.
36. Department of ECE organized a workshop on "**Safety measures in Laboratory**" for non teaching staff on 14 March 2016.
37. Department of EEE organized a workshop on "**Awareness on Fire Safety**" for non teaching staff on 6 May 2016.
38. Department of BSH organized a workshop on "**Waste Management**" for non teaching staff on 21 May 2016.

1. Technical Symposia organized (8)

Civil Engineering Technical Augury

1. A National Level Student Symposium **CITA'16** was organized by the Department of Civil Engineering on 12th April, 2016. **Dr. C. Shashidhar**, Professor of Civil Engineering JNTUA, Anantapuramu, was the chief guest. The objective of this Symposium was to provide a platform where students can interact and exchange their ideas, discuss the latest technologies and implement innovative ideas in the field of Civil Engineering. On the other side it can enhance the management skills and organizational skills of the students.



MECHONANCE'16

2. A National Level Students Technical Symposium MECHONANCE'16 was conducted by the Department of Mechanical Engineering on 2nd April 2016. MECHONANCE is being organized every year with an objective of providing a platform for all innovative minds to showcase their talent. The Chief Guest for the program was **Prof. M L S Deva Kumar**, Vice-Principal, JNTUACE, Anantapuramu.



- A National Level Technical Symposium "**GMOCS-2K16**" was organized by the Department of CSE on 13th April, 2016. The symposium was inaugurated by the chief guest **Dr. S. Vasundra**, Professor & Head, Department of CSE, JNTUACE, Ananthapuramu. Vice- Principal, Dr. B. Rama Kumar, Co-ordinator Dr. M. Sreedevi & Convener Dr. V. Hanuman Kumar were present.



PHOTON'16

- Department of Basic Sciences & Humanities organized a One-Day National Level Technical Symposium PHOTON'16 on 04 April 2016. 200 papers were selected for presentation among 314 technical papers received for this symposium and 375 students from various engineering colleges participated and presented their papers. **Dr. P. S. Anil Kumar**, Associate Professor, IISc. Bangalore, was the Chief Guest.

TERA-2K16

- Department of E.E.E. organized a One-day National Level Technical Symposium "**Techno Fest on Electrical Revolutions and Advancements (TERA-2K16)**" on 31 March 2016. Prof. Nagendra Rao P.S., Professor in Dept. of Electrical Engineering, IISc. Bangalore was the chief guest.

ECLECTICA 2016

- Department of E.C.E. organized **ECLECTICA 2016**, a One day National Level Technical Symposium comprising project presentation, poster, paper presentation, coding contest, technical Quiz, group discussion. Dr. M. Chandrashekar, Senior Manager R & D, Bharath Dynamics Limited, Hyderabad was the Chief Guest.

CRESCENDO

7. Department of MCA organized a Graduates Meet CRESCENDO on 12th December 2015. Dr.C.Yuvaraj, Principal was the Chief Guest at the Inaugural Function.

SWAGAT 2K16

8. **SWAGAT 2K16**, a '**Polytechnic Students' Meet**' was organized by MITS on 26 February 2016. Paper Presentation, Technical Quiz, and Volley Ball, Throw Ball for Girls had been conducted on SWAGAT 2K16.

Campus Lecture Series Conducted (7)

1. **Recognised Research Centre (RRC)** Cell conducted a Campus Lecture on "**R for Data Science**" was conducted on 29th and 30th of June 2016 from 2PM to 5PM at CAD Lab. This lecture was attended by 36 participants on 29th June 2016 and 31 participants on 30th June 2016. The participants were Ph. D Scholars, Faculty Members and M.Tech (CSE) students. **Mrs. A. Komala**, Asst. Professor, Dept. of Computer Science & Engineering was guest speaker.
2. Department of Management Studies organized a campus lecture series on "Startup India – Insights for Innovation" on 28 January 2016. Dr. C. Yuvaraj, the chief guest of programme, inaugurated the session and touched upon the requisite qualities of an entrepreneur besides highlighting the importance of the startup India scheme and innovation.
3. RRC Cell organized a campus lecture on "**MATLAB Programming by Examples in Numerical Methods**" on 18 - 19 March 2016. Dr. Suryanarayana Raju Pakalapati delivered the lecture at CAD Lab 1. It was a hands-on training session. The audience comprised research scholars and faculty members of MITS.
4. RRC Cell organized a campus lecture on "**Overview of IPR**" on 25 February 2016. Dr. Dinesh Sharma, Dept. of ECE, was the speaker who touched upon the glimpses of the FDP on Intellectual Property Rights (IPR).
5. RRC Cell organized a lecture on "How Do We See the World: Neuroscience of Social Perception" on 16 February 2016.
6. RRC Cell organized a campus lecture on "**Right Approaches to Solve the Research Problem**" on 30 January 2016. Dr. Balaji Ganapathy and Dr. Logudurai Radhakrishnan from the Dept. of Chemistry were the speakers.
7. A Campus Lecture on GPS Technique and its Role in Earth's Atmosphere and Ionosphere Studies was given by Dr. P. S. Brahmanandam (Anand), Professor in Physics on 28th Sep 2015 from 10.30AM to 12.30PM at mini-seminar hall. The major sub topics of the lecture were introduction to GPS technique, Satellite Based

Augmentation System (SBAS), and GPS Radio Occultation Technique (GPS RO Technique). It was attended by 81 participants comprising PhD Scholars and III ECE B Section students.

8. Guest Lectures/Interaction Sessions arranged (19)

Interaction with Sri G. Thirumala Rao, Former Scientist of ISRO & GM – COMSAT

1. An Interaction session was organized for three days from 8th June 2016 to 10th June 2016, on the "Role of Faculty in Enhancing Capability of Students Industry Related Skills" inviting **Sri. G. Thirumala Rao**, Former Scientist ISRO and GM COMSAT-HCL Technologies. Emerging Technologies Applications in Electronics & Communication Engineering Opportunities and Challenges, Communication Networks and Environmental friendly green Technologies were some of the topics discussed.



2. A One Day Guest Lecture on "Microcontrollers and Applications" was organized by the department of Electronics and Communication Engineering on 6th April 2016 in coordination with the Industry Institute Interactive Cell (IIIC) and sponsored by TEQIP-II. **Mr. Chetan R P**, Director, ERT Tech. Services, Bangalore, was the resource person.
3. Department of EEE (under ISTE student chapter in coordination with the Industry Institute Interactive Cell (IIIC) and sponsored by TEQIP-II) organized a lecture on "**Automation and Control Systems**" on 28 March 2016. Mr. Bala Krishna Singam, Asst. Vice President- Essential Energy, Bangalore, was the resource person.

4. A lecture on "**Industry Expectations from Young Engineers**" was arranged on 19 March 2016.
5. A One-Day Guest Lecture on "Big Data Analytics" was organized by the department of Computer Science & Engineering on 19th March 2016 in coordination with the Industry Institute Interactive Cell (IIIC) and sponsored under TEQIP-II.
6. A lecture on "**Super Capacitors and Their Applications**" on 30 March 2016 to ECE-I students by Dr Gopinath who has worked with **SHAR center of ISRO** for 35 years.
7. A lecture on "**Live Line Maintenance of Transmission Lines**" on 6 February 2016. Sri. S. Prakash, Assistant Director, Hot Line Training Centre (HLTC), Bangalore was the resource person.
8. A lecture on "**Optical Fiber Ground Wire Technologies**" on 10 February 2016. Sri Dhananjaya Naidu , Administration Manager, ZTT India (P) Ltd., SRICITY was the resource person of the program.
9. Department of ME organized a lecture "**Research and Consultancy Opportunities in Industry**" inviting Dr. Adinarayana Namburi, a prominent technocrat in the area of Steam and Gas Turbines, on 18 March 2016.
10. A lecture on '**Emerging Technologies in Mechanical and Aeronautical Domain**' on 16 March 2016. Mr. G. V. Krishna was the resource person.
11. Department of ECE organized a lecture on "**Ideas and Innovations by Indians (Embedded Systems)**" by Mr. Praveen Kumar Thota, Embedded Test Engineer, Robert Bosch Engineering and Business Solutions, Bangalore on 20 February 2016.
12. Department of Computer Science organized a lecture on Career **Essence** on 22 January 2016 to enlighten the students on advanced technologies and how to plan their career growth.
13. Department of Management Studies organised a session on "**Union Budget 2016 - 17**" on 5 March 2016 to provide a platform for the staff and students to have a glimpse on various facets of the budget and its impact on different sectors. Dr. C. Yuvaraj, Principal, graced the occasion and inaugurated the programme.
14. Department of Management Studies organised a lecture on "**EXIM Policies and Its Impact on Organizations**" by Mr. Sreehari Ramashetty (Consultant – TCS Bangalore – India) on 19 March 2016.
15. Department of Physics organized a lecture inviting Dr. Alabhya Singh (Former Professor, IIT-Kharagpur) on awareness, motivation and career opportunities in the field of research & development to the engineering, MCA and MBA students on 20 February 2016.

16. Department of E.E.E organized a Guest Lecture on "Best Practices in Installation of Solar Water Pumping Systems & Performance Monitoring" by Sri K. Vidya Sagar Reddy, Chairman, E.C.M. & Former CMD, A.P.S.P.D.C.L. and Sri M. Devendranath Reddy, Convener, E.C.M. & Retd. S.E., A.P.S.P.D.C.L. on 16th Dec 2015.
17. Department of Mathematics arranged a Guest Lecture on "Differential Equations & Its Applications" for II B. Tech. students on 25th August, 2015. Prof. S. Srinivas, Senior Professor of Mathematics, VIT University was the resource person.
18. Department of CSE & IIIC, organized an Expert lecture on "**The Art of Co-relating Technologies**" on July 22, 2015. Mr. T. K. Venkataraghavan, Founder and CEO of Nischintha Technologies, Bangalore was the resource person.
19. Department of ME & IIIC organized a two day Guest lecture on "Career Opportunities in Various Industries" for III, IV B.Tech (ME) & M.Tech (MD) students on July 21st & 22nd 2015. Dr. Benu Madhab, Assistant General Manager, Setco Automotive Limited, Vadodara was the resource person.

1. DISTINGUISHED MOMENTS

Received Outstanding Award

MITS won the award Vijayavani – National Education Leadership Awards for Outstanding Engineering Institute in South on 12 Sep 2015.



Students Won Prathibha Award

A.M. Siva Krishna, 11691A1240 (IT) & **N. Bharathi**, 11691A0306 (ME) won **Prathibha Awards for their Academic Excellence** and received Gold Medals from **JNTUA University**.



Accreditation/Re-accreditation by NBA

Four UG Programmes offered by the departments of Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communication Engineering, and Computer Science & Engineering are re-accredited by National Board of Accreditation (NBA). MBA Programme is accredited by NBA.

MITS Hosted interactive session on the progressive work of Make in India, Digital India and Swachh Bharath Mission

MITS hosted a highly qualified interactive session on the progressive work of **Make in India**, **Digital India** and **Swachh Bharath Mission** on 8 February 2016. **Sri. Jagat Prakash Nadda**, Central Minister for Health & Family welfare, **Smt. Daggubati Purandeswari** - former Union Minister and All India BJP Mahila Morcha Spokesperson, Sri N. Krishna Kumar - the Chairman, Dr. N. Vijaya Bhaskar Choudary, the Secretary and Correspondent, Sri. Challapalle Narasimha Reddy, All India BJP Kisan Morcha Spokesperson inaugurated this momentous event.



FACILITIES

Library

The library is an integral part of our Academic Center of Excellence for teaching and learning. It has continued to build and expand its collection both in print and digital form, and design and deliver innovative services in support of teaching, learning, research and other scholarly activities taking place on the campus.

Electronic information resource as an important component of the library is growing year after year. The computer has swept the library in all its operations-storage and dissemination of information. All operations are automated using Soul Software 2.0 version from UGC-INFLIBNET, Ahmedabad. The library has been actively promoting reference and information services to its user community.

Apart from textbooks and recommended reading material prescribed for each course offered at the institute, the library houses a growing collection of research monographs, reports, multi-volume reference works, dictionaries, encyclopedias, handbooks, and so on. The library collection consists of research monographs, text books, reference books, conference proceedings, CDs, VCDs and DVDs covering the areas of academic and research interest of the Institute. The library has initiated a number of important activities and services. 2400 new volumes with titles 248 worth Rs. 9,35,742/- added this year. Nearly one hundred national and two international journals as well as 43 magazines have been subscribed.

Medical Centre

Dr. R. Chennaiah, a qualified medical practitioner, is available at the Institute from 9 am to 6:30 pm on week days to provide medical care and advice to students, staff and faculty. A trained nurse is available on a full-time basis to provide first aid and for routine medical services such as checking temperature, blood pressure, blood sugar, oxygen levels and dressing wounds. A 24-hour vehicle facility for patients is available in case of emergency. The Institute has a modest in-house pharmacy that has all kind of commonly used medicines and a blood collection centre.

FACULTY ACTIVITIES

Ph.Ds awarded

Management

1. Dr. N. Vijaya Bhaskar Choudary, *the* Secretary & Correspondent- MITS, received his Ph.D. for his thesis entitled "**Change Management Practices in Indian IT**" from JNTUA Ananthapuramu on 29 March 2016.

Faculty

2. Ramesh Reddy, Assistant Professor from the department of Mathematics received the degree of Doctor of Philosophy.
3. R. Velmani, Dept. of Electronics and Communication Engineering (ECE), received his Ph.D. for his thesis entitled "A Novel Typology Management Schemes for Effective Energy Utilization in Large Scale Mobile Wireless Sensor Networks" from Anna University, Regional Centre, Coimbatore on 18 January 2016.
4. R. Ramesh, Dept. of ME received his Ph.D. for his thesis entitled "Mechanical and Micro-structural Studies on Laser Metal Deposited Nickel and Titanium Based Aero-engine Blades" from the National Institute of Technology Tiruchirappalli, Tamilnadu on 4 March 2016.
5. Ch. Sreenivasa Rao, Dept. of ME received his Ph.D. for his thesis entitled "Parametric Investigations on the Performance of a Closed Loop Pulsating Heat Pipe" from JNTU - Hyderabad.
6. S. Javeed Hussain, Dept. of ECE received his Ph.D. for his thesis entitled "Identification and Classification of Pathologies Using MRI Images" in March 2016.
7. K. V. V. Raju, Department of Management Studies, received his doctoral degree for his thesis "Development of Sugar Industry in Rayalaseema Region" from Dravidian University on 10 October 2015.
8. Santosh Kumar Singh of EEE received his doctoral degree for his thesis "Some studies on power System Frequency and Harmonics Estimation Methods Based on Digital Signal Processing and Soft Computing Techniques" under the supervision of Prof. Nidul Sinha from NIT, Silchar on 16th September 2015.
9. A. Bala Raju, Dept of ME received his doctoral degree for his thesis " Analysis of Automobile Suspension Systems And Development Of Optimal Hydraulic Controller for Enhancing Comfort Level" under the supervision of Dr. R. Venkata Chalam from NIT, Warangal on 12th August 2015.
10. Rajendra Prasad Narne, Dept of EEE received his doctoral degree for his thesis "Enhancement of Power System, Dynamic Performance by Coordinated Design of PSS and FACTS Damping Controllers" under the supervision of Dr. P.C. Panda from NIT, Rourkela on 13th July 2015.

11. Sponsored Projects

Projects Sanctioned during 2015-16

1. Dr. S.A.K.Jilani, Professor, Dept. of ECE received Rs. 28.00 Lakhs from SCRI, DST, New Delhi for project for a period of 3 years.

2. Dr. Neti Subrahmanyam, Professor, Dept. of MBA, received Rs. 0.60 Lakhs from BSE-IPF, Mumbai for project for a period of 6 months.
3. MITS has received financial assistance of about 142.482 Lakh Rupees from different funding agencies during 2015-16 such as DST- SERB, CSRI and WoSA (Women Scientist category. A), two DST-Fast Track start up awards (Young Scientist) for Dept. of Mechanical Engineering, and one Women Scientist-A to Dept. of Physics.

4. Faculty Achievement

1. Dr. K. Thulasi Krishna participated in writing Poetry on Bharata Ratna Dr. A P J Abdul Kalam organized by Cultural club of NSS cell, JNTUA, on 31-07-2015. His poetry is identified as **one of the Best Works** by the University.

2. Publications

Book Published

Dr. R.S. Rao, Department of ECE published a book on **Microwave Engineering**, PHI, October-2015.

Book chapter

Dr.K.V.R.B.Prasad, HOD of EEE, Performance improvement of NSGA-II Algorithm by Modifying Crossover Probability Distribution

International Journals (57)

Department of ECE

1. Dr. M. Thamarai, "An Improved Image Fusion and segmentation using FLICM with GA for Medical Diagnosis." Indian Journal of Science and Technology. ISSN: 0974-5645. vol. 9. Issue 12, March 2016.
2. Dr. M. Thamarai, A Real-Time Image Mosaicing using Scale Invariant Feature Transform, Indian Journal of science and technology ISSN: 0974-5645 Vol: 9 Issue: 12. 2016/3/30.
3. Dr. M. Thamarai, Implementation of 128-bit AES algorithm in MATLAB International Journal of Engineering Trends and Technology (IJETT) Seventh Sense Research Group ISBN/ISSN: 2231 - 5381 Vol: 33 Issue: 3 2016/3126-9.
4. Dr. S A K Jilani, Variability of formants for Vowels using Autoregressive Filter Model. GESJ: Computer Science & Telecommunications ISSN 1512-1232 Vol: 47 Issue:1. 2016/3/3.
5. Dr. S A K Jilani, A Real-Time Image Mosaicing using Scale Invariant Feature Transform, Indian Journal of science and technology ISSN: 0974-5645 Vol: 9 Issue: 12. 2016/3/30. (SCOPUS).

6. Dr.S.A.K.Jilani, Variability of formants for Vowels using Autoregressive Filter Model. GESJ: Computer Science & Telecommunications. ISSN 1512-1232. Vol: 47. Issue: 1. 2016/3/31.
7. Meharaj Unnisa, G.R. Hemantha, ARM7 Based Globalized Electronic Voting Machine, IJATIR, Vol. 7, Issue 15, Oct-2015,3015-3018.
8. Lohitha Priya, C.K. Hemantha Lakshmi, Passenger Friendly Transport System Using Zigbee as Communication Medium, IJER-Online, Vol. 3, Issue 5, Sep-Oct 2015, 491-494.
9. J.L. Mazher Iqbal, J. Lavanya, S. Arun, Abnormal Human Activity Recognition Using Scale Invariant Feature Transform, IJCET, Vol. 5, issue. 6, Dec- 2015, 224-229.
10. J.L. Mazher Iqbal, V. Siva Krishna, S. Arun, Embedded System Based Air Pollution Detection in Vehicles, IJETCAS, Vol. no. 14, issue 435, Dec -2015, 286-289.
11. J.L. Mazher Iqbal, K. Muni Gayathri, Intelligent Medicine Box With Weight Management And Alerting, IJAER, Vol. no. 10, issue 87, Dec -2015, 123-129.
12. J.L. Mazher Iqbal, Heena Koushar, Automatic Vehicle Accident Detection and Reporting With Black Box, IJAER, Vol. no. 10, issue 87, Dec -2015, 139-145.
13. Saravana Kumar N Sakthisudhan K, Certain Study on Improvement of Bandwidth in 3 GHz Microstrip Patch Antenna Designs and Implemented on Monostatic Radar Approach for Breast Cancer Diagnosis in Microwave Imaging System, Journal Circuit, Systems and Computers, Vol. no. 25, issue 2, Oct -2015, 32.

Department of EEE

14. Dr.Santosh Kumar Singh, "Optimal estimation of power system harmonics using a hybrid Firefly algorithm-based least square method" Springer/2015/September 2015/ 1- 15.

Department of CSE

15. Dr. M. Sridevi, "Minimizing the Cost and Enhancing the Security for Cloud Hosting Service", International Journal on Recent and Innovation Trends in Computing and Communication, Volume 4, Issue 10, 2016, PP 49-52.
16. Dr. R. Kalpana, "TAR: TOA–AOA Based Random Transmission Directed Localization", Wireless Personal Communications, Volume 10, Issue 2, 15 March 2016, PP 889-902.
17. Dr. R. Kalpana, "Fusion for Image Based Human Age Estimation", Intelligent Automation & Soft Computing, 16 Sep 2016, PP 1-5.

- 18.** Dr. R. Kalpana, "Data Processing in Cloud with AVL Structure and Bootstrap Access Control." International Journal of Computer Science and Mobile Computing, Vol. 5, Issue. 3, March 2016, pg.486 – 491.
- 19.** Dr. V. Bhoopathy, "Web Forum Questions using Answers Retrieval Information", International Journal of Computer and Mathematical Sciences ISSN 2347 – 8527, Volume 5, Issue 6, June 2016, PP 69-72.
- 20.** G.Vennela, S.Vikram Phaneendra, "Constrained BIRCH Clustering Technique For Reducing The Internet Traffic", International Journal of Engineering Research & Management Technology (IJERMT), ISSN: 2348-4039, Volume 1, Issue 1, JANUARY 2016, PP 1-7.
- 21.** AVM Fareed Ahamed, S. Vikram Phaneendra, "Scc: Preference Based Matching For Resource Sharing And Content Filtering In Social Networks", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), ISSN: 0976-1353, Volume 19, Issue 2, JANUARY 2016, PP 118-121.
- 22.** Mr. M.V. Jagannatha Reddy, A secured and efficient query services in cloud using seed block, Vol. 4, Issue-41, ISSN: 2319-8885, oct-2015.
- 23.** Mr. K.R. K. Satheesh, User Inference Implied Queries to Reclaim Hidden Information, ISSN 2348–2370 Vol.07,Issue.14, October-2015, Pages:2693-2695.
- 24.** Mr. K.R. K. Satheesh, Improving Accuracy of Large Recommender System using Recommendation Techniques, ISSN 2348–2370 Vol.07,Issue.14, October-2015, Pages:2712-2715.
- 25.** Mr. Surya Bahadur, Resource-Diversity Tolerant: Resource Allocation in the Cloud Infrastructure Services, e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 17, Issue 5, Ver. III (Sep. – Oct. 2015), PP 19-25.
- 26.** M. V. Jagannatha Reddy & Dr. Kavitha, "Expert system to predict the type of fever using data mining techniques on medical databases", International journal of computer sciences and Engineering/issue-9/Vol-3/2015/September/165-171.
- 27.** Surya Bahadur& S. Rama Chandra, "Resource diversity Tolerent- Resource allocation in Cloud infrastructure Services", IOSR/Issue-5/Vol-17/2015/sept.
- 28.** Mr. B. Krishna Sagar, performance analysis of paas cloud computing system, Volume 3, Issue 5, September-October, 2015,ISSN 2091-2730.

29. Mr. M.Veeresh Babu, Detection of Black Hole Attack in DTN with Authentication, ISSN: 2319-7242 Volume 4 Issue 11 Nov 2015, Page No. 15024-15029.
30. Mr. M.VeereshBabu, Effective Data Centre Management Policy for Cost Reduction, Volume 5, Issue 10, October-2015 ISSN: 2277 128X.
31. Mr. M. Srujan Kumar Reddy, Fuzzy Motivated data linkage for self-adaptive systems, ISSN: 2278-1323, Vol 4, issue 9, sept 2015.
32. Mr. M. Srujan Kumar Reddy, Improving performance of queries on strings using string generation, ISSN: 0976-1353, Vol 18, Issue 1, Oct 2015.
33. Mr. M. Prabhakar, Android App Evaluation System to Find Risk Level before Installation, Vol 28, Number 3, Oct 2015.
34. Mr. ShabbeerBasha, Reducing for multimedia files using SSL protocol, Vol. 4, Issue-11,ISSN: 2278-9359, Nov-2015.

Dept of ME

35. A.Pavan Kumar, **S.Praveen Kumar, Sreenivasulu Bezawada**, Structural and vibrational analysis of Hybrid composite marine propeller, Elixir-Mechanical Dept., Madanapalle Institute of Technology & Science, 2015-Oct, 87(2015)36049-36055, ISSN: 2229-712X.
36. B.Amuilnag, **M.Vamsi krishna**, Ashwin kumar, A review on design and thermo structural analysis of wind turbine disc brake, International Journal on engineering development and research, Vol-3, Issue-4, ISSN-2321-9939, 2015.
37. **M. Vamsi Krishna**, M.Anthony Xavior, optimization of End milling parameters for AL/SIC by response surface methodology, Journal of Advanced microsopy research (ASP), Doi: 10.1166/jamr.2015.1264, Volume no:10, pages 1-11, 2015-Nov.
38. V. Nagarjuna, **G. Guru Mahesh**, Design and analysis of rear under run protection device for safety of passenger car, International journal Advanced engineering research and science, Volume-2 -Issue-11, 2015-Nov.

Department of BSH

39. B Mohan, KH Park, dept. of Chemistry, "Superparamagnetic copper ferrite nanoparticles catalyzed aerobic, ligand-Free, regioselective hydroboration of alkynes: Influence of synergistic effect, Applied Catalysis A: General."

40. G. Uma, P.S. Brahmanandam, and Y.H. Chu, Dept. Of Physics ,“A long-term study on the deletion criterion of questionable electron density profiles caused by ionospheric irregularities – COSMIC radio occultation technique”, *Advances in Space Research* 57 (2016) 2452–2463.
41. G. Sowjanya, Ch. Basavapoornima, L. Rama Moorthy, J. Kaewkhao, and C. K. Jayasankar, Dept. Of Physics, “Synthesis and characterization of red emitting Eu³⁺-doped YBO₃ Phosphor”, *Key Engineering Materials*, ISSN: 1662-9795, 675-676 (2016) 712-717.
42. Dhamodaran Arunbabu, S M Noh, J H Nam, J K Oh., dept. of Chemistry, “Thermoreversible Self-Healing Networks Based on a Tunable Polymethacrylate Crosslinker Having Pendant Maleimide Groups” *Macromolecular Chemistry and Physics*.
43. K. Seeni Meera, R. Murali Sankar, S. N. Jaisankar, A. B., dept. of Chemistry, Studies on biocompatible surface active silica aerogel and polyurethane-siloxane cross-linked structures for various surfaces, *Encyclopaedia of Biocolloid and Biointerface Science*.
44. Upadhayaya, A. K., S. Gupta, and P. S. Brahmanandam (2016), Dept of Physics, “F2 region response to geomagnetic disturbances across Indian latitudes: O(1S) day glow emission”, *J. Geophys.Res. Space Physics*, 121, doi: 10. 1002/2015. JA, 021366.
45. Ms. K. Latha, Dept. of English published a paper titled “Colonial Dilemma In The Ruskin Bond’s Room on The Roof” in *Research Scholar An International Refereed e-Journal of Literary Explorations* Volume 3, Issue 3, August 2015, ISSN 2320 – 6101, P. No. 314-317.
46. Ms. K. Latha, Dept. of English Published a paper titled “Vagrancy in Ruskin Bond’s Vagrants in the Valley” in – *The Criterion an International Journal in English* Volume 6, Issue 4 August 2015, ISSN 0976-8165, P. No. 74-77.
47. Subba Rao, V.R. Prasad, K. Harshavalli & O. Anwar Beg, *Heat Transfer and Thermal Radaiation Effects On Non-Newtonian Fluid In Variable Porosity Regime With Partial Slip*, (2015) accepted for publication in *Journal of Porous Media*.
48. Subba Rao, V.R. Prasad, N. Bhaskar Reddy & O. Anwar Beg, *Modelling Laminar Transport Phenomina In A Casson Rheological Fluid From An Isothermal Sphere With Partial Slip*, *Thermal science, Impactfactor-1.45; Vol.19, No.6, pp.1-13(2015)*.
49. Subba Rao, V.R. Prasad , N. Nagendra, K.V.N Murthy, N. Bhaskar Reddy & O. Anwar Beg, *Numerical Modeling Of Non-Similar Mixed Convection Heat Transfer Over A Stretching Surface With Slip Conditions*, *World Journal of Mechanics*, Vol.5,No.6,pp.117-128 (2015).

50. Subba Rao, V. Ramachandra Prasad, N. Nagendra , N. Bhaskar Reddy & O. Anwar Beg, Non-Similar Computational Solution For Boundary Layer Flows Of Non-Newtonian Fluid From An Inclined Plate With Thermal Slip, Accepted for publication in Journal of Applied Fluid Mechanics(2015).
51. Subba Rao, V.R. Prasad , N. Nagendra, Heat Transfer In A Non-Newtonian Jeffrey's Fluid Over A Non-Isothermal Wedge, Procedia Engineering, Elsevier, vol. 127C, pp. 775-782, 2015.
52. S. Gouse Mohiddin, K. Venkatadri, M. Suryanarayana Reddy, S. Vijaya Kumar Varma, Effects of chemical reactions on unsteady free convective boundary layer flow from a vertical cone, International Journal of Scientific and Innovative Mathematical Research, Volume 3, Special Issue 3, pp. 1049-1057, Jul 2015.
53. Dr. S. Jeelani Begum, Convexity of Minimal Dominating Functions of Quadratic Residue Cayley Graphs, International Journal of Scientific and Innovative Mathematical Research Vol. 3 Issue. 2.
54. P. Hari Prabakaran, R. Hemadri Reddy, R. Saravana, A. Kavitha & S. Sreenadh, Influence Of Elasticity On Mhd Peristaltic Transport Of A Jeffrey Fluid Through Porous Medium Channel With Heat and Mass Transfer, Advances and Applications in Fluid Mechanics, 17(1), 2015, 1-16.
55. Kavitha, R. Hemadri Reddy, R. Saravana, S. Sreenadh, Peristaltic Transport Of A Jeffrey Fluid In Contact With A Newtonian Fluid In An Inclined Channel, Ain Shams Engineering Journal, Article in Press, 2015.
56. M. Arun Kumar, S. Sreenadh, R. Saravana, R. Hemadri Reddy, A. Kavitha, Influence Of Velocity Slip Conditions On Mhd Peristaltic Flow Of A Prandtl Fluid In A Non-Uniform Channel, Malaysian Journal of Mathematical Sciences 10(1), 2016, 35-47.
57. K. Vajravelu, S. Sreenadh, P. Devaki, K.V. Prasad, Peristaltic Transport of Casson Fluid in an elastic tube, Accepted for publication in Journal of Applied Fluid Mechanics(2015).
- 58. International/National Conferences Proceedings (9)**
 1. Dr. A. R. Reddy, "Multi Precision Arithmetic Adders, Proceedings of International Conference On Computer Communication And Informatics (ICCCI -2016), Coimbatore, India. ISBN- 978-1-4673-6680-9/16, 2016 IEEE."

2. Dr. A. R. Reddy, "Performance Comparison of Network on Chip methods", Proceedings of International Conference On Innovations In Information Embedded and Communication Systems (ICIIECS'16). Mar 17. 2016. ISBN 978-1-4673-8208-3/CFP1572Z-ART 2016 IEEE.
3. Dr. Venington, Dept. of CSE, "Cloud resource allocation schemes using drip irrigation approach," 27-28 Nov 2015, ISSN: 978-0-9948937-1-0, pp.114-124.
4. Mrs. P. Rajarajeswari, Dept. of CSE, "Applying UML Modeling techniques for architecture view of electronic commerce system," 17-18 Oct 2015, ID Number: T2015-208E, Certificate No.SAISE2015A00286
5. Dr. Ganala Santhoshi, & R.J.D' Souza, Dept of MCA, "Randomly deployed mobile sensor nodes traversal schemes", 4th, International Conference on Eco-friendly Computing and Communication Systems (ICECCS - 2015), December 7-8, NITK Kurukshetra, Haryana, India, Proceedings by Elsevier Procedia Computer Science
6. Dr. A. R. Reddy, "Design and Simulation of Timer Core Using SPARTAN-3E." Proceedings of National Conference on Wireless Communication Systems Conducted by Dept. of ECE, MITS, Madanapalle, Jan. 27th – 28th 2016. ISBN-978-93-85100-27-7. pp. 63-66.
7. Dr. A. R. Reddy, "Design and Analysis of Integer Divider Using Non Restoring Division Algorithm." Proceedings of National Conference on Wireless Communication Systems Conducted by Dept. of ECE, MITS, Madanapalle, Jan. 27th – 28th 2016. ISBN-978-93-85100-27-7. pp. 163-167.
8. Dr. M. Thamarai, "Survey on Edge detection and characterization of Tumor in MRI Images using Xilinx System generator." Proceedings of National Conference on Wireless Communication Systems Conducted by Dept. of ECE, MITS, Madanapalle. ISBN-978-93-85100-27-7 Jan. 27th – 28th , 2016.
9. Dr.S.A.K.Jilani, "Teaching Methods of Braille Script" Proceedings of National Conference on Wireless Communication Systems Conducted by Dept. of ECE, MITS, Madanapalle. ISBN-978-93-85100-27-7. Jan. 27th – 28th 2016.
10. **Conferences/Seminars Attended (16)**

International conferences

1. Dr. C. Yuvaraj – Principal, Dr. B. Rama Kumar - Vice Principal (Academics), Mr. B. Sreekanth - SAO (Academics & Planning), Dr. C. Kamal Basha (Dept. of EEE), and Dr. Virendra Kumar Verma (Dept. of Physics) attended the 3rd **International**

Conference on Transformations in Engineering Education (ICTIEE 2016)

organized by IUCEE from 8 – 12 January 2016



2. Dr. G. Hari Krishnan, Dept. of ECE attended the 2nd International Conference on **"Biomedical Systems, Signals and Images-BSSI 2016"**, IIT Madras from 24 - 26 February 2016.
3. Dr. K. Venington, Dept. of CSE attended an International Conference on Enabling **'Make in India ICEMII – 2016'**, IUCEE & KLE University, Karnataka from 6 to 8 January 2016.
4. Dr. K.V.P. Chakradhar, Dept. of ME attended an International Conference on Enabling **'Make in India ICEMII – 2016'**, IUCEE & KLE University, Karnataka 6 - 8 January 2016.
5. Mr. N. Seshadri, Dept of MBA, "Comparative Efficiency of Public & Private Sector Banks in India," 6th International Conference organized by Acharya Bangalore B-School, Bengaluru, India on 17TH& 18TH December, 2015.
6. Dr. S. Jeelani Begum, Dept of Mathematics, "Convexity of Minimal Dominating Functions of Quadratic Residue Cayley Graphs," International Conference on Advances in Mathematical Sciences, organized by Sri Venkateswara University, Tirupati from 13-15, July 2015.
7. Dr. A. Subba Rao & Dr. N. Nagendra, Dept of Mathematics, "Heat Transfer In A Non-Newtonian Jeffrey's Fluid Over A Non-Isothermal Wedge," National Institute of Technology & Science, Warangal, Telangana during 30 Nov – 2 Dec 2015.

National conferences

8. R. Ram Mohan, Dept of Chemistry attended a National Conference on **"Emerging Trends in Pharmaceutical and Chemical Sciences"** at Sri Venkateswara University, Tirupati on 28- 29 March 2016.

9. Dr. N. Subrahmanyam, Dept. of MBA attended a National Conference on **"Make in India - The Economic Imperative"** at Vignana Jyothi Institute of Management, Hyderabad on 6 -7 January 2016.
10. Dr. S. Jeelani Begum, "Edge Independent Functions of Quadratic Residue Cayley Graphs," National Conference on Recent Developments in Mathematical Sciences and their Applications to Science and Technology", organized by the Dept. of Mathematics & Humanities and Science, VBIT, Ghatkesar on 11-13, December, 2015.
11. Dr.P.Devaki, "Pulsatile Flow of a Power-Law fluid in a circular tube Having internal Porous Lining," National Conference on Mathematics and Its Applications organized by Department of Mathematics Sri Venkateswara University, Tirupati during 22nd to 23rd December 2015.
12. Dr.P.Kalpana, "Maximum Likelihood Estimation for a Bivariate Stochastic Models of Multiple Sclerosis," National Conference on Mathematics and Its Applications organized by Department of Mathematics Sri Venkateswara University, Tirupati during 22nd to 23rd December 2015.
13. Dr.M.Sudhakar Reddy, "Heat Source Effects On MHD Micropolar Fluid Flow Past A Porous Vertical Plate In The Presence Of Radiation Absorption," National Conference on Mathematics and Its Applications organized by Department of Mathematics Sri Venkateswara University, Tirupati during 22nd to 23rd December 2015.
14. Dr.B.Venkateswarlu, "Effect of chemical reaction and thermal radiation on MHD mixed convective heat and mass transfer flow in a vertical channel with non-uniform concentration," National Conference on Mathematics and Its Applications organized by Department of Mathematics Sri Venkateswara University, Tirupati during 22nd to 23rd December 2015.
15. Dr.R.Saravana, "Influence of Velocity, Slip on the peristaltic Transport of a Conducting Pseudo Plastic Fluid in a Channel with Heat Transfer," National Conference on Mathematics and Its Applications organized by Department of Mathematics Sri Venkateswara University, Tirupati during 22nd to 23rd December 2015.
16. Dr.A.Subba Rao & Dr. N. Nagendra, "Thermal Radiation Effects on Oldroyd-B Nano fluid from a Stretching Sheet in a non-Darcy Porous Medium," 11-13, December 2015 at Vignana Bharathi Institute of Technology, Ghatkesar, Hyderabad.

17. Workshops /Training Programme/FDPs (85)

Department of EEE

1. Dr. Rajendra Prasad Narne, Asso. Professor attended a Workshop for Trainers on COE & t-SDI Lab Orientation & Positioning Organized by APSSDC - Siemens Skill Development Clusters Hyderabad on 18 April 2016.
2. Dr. K. Ramesh, Dept. of EEE attended 'The World Electricity Forum – ELECRAMA -2016', IEEMA from 13 – 17 February 2016.
3. Dr. C. Kamal Basha & Dr. K. Ramesh, attended a Workshop on ABET Accreditation and Program Assessment, Chennai, 28th Sep 2015
4. Mr. K. V. Satheesh Babu, attended a one-day workshop on "Awareness on Power Systems Simulation Analysis using Mi Power Software", JNTUA, Ananthapuramu, 22nd Sep 2015.
5. Dr. Rajendraprasad Narne, attended a Orientation Session on "Siemens Centres of Excellence (COE) Clusters in AP", Sri City Business Centre, Sri City, 27th Aug 2015.
6. Mr. K. V. Satheesh Babu, Mr. M. Lokanatha & Ms. A. Chandrakala, attended a one-day workshop on "Power Systems Simulation Laboratory using MiPower Software", Hotel Fortune Kences, Tirupathi, 7th Aug 2015.
7. Dr. K. Rajangam, attended a one day workshop on "Awareness on Washington Accord for Outcome Based Education", JNTUA Ananthapuramu, 4th Aug 2015.

Department of CSE

8. Mr. S. Md. Ghouse attended a workshop on "Management Capacity Enhancement Programme at IIM, Udaipur" from 7 – 12 September 2015.
9. Dr. M. Sreedevi and Mr. M. V. Jagannatha Reddy attended a workshop on "MHRD's National Mission for Teachers and Administrators Management Capacity Enhancement Programme at IIM, Indore" from 5 – 11 October 2015.
10. Mr. R. Sathiya Raj attended a workshop on "Intellectual property Rights at S V University, Tirupathi" from 18 – 24 November 2015.
11. Ms. S. Kusuma attended a workshop on "Wave Maker – Platform at MITS, Madanapalle" from 20 – 26 November 2015.
12. Mr. D. Kasi Viswanath attended a workshop on "Software Engineering at JNTUA, Ananthapuramu" from 29 January – 2 February 2016.
13. Mr. Wilson Thomas attended a workshop on "Outcome Based Learning at BITS Pilani, Hyderabad" from 26 February – 2 March 2016.
14. Dr. R. Kalpana, Dr. S. Babu and Dr. K. Veningston attended a workshop on "Big Data Analytics at MITS, Madanapalle" from 1 - 10 June 2016.
15. Dr V. Hanuman Kumar and Dr. V. Bhoopathy attended a workshop on "Internet of Things (IoT) at NIT, Warangal" from 4 – 9 June 2016.

16. Mr. M. Kiran Kumar and Ms. M. K. Nageswari attended a workshop on "Software Engineering at JNTUA, Ananthapuramu" from 17 – 28 June 2016.
17. Mr. C. Narasimha attended a workshop on "Big Data Analytics and Bio Informatics at VIT, Vellore" from 17 – 28 June 2016.
18. Dr. V. Hanuman Kumar, Associate Professor, along with four faculty members attended a six-day Workshop on *Internet of Things* organized by NIT Warangal 04-06-2016 to 09-06-2016.
19. Mr. Jagan Mohan Reddy, Assistant Professor, attended a one-day Conference on the topic *Ibm Developer Connnect 2016* KTPO, Bangalore 17 June, 16.
20. Mr. G. R. Hemanth Kumar, SAO - Systems attended a training Program on *Wireless Network Administration: Professional Development Program* organized by Engineering Staff College of India (ESCI), Hyderabad from 20-06-16 to 22-06-16.
21. M.V. Jagannath Reddy, "Management capacity enhancement programme", IIM Indore, 16 -22 Nov 2015.
22. Y.C.A Padmanaba Reddy & D. Kasiviswanath "APSDC-NASSCOM (data analytics)", CR Rao institute, Hyderabad, 7-11 Dec 2015.
23. Ms. A. Komala, Research Officer-RRC & Asst. Professor, Dept. of CSE, MITS attended a three day TEQIP-II sponsored FDP on Intellectual Property Rights (IPR) at SVU College of Engineering, Tirupati during 18-20 Nov 2015.
24. Y.C.A. Padmanabha Reddy, Workshop-NSQF(National Skill Qualification Framework), Hyderabad, 23rd Sep 2015.
25. S. Kusuma, Workshop-IEEE Role of women in Engineering, JNTUA, Ananatapuram, 19th Sep 2015.
26. Mrs. A. Komala, Management Capacity Enhancement Programme, IIM Udaipur, Udaipur, 7th - 12th Sep 2015.
27. G. Hemanth Kumar Yadav, Awareness on IT/ITES Job Roles & Data Analytics,
28. S.M. Farooq, Ten day Faculty Development Program on DBMS, NIT Warangal, 17 - 27 Aug 2015.
29. Y.C.A. Padmanabha Reddy, Workshop on Data Analytics Organized by Education APSSDC, Hyderabad, 3rd Aug 2015.

Department of ME

30. T. Venugopal, K. Lokesh Babu , and V. Veera Brahmachari, Dept. of ME Two-day Staff Development Programme on "**CNC Programming Hands-on Experience**", Sri Vidyanikethan Engineering College, Tirupati, 4 – 5 March 2016.
31. Dr. I. Arun, Dept. of ME attended a Two-day Workshop on "**Patent Information Cell**" at Sri Padmavathi Mahila Visvavidyalayam (Women's University), 30 - 31 March 2016.

32. Dr. John Baruch. L, Dept. of ME attended a One-day Workshop on NPTEL (National Programme on Technology Enhanced Learning), IIT Madras, 11 January 2016.
33. Dr. R. Ramesh, Dr. S. Baskaran, Dr. Ganesa Balamurugan, Mr. G. Guru Mahesh and Mr. P. Meghashyam, attended a Six-day Workshop on the topic Advanced Materials & Manufacturing Methods Conducted by Department of MME, NIT, Trichy, Tamilnadu, from 6 -6-16 to 11-6-16.
34. Mr. Sreenivasulu Bezawada and Mr. S. Praveen kumar, Assistant Professors, attended A Six-Day Workshop on the topic Concepts & Applications of the Finite Element Method Organized by IIT Hyderabad from 13 to 18th of June 2016.
35. Mr.T. Venugopal, Mr. K. Lokesh Babu and Mr. V. Veera Brahmachari, Lab Assistants - Dept. of ME attended a Two- day Staff Programme "CNC Programming Hands- Experience" by Mechanical Engineering Department of Sri Vidyanikethan Engineering College, Tirupati on 4 - 5 March 2016.
36. Dr. T. Vishnu Vardhan, Associate Professor, Dept. of Mechanical Engg., MITS attended a three day Faculty Development Program on "CATIA V5 Essentials in Mechanical Engineering" under ISTE Chapter Sponsored by TEQIP II, organized by Department of Mechanical Engineering & IIIC in association with EDS Technologies, Bangalore during 28 – 30 December 2015.
37. Dr. B. Eswar Kumar, Integrating Projects and Design in Core Engineering Courses, BMS College of Engineering, Bangalore, 20th July 2015.

Department of ECE

38. Dr Shaik Javeed Hussain, Mr. S A K Jilani, Mr. R. Ravindraiah and Mr. J. T. Pramod attended a workshop on "Arduino organized by APSSDC" from 14 October – 12 December 2015.
39. Dr. M Thamarai, Mrs. G. R. Hemantha, Mr M. Karthikeyan, Mr. S. Arun, Ms. C. K. Hemantha Lakshmi, and Dr R. Basuki attended a workshop on "VLSI Design organized by the department of ECE at Madanapalle Institute of Technology and Science, Madanapalle." from 30 May – 4 June 2016
40. Dr. R. Velmani, Senior Assistant Professor, Dept. of ECE attended a one-Week Workshop on *Introduction to Cryptology* organized by National Institute of Technology, Tiruchirappalli 30 May - 4 June 2016.
41. Dr. G. Hari Krishnan, Mr. M. Jagadeesh Babu, Mr. S. Arun & Mr. J. T. Pramod, Assistant Professors attended Two-Day Workshop on *Embedded System Design using MSP430* organized by Dept. of ECE, JNTU College of Engg., Ananthapuramu from 24-06-16 to 25-06-16.
42. Dr. Rajendraprasad Narne, Associate Professor, attended a national conference on "Large Scale Multi-disciplinary Systems of National Significance: Trends & Challenges"

organized by ISSE Sriharikota – Chennai chapter & SDSC SHAR, Sriharikota from 24-06-16 to 25-06-16.

43. Mr. V. Chandrasekhar, Lab Assistant, attended a workshop on the topic INUP Familiarization Nanofabrication Technologies organized by Indian Institute of Technology, BOMBAY (IIT-B) from 25-05-2016 to 27-05-2016.
44. Mr. V. Satish Kumar from the Dept of ECE attended a Five-day Faculty Development Programme on 'Advanced Digital Signal Processing' at NIT, Warangal from 22 - 26 February 2016.
45. Dr. Dinesh Sharma, Dept. of ECE attended a Training Program on "Intellectual Property Rights (IPR)" initiated by SPFU (AP) on 27- 29 January 2016.
46. Dr. Gautam Narayan and Mr. B. Vamsi Krishna, Dept. of ECE visited Satish Dhawan Space Centre, Sriharikota Range (SDSC-SHAR) on 25 February 2016.
47. Dr. G. Hari Krishnan, Conference BSSI -2015 presented paper on Heart Rate Extraction from Electrical Bio-impedance Signal, IIT, Madras, Dec-2015.
48. Mr. G Sambasiva Rao, Asst. Professor, Dept. of ECE, MITS attended Faculty Development Programme on "Lines, Fields & Waves: The Transmission of Energy" during 14 - 24 December 2015 organised by Electronics & ICT Academy, NIT Warangal at Sri Vasari Engineering College, Tadepallegudem.
49. G. Subba Rao and G. Rajiv, Workshop on MEMS & NEMS Design & Fabrication, IIT, Hyderabad, 14- 18 Dec 2015.
50. P. Sravan Kumar, B. Vamsi Krishna & G. Sambasiva Rao, Workshop on Wave Maker-Platform, MITS, Madanapalle 20-21- Nov-2015.
51. Sai Kumar V, Management Capacity Enhancement Programme for Administrators, IIM Lucknow, 24th - 28th Aug 2015.
52. C.K.Hemantha Lakshmi & B. Vamsi Krishna, one day National workshop on "IC Applications using ASLK Kits", JNTUA, Ananthapuramu, 15th July 015.

Department of Civil

53. Dr. M. Chittaranjan, Dept. of CE attended a Two-day Workshop on "Precast Construction Practices in India" at IIT Madras on 12 - 13 February 2016
54. Dr. M. Chittaranjan attended a workshop on "Induction Program at Madanapalle Institute of Technology and Science, Madanapalle." from 25 January – 10 February 2016
55. Dr. M. Chittaranjan, one day National workshop on "Evaluation of Soil Parameters for Numerical Modelling", IIT Madras, Chennai, 4th July 2015.

Department of MBA

56. Dr. R. Varadarajan, Employability Enhancement Program - Phase I, Data Analytics – Round II, APSSDC & SSC & NASSCOM, HITEC, Hyderabad, 3rd Sep 2015.
57. Dr. MohdMujahed Ali, Contemporary Issues and Challenges in International Financial Markets, Warangal, 22nd -23rd July 2015.
58. Dr. K V V Raaju, NSS Programme Officer, attended an Orientation Training Programme for NSS Programme Officers organized by NSS ETI, Andhra University, Visakhapatnam from 23 to 29 January 2016.

Department of Computer Applications

59. Mr. K. Venkatasubbaiah and Mr. S.G. Shrinivas attended a Faculty Development Program on “Database Management Systems at NIT Warangal” from 17 – 27 September 2015.
60. Mr. V. Maruthi Prasad attended a workshop on “Management Capacity Enhancement Program at IIM Indore” from 5 – 11 October 2015.
61. Mr. B. Gopal Rao attended a Faculty Development Program on “Object Oriented Analysis and Design at NIT Warangal” from 20 – 31 May 2016.
62. Dr. N. Naveen Kumar attended a workshop on “Internet of Things (IoT) at NIT Warangal” from 4 – 9 June 2016.
63. Mr. P. Althaf Ali attended a workshop on “Data Analytics and Cyber Security” at Annamacharya University, Guntur” from 6 – 10 July 2016.
64. Dr. S.V.S. Gangadevi attended a workshop on “APSSDC - NASSCOM at Acharya Nagarjuna University, Guntur , AP” from 6 – 10 July 2016.
65. Dr. Ganala Santoshi, Assistant Professor, Dept. of MCA attended a program- Management Capacity Enhancement Programme for Administrators organized by IIM Tiruchirappalli - Chennai Campus from 20-06-16 to 24-06-16.

Department of BSH

66. Mrs. D. Athar Samina Khan attended a workshop on “Enhancing Management and Administrative Effectiveness for Administrative Heads of Institutes of Higher Education organised by MHRD (Ministry of Human Resource Development) at IIM Lucknow, Noida” from 5 – 9 October 2015.
67. Dr. P. Seshagiri Rao attended a workshop on “Business Analytics-Tools, Techniques & Applications organized by MITS Madanapalle” from 30 July – 2 August 2015
68. Mr K. Srinivasa Rao attended a workshop on “Multivariate Data Analysis organized by Aurora's PG College, Hyderabad” from 22 – 28 February 2016

69. Dr. Virendra Kumar Verma attended a workshop on "Transformations in Engineering Education (ICTIEE 2016), at College of Engineering, Pune, India" from 8 – 12 January 2016
70. Dr. Ramesh E V V attended a refresher Course on "Recent Advances in Chemistry at A. S. College, Jharkhand" from 14 – 26 December 2015
71. Dr. Chandramohan K attended a workshop on "Management Capacity Enhancement Program at IIM Trichy" from 16 – 20 November 2015
72. Dr. R. Logudurai, Dr. K. Chandramohan Assistant Professor, attended a Six-day Workshop on "Energy Conversion and Storage" (ECS-2016) organized by IIT Hyderabad from 09-05-16 to 14-05-16.
73. Dr. P. Seshagiri Rao, Dept. of Humanities and Sciences, attended a One-day Faculty Development program on "Using Blended MOOCs" at IIM Bangalore on 13 February 2016.
74. Dr. A. Subba Rao, Dept of Mathematics attended a National Level Workshop on "Business Analytics – Tools, Techniques and Applications" organized by Department of Management Studies, during 30th July – 2nd August 2015 at MITS, Madanapalle, Andhra Pradesh
75. Dr. P. Sree Brahmanandam, Physics Dept, Workshop on "International Reference Ionosphere 2015 (IRI 2015)" King Mongkut's Institute of Technology Ladkrabang (KMITL), Bangkok, Thailand 09 – 13 November 2015.
76. Mr. A. R. V. Siva Krishna, Workshop on "Modelling, Simulation and Characterization of Nano-Transistors", IIT-Kanpur, 26 – 30 Oct 2015.
77. Dr. S. Victor Vedanayakam, Workshop on "Management Capacity Enhancement Programme (MCEP)", IIM Tiruchirapalli, 12 – 16 October 2015.
78. Dr. P. Venkateswarlu, IELTS, Train the Trainer, British Council, Chennai, 29 - 31 July 2015.
79. Mr. P. Ramesh Reddy, Management Capacity Enhancement Programme for Administrators, IIM Lucknow, Noida Campus, 27th - 31st July 2015.
80. Dr. R. Thulasiram Naidu, Child Rights and Business Principles, Coimbatore, 17 July 2015.

IIIC

81. Dr. Ch.Rama Prasada Rao, Siemens Centres of Excellence (COE) Clusters in AP, Sri City Business Centre, 27 Aug 2015

Inter-department

82. Mr J T Pramod (ECE) & Dr Y Ch Venkateswarulu (NPTEL), visited IIT Madras on 19th Sep 2015.

83. V. Ajay, Dept. of ME, N.Sudhakaryadav, Dept of CSE, attended a workshop on the topic Employment, Entrepreneurship and Research opportunities in India, Organized by Society for Advancement of Aerospace Propulsion (SAAP), Bangalore from 2-3-16 to 3-3-2016.
84. Prof. B. Rama Kumar and 23 faculty (departments of ECE, ME, Civil & CSE) a Two-day Workshop on "Outcome Based Learning" for MITS Faculty at BITS, Hyderabad- Campus on 26 – 27 February 2016.
85. Dr. I. Gopinath, Associate Dean, IIIC, along with Dr. P. Suryanarayana Raju, and Dr. B. Eswara Kumar, Dept. of ME visited M/S Nagarjuna Fertilizers & Chemicals Ltd., (NFCL) Plant KAKINADA, on 5 - 6 February 2016.

New Faculty joined MITS Family

1. Dr. Logudurai Radhakrishnan (D. Sc. from Tohoku University, Sendai, Japan) joined the Dept. of Chemistry as Assistant Professor on 4 January 2016.
2. Dr. C. Vijay Kumar (Ph.D. from S. K. University, Ananthapuramu) joined the Dept. of Computer Applications as Assistant Professor on January 18, 2016.
3. Dr. K. Ganesa Balamurugan (Ph.D. from Pondicherry Engineering College) joined the Dept. of Mechanical Engineering (**ME**) as Senior Assistant Professor on 20 January 2016.
4. Dr. B. Chandra Mohan (Ph.D. from Anna University) joined the Dept. of Computer Science & Engineering (**CSE**) as Associate Professor on 1 February 2016.
5. Dr. S. Vinoth Kumar (Ph.D. from Anna University) joined the Dept. of ME as Senior Assistant Professor on 1 February 2016.
6. Mr. K. G. Thirugnanasambantha joined the Dept. of ME as Assistant Professor on 15 February 2016. He has recently submitted his Ph.D. thesis at the National Institute of Technology, Tiruchirappalli.
7. Mr. S. Tipu Rahaman (M. Tech. from Sri Venkateswara Institute of Technology and Science) joined the Training & Placement Cell as an Aptitude Trainer on 29 February 2016.
8. Dr. K. Lakshmi Devi (Ph.D. from Sri Venkateswara University, Tirupati) joined the Dept. of English and Foreign Languages as Assistant Professor on March 5, 2016.
9. Mr. B. Bhaskar (M. Tech. from Madanapalle Institute of Technology and Science - JNTU Anantapur) joined the Dept. of Computer Science & Engineering as Teaching Assistant on 9 March 9 2016.
10. Mr. Purna Chandra Sai joined as Additional Site Engineer on January 11, 2016.

STUDENT ACTIVITIES

1. Industry visit

1. One- day Industrial Visit to RTPP, Muddanur was organized for the 3rd Year B.Tech - EEE students under ISTE Students chapter on 27 February 2016.



2. The students of IV B.Tech ECE along with the faculty members visited Satish Dhawan Space Centre, Sriharikota Range (SDSC-SHAR) on 25 February 2016.
-
2. One-day Industrial Visit to Kalyani Dam, near Tirupati was organized for the 2nd Year B.Tech – Civil Engineering students on 31 March 2016.
-
3. **Workshops/Symposia Attended**
 1. P.Naveen Kumar (13691A03A2), M.Nagarajuna Reddy (13691A0396) & P.Keshva Reddy (13691A0361), attended Ginserv, Bengaluru held on 3 Oct 2015.
 2. G.Nihanth Kumar (13691A03A7), P.Kishore Kumar (13691A0325), P.Naveen Kumar(13691A03A2), M.Nagarajuna Reddy(13691A0396), P.Keshva Reddy(13691A0361) attended Yantra -15 JNTUA, Pulivendula held on 8 & 9 Oct 2015.
 3. M.Jagadish Murthy(13691A0348) won 1st Prize at Yantra -15, JNTUA, Pulivendula held on 8 & 9 Oct 2015.
 4. K.Praveen Kumar(13691A03B5) & G.Sharif(14695A0314) won 3rd Prize at RoboZest, Houston,U.S.A, held on 9&10 Oct 2015.

5. Placements

The contribution of Training and Placement Cell is always conspicuous. It aims at imbuing Soft Skills, Aptitude and logical reasoning in the students. It opens the door to reputed companies for recruiting the precocious candidates.

| S.No. | Name of the company | On Campus Drive | No.of. students |
|-------|--|------------------------------|-----------------|
| 1 | Biztime IT solutions Pvt Ltd, Bangalore | 23rd December, 2015. | 46 |
| 2 | Wipro | 02nd December, 2015. | 09 |
| 3 | INET Technologies | 06th November, 2015 | 12 |
| 4 | Mindtree | 30th October, 2015. | 01 |
| 5 | IGATE, | 12th October, 2015 | 43 |
| 6 | CGI | 27th October, 2015. | 07 |
| 7 | Glennwood | 17th October 2015. | 05 |
| 8 | NTTDATA | 13th October 2015 | 12 |
| 9 | Retail-on | 22ndSeptember, 2015. | 01 |
| 10 | Techmahindra | 28 th August 2015 | 16 |
| 11 | SAP LABS | 14th May 2015 | 01 |

6. Students' Internships

The following is the detail of the students perceived Internships in various companies:

1. Three for TechO2,
2. One for Toyama Power tools,
3. Two for Mukunda Foods,
4. Forty six for Biztime software (from College-Remote),
5. Six for Vinzone Technologies,
6. Ten for Accelerada (from College-Remote).
7. Scholarships

APSMFC:Merit -Cum-Means- Scholarship

| S.No | REG.NO | Name |
|------|------------|------------------------|
| 1 | 15699A0530 | R.S.MANSOOR |
| 2 | 15691A0579 | S.M.RAZAELAHI |
| 3 | 14699A0502 | SHAIK SADIQ HUSSAIN |
| 4 | 15691A0388 | SHAIK MOHAMMAD ANSARI |
| 5 | 15691A03G4 | KALLURU SHAIK SAMDHANI |
| 6 | 13691A0384 | K.MD.FAIZAN BASHA |
| 7 | 14691A0390 | S.MUZFAR HUSSAIN |
| 8 | 14691A0383 | K.MOHAMMED KAIF |
| 9 | 14691A0243 | S.MOHAMMED ABDUL |
| 10 | 15695A0314 | SHAIK NASEER HUSSAIN |
| 11 | 15691A0390 | K.MOHAMMED MUZAHID |
| 12 | 15691A03G2 | SHAIK MAHAMMAD ZAID |

MHRD: BOARD OF INTERMEDIATE EDUCATION

| S.No | REG.NO | Name |
|------|------------|--------------------------|
| 1 | 13691A04E6 | J.RAMASREE |
| 2 | 13691A04L3 | TEJA.S |
| 3 | 13691A0215 | LAKSHMI PRASANNA.MADDIKE |
| 4 | 13691A0252 | VENKATA SAI.C |
| 5 | 14691A04L3 | B.VISHNUPRAKASH |
| 6 | 14691D6808 | M.P.PRIYANKA |

PM's For Central Armed Police Forces and Assam Rifles(PMSS)

| S.No | REG.NO | Name |
|------|------------|-----------------------|
| 1 | 14691A0415 | L.ASWINI |
| 2 | 13691A04I0 | B.SINDHUJA |
| 3 | 15691A0120 | K.HEMADRI |
| 4 | 15691A04E6 | U.R.TANUJA |
| 5 | 14691A03A9 | E.PRAVEEN |
| 6 | 15691A0394 | SYED MOHD ABDUL KAMIL |
| 7 | 14691A03F1 | SATISH REDDY.GONGATI |
| 8 | 13691A0364 | M.KRISHNA CHAITANYA |

ALUMNI ACTIVITIES

1. Alumni Reunion Meet

2. MITS Alumni Association organized an Alumni Meet on the 19th of March 2016. More than 60 alumni from various batches from 2003 to 2015 passed out attended the meet.

Invited Lectures

Ms. Navya, MBA Alumni, 2013-15 batch is currently working as *Tax Analyst* in *Microsoft* came to the department by accepting our invitation on 18th April 2016. The session started at 12:20 pm with introductory speech from Dr. D. Pradeep Kumar, Head, Department of Management Studies.



- MITS Alumni Association - Dept. of CSE organized a lecture on "**Effective Functional Testing**" by Mr. L. Chandras, Test Engineer- Aricent Company, on 20 February 2016.
- MITS Alumni Association -Dept. of CSE arranged a lecture by Mr. Lokesh (an MITS alumnus - software engineer, Global Automation Pvt. Ltd) on 26 February 2016. He gave some tips on Aptitude, Technical and HR rounds for placements and briefly explained about the technologies that are used for Testing:- Junit, J meter, QTP etc.

COMMUNITY SERVICE ACTIVITIES

1. Workshop on Financial Education for Self Help Groups

A Workshop was conducted to Self Help Group members of Angallu Mahila Samakhya members. Dr. Rama Kumar, Vice Principal Academics, Dr. Pradeep Kumar, Head, Department of Management Studies, Prof. Rama Prasad Rao, Dean IIIC were present in the inaugural session. The session was handled by Dr. Mohd Mujahed Ali, and 60 participants attended the program.

2. I B. Tech. Civil Engineering students accompanied by Dr. N Kumara Swamy, Dean (RRC), Dr Ravi Srinivasa Rao, Professor, Sri G. Sambasiva Rao, Assistant professor, Sri G. Subba Rao Teaching Assistant in dept. of ECE, Mr G. J. Kumar, Teaching

Assistant and Mr. S. Shadhiq, Programmer from CSE department visited Chaitanya Orphanage and Rehabilitation Centre at Burma street, Madanapalle on 31 January 2016 (Sunday) to donate food to orphans.

3. II B. Tech. Civil Engineering students, accompanied by Dr N. Kumara Swamy, Dean RRC along with other faculty of MITS visited Sai Chaitanya Sravanthi orphanage on 20 March 2016 to donate food to orphans.



1. Dr N. Kumara Swamy, Dean (RRC) and Mr K.V.V.Raaju, NSS P.O along with II B. Tech ME students visited **Chaitanya Orphanage and Rehabilitation Centre** at Burma street, Madanapalle on 11th October 2015 to donate food to orphans.

Donation for National Foundation for Communal Harmony

(An autonomous organization with the Ministry of Home Affairs, Govt. of India)



As a part of CSR the National Service Scheme (Ap-07-005), MITS staff and student volunteers contributed Rs. 22,500.00 for the children to observe the Communal Harmony Campaign Week during 19 - 25 November 2015.

NSS ACTIVITIES

SECOND INTERNATIONAL YOGA DAY CELEBRATIONS

1. Second International yoga day was celebrated at MITS, Madanapalle on 21st June 2016. On this occasion eminent personalities from MITS shared and cherished their experiences. Dr. Ram Kumar, vice principal, said that Yoga is an invaluable gift of ancient Indian tradition.



2. 153rd birth anniversary celebrations of Sri Vivekananda was Organized on 12 January 2016. Mr. K Satyanarayana, life member of Bharatiya Vidya Bhavan- Vivekananda Kendra, Kanyakumari was the chief guest.



1. Science Day Celebrations @ MITS was organized on 28 February 2016.



2. Mega Blood Donation Camps were organized on 17 March 2016 & 29 October 2015.



3. Sardar Vallabhai Patel's 140th Birthday was celebrated on 31st October 2015



4. Gandhi Jayanti was celebrated on 2nd October 2015



1. First Anniversary Celebration of "Swachh Bharat" was organized on 14th November 2015



2. NSS unit organized a Training Program for Girl Students "SELF DEFENCE", 9 - 10 September 2015.



3. NSS unit organized World Anti- Suicide Day "Life Matters" on 10 September 2015. Mr. B. Subba Reddy, Executive Engineer, Panchayat Raj, Madanapalle was the Chief Guest.

Mega Medical Health Camp was conducted at Bharat Kalyana Mandapam, Angallu on 6 August 2015 in the presence of **Sri A. Mallikarjuna**, Deputy Collector of Madanapalle , IAS and **Sri Muni Pratap**, Tahasildar of Kurabalakota .



SPORTS

SPORTS

- Dept. of Physical Education organized **JNTUA Inter University Men Handball Camp** from 28 Dec 2015 – 02 Jan 2016 at MITS Campus. Dr.C. Yuvaraj, Principal, distributed JNTUA uniforms to all the selected handball players.
- MITS organized JNTUA South Zone Inter University Camp For Handball Men Team during 28 Dec 2015 – 02 Jan 2016.
- Students participated in Autonomous Engineering College Tournament at N.B.K.R. Institute of Science and Technology, Nellore during 19 – 21 Dec 2015.
- Students participated in **Eenadu Champions Cricket Tournament** organized by Eenadu Paper, Chittoor on 26 Dec 2015.
- MITS organized friendly match for MITS Handball players with JNTUA inter University players in MITS on 28 Dec 2015.
- 12 students were selected for **JNTUA Inter university Handball team** held on 18 Sep 2015.
- G.Shiva Krishna of I.B.Tech. was selected for **JNTUA Inter university Kabadi team** on 19 Sep 2015



SIGNIFICANT EVENTS

18th Annual Day Celebrations

Annual Day is an epilogue of an academic session. It brings a beautiful climax to the various enriching events held throughout the year. It is a ceremony to celebrate the culmination of a learning process. MITS celebrated its 18th Annual Day on 13th of April, 2016 with great enthusiasm. **Dr. N. V. R. Naidu**, Principal and Professor at M. S. Ramaiah Institute of Technology was the esteemed Chief Guest.



National Level Cultural and Sports Fest

1. To showcase the talents in arts and music our institution organizes the cultural fest ASHV every year. It acts as a platform to the students to improve their skills in dance, music and other fine arts. **Ashv-The race of Talent@16**, a Two -day National Level Cultural and Sports Fest was celebrated on 11- 12 March 2016 on the campus grounds. Mr. Ashwin Babu, Mr. Phanikanth and playback singers Mr. Mallikarjun and Mrs. Gopika Poornima were the invited celebrities. Students from other engineering colleges took part in the fest.



National Voters Day

National Voters Day was conducted on 25 January 2016 with the opening remarks by the Principal Dr. C. Yuvaraj emphasizing on the importance of vote.



National Mathematics Day

Dept. of Mathematics celebrated "National Mathematics Day" on 22nd December, 2015 on the eve of 128th birthday of great mathematician Srinivasa Ramanujan. The department has felicitated Dr. V. Ramachandra Prasad, Professor, Dept. of Mathematics for his good number of publications.

Engineers' Day

Departments of Civil Engineering organized Engineers' Day Celebrations on 15 Sep 2015

Awareness Programmes on Anti-Ragging

1. On 25 August 2015, an awareness program on Anti Ragging held in the MITS campus for II, III & IV year B.Tech students. II Additional District Judge of Madanapalle Dr.S.S.S. Jaya Raju, MA (Sociology), PhD (Criminology) LLM (Constitutional Law) was invited as speaker on the occasion. The program was started at 9:40AM in the presence of the program coordinator Dr. R. Thulasiram Naidu, HoD, Dept. of Humanities and Dr. C. Yuvaraj, the Principal of MITS.
2. Department of Basic Sciences & Humanities conducted an Anti-Ragging Awareness Programme for I, II & IV B. Tech Students on 04 August 2015. Guest of Honour was Sri. Rishikesh Garu – Circle Inspector of Police – Molakalacheruvu. Chief Guest was Sri. Narayana Swamy Reddy - Deputy Supt. Of Police – SC – ST Cell, Madanapalle.

1. World Youth Skills Day

World Youth Skills Day was organized by Skill Development Centre on 15th July 2015. In Phase I, 40 students participated in the 2 week training program and every student developed the Mobile APP on their own. In those two Mobile Apps, cheyutha and Smart Village developed by MITS students have won the best Apps by APSSDC at the end of the training. In Phase II, SDC provided the training for developing the Projects for Final Year CSE, IT and MCA for 2 months. 55 students took part and completed successfully. Government has selected ICDS Project which was developed by our students of SDC.

2. Orientation Programme

Orientation Programme for I B.Tech Students was organized on 23rd July 2015. The Guest of honor Dr. B. N. Yuvaraj stressed the significance of industrial education to attaining good placements in future. The honorable Chairman Sri N. Krishna Kumar delivered his speech on the role of students and parents. The Vice Principal delivered her speech by giving ample importance to discipline and regularity of attendance.





Madanapalle Institute of Technology & Science

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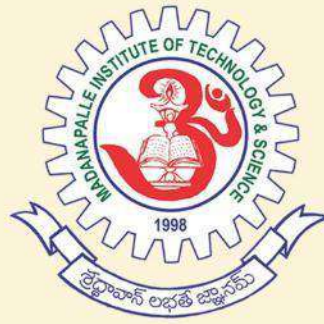
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Madanapalle Institute of Technology & Science

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Madanapalle – 517325, Andhra Pradesh, India.

Annual Report 2014-2015



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FROM THE PRINCIPAL'S DESK



At Madanapalle Institute of Technology & Science(MITS), we ensure liberated, motivating, ingenious and innovative teaching environment to nurture the future captions of technology. The conducive learning environment where holistic development is facilitated to the full through Innovative teaching and training methods is our objectives. We strongly focus on the human quality of professions along with the academic excellence and Innovation, extra-curricular and co-curricular activities to augment knowledge and skills. A state-of-the-art and up-to-date infrastructure facilities and first-rate learning ambiance are the hallmarks of this Institutes. The year 2014-15 has been one of growth of academic activities, with recognition of the achievements of our faculty.

The Annual report 2014-15 presents a fairly comprehensive account of the various academic activities of the Institute. It also describes the activities of the faculty members and researchers at the Institute. During the year under report, several interesting developments have taken place at MITS.

Since its inception in 1998, MITS has pursued excellence with steadfast determination. The alumni of MITS are bringing laurels to the Institute for their caliber and contribution. The team of faculty (the highest number of the doctorates in the region with a wide range of academic and research experience from various institutes of excellence within the country and abroad) with the support of the latest laboratories, software, systems, 24x7 backup, 150 mbps WI-FI campus, e-journals has been teaching the most updated syllabus in lines with BITS, Pilani to the modern generation of students. Hiring of more faculty members from IITs, NITs, IIITs, and central universities is in progress.

The recent publication record of the faculty (128) with several practical constraints appears to be outstanding. It includes many national and international journals of repute. The research and development program of the Institute is supported by many funding agencies within the country. Several projects have been funded by many government and industrial research bodies. Significantly, 9 faculty members have been conferred PhD.

Teamwork is the hallmark of MITS. I am very sure through collaborative effort we can achieve more to benefit our students who are the future leaders of tomorrow. At this juncture of history, MITS is poised for great things. I am confident the next year will see larger output of quality research, more publications, effective communications, and more collaborative work.

With sincere and warm regards,

PRINCIPAL

VISION MISSION AND QUALITY POLICY

Vision

Become a globally recognized research and academic institution and thereby contribute to technological and socio-economic development of the nation.

Mission

To foster a culture of excellence in research, innovation, entrepreneurship, rational thinking and civility by providing necessary resources for generation, dissemination and utilization of knowledge and in the process create an ambience for practice-based learning to the youth for success in their careers.

Quality Policy

Madanapalle Institute of Technology & Science is committed to bring out and nurture the talents and skills of youth in the fields of Engineering and Management to cater to the challenging needs of society and industry by

1. Contributing to the academic standards and overall knowledge development of the students
2. Providing excellent infrastructure and conducive learning environment.
3. Enhancing the competence of faculty and promoting R&D Programs
4. Collaborating with institutions and industries.
5. Ensuring continual improvement of Quality Management System.

ACADEMICS

COURSES OFFERED:

Under Graduate Programmes (Eligibility: 10+2)

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

Post Graduate Programmes (Eligibility: 10+2+4)

- M.Tech - Computer Science and Engineering
- M.Tech - Electrical Power Systems
- M.Tech - Digital Electronics and Communication Systems
- M.Tech - Machine Design
- M.Tech - Advanced Manufacturing Systems
- M.Tech - VLSI & Embedded Systems
- M.Tech - Solar Power Systems
- Master of Business Administration
- Master of Computer Applications
- Master of Computer Applications (2nd Year Direct)

DOCTORAL PROGRAMME

- Ph.D in Electronics and Communication Engineering
- Ph.D in Computer Science and Engineering
- Ph.D in Electrical and Electronics Engineering
- Ph.D in Mechanical Engineering
- Ph.D in Management Sciences
- Ph.D in English
- Ph.D in Mathematics
- Ph.D in Physics
- Ph.D in Chemistry

INTEGRATED PROGRAMMES - 5 YEARS

- Master of Business Administration (MBA)
- Master of Computer Applications (MCA)

Activities at MITS

Conferences/ Workshops / Symposia/ Seminars

Conferences, symposia, workshops and seminars on focus themes are vital academic activities that help stimulate discussions on different areas of importance. Many of these activities invite participation from other organizations and enhance the Institute's visibility to the outside world. The following **45 activities** were organized during 2014-15:

1. A two day workshop on "SYNERGY 2014 - National Workshop & Expo Solar Power Systems " was organized by department of EEE on 24 – 25 July 2014.
2. A two day workshop on "Industrial Robotics" was organized by department of ME on 21 – 22 August 2014.
3. Department of ECE organized a workshop on "Optical Communication" on 5 September 2015.
4. A two day workshop on "PHP with MySQL " was organized by department of MCA on 19 – 20 September 2014.
5. Department of ECE organized a workshop on "Electronics Systems Design-Challenges and Opportunities" on 1 November 2014.
6. A Two-Day **2ndNational Conference on Innovations in Mechanical Engineering** was organized by Department of Mechanical Engineering from 18-19 December 2014. **Dr. M. Nageswara Rao**, Hon`ble Professor Emeritus in Manufacturing Division was the Chief Guest.



7. A **One- week Faculty Development Program on "Python"** was conducted by **Prof. JayanthKirtane**, Professor of Computer Science and Engineering, Keshav Memorial Institute of Technology, Hyderabad from 12-17 November 2014.

8. A **One-day Workshop on Entrepreneurship Development** was conducted by **Mr. V. Chaturvedi**, Vice-president, Business Development and Collaborations, Indo-American Cancer Hospital and former Registrar of NIMSME, Hyderabad on 7th November, 2014 for all the branches of final year B.Tech. Students.



9. A **Two-day workshop on Power System Studies Using ETAP** was conducted by **Mr. Rajkumar**, Senior Design Engineer, M/s. L&T Construction, Chennai, **Mr. R. Ranjith**, Senior Electrical Engineer, M/s. Siemens Energy Sector, Coimbatore, and **Mr. S. SelvaKumar**, Technical Expert (Power Systems), M/s. ABB Global Industries Ltd., from 31 October - 1 November 2014.



10. A **Two-day National Workshop on Cloud Computing** was organized by the Department of CSE on 17- 18 October 2014. The Chief Guests were **Prof. S. ViswanadhaRaju**, Professor and Head of CSE, JNT University Hyderabad, and **Prof. P. Venkata Krishna**, Professor in Division of the School of Computing Science & Engineering, VIT University, and Vellore.



11. A **One-week workshop on EXCEL** for MBA I Semester students was conducted by **Mr. Ravi Kumar** of EXCEL SAGE. ORG during November 8-13, 2014 to train the students on efficient use of Excel.



12. A Two-Day faculty development program on **Teaching Online Using Moodle (Modular Object-Oriented Dynamic Learning Environment) LMS** was conducted by **Prof. Srinivas** of ICT, New Delhi on 19 – 20 December 2014.



13. A **One-day event - CRESCEDO-2015** was organized by Departments of Computer Applications and Management Studies on 3 January 2015. The chief guest for this event was **Mr. H. A. Jaya Simha**, human resources trainer and motivational speaker from Bangalore.



14. **AP Skill Development Center** was inaugurated on 19 January 2015 by our Hon`ble Chief Minister **Sri N. Chandrababu Naidu**, which was launched at AP development Center in Vijayawada. **MITS** is one of the centers out of 17 such centers opened electronically throughout Andhra Pradesh.



15. A One - day National Level students '**Technical Symposium INNOWIZ-2K15**' was organized by the Department of Computer Applications on 18 March 2015. Dr. S. ViswanadhaRaju, Professor, JNTUH, Hyderabad was the Chief Guest.



16. The Department of Mechanical Engineering organized a National level students Technical Symposium **MECHONANCE'15** on 27th March 2015. The Chief Guest for the program was **Prof. B. Durga Prasad**, HoD-Department of Mechanical Engineering, JNTUACE, Anantapuram.



17. A **One-day National Level Technical Symposium ECLECTICA - 2015** was organized by Department of Electronics and Communication Engineering on 31 March 2015. The Chief Guest for this Symposium was Dr. T. Ramashri, Professor, ECE Department, College of Engineering, S. V. University.



18. A **Two-day 2nd International Conference on Innovative Management Strategies (ICIMS-2015)** sponsored by AICTE was organized by the Department of Management Studies on March 6-7, 2015 at Fortune Select Grand Ridge, Tirupati. The eminent speakers of the plenary session were **Prof. L. Venu Gopal Reddy**, Chairman, APSCH, Hyderabad; **Prof. P. Murali**, Ex-Vice Chancellor, S.V. University, Tirupati, **Prof. Edwin Zappe**, Spirit Sense, Austria, **Prof. Claire Komives**, San Jose State University, USA Lusitania, Lords Ville, JSS, Karasburg, Namibia and **Sri. N. Vijaya Bhaskar Choudary**, Secretary and Correspondent, MITS Madanapalle.



19. A **Two-day workshop on Entrepreneurship Development** was conducted by Dr. Samuel Johnson- VIT University, Chennai Campus, on March 16 - 17, 2015.



20. A **One-day workshop on Accreditation Essentials & Preparing for Accreditation (ABET)** was conducted by Dr. Claire Komives, Professor of Chemical Engineering - San Jose State University (SJSU) on 24 February 2015.



21. A **One-day workshop on Effective Research Methodologies** in association with IUCEE was conducted by **Dr. Gaurav Sharma**, Professor - Electrical and Computer Engineering Department, University of Rochester, New York on 11 March 2015.



22. A Two-day workshop on Train the Trainer was organized by the Department of English and Foreign Languages on 24 - 25 February 2015. **Mr. Siraj** and **Mr. Vijayanand** were the resource persons.



23. A **Two-day workshop on Research Methodologies and Latex** was conducted by **Dr. H. Saroja Devi**, Professor & Head, Department of CSE, NMAM Institute of Technology, Udupi, Karnataka on 21-22 February 2015.



24. A **Two-day workshop on Tally ERP Package 9.0** was conducted by **Mr. K. Srinivas**, Goodwill Computer Education Centre, on 8 - 9 February 2015.



25. ACEO Meet session on **Careers in Manufacturing Sector & Journey from College to Corporate** was organized by the Dept. of Mechanical Engineering on 30 January 2015. **Mr. Galla Vijay Naidu**, the resource person, introduced the Amara Raja Group, the Chairman's dream and realization.



26. Department of ME organized a **three day workshop on "Innovation in materials and processes and transfer technology to industries"** from 2 – 4 April 2015.
27. A two day workshop on **"Natural language Processing"** was organized by department of **MCA from 17 – 18 April 2015.**
28. **Department of BSH organized** a Faculty interaction on research opportunities on **"Quantum Dots"** from **28 May 2015.**
29. A **One-week Faculty Development Programme (FDP) on Cloud Infrastructure Services** was organized by the Department of CSE during May 11-16, 2015 under TEQIP-II. The Resource Person was **Mr. M. Karthik**, Software Engineer from ICTACT, Tamilnadu.



30. A **Three-day workshop on Personality Development and Motivation** was organized by the department of BSH from 29 April - 1 May 2015 under TEQIP-II. The resource persons were **Dr. K. Samuel Johnson**, VIT Chennai, **Dr. Jeremy Sunder Raj**, Consultant Trainer, Chennai, and **Ms. Mala Mary Martina**, CEO, Trainer, Bangalore.



31. A **Three-day workshop on Pico, Nano and Micro Satellites (PNMSats)** was organized by the Dept. of Physics from 23-25 June 2015.



32. A **Two-day workshop on Entrepreneurship & Promotion of SMEs: Opportunities and Challenges** was organized by Dept. of BSH on 27-28 May 2015 for MITS students & faculty. **Dr. Chukka Kondaiah** former Director General - National Institute of MSME, Govt. of India was the speaker.



33. A National Level Technical Symposium **GMOCS-2K15** was organized by the Department of CSE on 8 April 2015. **Prof. P. Chenna Reddy**, JNTUACE, Pulivendula was the resource person.



34. A Two-Day National Level Technical Symposium **TERA-2K15** was organized by the Department of EEE on 2-3 April 2015. **Dr. K. R. Prabhu**, Assoc. Professor, VIT University, Vellore was the Chief Guest for the programme.



35. Department of MCA organized a workshop on "Introduction to Computer and its basic Applications" for non teaching staff on 21 June 2014.
36. Department of BSH organized a workshop on "Excluding Plastic from our Daily Life" for non teaching staff on 19 July 2014.
37. A workshop on "Disciplinary Aspects in Laboratories" was organized by department of ECE for non teaching staff on 21 July 2014.
38. A workshop on "Managing Basic Official Communication" was organized by department of BSH for non teaching staff on 24 September 2014.
39. Department of CSE organized a two day workshop on "Computer skills for office administrations" for non teaching staff from 17 – 18 November 2014.
40. A workshop on "Awareness on Electrical Safety Precautions & Basic Equipment " was organized by department of EEE for non teaching staff on 20 November 2014.
41. Department of MCA organized a workshop on "Office Automation-MS WORD Basics" for non teaching staff on 24 January 2015.
42. Department of MBA organized a workshop on "Mutual Fund as an Investment option" for non teaching staff on 13 February 2015.
43. A workshop on "How to use fire extinguisher in Laboratories" was organized by department of ECE for non teaching staff on 13 February 2015.
44. A workshop on "Office Automation and Management" was organized by department of ME for non teaching staff on 21 February 2015.
45. Department of BSH organized a workshop on "Reduce Carbon Footprint" for non teaching staff on 21 March 2015.

Distinguished Visitors

During the year 2014-15, a number of distinguished personalities visited MITS and addressed our students and faculty. Notable among them were:

1. Sri. N. Chandrababu Naidu, **Hon`ble Chief Minister of Andhra Pradesh** and the architect of **Swarn Andhra Pradesh**.
2. Dr. Claire Komives, Professor of Chemical Engg. - **San Jose State University** (SJSU).
3. Dr. Gaurav Sharma, **Professor** - Electrical and Computer Engineering Department, **University of Rochester, New York**.
4. Dr. Chukka Kondaiah former **Director General - National Institute of MSME**, Govt. of India.
5. Dr. P. Chenna Reddy, **Professor JNTUACE**, Pulivendula.
6. Dr. S. Viswanadha Raju, **Professor, JNTUH**, Hyderabad.

Event of Significant Importance

Secretary & Correspondent, Sri N. Vijaya Bhaskar Choudary, an Alumni of Besant Theosophical College has been invited as a chief guest for UGC sponsored Two Day National Seminar on "The Role of Nano Technology in the Fields of Physics and Bio – Sciences" on 29 October 2014 organised by the, BT College Madanapalle.



FACILITIES

Library

The library is an integral part of our Academic Center of Excellence (COE) for teaching and learning. It has continued to build and expand its collection both in print and digital form, and design and deliver innovative services in support of teaching, learning, research and other scholarly activities taking place on the campus.

Electronic information resource as an important component of the library is growing year after year. The computer has swept the library in all its operations-storage and dissemination of information. All operations are automated using Soul Software 2.0 version from UGC-INFLIBNET, Ahmedabad. The library has been actively promoting reference and information services to its user community.



Apart from textbooks and recommended reading material prescribed for each course offered at the institute, the library houses a growing collection of research monographs, reports, multi-volume reference works, dictionaries, encyclopedias, handbooks, and so on. The library collection consists of research monographs, text books, reference books, conference proceedings, CDs, VCDs and DVDs covering the areas of academic and research interest of the Institute. The library has initiated a number of important activities and services. 2,531 new books were added during the year 2014-15. Nearly one hundred national and two international journals as well as 43 magazines have been subscribed.

Medical Centre

Dr. R. Chennaiah, a qualified medical practitioner, is available at the Institute from 9 am to 6:30 pm on week days to provide medical care and advice to students, staff and faculty. A trained nurse is available on a full-time basis to provide first aid and for routine medical services such as checking temperature, blood pressure, blood sugar, oxygen levels and dressing wounds. A 24-hour vehicle facility for patients is available in case of emergency. The Institute has a modest in-house pharmacy that has all kind of commonly used medicines and a blood collection centre.

FACULTY ACTIVITIES

MITS provides seed money to faculty members who have zeal in research work to initiate their research as pilot study, publish research papers, and obtain patents etc. This experience is being motivated to submit research project proposals to different funding agencies. Sixteen projects proposed by MITS faculty have been sanctioned by different funding agencies.

Sponsored Projects

1. Dr. P. P. George, Assistant Professor of chemistry got a UGC Major project entitled, "Synthesis of meso structured materials by using novel sugar based surfactants" sanctioned for **Rs. 5,58,000/-** for the duration of 3 years.
2. Mr. B.Sudhir, Asso. Professor - Dept. of Computer Application got a UGC minor project titled "Decision support system for identifying land type in Chittoor and Kadapa Districts" worth **Rs.80,000/-** for the period of 3 years (2014-16).
3. Mr. K. Vasu, Assistant Professor- Dept. of EEE got a UGC minor project worth of **Rs.4,20,000/-** titled "Investigation of certain control strategies on 'Brush – Less DC Motor' with artificial intelligence applications".
4. Ms. J. Sivanvitha, Assistant Professor in Dept. of EEE got a UGC minor project worth of **Rs.4,00,000/-** titled "Disaggregation of utilities energy consumption & GSM Based communication in Smart meters".
5. Mr. M. GunaSekhar Reddy, Assistant Professor in Dept. of Mechanical Engineering got a UGC minor project worth of **Rs.3,30,000/-** titled "Design and development of hybrid vehicle for physically challenged persons".
6. Mr. BathinaSrinivasulu, Assistant Professor in Dept. of Mechanical Engineering, got a UGC minor project worth of **Rs.3,85,000/-** titled "Analysis and optimization of tube hydroforming process parameters for corrosion Resistance material".

7. Mr. M. JagadeeshBabu, Associate Professor in Dept. of ECE received a UGC minor project worth of **Rs.4,50,000/-** titled "Monitoring of water level variations in Rivers, Dams, Reservoirs and Flood alert system using wireless sensor networks" for the period of 2 years (2014-15).
8. Mr. V. Satish Kumar, Assistant Professor in Dept. of ECE got a UGC minor project worth of **Rs.3,70,000/-** titled "Development of advanced image processing methods for assessing and monitoring the content of Tree outside Forests using IRS high resolution satellite images" for the period of 2 years (2014-15).
9. Dr. J. L. MazherIqbal, Professor in Dept. of ECE got a UGC minor project worth of **Rs.3,70,000/-** titled "3D-Intelligent Information System for Identifying Servicing Action" for the period of 3 years (2014-16).
10. Mrs. M.R. Indumathi, Assistant Professor in Dept. of English, MITS got a UGC minor project worth of **Rs.3,00,000/-** titled "Effective usage of technology in imparting career skills for academically backward students of Engineering".
11. Mr. M. Srujan Kumar Reddy, Assistant Professor in Dept. of CSE got a UGC minor project worth of **Rs.52,000/-** titled "Development of a cloud to monitor and track the vehicles at check posts".
12. Mr. S. Ismail, Assistant Professor in Dept. of MBA got a UGC minor project worth of **Rs.1,20,000/-** titled "A study on career planning absurd among students and its impact on employability".
13. Dr. M. Raja Reddy, Professor in Dept. of Physics got a UGC minor project worth of **Rs.2,40,000/-** titled "Development of organic solar cell architectures for >15% power conversion efficiency".
14. Two Major Research Projects were selected in the preliminary round and are notified for interface meeting with UGC in the month of January by Dr. N. Nanda Kumar Reddy, and Dr. S. Victor Vedanayakam, ..
15. Dr. V.K.Verma, Assistant Professor of Physics department shortlisted for UGC Research Award and attended the meeting in University Grants Commission, New Delhi office and recommended for the same
16. Dr. G. HarinathGowd, Head, Dept. of Mechanical Engineering, MITS received **Rs. 34.39 Lakh** from DST for his Research project

Ph.D.s Awarded

1. Mrs. M.Sreedevi, Associate Professor, CSE Department was awarded with Ph. D from Department of Computer Science & Engineering, SV University Tirupathi, in November 2014.

2. Mr. Prashantham, Assistant Professor- Department of English and Foreign Languages, was awarded with Ph. D. from Andhra University, Visakhapatnam, November 2014
3. Mr. Mahesh, Associate Professor ECE Department was awarded Ph. D. from Department of ECE, JNTU-ANANTAPUR, November 2014.
4. Mr. R. Vara Prasad, Assistant Professor, Dept. of Management Studies was awarded Ph.D. by Sri Krishna Devaraya University in November 2014.
5. Mr. C. Kamal Basha, Associate Professor -Department of Electrical and Electronics Engineering, has been awarded with PhD. degree from Jawaharlal Nehru Technological University - Anantapur.
6. Mr. V. Hanuman Kumar, Associate Professor, Department of Computer Science & Engineering is awarded Ph.D degree by ANDHRA UNIVERSITY, Visakhapatnam on 13th March 2015.
7. Mr. Santoshi Ganala, Assistant Professor working with the Department of Computer Applications in our college has been awarded with PhD. degree by the National Institute of Technology Surathkal, Mangalore.
8. Mr. K. Srinivas, Assistant Professor working with the Department of Management Studies in our college has been awarded with PhD. R.T.M. Nagpur University, Nagpur, Maharashtra.
9. Mr. Srinivas Karri, the Department of Management Studies was awarded Ph.D. by Rashtrasant Tukadoji Maharaj – Nagpur University

Workshops / FDPs Attended by Faculty:

1. Mr. M. Kirankumar and Mr. G.J. Kumar from the department of CSE attended a workshop on "Advanced Programming Concepts and Web Application Development Under Linux at DhyanaHita Campus, Shabad" from 2 – 14 April 2014
2. Mr. M. Veeresh Babu, Mr. Wilson Thomas and Mr. Shabbeer Basha from the department of CSE attended a Workshop on "WebApps in Zorin Environment at MITS, Madanapalle" from 16 – 21 June 2014
3. Dr. D. Pradeep Kumar from the department of MBA attended a Workshop on "MHRD'S National mission for teachers and administrators (MCEP) at IIM, Indore" from 16 – 22 June 2014
4. Dr. S. Shanmuga Priya from the department of BSH attended a Workshop on "Human Values and Professional Ethics organized by Aurora's Engineering College, Hyderabad" from 5 – 9 July 2014
5. Mr. V. Sai Kumar and Mr P. Mohammad Akram from the department of ECE attended a one week training program on "Systems And Network Administration at DhyanaHita Campus, Shabad, Hyderabad" from 17 – 22 July 2014

6. Mr B. Sreenivasa Raju from the department of EEE attended a one week training program on "Systems And Network Administration at DhyanaHita Campus, Shabad, Hyderabad" from 17 – 23 July 2014
7. Mr. D. Kasi Viswanath from the department of CSE attended a one week training program on "Systems And Network Administration at DhyanaHita Campus, Shabad, Hyderabad" from 17 – 23 July 2014
8. Mr. J. Chandrasekhar from the department of CSE attended a Workshop on "Mentoring Skills and Thinking Skills for Engineering Faculty, JNTU, Hyderabad" from 18 – 24 July 2014
9. Dr M. Sudhakar Reddy from the department of BSH attended a Workshop on "Management Capacity Enhancement Programme at IIM Indore, Madhya Pradesh" from 27 October – 2 November 2014
10. Dr. N. Naveen Kumar, Dr. K. Saritha, Mr Prem Kumar Singh, Ms N.K.Nithya, Mr P.N. Vijayakumar, Ms B. Regina, Ms Ganala Santoshi and Mr K. Chandrashekar attended a Workshop on "Moodle Learning Management System at MITS Madanapalle" from 28 November – 2 December 2014
11. Mr. C. Kamal Basha, attended a one -day faculty development program on "Effective teaching continuing education program" organized by Center for Education Technology (CET), IIT Kharagpur on 13 October 2014.
12. Mr. M. Lokesh& Mr. A. Srinivasulu, Assistant Professor of EEE of MITS, Madanapalle, attended a two-day National Workshop on "Hybrid Power Generation Systems" organized by Central Power Research Institute (CPRI), Bangalore from 16- 17 October 2014.
13. Mr. S. Akbar Basha, attended a three day workshop on "Three day National Workshop in MEMS & NEMS " organized by Jain University , Bangalore from 16 - 18October 2014.
14. Ms.J.Sivanvitha, attended atwo-day Faculty Development program at Vennar Ceramics Ltd, organized by "Confederation of Indian Industry" at Bhimavaram from 17 to18 October 2014.
15. Mr. S. Kareemulla, attended a two day Workshop on "Industrial visit on VennarCeramics " organized by CII, Hyderabad and VishnuGroups of Colleges from 18 - 19 October 2014.
16. Dr. B. Rama Kumarattended a seven day Workshop on "Management Capacity Enhancement Programme" was organized by Indian Institute of Management, Indore, Madhya Pradesh at its Management Development Centre from 27 October - 2 November 2014, under TEQIP-II.
17. Mr. B. SreenivasaRaju& Mr. G. Ravi Prakashattended 13th Energy Efficiency Summit 2014 was organized by Confederation of Indian Industry (CII) at HICC, Novotel,

- Hyderabad from 29 October to 1 November 2014.
18. Mr. K.V. SateeshBabu, Assistant Professor of EEE, attended a workshop on "Reliability Applications in Power Distribution System" at Central Power Research Institute (CPRI), Bangalore on 21 November 2014.
 19. Mr. P.VenkataRamana, & Mr. CH. Sreenivasa Rao attended a two-day workshop on "Advance in Thermal Engineering" organized by CBIT, Hyderabad from 28th to 29th November 2014.
 20. Mr. M. Gunasekhar Reddy attended a one day Workshop on "Solid Works Innovation Day" organized by Solid Works & Logical Solutions, Hyderabad on 11 November 2014.
 21. V. Satish Kumar participated in "Research and Teaching Methodologies in Electrical Engineering" Organized by IIT Hyderabad" on 11 December 2014.
 22. Mr. G. Gurumahesh, Mr. Manu Ravuri, Mr. V. Ajay, Mr. S. Kareemulla, Mr. P. Venkataramana, Mr. S. Akbar Basha & Mr. Bezawada Sreenivasulu attended a five - day workshop on Pedagogy training programme from 22 - 26 December 2014.
 23. Mr. M. Gunasekhar Reddy participated in a one day Workshop on "3D Experience" organized by Desalt Systems, Bangalore on 10 December 2014.

24. Mr. Manu Ravuri participated in a five-day workshop on "Additive manufacturing" organized by IITH, Hyderabad from 1- 5 December 2014.
25. Mr. Bezawada Srenivasulu, Mr. M. Vamsi Krishna participated in a one day seminar on "Sustainable Solid Work Management" organized by CII, Hyderabad on 2 December 2014.
26. Mr. S.M. Farooq and Mr. A Subramaneswara participated in a two-day training programme on "**BOSS MOOL**" (Bharat Operating System Solutions- Minimalistic Object Oriented Linux) organized by Department of Computer Science and Engineering JNTUA, Anantapuram from 16 -17 October 2014.
27. Mr. S. Md. Ghouse & Mr. M. Kiran Kumar participated in the QIP short term course on "Teaching Data Structures and Algorithms" organized by Indian Institute of Technology Guwahati from December 1 -5, 2014.
28. Mr. Amarnath Yerramala attended an International Conference on "Sustainable Civil Infrastructure" (ICSCI - 2014), ASCE India Section, 2014, Hitex, Hyderabad, Telangana, India, from 17-18 October 2014.
29. Mr. A. Althaf Ali attended a two day Faculty development program in Sree Vidyanikethan, Tirupathi, on "Recent trends in data mining through informatica", on 11 December 2014.
30. First year faculty attended a workshop entitled, "Outcome based Learning" organized by BITS-Pilani, Hyderabad campus at Hyderabad from November 14- 16, 2014.
31. Dr. Murali Krishna from the department of CSE attended a Workshop on "IBM DB2 Academic Associate at JNTU, Ananthapuramu" from 19 - 25 December 2014
32. Dr. K. Sakthisudhan, Dr. Mahesh, Ms. C. K. Hemantha Lakshmi, Mrs. G. Nagaswetha, Mr. G. Sambasiva Rao, Mrs. G. R. Hemantha, Mr. S. Javeed Hussain, Mr. J. T. Pramod, Mr. P. R. Rathna Raju, Mr. D. Bala Krishna Reddy, Mr. L. Ashok, Mr. P. Sravan Kumar, Mr. B. Vamsi Krishna, Mr. U. Sreenivasulu, Mr. M. Venkata Srinu, Mr. V. Satish Kumar, Mr. R. Ravindraiah, Mr. D. Girish Kumar, Mr. S. Arun and Mr. M. Sreenath Reddy from the department of ECE attended a Workshop on "Instructional design and delivery at MITS, Madanapalle" from 22 - 26 December 2014.
33. Mr. G. Hemanth Kumar Yadav, Mr. Y.C.A. Padmanabha Reddy and Mr. M. Prabhakar from the department of CSE attended a Workshop on "Instructional design and delivery at MITS, Madanapalle" from 22 - 26 December 2014

34. Mr. Y. Amarnath from the department of CE attended a Workshop on "Orientation Program at MITS, Madanapalle" from 27 January – 10 February 2015
35. Dr. V. Hanuman Kumar from the department of CSE attended a Workshop on "Outcome Based Learning at BITS Pilani, Hyderabad" from 6 - 12 February 2015
36. Ms. A.Komala from the department of CSE attended a Workshop on "Programming in 'C' and Data Structures at JNTU, Ananthapuram" from 25 – 31 March 2015
37. Ms C.R. Navya Teja from the department of CSE attended a Workshop on "Teacher Effectiveness: Nurturing Well-Being at IIT, Hyderabad" from 1 – 6 May 2015
38. Mrs. P. Rajarajeswari from the department of CSE attended a Workshop on "Intellectual Property Rights and Patterns at JNTU, Kakinada" from 16 – 30 May 2015
39. Dr G. Harinath Gowd from the department of ME attended a Workshop on "MHRD's National Mission for Teachers and Administrators - Management Capacity Enhancement Program at Indian Institute of Management, Indore" from 12 – 18 January 2015
40. Mr. J. Saravana Babu from the department of BSH attended a Workshop on "MHRD's National Mission for Teachers and Administrators - Management Capacity Enhancement Program at Indian Institute of Management, Indore" from 8 – 14 June 2015

PUBLICATIONS

Faculty members have contributed to creating new knowledge by publishing about 150 research papers members in reputed National and International journals. The publication record in 2014-15 comprises 107 research publications and 20 papers in various National and International Conferences.

Papers Published in Refereed Journals

1. S. Thriveni, G. Ranjith K., and G. Harinathgowd 'Design evaluation and optimization of a two wheeler suspension system' ***International journal of emerging technology and advanced engineering***, Vol. 4, Issue 8. DOI 10.1007/s00170-015-7639-4

2. G. Guru Sai Prasad, G. Guru Mahesh, G. HarinathGoud,and R. Manu, 'Estimation of compression strength on hybrid composite corrugated sandwich coupons'. *International journal of Engineering Research and Technology*, Vol. 3 /Issue 8, 2014.
3. G. Ranjithkumar, S. Thriveni, M. RajasekharReddy,andG.HarinathGowd, 'Design analysis & optimization of an automotive disc brake' *International journal of advanced engineering research and science*, Vol. 1, Issue 3, 2014 .
4. Raju D. andG.HarinathGowd, 'Design and simulation of cooling fan armature coil by using abs and nylon 6/6- Gf 33% of material' *International Journal of Scientific Engineering and Technology Research*,Vol. 3, Issue 21, 2014
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Papers Presented at Conferences

1. Mr. G. Gurumahesh, "Design and analysis of a single seater race car chassis frame" National Conference on Innovations in Mechanical Engineering (NCIME) 18th & 19th December 2014.
2. "Design and model analysis of Moncrone Leaf Spring" in National Conference on Innovations in Mechanical Engineering (NCIME) 18th & 19th December 2014.

3. Mr. M. Subbarao, "Optimization of winds or 650 machine injection moulding parameters to reduce the defects" National Conference on Innovations in Mechanical Engineering (NCIME) 18th & 19th December 2014.
4. Mr. A. Balaraju, "Transient response of automobile suspension system using four wheeler vehicle" National Conference on Innovations in Mechanical Engineering (NCIME) 18th & 19th December 2014.
5. "Determination of axial cutting forces in hard turning on AISIS H11 hot worked tool steel by a mode generated in response surface methodology" National Conference on Innovations in Mechanical Engineering (NCIME) 18th & 19th December 2014.
6. "An Overview on Sandwich Beam", National Conference on Innovations in Mechanical Engineering (NCIME) 18th & 19th December 2014.
7. Mrs. G. Sowjanya, "The syntheses and luminescence properties of Sm +3 doped Potassium Yttrium Borate Phosphor for solid state lighting applications" National Laser Symposium – 23 , Department of Physics Sri Venkateswara University from 3 – 6 of December 2014.
8. -----"Advances in Electrical, Power Control, Electronics and Communication Engineering" (AEPCECE – 2014), International conference by "Social Welfare Foundation in Association With KrishiSanskriti" during 13th -14th December 2014 at Jawaharlal Nehru University, New Delhi.
9. Dr. M. Raja Reddy, Professor, Department of Physics was a Guest of Honor to present a special talk in the two day conference on "The role of Nano technology in the field of physical and bio sciences", sponsored by UGC , SERO Hyderabad from 29- 30 October at B. T. College of Arts and Science, Madanapalle.
10. Dr. G. Harinath Gowd, "Optimal Selection of Machining Parameters in CNC Turning process of EN-31 using Intelligent Hybrid Decision making Tools" *GCOMM 2014* Organized by VIT, Vellore 8- 10^h Dec. 2014
11. Dr. A. R. Reddy, "Radio Frequency Engineering of Fourth Generation Mobile Phone Networks for Long Term Evolution Advanced Specification" *Proceedings of National Conference on Recent Trends in Signal Processing NCSP'15* conducted by ECE Department, MITS, Madanapalle. ISBN NO.978-93-85100-01-7, PP: 113-119, 18- 19 Feb 2015.
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 14. Dr. S. A. K. Jilani, "Advanced Spy Camera Using Raspberry Pi", *Proceedings of National Conference on Recent Trends in Signal Processing NCSP'15 conducted by ECE Department, MITS, Madanapalle. ISBN NO.978-93-85100-01-7, PP: 246-250, 18- 19 Feb 2015.*
 15. Dr. S. A. K. Jilani, "Video Stabilization Using Raspberry Pi", *Proceedings of National Conference on Recent Trends in Signal Processing NCSP'15 conducted by ECE Department, MITS, Madanapalle. ISBN NO.978-93-85100-01-7, PP: 74-78, 18 - 19 Feb 2015.*
 16. Dr. J. L. Mazher Iqbal, "3-D Image Reconstruction methods from 2-D Images", *Proceedings of National Conference on Recent Trends in Signal Processing NCSP'15 conducted by ECE Department, MITS, Madanapalle. ISBN NO.978-93-85100-01-7, PP: 99-103, 18- 19 Feb 2015.*
 17. Dr. J. L. Mazher Iqbal, "Intelligent Medicine Box for Medication Management using IoT", *Proceedings of National Conference on Recent Trends in Signal Processing NCSP'15 conducted by ECE Department, MITS, Madanapalle. ISBN NO.978-93-85100-01-7, PP: 120-126, 18- 19 Feb 2015.*
 18. Dr. J. L. Mazher Iqbal, "Elderly Abnormal Human Activity Recognition Based on Morphology and Hidden Markov Model Classifier", *Proceedings of National Conference on Recent Trends in Signal Processing NCSP'15 conducted by ECE Department, MITS, Madanapalle. ISBN NO.978-93-85100-01-7, PP: 224-229, 18-19 Feb 2015.*
 19. Dr. Gautam Narayan, "Weathering a storm in space: Satellites and Space-weather", *Proceedings of National Conference on Recent Trends in Signal Processing NCSP'15 conducted by ECE Department, MITS, Madanapalle. ISBN NO.978-93-85100-01-7, PP: 286-290, 18 - 19 Feb 2015.*

20. Mr. S. Javeed Hussain, "Analysis and Synthesis of Barcode Using Image Processing", *Proceedings of National Conference on Recent Trends in Signal Processing NCSP'15 conducted by ECE Department, MITS, Madanapalle.* ISBN NO.978-93-85100-01-7, PP: 63-68, 18 -19 Feb 2015.

STUDENTS ACTIVITIES

Co-curricular Activities

Madanapalle Institute of Technology & Science, such a great institution knowing the touch and taste of culture and its impact on existence of human life, celebrated a two day national cultural fest called '**ASHV-15' (The Race of Talent)** on 13 and 14 March, 2015. The fest commenced with different kinds of events such as **Larynx Warz, Dance-Vance, Globe theatre, Chefs Corner, Pic-o-rama, Haute Couture, Track and Field events and Bonus Bonanza** on 13 March, 2015.



Students Achievements

1. Mr. S. FirozBasha of II B.Tech, Department of ECE participated and presented a paper titled "**Augmented Reality**" in a one-day National Technical Symposium **Aavishkar 2014**, organized by Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Enathur, Kanchipuram on 31 October 2014 and secured **first prize** .

2. SaiPraneeth, Shareeq, Mohith Raj, Bhanu Prakash, Ganesh, Ganesh Babu, and Sai Kumar I Year B.Tech students bagged **first prize** for presenting a short film on Nature.
3. P. CharanSai, Department of ECE , got **II place** for JAM and P. Pavan Kumar won *III place* in the category of Instrumental (Guitar) at cultural fest "**THRIMSHATI-2K14**" organized by G. Pulla Reddy Engineering College, Kurnool.
4. Students from third year CSE (Miss. Depika) and ECE Department (Miss. Aruna and Miss. ArhiyaBanu) was **runner up** in **Tennicoitin** the **6th Inter Collegiate and Sports meet of JNTUA, Anantapuram** during 27 - 28 Feb, 2015 and 1 Mar, 2015 held at ChaitanyaBharathi Institute of Technology (CBIT) and VignanaBharathi Institute of Technology (VBIT) college, Proddatur.



5. T. Om Nanda Kishore Reddy, II MCA, 4th Semester, won the **First Prize** in paper presentation on the topic **Big Data** at a one-day National Level Technical Meet **IGNATIA-2K15** conducted by SV College of Engineering, Karakambadi Road, Tirupati and won cash prize of rupees **1500/- & a Certificate.**
6. V. Arun Kumar, II MCA 4th Semester, MITS won the **Second prize** and received cash award of rupees 1000/- & certificate, in paper presentation on the topic Wireless system 5G technology at a One-day National Level Technical Meet **IGNATIA-2K15** conducted by S.V. College of Engineering, Karakambadi Road, Tirupati.

7. B.Tech-I year, MITS students visited and interacted with students of Birla Institute of Technology & Science-Pilani, Hyderabad campus on 26 April 2015 as a part of educational tour.
8. **Mr. P. Yoganand Kumar**, II MCA 4th semester student presented a paper titled **System Security** at a**One- day National Level Symposium PLUX US -2K15** conducted on 22- April 2015 at SreeVidyaNikethan College of Engineering, Tirupati and won **FIRST PRIZE** for the presentation.
9. **Miss. C SowmySree**, Mechanical Department, MITS received the prestigious **Prathibha Award** from the Government of Andhra Pradesh for the academic year 2013-14 in the discipline of the Mechanical Engineering. She also received Rs. 20000 /- as the cash reward, a laptop along with the Prathibha award medal and certificate by the government of Andhra Pradesh

Student Leadership

1. Two volunteers C.HemaNandini, III ECE and D. TejasreeBasavadev, II ECE, got selected for State Level Mega NSS camp held at S.V University, Tirupathi from 20 – 24 November 2014 and performed well on behalf of JNTUA and MITS.
2. In connection with the Talibans' attack on army school children in Peshawar, Pakistan, NSS Volunteers, students and Staff members of MITS took a candle- lightening procession led by the Principal Dr. C. Yavaraj, from MITS to Angallu Circle on 17 November 2014 where they condemned the massacre and paid tribute to the diseased children.
3. NSS Unit as a part of "**Swachh Bharat Abhiyan**" conducted a campaign aims to accomplish the vision of 'Clean India' by 2nd October. The students and faculty members assembled in the campus and moved forward to the Nandi Garden on 24 November 2014.



4. NSS Unit organized '**National Unity Day**' on 31 October 2014 in Angallu on the occasion of the birth anniversary of Sardar Vallabhai Patel and emphasized the responsibility of national unity, integrity and security. Dr. C. Yuvaraj, Principal, addressed the audience who formed human chain at the Angallu circle.



5. NSS unit organised an awareness programme in view of the "Global Hand washing Day" on 15 October 2014 at Thettu Village, ZP, Primary and Harizanawada Schools and emphasized the good habits of cleaning hands before taking the food. Two important Government Mandal level officials, **Sri. ChalapathiGaru**, MDO & **Sri Thyagaraju**, **MEO, Kurabalakota** participated and addressed the students.



6. **MITS – NSS unit** organised an awareness programme along with the free distribution of Homeo Medicine as a preventive measure to curb the menace of spreading Swine Flu in Angallu Village on 09 Feb 2015. In this programme, Principal

- MITS, MDO Kurabalakota, Deputy DMHO Madanapalli, Medical Officer Kurabalakota, nearly 30 Health Workers and NSS Volunteers actively participated in order to educate, encourage the public to know & to propagate about the root causes of inflicting and spreading of the deadly disease – SWINE FLU.



BEST MOMENT

BEST MOMENT

The Chief Minister of Andhra Pradesh **Hon`ble Sri. N. Chandrababu Naidu**, the architect of Swarn Andhra Pradesh, visited to take part in the 'Janmabhoomi-MaaVooru' – programme. **Sri. N. Vijaya Bhaskar Choudary**, Secretary & Correspondent, **Sri N. Krishna Kumar**, Chairman, **Dr. C. Yuvaraj**, the Principal and student representatives presented a cheque of Rs. 7,24,214-00 (Contributions from MITS Management, Staff and the students' Contribution' Rs.1,24,200/-) to the Hud hud Cyclone Relief Fund.





Madanapalle Institute of Technology & Science

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