



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
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- 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 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

- Dr. Ilampoornan M. K. "Frequency domain benchmark for CIGRE moisture circuit model of transformer" IEEE conference, ICNTET2018 on 8 September 2018.
- Lakshmanan S A, "Islanding Detection for Grid Connected Solar PV system". In the 8th IEEE India International Conference on Power Electronics at NIT Jaipur, 13-15 December 2018.

- M. Vijay, "An comparison of optimal control of AGC for Hydrothermal System using Local Optimization". In the 2nd International conference on paradigms in Engineering & Technology at Methodist College of Engineering and Technology from 28th-29th December 2018.
- M A Asha Rani, "An improved control for simultaneous sag/swell mitigation and reactive power support in a grid-connected wind farm with DVR" In *International Journal of Electrical Power & Energy Systems* 101, 38-49, October 2018. (Elsevier).
- N. Yalla, **Narendrababu A** and P. Agarwal, "A New Three Phase Multi-Point Clamped 5L-HPFC with Reduced PSD Count and Switch Stress," in *IEEE Transactions on Industrial Electronics*. Doi: 10.1109/TIE.2019.2910030.
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Department of English and Foreign Languages

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- **M. K. Kesarla**, M. O. Fuentes-Torres, M. A. Alcludia-Ramos, F. Ortiz-Chi, C. G. Espinosa-González, M. Aleman, J. G. Torres-Torres, S. Godavarthi, "Synthesis of g-C₃N₄/N-doped CeO₂ composite for photocatalytic degradation of an herbicide" *Journal of Materials Research and Technology*, Article published online, December 2018. (Scopus Indexed)

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- **N. Nanda Kumar Reddy and V. K. Verma**, "An assessment on electrical characterization of Ni/n-Si schottky rectifiers with and without Ta₂O₅ interfacial oxide layer", *Surface Review and Letters*, 2019, January, ISSN: 0218-625X,1793-6667, DOI: 10.1142/S0218625X19500732.
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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 Sumiit” on 5-6 February 2019 at Vijaya-wada, 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 Channaraya 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

MITS 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

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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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- Digital Electronics & Communication Systems
- Electrical Power Systems
- Structural Engineering

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