

## ***Cheers to all!***

New is the year; new are the hopes and the aspirations; new is the resolution and new are the spirits. May the Year 2016 be a step forward in leading you to new adventures, new roads to explore and new success to reach! The Management and the Principal wish you all a promising and fulfilling New Year! May it be your best ever!

Happy New Year  
**2016**



### **Make in India, Digital India**

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 Spokes Person**, Sri N. Krishna Kumar - **the Chairman**, , Dr. N. Vijaya Bhaskar Choudary, **the Secretary and Correspondent**, Sri. Chalapalle Narasimha Reddy, **All India BJP Kisan Morcha Spokes Person** inaugurated this momentous event.



### **College Activities:**

- A Seminar on “**How to Crack IES/GATE/PSUs in first attempt**” was arranged for III year 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 Voters Day** was conducted on 25 January 2016 with the opening remarks by the Principal Dr. C. Yuvaraj emphasizing on the importance of vote.
- **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 **3<sup>rd</sup> International Conference on Transformations in Engineering Education (ICTIEE 2016)** organized by IUCEE from 8 – 12 January 2016.



## Conferences/Seminars/Workshops Organized

- A Two-day National Conference on “**Wireless Communication Systems (NCWCS'16)**” on 27-28 January 2016 organized by Dept. of ECE. The conference was sponsored by DST-Science and Research Engineering Board, New Delhi. Chief guest was Prof. Dr. K.R Venugopal, Special Officer, Government of Karnataka and also Principal, Visvesvaraya College of Engineering, Bengaluru.
 
- **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.
- Dept. of E.E.E. organized a One-day National Level Technical Symposium “**Techno Fest on Electrical Revolutions and Advancements (TERA-2K16)**” on 31-03-2016. Prof. Nagendra Rao P.S., Professor in Dept. of Electrical Engineering, IISc. Bangalore was the chief guest.
 
- 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.
- A Two-day Workshop on “**Testing and Characterization of Materials**” on 4-5 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.

**EDC Activities:**

The 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.

**RRC Activities:**

- **Recognised Research Centre (RRC)** Cell organized a 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.
- RRC Cell organized a 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).
- RRC Cell organized a lecture on **“MATLAB Programming by Examples in Numerical Methods”** by Dr. Suryanarayana Raju Pakalapati on 18 - 19 March 2016 at CAD Lab 1. It was a hands-on training session. The audience comprised research scholars and faculty members of MITS.
- RRC Cell organized a lecture on **“How do We See the World: Neuroscience of Social Perception”** on 16 February 2016.

**Guest Lectures Arranged****Dept. of EEE:**

- Dept. 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.
- A lecture on **“Industry Expectations from Young Engineers”** on 19 March 2016.
- A lecture on **“Big Data Analytics”** on 19 March 2016.
- 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.
- 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.
- 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

**Dept. of ME**

- Department of ME organized a lecture **“Research and Consultancy Opportunities in Industry”** by Dr. Adinarayana Namburi, a prominent technocrat in the area of Steam and Gas Turbines, on 18-03-2016.
- A lecture on **‘Emerging Technologies in Mechanical and Aeronautical Domain’** on 16 March 2016. Mr. G. V. Krishna was the resource person.

**Dept. of ECE**

- Dept. 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.



### Alumni Association

- MITS Alumni Association - Dept. of CSE organized a lecture on "**Effective Functional Testing**" by Mr. L. Chandrahas, 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.

### Dept. of MBA

- 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.

### Dept. of Physics

- Dept. of Physics organized a lecture by 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.

### Campus Lecture Series

- 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.
- 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.
- 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..

### Alumni Reunion Meet:

- MITS Alumni Association organized on Alumni Meet on the 19<sup>th</sup> of March 2016. More than 60 alumni from various batches from 2003 to 2015 passed out alumni attended the meet.

### Ph. D Awarded

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



- Dr. 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.
- Dr. 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.

### **Publications of Faculty Members:**

#### **Dept. of ECE:**

##### **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. 27<sup>th</sup> – 28<sup>th</sup> 2016. ISBN-978-93-85100-27-7. pp. 63-66.
- "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. 27<sup>th</sup> – 28<sup>th</sup> 2016. ISBN-978-93-85100-27-7. pp. 163-167.

##### **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. 27<sup>th</sup> – 28<sup>th</sup> , 2016.

##### **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. 27<sup>th</sup> – 28<sup>th</sup> 2016.
- Variability of formants for Vowels using Autoregressive Filter Model. GESJ: Computer Science & Telecommunications. ISSN 1512-1232. Vol: 47. Issue: 1. 2016/3/31.

#### **Dept. of CSE:**

##### **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.

##### **Mr. S. Vikram Phaneendra**

- 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.
- 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.

#### **Department of Chemistry:**

##### **Dhamodaran Arunbabu, S M Noh, J H Nam, J K Oh.**

- "Thermoreversible Self-Healing Networks Based on a Tunable Polymethacrylate Crosslinker Having Pendant Maleimide Groups" Macromolecular Chemistry and Physics.

**K. Seeni Meera, R. Murali Sankar, S. N. Jaisankar, A. B.**

- Studies on biocompatible surface active silica aerogel and polyurethane-siloxane cross-linked structures for various surfaces, Encyclopaedia of Biocolloid and Biointerface Science.

**Dept. of Physics:**

- Upadhayaya, A. K., S. Gupta, and P. S. Brahmanandam (2016), "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.

**Conferences/Seminars/Workshops Attended:****Dept. of CE:**

- Dr. M. Chittaranjan attended a Two-day Workshop on "**Precast Construction Practices in India**" at IIT Madras on 12 - 13 February 2016.

**Department of EEE:**

- Dr. K. Ramesh, attended '**The World Electricity Forum – ELECRAMA-2016**', IEEMA from 13 – 17 February 2016.
- 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.

**Dept. of ME:**

- Dr. John Baruch. L attended a One-day Workshop on NPTEL (National Programme on Technology Enhanced Learning), IIT Madras, 11 January 2016.
- Dr. K.V.P. Chakradhar attended an International Conference on Enabling '**Make in India ICEMII – 2016**', IUCEE & KLE University, Karnataka 6 - 8 January 2016.
- T. Venugopal, K. Lokesh Babu , and V. Veera Brahmachari, Two-day Staff Development Programme on "**CNC Programming Hands-on Experience**", Sri Vidyanikethan Engineering College, Tirupati, 4 – 5 March 2016.
- Dr. I. Arun attended a Two-day Workshop on "**Patent Information Cell**" at Sri Padmavathi Mahila Visvavidyalayam (Women's University), 30 - 31 March 2016.

**Dept. of ECE:**

- Dr. Dinesh Sharma attended a Training Program on "**Intellectual Property Rights (IPR)**" initiated by SPFU (AP) on 27- 29 January 2016.
- Dr. G. Hari Krishnan attended the 2<sup>nd</sup> International Conference on "**Biomedical Systems, Signals and Images-BSSI 2016**", IIT Madras from 24 - 26 February 2016.
- Dr. Gautam Narayan and Mr. B. Vamsi Krishna visited [Satish Dhawan Space Centre, Sriharikota Range \(SDSC-SHAR\)](#) on 25 February 2016.

**Dept. of CSE:**

- Dr. K. Veningston, attended an International Conference on Enabling '**Make in India ICEMII – 2016**', IUCEE & KLE University, Karnataka from 6 to 8 January 2016.

**Dept. of MBA:**

Dr. N. Subrahmanyam attended a National Conference on "**Make in India - The Economic Imperative**" at Vignana Jyothi Institute of Management, Hyderabad on 6 -7 January 2016.

**Dept. of Chemistry:**

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

**Faculty Development Program Attended by the Faculty**

- 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.
- 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.
- 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.
- 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.

**Welcome - New Faculty**

- Dr. Logudurai Radhakrishnan ( D. Sc. from Tohoku University, Sendai, Japan) joined the Dept. of Chemistry as Assistant Professor on 4 January 2016.
- Dr. C. Vijay Kumar (Ph.D. from S. K. University, Ananthapuramu) joined the Dept. of Computer Applications as Assistant Professor on January 18, 2016.
- 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.
- Dr. B. Chandra Mohan (Ph.D. from Anna University) joined the Dept. of Computer Science & Engineering (**CSE**) as Associate Professor on 1 February 2016.
- Dr. S. Vinoth Kumar (Ph.D. from Anna University) joined the Dept. of ME as Senior Assistant Professor on 1 February 2016.
- 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.
- 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.
- 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.
- 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 2016.

**Welcome - New Staff**

- Mr. Purna Chandra Sai joined as Additional Site Engineer on January 11, 2016.

**Student News****Industry visit**

- **Dr. I. Gopinath**, Associate Dean, III C, along with Dr. P. Suryanarayana Raju, and Dr. B. Eswara Kumar visited **M/S Nagarjuna Fertilizers & Chemicals Ltd., (NFCL) Plant KAKINADA**, on 5 - 6 February 2016.

- **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.
- One- day Industrial Visit to RTPP, Muddanur was organized for the 3<sup>rd</sup> Year B.Tech - EEE students under ISTE Students chapter on 27 February 2016.
- The students of IV Year ECE Department along with the faculty members visited the Satish Dhawan Space Centre, Sriharikota Range (SDSC-SHAR) on 25 February 2016.
- One-day Industrial Visit to Kalyani Dam, near Tirupati was organized for the 2<sup>nd</sup> Year B.Tech – Civil Engineering students on 31 March 2016.



### Sports News

- 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.
- **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.



### Community Service Programs

- B. Tech. I Civil Engineering students accompanied by Dr. Nekkanti 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 orphan children.
- B. Tech. II Civil Engineering students, accompanied by Dean RRC along with other faculty of MITS visit to Sai Chaitanya Sravanthi orphanage on 20 March 2016 to donate food to orphan children.

### NSS Activities

- 153<sup>rd</sup> 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.
- Science Day Celebrations @ MITS was organized on 28 February 2016
- Mega Blood Donation Camp was organized on 17 March 2016.



**College Activities:**

**NBA Visit for Re-accreditation**

NBA visited our campus from 22-4-2016 to 24-4-2016 for re-accreditation.



**18th Annual Day Celebrations**

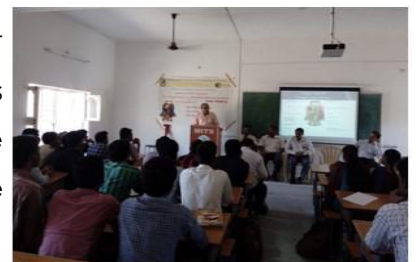
Annual Day is an epilogue of an academic session. It brings a beautiful climax to the various enriching events held throughout the year. It is a ceremony to celebrate the culmination of a learning process. MITS celebrated its 18th Annual Day on 13th of April, 2016 with great enthusiasm. **Dr. N. V. R.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



**Conferences, workshops, and seminars organized by MITS**

**Dept. of CE:**

A One-Day Workshop on Advanced Surveying Methods was organized for II year 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.



**NATIONAL LEVEL TECHNICAL SYMPOSIUM ON CIVIL ENGINEERING TECHNICAL AUGURY**

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.

**Dept. of ME:****A NATIONAL LEVEL STUDENTS TECHNICAL SYMPOSIUM – MECHONANCE'16**

A National Level Students Technical Symposium MECHONANCE'16 was conducted by the Department of Mechanical Engineering on 2<sup>nd</sup> 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.

**Dept. of ECE:****ONE-DAY GUEST LECTURE ON “MICROCONTROLLERS & APPLICATIONS”**

A One-Day Guest Lecture on “Microcontrollers and Applications” was organized by the Dept. of Electronics & Communication Engineering, on 6<sup>th</sup> 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.

**A SIX DAY WORKSHOP ON VLSI DESIGN**

“A six day workshop on VLSI Design” was sponsored by TEQIP-II. The aim of the workshop was to upgrade the technical ability of the faculty members and M. Tech students in VLSI Design using various VLSI design tools. Prof. **Dr. M. B. Srinivas**, Dean, 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, Bangaluru and Mr. Ravi M. Tupad, Sanaris Technologies, Bangaluru were the resource persons for the workshop.

**AN INTERACTION WITH SRI G. THIRUMALA RAO, FORMER SCIENTIST OF ISRO & GM – COMSAT**

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





**Department of CSE:****NATIONAL LEVEL TECHNICAL SYMPOSIUM "GMOCS-2K16"**

A National Level Technical Symposium "GMOCS-2K16" was organized by the Department of CSE on 13<sup>th</sup> 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.

**A TEN DAYS TRAINING PROGRAMME ON BIG DATA ANALYTICS SPONSORED BY BIG DATA INITIATIVE DIVISION DEPT.OF SCIENCE & TECHNOLOGY (DST)**

It 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.

**A ONE DAY WORKSHOP ON "MASSIVE OPEN ONLINE COURSES – MOOCS" FOR PRINCIPALS AND FACULTY OF DEGREE COLLEGES**

A one-day workshop on MOOCS was organized by Dept. of Management Studies & Computer Applications. Dr. G. Hampamma, Vice Principal (Administration), Dr. B. Rama Kumar, Vice Principal (Academics), Dr. D. Pradeep Kumar, Head, Department of Management Studies and Dr. Ganala Santhoshi, Head, Department of Computer Applications, Principals & Faculty of nearby degree colleges participated in the programme.

**Dept. of MCA:****GLOBALEDIFY LAUNCHPAD PROGRAM – 2016**

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. Pratiyan 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.



**Dept. of MBA:**

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

NCCMP was conducted for MBA I Year II Semester Students on 13<sup>th</sup> April 2016. Prof Ch. Rama Prasad Rao, Dean IIC, 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.

### **ONE DAY WORKSHOP ON "FINANCIAL INCLUSION – OPPORTUNITIES & CHALLENGES"**

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

**Dept. of Mathematics:**

### **ONE-DAY NATIONAL LEVEL TECHNICAL SYMPOSIUM - PHOTON'16**

The 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.

**Campus Lecture Series:**

### **CAMPUS LECTURE SERIES: VOLUME-16 "R FOR DATA SCIENCE" WAS ORGANIZED BY RRC CELL – MITS ON 29 - 30 JUNE 2016.**

"The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn."- Alvin Toffler. A Campus Lecture on "**R for Data Science**" was conducted on 29<sup>th</sup> and 30<sup>th</sup> of June 2016 from 2PM to 5PM at CAD Lab. This lecture was attended by 36 participants on 29<sup>th</sup> June 2016 and 31 participants on 30<sup>th</sup> 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.

**Alumni Association Dept. of MBA:**

### **ALUMNI INVITED LECTURE**

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



**Ph. D's awarded:**

- Mr. Ramesh Reddy, Assistant Professor from the department of Mathematics received the degree of Doctor of Philosophy.

**Workshops, conferences, seminars attended by Faculty Members:****Dept. of EEE:**

- 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.

**Dept. of ME:**

- V. Ajay, Dept. of Mechanical Engg, 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.
- 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.

**Dept. of ECE:**

- Dr. R. Velmani, Senior Assistant Professor, attended a one-Week Workshop on Introduction to Cryptology organized by National Institute of Technology, Tiruchirappalli 30 May - 4 June 2016.
- 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.
- 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.
- Dr. G. Hari Krishnan, Mr. M. Jagadeesh Babu, Mr. S. Arun & Mr. J. T. Pramod, Teaching Faculty 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.
- 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.
- 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 18<sup>th</sup> of June 2016.

**Dept. of CSE:**

- 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.
- Mr. Jagan Mohan Reddy, Assistant Professor, attended a one-day Conference on the topic IBM Developer Connect 2016 KTPO, Bangalore 17 June, 16.

**Dept. of MCA:**

- Dr. Ganala Santoshi, Assistant Professor attended a program- Management Capacity Enhancement Programme for Administrators organized by IIM Tiruchirappalli - Chennai Campus from 20-06-16 to 24-06-16.

**Dept. of BS&H:**

- Dr. R. Logudurai, Dr. K. Chandramohan attended a Six-day Workshop on "Energy Conversion and Storage" (ECS-2016) organized by IIT Hyderabad from 09-05-16 to 14-05-16.

**Publications of Faculty Members:****Dept. of ECE:**

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."
- 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.

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.
- 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.
- 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.

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.
- 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).

**Department of Computer Science:**

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.

Dr. R. Kalpana,

- "TAR: TOA–AOA Based Random Transmission Directed Localization", Wireless Personal Communications, Volume 10, Issue 2, 15 March 2016, PP 889-902.
- "Fusion for Image Based Human Age Estimation", Intelligent Automation & Soft Computing, 16 Sep 2016, PP 1-5.
- "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.

**Department of Chemistry:**

B Mohan, KH Park.

- "Superparamagnetic copper ferrite nanoparticles catalyzed aerobic, ligand-free, regioselective hydroboration of alkynes: Influence of synergistic effect, Applied Catalysis A: General."

**Dept. Of Physics:**

- G. Uma, P.S. Brahmanandam, and Y.H. Chu, "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.
- G. Sowjanya, Ch. Basavapoorima, L. Rama Moorthy, J. Kaewkhao, and C. K. Jayasankar, "Synthesis and characterization of red emitting Eu<sup>3+</sup>-doped YBO<sub>3</sub> Phosphor", Key Engineering Materials, ISSN: 1662-9795, 675-676 (2016) 712-717.

**NSS Activities:**

**SECOND INTERNATIONAL YOGA DAY CELEBRATIONS – 2016  
ORGANIZED BY NSS CELL – MITS 21 JUNE 2016**

Second International yoga day was celebrated at MITS, on 21<sup>st</sup> 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.

**Social Activities:**

**WORKSHOP ON FINANCIAL EDUCATION FOR SELF HELP GROUPS**

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



# Editor's Note....



Dear Reader,

MITS quarterly newsletter (**Volume VII/ Issue 3 - July to September, 2016**) is in your hands. Read some of the exciting accomplishments and stimulating strides our students and faculty have made in wide variety of areas. As you flip through the pages you will find sections informative. We are extremely proud of all achievements MITS has attained in the past few months and take immense pride in bringing it out to you.

Reaccreditation of four UG programmes (EEE, ME, ECE and CSE) and accreditation of MBA program by the National Board of Accreditation (NBA) are among the most outstanding developments of the recent months. Many distinguished faculty from IITs, IIIT, NITs, and the Central University background have joined MITS. The freshmen 2016 have been welcomed by their seniors with fun filled daylong 'Fresher's Day' celebration and inspiring address by honorable Supreme Court Justice- V. Gopala Gouda. We are also grateful to the other eminent distinguished guest speakers who shared their insight with us and expanded our knowledge on the new possibilities.

We continue to build on the strong momentum generated previous months during NBA visit to campus in realizing students' success, faculty excellence and cutting edge programs. Now we are geared to forthcoming NAAC team's visit - a development worth reckoning. Over 100 students have been selected by reputed companies with a decent salary (LPA). On the faculty front, they are striving to reach newer heights by way of publishing in quantity with quality to march on steady growth trajectory.

**With the best wishes to all readers,**

**Editorial team**



## **College News**

### **Conferences/Seminars/Workshops Organized**

- Department of Mechanical Engineering (ME) organized a one-day seminar on 'Career Opportunities for Mechanical Engineer' for III B. Tech. students on 20 July 2016. Dr. Ajay J. Singhal from Manipal University was the resource person.
- Department of ME 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.
- Department of Electronics and Communication Engineering (ECE) 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 NI logic 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.
- Department of Management Studies organized a two-day faculty mentoring for Department ED Cell coordinators on 'Entrepreneurship Development' from 15-16 September 2016. Mr. Vikramjit Misra, Regional Manager- NEN, Hyderabad was the resource person.



### **Guest Lectures Arranged**

#### **Department of Civil Engineering (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.

#### **Department of Electrical and Electronic Engineering (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 3<sup>rd</sup> year EEE students on 16 August 2016. Mr. Bala Krishna Singam, Vice-President- Solution Development at Essential Energy, Bengaluru was the resource person.

### 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. In association with IIC organized a lecture on 'Geometrical Dimensioning and Tolerancing' on 9 August 2016. Dr. A. Raghunath, the founder of Aditi Consultancy Services, Bangalore, was the speaker
- 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 Computer Science and Engineering (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 IIC) 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 IIC) 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 IIC) 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. Vankat was the resource person.



## 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, CEO-Vendext, Bangalore, was the resource person.

## Department of Chemistry

- Organized a lecture on "Laser Rader 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.



## 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.

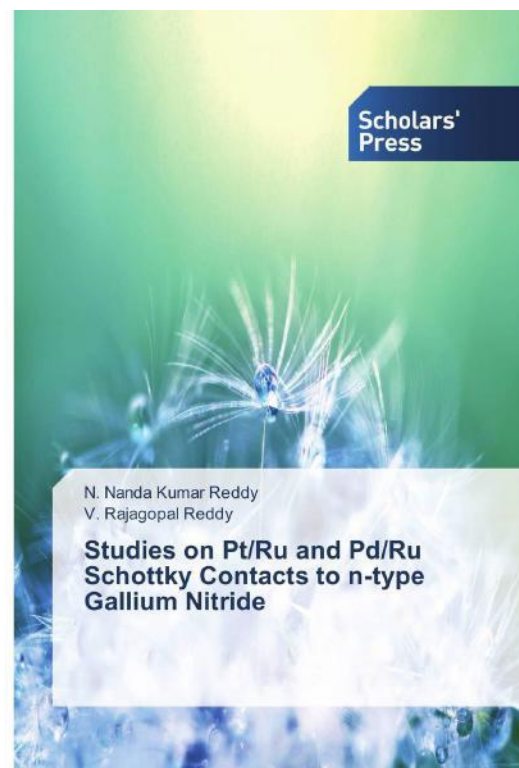
## Faculty News

### Ph.D. Awarded

- Dr. P. Chandra Babu Naidu from the Department 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.

### 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.



**Research/Conference Papers Published****Department of ECE**

Mr. 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.

Dr.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.

Dr A. R. Reddy

- 'EFASBRAN: Error Free Adaptive Shared Buffer Router Architecture for Network on Chip' Procedia Computer Science/Elsevier Vol: 81, pp. 261-270, August 2016 , ISBN/ISSN: 1877-0509

Dr. 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.

**Department of CSE**

Dr. 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.

Dr. R. Kalpana

- "Fusion for Image Based Human Age Estimation", Intelligent Automation & Soft Computing, pp. 1-5,16-09-16

Dr. 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.

Dr. V.T. Kesavan

- "Authentication in Wireless Sensor Networks Using Dynamic Keying Technique", International Journal of Intelligent Engineering & Systems, Vol.9, No.3, pp. 146-155, 2016.
- "Cluster- based Secure Dynamic Keying Technique for Heterogeneous Mobile Wireless Sensor Networks", China Communications, pp. 178 – 194, 14 July 2016, ISSN: 1673-5447.

Dr. 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.

Mr. 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.



**Department of Computer Applications**

Dr. C. 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**

Dr. 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.
- 'Race, Culture, and Class Discrimination in Manjula Padmanabhan's Beads', International Journal of Research in Social Science, Vol. 6 Issue 11.
- 'Social Perspectives in KV Raghupathi's Between Me and the Babe' Poetcrit. Vol. 29 , Issue 2, July 2016.

Dr. RasheedaBegam

- 'Portrait of Spirituality, Morality and Redemption in Wise Blood' International Journal of Research in Social Science, Vol. 6, Issue 11, 2016.

**Department of Mathematics**

Dr. A. Subba Rao

- 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
- A. Subba Rao, V.R. Prasad, K. Harshavalli and O. Anwar Beg, "Heat Transfer and Thermal Radiation Effects On Non-Newtonian Fluid In Variable Porosity Regime With Partial Slip", Journal of Porous Media(JPM), Vol. 19, No.4, pp.313-329(2016).Impact factor: 0.807;**DOI:** 10.1615/JPorMedia.v19.i4.30
- Nagaradhika. V. and Subba Rao. A. "Free Convection in a vertical annular cylinder in porous media with effect of viscous dissipation" International Journal of Recent Scientific Research, Vol.7, No.7, pp.12614-12624, 2016.

Dr. GouseMohiddin

- Jeelani Begum. S, B. Maheswari, S. GouseMohiddin, 'Independent and Irredundant Functions Of Quadratic Residue Cayley Graphs', International Journal of Computational Science, Mathematics and Engineering (IJCSME), Special Issue on Computational Science, Mathematics and Biology IJCSME- SCSMB-16-March-2016, ISSN-2349-8439, DOI: 10.18645/IJCSME.SPM.0005.
- K. Venkatadri, S. GouseMohiddin, M. Suryanarayana Reddy, 'Heat and Mass Transfer Effects past a Vertical Cone with Thermal Radiation in Non-DarcianPorous Media', International Journal of Computational Science, Mathematics and Engineering (IJCSME), Special Issue on Computational Science, Mathematics and Biology IJCSME- SCSMB-16-March-2016, ISSN-2349-8439,DOI: 10.18645/IJCSME.SPM.0004.

Dr. P. Kalpana

- 'Statistical modelling on growth rates of Groundnut crop from 1990 to 2014, in India', International Journal of Engineering & Scientific Research, Vol. 4, Issue 10, 2016, ISSN 2347-6532

Dr. P. Devaki

- S. Sreenadh, NagaJyothi. N, and Devaki. P, 'Analysis of magnetic field on the peristaltic transport of Johnson -segalman fluid in an inclined channel bounded by flexible walls', International Journal of Current Research, 8 (2), 26617-26634, 2016
- P. Devaki, K. Vajravelu, and S. Sreenadh, 'Peristaltic Pumping of a Casson Fluid in an Elastic Tube', Journal of Applied Fluid Mechanics (4), pp. 1897-1905, 2016.
- Naga Jyothi. N, Devaki. P, and S. Sreenadh, 'Effect of Thickness of Porous Lining on the Peristaltic Transport of a Conducting Fluid in an Inclined Channel Bounded by Flexible Walls Coated with Porous Material', International Journal of Engineering Research and Management, 3(9), pp. 40-46 .

### Department of Chemistry

Dr. 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, Int. J. Pharm. Bio. Sci., 7(1), pp. 546-551, 2016.
- P. Mathi, G K Veera Machaneni, K. Kranthi Raj, V R Talluri, B. Venkata Raman, M. Botlagunta, 'Invitro and in silico characterization of angiogenic inhibitors from Sophora interrupta', Journal of Molecular Modelling, 22(10):247, pp. 1-12, 2016.

Dr. P. P. George

- P. P. George, I. Genish, S. Maklouf, Y. Koltypin, A. Gedanken, RAPET (Reaction under Autogenic Pressure at Elevated Temperatures) Technique Assisted Synthesis of Encapsulated CdE@C [E=S, Se and Te] Nanocrystallites, International. Journal of Nanoscience., 2016, In Press, DOI: <http://dx.doi.org/10.1142/S0219581X16500320>.
- R. Yuvasravana, P. P. George, 'A Green Protocol for Synthesis of  $MAI_{22}O_{44}$ , M=Cu, Mn, Co] Spinel Under Microwave Irradiation Method, International. Journal of Nanoscience., 2016, In Press, DOI <http://dx.doi.org/10.1142/S0219581X16500332>.

Dr. Arunbabu Dhamodaran

- D. Arunbabu, S. M. Noh, J. H. Nam, and J. K. Oh, 'Thermo reversible Self-Healing Networks Based on a Tunable Polymethacrylate Crosslinker Having Pendant Maleimide Groups', Macromolecular Chemistry and Physics, 2016, In Press, DOI: 10.1002/macp.201600330.

Dr. K. Seeni Meera

- K. Seeni Meera, R. Murali Sankar, S. N. Jaisankar, and A. B. Mandal, 'Studies On Biocompatible surface-Active Silica Aerogel and Polyurethane-Siloxane Cross-Linked Structures for Various Surfaces', Encyclopedia of Biocolloid and Biointerface Science 2V Set, Ed. Ohshima, H. (2016), John Wiley & Sons, Inc., Hoboken, NJ, USA. DOI: 10.1002/9781119075691.

Dr. M. Balaji

- M. Balaji, H. Kang, K. H. Park, 'Phosphine and palladium-free synthesis of aryl and alkenylboronates: A nano-catalytic approach', *Catalysis Communications*, 85, pp. 61-65. 2016.

Dr. K. Mohan Kumar

- K. Mohan Kumar, S. Godavarthi, T.V.K. Karthik, M. Mahendhiran, A. Hernandez-Eligio, N. Hernandez-Como, V. Agarwal, and L. Martinez Gomez, 'Green Synthesis of S-doped Rod shaped anatase TiO<sub>2</sub>Microstructures', Materials Letters, 183, pp. 211-214, 2016.
- K. Mohan Kumar, S. Godavarthi, E. Vázquez Vélez, M. Casales Díaz, M. Mahendhiran, A. Hernandez-Eligio, M. G. Syamala Rao, and L. Martinez Gomez, 'Green Synthesis of hausmannitenano Crystals and Their Photocatalytic Dye Degradation and Antimicrobial Studies', Journal of Sol-Gel Science and Technology, 80(2), pp. 396-401,2016.
- B. Syed, M. N. Nagendra Prasad, B. L. Dhananjaya, K. Mohan Kumar, S. Yallappa, and S. Satish, 'Synthesis of Silver Nanoparticles by Endosymbiont Pseudomonas Fluorescence CA 417 and Their Bactericidal Activity', Enzyme and Microbial Technology, 2016. In Press, DOI: <http://dx.doi.org/10.1016/j.enzmictec.2016.10.004>.
- R. Lakshmiathy, K. Mohan Kumar, N. Anvesh Reddy, G. Srinivas, and K. Chandra Mohan, 'ZnS nanoparticles Capped with Watermelon rind Extract and Their Potential Application in Dye Degradation', Research on Chemical Intermediates, 1-11, DOI: 10.1007/s11164-016-2700-y.

#### **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.

##### **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" conducted at JNTUA, Ananthapuramu on 16 July.
- 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.

##### **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.
- Dr. Ch. Srinivas Rao attended one-day workshop on "Crafting Powerful Questions" conducted at JNTUA, Ananthapuramu on 16 July.

- Subba Rao attended a DST-SERB sponsored two- day national seminar on "Recent Advances in Additive Manufacturing" organized by Department of ME from 19-20 August 2016.
- Mr. Subba Rao attended an 'International Conference on Advanced Materials, Management and Thermal Sciences' organized by Department of ME and Department of Industrial Engineering and Management from 23-24 September 2016 at Siddaganga Institute of Technology, Tumkur, Karnataka.

#### **Department of ECE**

- 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, JNTUACEA in collaboration with Sapience Consulting under the Texas Instruments India University Program.
- Dr. Thamarai, Prof. and HoD, attended a three-day 'IUCEE Engineering Pre-certification Workshop on Effective Teaching' (designed and coordinated by Dr. Veena Kumar, Prof. University of Maryland and former Prof. & Chair- Education Technology IIT Delhi) organized at Thiagarajar College of Engineering, Madurai from 8-10 August 2016. Dr. Claire Komivies, Prof. San Jose State University was the resource person.
- Dr. D. Rajaveerappa, Mr. J. T. Pramod, Mr. D. Girish Kumar and Mr. M. Karthikeyan attended a two-day workshop on "Outcome Based Learning", Phase-VI organized for MITS faculty members at Birla Institute of Technology and Science, Pilani ( Hyderabad Campus) from 26 – 27 August 2016.

#### **Department of CSE**

- Mr. Y. C. A. Padmanabha Reddy, Ms. Komala A., and Mr. D. Kasi Viswanath attended NASSCOM Train the Trainers (ToT) Module-II program jointly organized by APSSDC and NASSCOM at Acharya Nagarjuna University, Guntur from 6-10 July 2016.
- Dr. V. Thirupathy Kesavan and Mr. V. C. Bharathi attended a "Five-day Professional Development Program on Digital India Initiative: Effective Utilization of Cloud Technology, e-Governance and IT Infrastructure" conducted by Andhra University, Visakapatnam, from 18 - 22 July 2016. This program was initiated by SPFU (AP) and sponsored by TEQIP-II and organized by IT Division, ECSI, Hyderabad.
- Dr. V. Bhoopathy and Dr. R. Kalpana attended a two-day workshop on "Outcome Based Learning", Phase -VI organized for MITS faculty members at Birla Institute of Technology and Science, Pilani (Hyderabad Campus) from 26 – 27 August 2016.
- Mr. P. Venkata Sai Chandra Kanth and Mr. C. Narasimha attended a 'Faculty Improvement Program on Google Android Developer Fundamentals' organized by APSSDC at Vasireddy Venkatadri Institute of Technology, Guntur from 6-10 September 2016.
- Mr. G. Hemanth Kumar Yadav attended a 'Faculty Improvement Program on Cloud Computing' organized by APSSDC & CCICI at VVIT (Vasireddy Venkatadri Institute of Technology) Nambur, Guntur from 22-25 September 2016.

#### **Department of Computer Applications**

- Dr. R. Parthiban, participated in the TEQIP sponsored one- day workshop on "Content Management System", organized by Department of CSE, Thiagarajar College of Engineering, Madurai, on 29 August 2016.



- Dr. R. Parthiban participated in a two-day workshop on “Network Simulator – NS3”, organized by the Department of CSE, MepcoSchlenk Engineering College, Sivakasi, from 30 -31 August 2016.

#### **Department of Management Studies**

- Dr. Mohd. Mujahed Ali attended a workshop on ‘Financial Econometrics and Its Applications’ organized by Gokhale Institute of Politics and Economics from 29 August to 4 September 2016.
- Dr. Somasekhar and G. attendedan “International Conference on Marketing, Technology and Society – Prediction of Shopper’s perceptual Differences in Traditional Retain Stores through Discriminant Analysis” at IIM-Kolkata, from 29 September to 1 October 2016.

#### **Department of English and Foreign Languages**

- Dr. A. Madhusudhana Rao attended a one-day workshop on ‘The Battle of Chalk and Mouse: The Effective Way of Class Room Teaching’ conducted by Cambridge English in Hyderabad on 16 July 2016.
- Dr. B. Rasheeda Begum, Asst. Professor & HoD, attended a six-day workshop conducted from 23 - 29 August 2016 at the Indian Institute of Management Indore. The workshop was conducted to inculcate innovative teaching methodologies, yield strategic thinking from groups and move organizations in an innovative direction.

#### **Department of Mathematics**

- A. Subba Rao attended a DST-SERB sponsored two-day national level seminar on ‘Recent Advances in Additive Manufacturing’ organized by Department of Mechanical engineering during 19 to 20August 2016 at MITS, Madanapalle, AP.
- A. Subba Rao, N. Nagendra, K. Madhavi, V.R. Prasad and G.S.S. Raju presented a paper on ‘ A Numerical Study on MHD and Heat Transfer Analysis in a non-Newtonian Eyring- Powell Fluid from an Isothermal Sphere with Thermal Slip’, on 23-24 September 2016 at Siddaganga Institute of Technology, Tumkur, Karnataka.
- A. Subba Rao attended an ‘International Conference on Advanced Materials, Management and Thermal Sciences’ organized by Department of Mechanical Engineering and Department of Industrial Engineering and Management from 23-24 September 2016 at Siddaganga Institute of Technology, Tumkur, Karnataka.

#### **Department of Physics**

- Ms. Usha Mandadapu, research scholar, attended a conference on ‘Environmental and Renewable Energy’ on 21 August 2016 at Trinity Isle Hotel, Bangalore to present a paper on “A detailed MATLAB Modeling of Photovoltaic Module”.
- Dr. Virendra Kumar Varma, Asst. Professor & HoD Physics, attended a two-day conference and exposition on ‘Energizing South 2016: Smart – Reliable – Sustainable Power’ under TEQIP-II from 22-23 August 2016 at Bangalore.

#### **Department of Humanities**

- Dr. Prashant Gupta attended a roundtable discussion on ‘Implementation of National IPR Policy: Stakeholders Expectations’ on 22 July 2016. Indian Government policy approved the first National IPR Policy of India on 12th May 2016. Confederation of Indian Industry (CII) in association with Centre for Intellectual Property Rights and Patent Facilitation Services- Osmania University organized this discussion at Hotel Taj Krishna, Hyderabad.

**Welcome - New Faculty**

**Department of ECE**

- Dr. Sathees Kumar Natraj (Univerisiti Malaysia Perlis, Malaysia) joined as Sr. Assistant Professor on 3 Aug 2016.
- Mrs. S. Usha Rani (Ph. D. submitted to IIT Madras) joined as Assistant Professor on 3 August 2016.
- Dr. Roshan Kumar (Ph.D. from IIT Roorkee) joined as Sr Assistant Professor on 24 August 2016.
- Dr. S. Rajasekaran (Ph.D. from Anna University) joined as Sr. Assistant Professor on 26 August 2016.
- Mr. Gajendra Sharma (Ph. D. submitted to IIIT Allahabad) joined as Assistant Professor on 26 August 2016.
- Mr. Pradeep Kumar (M. Tech. from MITS, JNTU Ananthapur) joined as Assistant Professor on 19 Sep 2016.
- Ms. S. Ayesha Tanveer (M. Tech. from MITS, JNTU Ananthapur) joined as Assistant Professor on 28 Sep 2016.
- Mr. V. Mustafa (M.Tech. from MITS, JNTU Ananthapur) joined as Assistant Professor on 28 September 2016.
- Mr. S. Shakirbasha (M. Tech. from MITS, JNTU Ananthapur) joined as Assistant Professor on 28 Sep 2016.

**Department of CSE**

- Dr. Dhirendra Kumar Sharma (Ph.D. from IIT Dhanbad) joined as Sr. Assistant Professor on 11 July 2016.
- Dr. Najumudheen E. S. F. (Ph.D. from IIT Kharagpur) as Professor on 8 September 2016.

**Department of English and Foreign Languages**

- Dr. R. Rushula Devi (Ph.D. from Sri Venkateswara University, Tirupathi) joined as Asst. Professor on 1 July 2016.
- Dr. Parul Saxena (Ph.D. from Jiwaji University, Gwalior) joined as Asst. Professor on 10 August 2016.
- Dr. Akhil Kumar Jha (Ph.D. from English and Foreign Language University, formerly CIEFL, Hyderabad) joined as Asst. Professor on 7 September 2016.

**Department of Chemistry**

- Dr. R. Balaji (Ph. D. from IIT Bombay) joined the department as Professor/Research Officer on 22 June 2016.

**Welcome New Staff**

- Dr. N. Kalpalatha (Ph. D. from S. V. University, Tiruapti) joined the central library as Assistant Librarian on 19 August 2016.

**Student News**

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

S.No	Company Name	Event Date	Salary (LPA)	CSE	ECE	EEE	MEC H	MBA
1	VENDEXT (INTERNSHIP)	20-07-2016	2.5 LPA					30
2	CAPGEMINI	16-9-2016	3 LPA	13	22	2		
3	NTT DTA	24-9-2016	3 LPA	8	8			
4	DIVUM	24-9 -2016	2.4 LPA	3				

**Industry visit**

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

**Sports news**

- 70<sup>th</sup> Independence Day- Kabaddi Matches at MITS was rganized by Sports Club on 19 -20 August 2016. The CSE Department team played amazingly against Mech. Department in the final and won the winner title.

## 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 emphasized on the utmost importance to discipline and responsibilities of parents. All Heads of the Department demonstrated their department's academic achievements. They illustrated 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 and ECE in association with the Industry IIC for the final year and pre-final year students for three days from 18 - 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 1<sup>st</sup> year B. Tech./M. Tech./MBA and MCA students. The managers of 'Vijaya Bank and IDBI Bank' of Madanapalle branch provided detailed information to our students.
- Fresher's day was celebrated on 17 September with great enthusiasm. The Chief Guest of the program was V. Gopala Gouda, sitting judge, Supreme Court of India, New Delhi. He stressed on the need for the students to explore possibilities to face challenge. Dr. N. Vijaya Bhaskara Choudary, Chairman Sri. N. Krishna Kumar, and the guest of honor Sri. Challapalli Narasimha Reddy addressed the students and gave their valuable suggestions. The prizes were distributed to the winners of various games conducted for fresher's day.



## NSS Activities/Community Service Programs

- Madanapalle Institute of Technology & Science, NSS Wing and Andhra Jyothi , organized a plantation program (Vanbharati) in college premises on 12 July 2016. MITS stood first.



- Dr. K. V. V. Raju, Program officer NSS, went with the students to Sangam function hall to observe the survey program. The Government of Andhra Pradesh has launched Smart Pulse Survey (SPS) for enhancing quality of services and benefit programs in two phases 6 - 31 July 2016 and from 6-15 August 2016 in the entire state. Mr. M. Viswanath, Madanapalle Municipal Commissioner, visited our college on 6 August 2016 to train all our students.
- '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 the 70<sup>th</sup> Independence Day celebrations (freedom rally and sporting) events on 15 August 2016. Vice Principal - Administration, Dr. G. Hampamma, started the rally with a green flag and NSS program officer gave patriotic slogans. Physical Director, R. Rajesh Williams along with the students participated in the rally with great enthusiasm and spirits. Students also carried banners and national flags to focus on the theme of 'YAAD KARO QUR-BANI'. The rally started from the college and reached Angallu centre and the students made a '**MANAVAHARAM**' and uttered loudly the patriotic slogans exhibiting patriotism.



- Students of MITS along with Dr. N. Kumarswamy, Dean RRC, and faculty members visited '**Sri Chowdesri Old Age Home**' located at Vayalpadu, Chittoor district on 24 July 2016 to donate food to all inmates as a 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 experience the joy of serving and being with them.





## MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC AUTONOMOUS)

Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapur  
(An ISO 9001 - 2008 Certified Institution)

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## MITS NEWS

VOLUME 6, ISSUE I JULY - DEC 2015



### MITS received an Outstanding Award

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



### MITS signed MoUs

- MITS has signed an MoU with Holy Mary Institute of Technology & Science, Hyderabad on 11 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.
- MITS has signed an MoU with National Stock Exchange of India Ltd (NSE) on 22 December 2015. The main objective of this MoU is to bridge the gap between Academia and Industry.



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



### Research Projects

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.

Dr.Neti Subrahmanyam, Professor, Dept. of MBA, received Rs. 0.60 Lakhs from BSE-IPF, Mumbai for project for a period of 6 months.

### New Courses

MITS has introduced three Foreign Languages for the Students and Faculty namely Japanese, German and Spanish in the Department of English & Foreign Languages.

### Conferences/Seminars/Workshops organized

- Department of MCA organized a Work Shop “ENRICH” on 30<sup>th</sup> December, 2015. Dr.C.Yuvaraj, Principal was the Chief Guest at the Inaugural Function.
- Dept. of Mathematics celebrated “National Mathematics Day” on 22<sup>nd</sup> December, 2015 on the eve of 128<sup>th</sup> birthday of great mathematician Srinivasa Ramanujan.
- Department of MCA organized a Graduates Meet CRESCENDO on 12<sup>th</sup> December 2015. Dr.C.Yuvaraj, Principal was the Chief Guest at the Inaugural Function.
- Department of CSE organized a Two-Day Workshop on "Wave Maker Platform" for the Faculty of MITS and Students on 20<sup>th</sup> and 21<sup>st</sup> November 2015.
- Entrepreneurship Development Cell organized a Two-Day Work Shop “Entrepreneurship Development” on 3<sup>rd</sup> and 4<sup>th</sup> November 2015. Sri M.V. Somasekhar, Chief Manager, National Small Industries Corporation, Hyderabad was the Chief Guest and Resource Person at the Inaugural Function.
- 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.



Department of MBA organized a work shop on 'Financial Education' by SEBI Empanelled Resource Person - Dr. Mohd Mujahed Ali, for the MBA students was inaugurated by Dr. C. Yuvaraj on 19th September 2015 at 03.30 pm, to deliberate on the concept of thrift and savings among students.



Department of MBA organized Four-day National Workshop on "Business Analytics – Tools, Techniques, and Applications", on the 30<sup>th</sup> July to 2nd August, 2015.

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

## Campus Lecture Series

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 28<sup>th</sup> 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.

## Faculty Development Programs attended by the faculty

- Dr. T. Vishnu Vardhan, attended a three day FDP on "CATIA V5 Essentials in Mechanical Engineering" under ISTE Chapter Sponsored by TEQIP II, organized by Dept of ME & IIIC in association with EDS Technologies, Bangalore during 28-30, December 2015.
- Mr. G Sambasiva Rao attended FDP 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.
- Ms. A. Komala attended a three day TEQIP-II sponsored FDP on Intellectual Property Rights (IPR) at SVU College of Engineering, Tirupati during 18-20 Nov 2015.

### Guest Lectures arranged

- Dept of EEE 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. & Sri M. Devendranath Reddy, Convener, E.C.M. & Retd. S.E., A.P.S.P.D.C.L. on 16<sup>th</sup> Dec 2015.
- Dept of Mathematics arranged a Guest Lecture on "Differential Equations & Its Applications" for II B.Tech. students on 25<sup>th</sup> August, 2015. Prof. S. Srinivas, Senior Professor of Mathematics, VIT University was the resource person.
- Dept of CSE & IIC, organized an Expert lecture on "The Art of Co-relating Technologies" on July 22, 2015. Mr.T.K.Venkataraman, Founder and CEO of Nischintha Technologies, Bangalore was the resource person.
- Dept of ME & IIC organized a two day Guest lecture on "Career Opportunities in Various Industries" for III, IV B.Tech(ME) & M.Tech(MD) students on July 21<sup>st</sup> & 22<sup>nd</sup> 2015. Dr. Benu Madhab, Assistant General Manager, Setco Automotive Limited, Vadodara was the resource person.

### STAFF NEWS

#### Ph.D. s Awarded

- Mr. 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.
- Dr. 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 16<sup>th</sup> September 2015.
- Dr. 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 12<sup>th</sup> August 2015.
- Mr. 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 13<sup>th</sup> July 2015.

#### Faculty Achievement

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.

## Book Published

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

## Workshops /Conferences /Seminars attended

### Department of CIVIL

- Dr. M. Chittaranjan, one day National work shop on "Evaluation of Soil Parameters for Numerical Modelling", IIT Madras, Chennai, 4th July 2015.

### Department of EEE

- Dr. C. Kamal Basha & Dr. K. Ramesh, workshop on ABET Accreditation and Program Assessment, Chennai, 28<sup>th</sup> Sep 2015
- Mr. K. V. Satheesh Babu, one-day workshop on "Awareness on Power Systems Simulation Analysis using Mi Power Software", JNTUA, Ananthapuramu, 22<sup>nd</sup> Sep 2015.
- Dr. Rajendraprasad Narne, Orientation Session on "Siemens Centres of Excellence (COE) Clusters in AP", Sri City Business Centre, Sri City, 27<sup>th</sup> Aug 2015.
- Mr. K. V. Satheesh Babu, Mr. M. Lokanatha & Ms. A. Chandrakala, one-day workshop on "Power Systems Simulation Laboratory using MiPower Software", Hotel Fortune Kences, Tirupathi, 7<sup>th</sup> Aug 2015.
- Dr. K. Rajangam, one day workshop on "Awareness on Washington Accord for Outcome Based Education", JNTUA Ananthapuramu, 4<sup>th</sup> Aug 2015.

### Department of ME

- Dr. B. Eswar Kumar, Integrating Projects and Design in Core Engineering Courses, BMS College of Engineering, Bangalore, 20th July 2015.

### Department of ECE

- Dr. G. Hari Krishnan, Conference BSSI -2015 presented paper on Heart Rate Extraction from Electrical Bio-impedance Signal, IIT, Madras, Dec-2015.
- G. Subba Rao and G. Rajiv, Workshop on MEMS & NEMS Design & Fabrication, IIT, Hyderabad, 14- 18 Dec 2015.
- P. Sravan Kumar, B. Vamsi Krishna & G. Sambasiva Rao, Workshop on Wave Maker-Platform, MITS, Madanapalle 20-21- Nov-2015.
- Sai Kumar V, Management Capacity Enhancement Programme for Administrators, IIM Lucknow, 24th - 28th Aug 2015.
- C.K.Hemantha Lakshmi & B. Vamsi Krishna, one day National workshop on "IC Applications using ASLK Kits", JNTUA, Ananthapuramu, 15th July 2015.

### **Department of CSE**

- M.V. Jagannath Reddy, “Management capacity enhancement programme”, IIM Indore, 16 -22 Nov 2015.
- Y.C.A Padmanaba Reddy & D. Kasiviswanath “APSDC-NASSCOM (data analytics)”, CR Rao institute, Hyderabad, 7-11 Dec 2015.
- Y.C.A. Padmanabha Reddy, Workshop-NSQF (National Skill Qualification Framework), Hyderabad, 23 Sep 2015.
- S. Kusuma, Workshop-IEEE Role of women in Engineering, JNTUA, Anantapuramu, 19th Sep 2015.
- Mrs. A. Komala, Management Capacity Enhancement Programme, IIM Udaipur, Udaipur, 7 - 12 Sep 2015.
- G. Hemanth Kumar Yadav, Awareness on IT/ITES Job Roles & Data Analytics, JNTUA Ananthapuramu, 20 Aug 2015.
- S.M. Farooq, ten day Faculty Development Program on DBMS, NIT Warangal, 17 - 27 Aug 2015.
- Y.C.A. Padmanabha Reddy, Workshop-Data Analytics Organized by Education APSSDC, Hyderabad, 3 Aug 2015.

### **Department of BSH**

- 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
- 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.
- Mr. A. R. V. Siva Krishna, Workshop on “Modelling, Simulation and Characterization of Nano-Transistors”, IIT-Kanpur, 26 – 30 Oct 2015.
- Dr. S. Victor Vedanayakam, Workshop on “Management Capacity Enhancement Programme (MCEP)”, IIM Tiruchirapalli, 12 – 16 October 2015.
- Dr. P. Venkateswarlu, IELTS, Train the Trainer, British Council, Chennai, 29 - 31 July 2015.
- Mr. P. Ramesh Reddy, Management Capacity Enhancement Programme for Administrators, IIM Lucknow, Noida Campus, 27th - 31st July 2015.
- Dr. R. Thulasiram Naidu, Child Rights and Business Principles, Coimbatore, 17 July 2015.

### **IIC**

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

### **Inter-Department**

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



### Papers Presented in International/National Conferences/Seminars:

- Dr.Santosh Kumar Singh, Dept of EEE, “Optimal estimation of power system harmonics using a hybrid Firefly algorithm-based least square method” Springer/2015/September 2015/ 1- 15.
- M. V. Jagannatha Reddy & Dr. Kavitha, Dept. of CSE, “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.
- Surya Bahadur& S. Rama Chandra, Dept of CSE, Resource diversity Tolerent- Resource allocation in Cloud infrastructure Services, IOSR/Issue-5/Vol-17/2015/Sept.

### Publications in International Journals

#### Department of ME

- 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.
- 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.
- M. Vamsi Krishna, M.Anthony Xavior, optimization of End milling parameters for AL/SIC by response surface methodology, Journal of Advanced microscopy research (ASP), Doi: 10.1166/jamr.2015.1264, Volume no:10, pages 1-11, 2015-Nov.
- 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 ECE

- Meharaj Unnisa, G.R. Hemantha, ARM7 Based Globalized Electronic Voting Machine, IJATIR, Vol. 7, Issue 15, Oct-2015,3015-3018.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 CSE

- 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.
- 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.
- 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.
- 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.
- Mr. B. Krishna Sagar, performance analysis of paas cloud computing system, Volume 3, Issue 5, September-October, 2015,ISSN 2091-2730.
- 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.
- Mr. M.VeereshBabu, Effective Data Centre Management Policy for Cost Reduction, Volume 5, Issue 10, October-2015 ISSN: 2277 128X.
- Mr. M. Srujan Kumar Reddy, Fuzzy Motivated data linkage for self adaptive systems, ISSN: 2278-1323, Vol 4, issue 9, sept 2015.
- Mr. M. Srujan Kumar Reddy, Improving performance of queries on strings using string generation, ISSN: 0976-1353, Vol 18, Issue 1, Oct 2015.
- Mr. M. Prabhakar, Android App Evaluation System to Find Risk Level before Installation, Vol 28, Number 3, Oct 2015.
- Mr. ShabbeerBasha, Reducing for multimedia files using SSL protocol, Vol. 4, Issue-11, ISSN: 2278-9359, Nov-2015.

### Department of BSH

- 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.
- 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.
- 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.
- 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).
- 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).

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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).

### **Publications in International Conferences Proceedings**

- Dr. Veningston, Dept. of CSE, Cloud resource allocation schemes using drip irrigation approach, 27-28 Nov 2015, ISSN: 978-0-9948937-1-0, pp.114-124.
- 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
- 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
- Mr. N. Seshadri, Dept ofMBA, 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.
- 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.
- 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.

### Publications in National Conferences Proceedings

- 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.
- 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 22<sup>nd</sup> to 23<sup>rd</sup> December 2015.
- Dr.P.Kalpna, 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 22<sup>nd</sup> to 23<sup>rd</sup> December 2015.
- 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 22<sup>nd</sup> to 23<sup>rd</sup> December 2015.
- 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 22<sup>nd</sup> to 23<sup>rd</sup> December 2015.
- 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 22<sup>nd</sup> to 23<sup>rd</sup> December 2015.
- 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.

### Book chapters

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

## STUDENTS NEWS

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



A.M.SIVA KRISHNA - IT & N.BHARATHI - ME received gold medals for Academic Excellence of the batch 2011-15 by JNTUA, Ananthapuramu

## Workshops Attended

- P.Naveen Kumar (13691A03A2), M.Nagarajuna Reddy (13691A0396) & P.Keshva Reddy (13691A0361), Ginserv, Bengaluru, 3 Oct 2015.
- G.Nihanth Kumar (13691A03A7), P.Kishore Kumar (13691A0325), P.Naveen Kumar(13691A03A2), M.Nagarajuna Reddy(13691A0396), P.Keshva Reddy(13691A0361) Yantra-15 JNTUA, Pulivendula, 8 & 9 Oct 2015.
- M.Jagadish Murthy (13691A0348) won 1st Prize at Yantra -15, JNTUA, Pulivendula, 8 & 9 Oct 2015.
- K.Praveen Kumar (13691A03B5) & G.Sharif(14695A0314) won 3rd Prize RoboZest, Houston,U.S.A, 9&10 Oct 2015

## Placements

16 for Tech Mahindra,	12 for NTT Data Corporation,	43 for IGATE,
1 for Mindtree,	5 for Glennwood Systems,	7 for CGI (Off-Combined Campus),
5 for Unitch Transfer,	2 for TECH MAHINDRA (BPO),	12 for INET Technologies,
26 for Spandana Spoorthy,	9 for Wipro Technologies (off-Campus)	



## Students Internships

3 for TechO2, 1 for Toyama Power tools, 2 for Mukunda Foods,  
46 for Biztime software (from College-Remote), 6 for Vinzone Technologies,  
10 for Accelerada (from College-Remote).

## Community service programs

- 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

- 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

- First Anniversary Celebration of “Swachh Bharat” was organized on 14th November 2015
- Sardar Vallabhai Patel’s 140th Birthday was celebrated on 31st October 2015
- Mega Blood Donation Camp was organized on 29 October 2015
- Gandhi Jayanti was celebrated on 2nd October 2015
- NSS unit organized a Training Program for Girl Students "SELF DEFENCE", 9 - 10 September 2015.
- 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, Thahasildar of Kurabalakota .



## Sports News

- 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



## Events Conducted

- Departments of Civil Engineering organized Engineers' Day Celebrations on 15 September 2015
- Dept. of BSH organized Anti-Ragging Awareness Programme, on 04 August 2015
- World Youth Skills Days was organized by Skill Development Centre on 15th July 2015 in two Phases I&II. Government has selected ICDS Project which was developed by our students of SDC.
- Orientation Programme for I B.Tech Students was conducted 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.



**COURSES OFFERED**

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*Sri. N. Vijaya Bhaskar Choudary  
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Dr. M.Chittaranjan, CE  
Dr. N.Naveen Kumar, MCA  
Dr. K.V.Geetha Devi, MBA*

**Students**

*Mr. C. Premaja, III CSE  
Mr. G. Muneer Basha, III ECE  
Mr. P. Vinay Kumar Reddy, III EEE  
Mr. K. Narendra, III ME  
Ms. Dakshayani, II MBA  
Mr. Anusha. V, II MCA*

**U.G. COURSES:**

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

**P.G. COURSES:**

M.Tech - Advanced Manufacturing Systems  
M.Tech - Computer Science & Engineering  
M.Tech - Digital Electronics & Communication Systems  
M.Tech - Electrical Power Systems  
M.Tech - Machine Design  
M.Tech - Solar Power Systems  
M.Tech - VLSI & Embedded Systems  
Master of Business Administration  
Master of Computer Applications

**DOCTORAL PROGRAMMES:**

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





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### MITS NEWS

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### Workshops/Events/Conferences organized

- AP Skill Development Center was inaugurated at MITS on 19 January 2015 by our Honorable Chief Minister Sri N. Chandrababu Naidu, which was launched at AP Skill Development Center in Vijayawada.
- Departments of Computer Applications and Management Studies organized a one day event CRESCEDO-2015 on 03 January 2015. Mr. H.A. Jaya Simha, Human Resources Trainer from Bangalore was the chief guest.
- MITS celebrated a two day national cultural fest 'ASHV-15' (The Race of Talent) on 13 March 2015 and 14 March 2015. The fest included events like Larynx Warz, Dance-Vance, Globe theatre, Chefs Corner, Pic-o-rama, Haute Couture, Track and Field events and Bonus Bonanza. Mr. Nara Rohit, film star from Telugu Film Industry was the chief guest. 14 Laptops were awarded to toppers of all branches under Academic Excellence Awards by the Correspondent & Secretary, MITS.



## MITS NEWS

- Dept. of Computer Applications organized a one day National level Technical Symposium “INNOWIZ -2K15” on 18 March 2015. Dr. S. Viswanadha Raju, Professor, JNTUH, Hyderabad, was the chief Guest.
- Dept. of Mechanical Engineering conducted a one day National level Technical Symposium MECHANANCE’15 on 27 March 2015. Prof. B. Durga Prasad, Head Department of Mechanical Engineering, JNTUACE, Anantapuram, was the chief guest.
- Dept. of Electronics and Communication Engineering organized a one day National level Technical Symposium ECLECTICA 2015 on 31 March 2015. Dr. T Ramashri, Professor Department of ECE, S.V. University, Tirupati was the chief guest.
- Dept. of Electrical & Electronics Engineering organized a two day National level Technical Symposium, on “TERA-2K15” on 02 April 2015. Dr. K.R. Prabhu, Assoc. Professor, VIT University, Vellore was the chief guest.
- Dept. of Computer Science and Engineering organized a one day National level Technical Symposium on “GMOCS-2K15” on 08 April 2015. Dr. P. Chenna Reddy, Professor, Department of CSE, JNTUACE, Pulivendula, was the chief guest.
- Dept. of BSH, organized a three day workshop on “Personality development and Motivation” during 29 April - 01 May 2015 under TEQIP-II. Dr. K. Samuel Johnson, Professor, VIT, Chennai, Dr. Jeremy Sunder Raj, Consultant Trainer, Chennai, and Ms. Mala Mary Martina, CEO, Trainer Bangalore, were the resource persons.
- Dept. of Computer Science and Engineering organized a one week FDP on “Cloud Infrastructure Services” during 11- 16 May 2015 under TEQIP-II. Mr. Karthik, Software Engineer from ICTACT, Tamilnadu, was the resource person.
- Dept. of Mechanical Engineering organized the CEO Meet Session on "Careers in Manufacturing Sector & Journey from College to Corporate" on 30 January, 2015. Mr. Galla Vijay Naidu, was the resource person.
- Dept. of Management Sciences, organized a two day National level workshop on “Tally ERP Package 9.0” on 08 February, 2015. Mr. K Srinivas, Goodwill Computer Education Centre, was the resource person.
- Dept. of Mathematics organized a two day National level workshop on “Research Methodologies and Latex” on 21 & 22 February, 2015. Dr. Sarojadevi H. Professor & Head, Department of Computer Science & Engineering in NMAM Institute of Technology, Nitte, Karnataka, was the resource person.
- Dept. of English organized a two day workshop on “Train the Trainer” on 24 & 25 February, 2015. Mr. Siraj and Mr. Vijayanand, were the resource persons.
- Dept. of Mechanical Engineering organized a one day workshop on “ABET Accreditation Essentials & Preparing for Accreditation” on 24<sup>th</sup> February, 2015. The resource person was Dr. Claire Komives, Professor of Chemical Engineering at San Jose State University (SJSU).



- Dept. of Electronics and Communication Engineering organized a one day workshop on “Effective Research Methodologies” in association with IUCEE on 11 March 2015. The Resource Person for the workshop was Dr. Gaurav Sharma professor at the Electrical and Computer Engineering Department at the University of Rochester.
- Dept. of Management Studies, organized 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON INNOVATIVE MANAGEMENT STRATEGIES (ICIMS-2015) sponsored by AICTE on 6& 7 March, 2015 at Fortune Select Grand Ridge, Tirupati. The speakers were Prof. L Venu Gopal Reddy, Chairman, APSICHE, Hyderabad; Prof. P. Murali, Ex-Vice Chancellor, SV University, Tirupati, Prof. Edwin Zappe, Spirit Sense, Austria, Prof Claire Komives, San Jose State University, USA and Lusiana Ndhafa, Lords Ville, JSS, Karasburg, Namibia and Sri. N. VijayaBhaskarChoudary, Secretary and Correspondent, MITS.
- Dept. of Entrepreneurship Development Cell organized a two day National level workshop on “Entrepreneurship Development” on 16& 17 March, 2015. Dr. Samuel Johnson- VIT University, Chennai Campus, was the resource person.
- Dept. of BSH organized a workshop on “Entrepreneurship & Promotion of SMEs: Opportunities and Challenges” on 27& 28 May, 2015. Dr. Chukka Kondaiah, Former Director General of National Institute of MSME, Govt. of India was the chief guest.
- Dept. of Physics organized a three-day workshop on “Pico, Nano and Micro Satellites (PNMSats)” on 23& 24 June, 2015.

## Doctorates awarded

- Dr. C. Kamal Basha, Associate Professor, Department of EEE was awarded with Ph.D. from JNTUA Anantapuram.
- Dr. V. Hanuman Kumar, Associate Professor, Department of CSE was awarded Ph.D. degree by Andhra University, Visakhapatnam.
- Dr. Santoshi Ganala, Assistant Professor, Department of MCA was awarded with PhD by the National Institute of Technology Karnataka, Mangalore.
- Dr. K. Srinivas, Assistant Professor, Department of Management Studies, was awarded with PhD by R.T.M. Nagpur University, Nagpur, Maharashtra.
- Dr. Srinivas Karri, Dept. of Management Studies was awarded with Ph.D. by Rashtrasant Tukadoji Maharaj – Nagpur University.

## Sponsored Research Projects

- Dr. G. Harinath Gowd, Head, Dept. of Mechanical Engineering received Rs. 34.39 Lakh from DST for his Research project.
- Mr. M. Srujan Kumar Reddy, Dept. of CSE received Rs. 52.000 thousands for his Minor Research Project MRP-6094/15(SERO/UGC), Jan 2015 from UGC-SERO, Hyderabad.
- Mr. B. Sudhir, Dept. of MCA, received Rs. 80.000 thousands for his Minor Research Project MRP-6097/15(SERO/UGC), Jan 2015 from UGC-SERO, Hyderabad.
- Mr. M. Gunasekhar Reddy, Dept. of ME, received Rs.3.30 lakhs for his Minor Research Project MRP-6098/15(SERO/UGC), Jan 2015 from UGC-SERO, Hyderabad.

## MITS NEWS

- Mr. BathinaSreenivasullu, Dept. of ME received Rs. 3.85 lakhs for his Minor Research Project MRP-6099/15(SERO/UGC), Jan 2015 from UGC-SERO, Hyderabad.
- Mrs.MR. Indumathi, Dept. of English received Rs. 3.00 lakhs for her Minor Research Project MRP-6144/15(SERO/UGC), Jan 2015 from UGC-SERO, Hyderabad.
- Ms. J. Sivanvitha, Dept. of EEE received Rs. 4.00 lakhs for her Minor Research Project MRP-6095/15 (SERO/UGC), Jan 2015 from UGC-SERO, Hyderabad.
- Mr. S. Ismail, Dept. of MBA received Rs. 1.20 lakhs for his Minor Research Project MRP-6096/15 (SERO/UGC), Jan 2015 from UGC-SERO, Hyderabad.
- Mr. M. JagadeeshBabu, Dept. of ECE received Rs. 4.50 lakhs for his Minor Research Project MRP-6145/15(SERO/UGC), Jan 2015 from UGC-SERO, Hyderabad.
- Mr. V. Satish Kumar, Dept. of ECE received Rs. 3.70 lakhs for his Minor Research Project MRP-6143/15(SERO/UGC), Jan 2015Jan 2015 from UGC-SERO, Hyderabad.
- Mr. K Vasu, Dept. of ECE received Rs. 4.20 lakhs for his Minor Research Project MRP- 5420/14 (SERO/UGC), January 2015 from UGC-SERO, Hyderabad.

### Sponsored Seminars/ Conferences/ Workshops: (Grant sanctioned on 06-05-2015)

- Dept. of Electrical & Electronics Engineering received the grant of Rs. 1.00 lakh from DST, SERB, New Delhi SB/SS/1858/14-15, dt 06-05-2015 for organizing a conference on “Challenges, Approaches and Practical implements of Micro Grids” on 27- 28 August2015.

## DEPARTMENTAL NEWS

### Research papers published/presented in National/International Journals /conferences

#### Dept. of Mechanical Engineering

- Shakella.K,Manu Ravuri, & Gunasekhar Reddy. M, “Predictive machinability of Lm 25 aluminum alloy in CNC turning operation with the help of Taguchi Technique”, May 2015ISSN (Online):23198753 ISSN (Print) 23476710 Volume 4, issue 5.
- P. Rajesh, U. Nagaraju, G. Harinath Gowd &T. Vishnu Vardhan, “Experimental and parametric studies of Nd:YAG laser drilling on austenitic stainless steel” ISSN 0268-3768 DOI 10.1007/s00170 -015-7639-4.
- S. Gouse Seema Begum,A. Bala Raju, “Design And Analysis of Location Clutch Plate Using Ansys” May 2015 ISSN 2349-6495.
- Dr. B. Eswara Kumar,“Response Characteristics of Super- Tall Buildings- Effect Of Number of Sides and Helical Angles.” July 2015 VOL 145, PP: 252-262.
- K. Mohammed Farhood, S. Vajeeha, Dr. T. Vishnu Vardhan & Dr. G. Harinath Gowd “Taguchi Design Optimization Of Machining Parameters In Cnc End Milling Of Nimonic75.” Aug 2015 VOL 2, ISSUE.8, ISSN 2349-6495.

### Workshops/FDPs/Training Programs attended

#### Dept. of ECE

- Dr. Gautam Narayan & Dr. B. Venkata Raman of ECE&Chemistry attended a workshop on “Nuclear Power and related Nuclear Fuel Cycle Programme in India” at ESCI, Hyderabad during 12-15 May 2005.

**Dept. of CSE**

- Mr. Y. C. A. Padmanabha Reddy & Mr. D. Kasi Viswananth, Asst. Profs. of CSE attended a on "Teacher Effectiveness: Nurturing Well-being" at IIT Hyderabad on 01& 02 May 2015.
- Mr. B. Krishna Sagar, Asst. Prof. of dept. of CSE attended a workshop on "Research Methodology and IPR" at JNTU, Kakinada, during 01-30 May 2015.
- Mr. G. R. Hemanth Kumar of CSE attended a Workshop on "Management Capacity Enhancement Programme" at IIM Udaipur during 08 – 13 June 2015.

**Dept. of EEE**

- Dr. A. Anbarasan Prof.of EEE attended a one-day workshop on "Awareness on Various programs for Foreign University Collaborations" at JNTUA Ananthapuramu, on 16 May 2015.
- Dr. B. Rama Kumar Prof. of EEE attended a one-day workshop on "Development of M.Tech. Program Course Structure & Syllabi" at IITH, Hyderabad Campus on 11 May 2015.
- Mr.K.V.SatheeshBabu, Asst. Prof. of EEE attended a two day workshop on "Research Methodology" at Centre of Excellence in Water Resource Management, dept. of Civil Engineering, BITS Pilani Hyderabad Campus on 03 & 04 April.
- Mr. B. Sreenivasa Raju & Mr. M. Kishore Asst. Profs. of EEE attended a workshop on "Power Electronics Applications for Renewable Integration" at IIT Kanpur on 30 March 2015 &01 April 2015.

**Dept. of ME**

- 47 Faculty of CSE, EEE and ME attended a two-day workshop on "Outcome Based Learning" at BITS Pilani-Hyderabad Campus on 17 – 18 April 2015.
- Mr.V.Vamsidhar of ME attended a Two Day International Conference on "Conversations for Advancing Digital India and Make in India' Digital Bharat 2015"at FICCI on 14 – 15 May, 2005.
- Mr. Sreenivasulu Bathina of ME attended One Day Seminar on "Hydroforming and its Applications Light weighting, Product Integrity Improvement, Value" at IMTMA, Pune on 12 June, 2015.

**Dept. of CIVIL**

- Dr. Y. Amarnath Head Dept. of Civil Engineering attended a workshop on "Management Capacity Enhancement Program "at IIM Udaipur during30 March, 2015 to 04 April, 2015.

**RRC of MITS**

- Mrs. Komala Anamalamudi, Research Officer, RRC attended a workshop on "Conference Organizers Workshop 2015" at TCS, Madhapur, Hyderabad on 25 April,15.

**Dept. of MBA**

- Dr.Chandrakanta Sahoo, Asst. Prof. of MBA attended a workshop on" Sustainable Growth through CSR" at New India Express & Public Relation Society of India, Tirupathi on 21 April, 2015.
- Dr. R. Vara Prasad, Asst. Prof. of MBA attended a workshop on one day Management Meet SADHANA – 2K15 at School of Management Studies, SVCET, Chittoor on 21. 2015.

**Dept. of BSH**

- Dr. P. S. Brahmanandam of Physics attended an International Symposium on "Ionospheric Effects" at Boston College, USA during 12 – 14 May, 2015.
- Dr. G. Hampamma, Dr. S. Shanmuga Priya, Dr. B. Rasheeda Begum, Mrs. D. Athar Samina Khan, Mrs. M.R. Indumathi, Mrs. K. Latha, Mr. I. AbhinayIrala, of Humanities attended a workshop on "Train the Trainer" at British Council, Chennai during 25 – 27 May 2005.
- Dr. R. Thulasiram Naidu & Mr. Y. Koteswara Rao, of Humanities attended a two day National Conference on "Management Thoughts from Bhagavad Gita" at Sree Vidyanikethan Institute of Management, A Rangampet, Tirupati on 28& 28 May, 2015.

### Placement Cell

Mr. J. Saravanababu, Senior Placement Officer attended a Training program on “Management Capacity Enhancement” at IIM, Indore during 08 -14 June, 2015.

### Guest Lectures

- Dept. of Chemistry organized a guest lecture on "Quantum Dots and Applications" on 27 & 28 May, 2015. Dr. V. Brahmaji Rao, Senior Professor, School of Biotechnology, Dr. Swami Nathan Research Foundation, was the resource person.
- Dept. of Electrical & Electronics Engineering organized a guest lecture on "Your Right First Job" on 20 April, 2015. Mr. T. Muralidharan, the Founder and Chairman of TMI Group, was the resource person.
- Dept of Electrical and Electronics Engineering organized a guest lecture on Renewable Energy Sources & REC Mechanis” under TEQIP- II on 30 January, 2015. Mr. V. Suresh Babu, Assistant Director, NPTI (PSTI), Bangalore, was the chief guest.
- Dept of Electrical and Electronics Engineering organized a guest lecture on “State of the Art Silicon Photovoltaic Technology” under TEQIP- II on 21 February 2015. Dr. A. Karthigeyan, Asst. Professor (S.G) Dept. of Nano Technology, SRM University, Chennai, was the resource person.
- Dept. of Electrical & Electronics Engineering organized a guest lecture on "Power Grid Concepts & Overview of an EHT Sub-Station” on 15 May, 2015. Mr. S. V. Mahesh Babu, Assistant Divisional Engineer, APTRANSCO, 220 KV Sub-Station, Chittoor was the resource person.

### Students' Activities / Achievements

- Miss. Depika, III B. Tech. CSE and Miss. Aruna and Miss. Arhiya Banu, III B. Tech. ECE were the runners in Tennicoitin the 6<sup>th</sup> Inter Collegiate and Sports meet of JNTUA, Anantapuram held during 27 February – 01 March 2015.
- T. Om Nanda Kishore Reddy, II MCA, won the first prize in paper presentation on “Big Data” in a one day National Level Technical Meet IGNATIA-2K15 at S.V. college of Engineering, Tirupati.
- V. Arun Kumar, II MCA won the second prize and received cash award of Rs.1000/- & a certificate for paper presentation on “Wireless System 5G Technology” in a one day National Level Technical Meet IGNATIA-2K15 at S.V. College of Engineering, Tirupati.
- I B.Tech. Students visited Birla Institute of Technology & Science-Pilani, Hyderabad campus on 26 April, 2015.
- Mr. P. Yoganand Kumar, II MCA won first prize in paper presentation on “System Security” in a one day National Level Symposium PLUX US -2K15 on 22 April 2015 at Sree Vidya Nikethan College of Engineering, Tirupati.
- Miss. C Sowmya Sree, Dept. of Mechanical Engineering received the prestigious **Prathibha award** from the State Government of Andhra Pradesh. She also received Rs. 20/- thousands cash reward, a laptop along with the Prathibha award medal and a certificate by the government of Andhra Pradesh.

## NSS Activities



MITS – the NSS unit organised an awareness programme on Swine Flu along with the free distribution of Homeo Medicine in Angallu Village on 09 February, 2015. The Principal - MITS, the MDO Kurabalakota, the Deputy DMHO Madanapalli, Medical Officer Kurabalakota, nearly 30 Health Workers and the NSS Volunteers actively participated.

## Alumni Activities

Department of Mechanical Engineering, conducted Alumni meet on 07 June 2015 for the B.Tech Students of 2006-10 batch.



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Dr. K. V. Geetha Devi, MBA*

**Students**

*Mr. C. Premaja, II CSE  
Mr. G. MuneerBasha, II ECE  
Mr. P. Vinay Kumar Reddy, II EEE  
Mr. K. Narendra, II ME  
Ms. Dakshayani, I MBA  
Mr. Anusha. V, I MCA*

**COURSES OFFERED**

**U.G. COURSES:**

B.Tech - Computer Science & Engineering  
B.Tech - Electronics & Communication Engineering  
B.Tech - Electrical & Electronics Engineering  
B.Tech - Mechanical Engineering

**P.G. COURSES:**

**M.Tech:**

*Advanced Manufacturing Systems  
Computer Science  
Digital Electronics & Comm. Systems  
Electrical Power Systems  
Machine Design  
Micro & Nano Electronics*

**Master of Business Administration**

**Master of Computer Applications**



## MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC AUTONOMOUS)

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### MITS NEWS

JULY - DEC 2014

VOLUME 5, ISSUE I



### Events conducted/organized

- Department of Mechanical Engineering, organized a two-day 2nd National Conference on “INNOVATIONS IN MECHANICAL ENGINEERING” on 18th and 19th December 2014. Hon’ble Professor Emeritus in Manufacturing Division, Dr. M. Nageswara Rao was the Chief Guest.
- Departments of CSE, IT and Computer Applications organized a one-week Faculty Development Program on “Python” during 12-17 November 2014. The resource person was Prof Jayanth Kirtane, Professor of Computer Science and Engineering at Keshav Memorial Institute of Technology, Hyderabad.





## MITS NEWS

- Entrepreneurship Development Cell organized a one-day workshop on “Entrepreneurship Development” on 7th November, 2014 for all the branches of all final year B.Tech students. The Resource Person was Mr. V. Chaturvedi, Vice-President, Business Development and Collaborations, Indo-American Cancer Hospital and former Registrar of NIMSME, Hyderabad.
- Department of Electrical & Electronics Engineering organized a “Two-Day Workshop on Power System Studies Using ETAP” on 31st October and 1st Nov 2014. 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., Chennai were the resource persons.
- Department of CSE organized a Two-Day National Workshop on “Cloud Computing” on 17th and 18th October 2014. The Chief Guests were Prof. S. Viswanadha Raju, Professor & Head of CSE, JNT University Hyderabad, and Prof. P. Venkata Krishna, Professor in Division of the School of Computing Science & Engineering, VIT University, Vellore.
- Department of Management Studies organized a one-week workshop on “EXCEL” for MBA I Semester students during 08-13 December 2014. Mr. Ravi Kumar of EXCEL SAGE.ORG trained the students on efficient use of Excel.
- MITS organized a Two-day “Faculty Development Program on Teaching an Online Course, using Moodle (Modular Object-Oriented Dynamic Learning Environment) LMS” on 19th and 20th December 2014. Prof. Srinivas of ICT, New Delhi delivered lecture during the sessions.



## Workshops /Conferences /Seminars attended

### Department of CIVIL

- Amarnath Yerramala attended an International Conference on “Sustainable Civil Infrastructure” (ICSCI - 2014), ASCE India Section, 2014, Hitex, Hyderabad, Telangana, India, on 17th and 18th October 2014.

### Department of EEE

- 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 13th October 2014.
- Ms.J.Sivanvitha, attended a Two-day Faculty Development program at Vennar Ceramics Ltd, organized by “Confederation of Indian Industry” was conducted at Bhimavaram on 17th and 18th October 2014.
- Mr. M. Lokesh & Mr. A. Srinivasulu, Assistant Professor of EEE attended a Two-day National Workshop on “Hybrid Power Generation Systems” organized by Central Power Research Institute (CPRI), Bangalore on 16th and 17th October 2014.
- Mr. B. Sreenivasa Raju & Mr. G. Ravi Prakash attended 13th Energy Efficiency Summit 2014 was organized by Confederation of Indian Industry (CII) at HICC, Novotel, Hyderabad from 29th Oct to 1st November 2014.
- Mr. K.V. Sateesh Babu, Assistant Professor of EEE, attended a workshop on “Reliability Applications in Power Distribution System” at Central Power Research Institute (CPRI), Bangalore on 21st November 2014.
- Dr. B. Rama Kumar attended a seven day Workshop on “Management Capacity Enhancement Programme”, which was organized by Indian Institute of Management, Indore, Madhya Pradesh at its Management Development Centre during 27th October to 02nd November 2014, under TEQIP-II.

### Department of ME

- Mr. S. Kareemulla, attended a two-day Workshop on “Industrial visit on Vennar Ceramics” organized by CII, Hyderabad and Vishnu Groups of Colleges on 18th to 19th October 2014.
- Mr. S. Akbar Basha, attended a three-day workshop on “Three day National Workshop in MEMS & NEMS” organized by Jain University, Bangalore during 16-18 October 2014.
- Mr. P.Venkata Ramana, & Mr. CH. Sreenivasa Rao attended a two-day Workshop on “Advance in Thermal Engineering” organized by CBIT, Hyderabad on 28th to 29th November 2014.
- Mr. M. Guna sekhar Reddy attended a one-day Workshop on “Solid Works Innovation Day” organized by Solid Works & Logical Solutions, Hyderabad on 11th November 2014.
- Mr. G. Guru mahesh, Mr. Manu Ravuri, Mr. V. Ajay, Mr. S. Kareemulla, Mr. P. Venkata ramana, Mr. S. Akbar Basha & Mr. Bezawada Sreenivasulu, attended a five day workshop on Pedagogy training programme during 22-26 December 2014.
- Mr. M. Guna sekhar Reddy participated in a one-day Workshop on “3D Experience” organized by De-salt Systems, Bangalore on 10th December 2014.
- Mr. Manu Ravuri participated in a five-day workshop on “Additive manufacturing” organized by IITH, Hyderabad during 1- 5 December 2014.



### Department of ECE

- V. Satish Kumar participated in “Research and Teaching Methodologies in Electrical Engineering” Organized by IIT Hyderabad” on 11th Decemeber 2014.

### Department of CSE

- Mr. S.M. Farooq 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, Anantapuramu on 16th to 17th October 2014.
- 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, during 01-05 December 2014 at IIT Guwahati.

### Department of Computer Applications

- Mr.A Subramaneswara Rao attended 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 on 16th and 17th October 2014 at JNTUA Anantapuramu.
- Mr.A.Althaf Ali attended a two-day Faculty development program in Sree Vidhyanikethan, Tirupathi, on “Recent trends in data mining through informatica”, on 11th December 2014

### Inter- Departmental

- First year faculty attended a workshop entitled, "Outcome based Learning" organized by BITS-Pilani, Hyderabad campus at Hyderabad during 14-16 November 2014.

### Guest Lectures arranged:

- Department of Management Studies, organised a Guest Lecture on “E-Commerce Prospects and Challenges” by Mr. Sandeep Dama, Lotus Partners, Bangalore on 30th December 2014.
- Dr. Shakeel Ahmed , Deputy Secretary UGC, New Delhi visited MITS on 15th November 2014 and discussed the importance of NAAC, Center of Potential For Excellence and activities concerned to the institution and suggested for the improvisation.
- A program on “Personality Development Skills for campus recruitment” was conducted for MBA III semester students during 11- 15 November 2014. Vice Principal, Dr. G. Hampamma, HoD Dr. D. Pradeep Kumar and the two trainers Mr. Sumanta Benerjee and Mr.Vikram Peteru attended the inauguration.

- The Department of EEE organized guest lectures on “Reliability and Risk Analysis for Industries: Challenges & Problems” by Dr. Gopika Vinod, Head, Probabilistic Safety Section, Scientist-G, Reactor Safety Division, Bhabha Atomic Research Centre, Trombay, Mumbai and “Employing Computation Intelligence Methods for Operator Support System” by Mr. Santhosh, Scientific Officer 'E', Reactor Safety Division, Bhabha Atomic Research Centre, Mumbai, India.
- Department of Mechanical, organized a two-day Guest Lecture on “Concepts Of Fem” by Dr. S.V.Prabhu, Dr. Avssks Gupta, Controller of Exams and Professor of Mechanical Department, JNTUH, Hyderabad on 8th and 9th November 2014.

## Papers presented in International/ National Seminars

### Department of Management Studies

- Mr.K.Srinivas, “Strategies for Business Excellence: Challenges and Opportunities” (ICSBE 2014) Malla Reddy College of Engineering, Hyderabad on 26th and 27th December 2014.

### Department of Physics

- 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 during 3- 6 December 2014.
- Dr. V.K.Verma, “Observation of magnetically hard grain boundaries in double – Perovskite Sr<sub>2</sub>FeMoO<sub>6</sub>” in International Journal of European Physics Letters in October 2014.
- “Advances in Electrical, Power Control, Electronics and Communication Engineering” (AEPCECE – 2014), International conference by “Social Welfare Foundation in Association With Krishi Sanskriti” during 13th -14th December 2014 at Jawaharlal Nehru University, New Delhi.
- Dr. M. Raja Reddy, Professor, Department of Physics was a Guest of Honor to present a special talk in a two-day conference on “The role of Nano technology in the field of physical and bio sciences”, sponsored by UGC , SERO Hyderabad on 29th to 30th October 2014 at B. T. College of Arts and Science, Madanapalle.
- Dr. M. Chandra Sekhar, Dr. N. Nanda Kumar Reddy, Dr. S. Victor vedanayakam & M. Raja Reddy, Published an article in International Journal of Optoelectronics and Advanced Materials, ISSN: 1841 –7132, Vol. 16, p. 1295 – 1299 on 11th and 12th November 2014.

## Papers presented in International/ National Journals/Conferences

### Department Civil

- Amarnath Yerramala, Ramachandrudu & C.Bhaskar DesaiV, “ Impact strength of metakaolin ferro-cement Materials and Structures”, DOI 10.1617/s11527-014-0469-2, ISSN 1359-5997, Nov 2014.
- “Properties of concrete with eggshell powder as cement replacement”. The Indian Concrete Journal, P.No. 94-102. ISSN: 0019-4565 Oct 2014.

### Department of ECE

- D.Girish Kumar, “An Embedded Based On Inteligence Auditorium System”, Jetir, Issn-2349-5162, Vol 1 Issue -7, December 2014.
- J.L.Mazher Iqbal, “Arm Based Intelligent System For Surveillance of Computer Applications,Ijca, Vol 107,Pages 12-16, December 2014.
- S.Javeed Hussain, “A Dynamic Algorithms To Isolate Non Cerebral Tissues of Brain Images”, Ijetcas, Page:250, November 2014.
- G.R.Hemantha & K.Chandana “Navigation For The Blind Using Gps Along With Portable Camera Based Real Time Monitoring ”,Ssrg International Journal Of Electronics And Communication Engineering, October 2014.
- C.K. Hemantha Lakshmi&A.Sindura “L2C GPS SIGNAL SIMULAR” International journal of Engineering Research and Technology NOVEMBER 2014.
- Ms. G.Naga Swetha &Mr.Yarragolla Sudhakar “Design And Implementation Of Intelligent Energy Monitoring System For Industrial Machines”, International journal of emerging technologies in computational and applied science (ISECCAS),ISSN-2279-0055,ISSUE-10,VOL4, PAGES: 399-405,September-November 2014

### Department of ME

- Mr. G. Gurumahesh, “Design and analysis of a single seater race car chassis frame” National Conference on Innovations in Mechanical Engineering (NCIME) on 18th and 19th December 2014.
- “Design and model analysis of Moncrone Leaf Spring” in National Conference on Innovations in Mechanical Engineering (NCIME) on 18th and 19th December 2014.
- Mr. M. Subbarao, “Optimization of winds or 650 machine injection moulding parameters to reduce the defects” National Conference on Innovations in Mechanical Engineering (NCIME) on 18th & 19th December 2014.
- Mr. A. Balaraju, “Transient response of automobile suspension system using four wheeler vehicle” National Conference on Innovations in Mechanical Engineering (NCIME) on 18th & 19th Dec 2014.
- “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) on 18th & 19th December 2014.

### Ph.Ds awarded

- Mrs. M.Sreedevi, Associate Professor, CSE Department was awarded with Ph. D from Department of Computer Science & Engineering, SV University Tirupathi, November 2014
- Mr. Prashantham, Assistant Professor English Department was awarded with Ph.D from Department of English, Andhra University, Visakhapatnam, November 2014
- Mr. Mahesh, Associate Professor ECE Department was awarded with Ph. D from Department of ECE, JNTU-ANANTAPUR, November 2014.
- Mr. R. Vara Prasad, Assistant Professor, Dept of Management Studies was awarded with Ph.D. by Sri Krishna Devaraya University, November 2014.

## Research Projects Applied:

- 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 lakh for the duration of 3 years.
- Mr. B.Sudhir, Asso. Professor in Dept. of Computer Application got a UGC minor project worth of Rs 0.80 lakh titled “Decision support system for identifying land type in chittoor and kadapa Districts” for the period of 3 years (2014-16).
- Mr. K. Vasu, Assistant Professor in Dept. of EEE got a UGC minor project worth of Rs.0.42 lakh titled “Investigation of certain control strategies on ‘Brush – Less DC Motor’ with artificial intelligence applications”.
- Ms. J. Sivanvitha, Assistant Professor in Dept. of EEE got a UGC minor project worth of Rs.0.40 lakh titled “Disaggregation of utilities energy consumption & GSM Based communication in Smart meters”.
- Mr. M. Guna Sekhar Reddy, Assistant Professor in Dept. of Mechanical Engineering got a UGC minor project worth of Rs.3.30 lakhs titled “Design and development of hybrid vehicle for physically challenged persons”.
- Mr. Bathina Srinivasulu, Assistant Professor in Dept. of Mechanical Engineering, got a UGC minor project worth of Rs 3.85 lakhs titled “Analysis and optimization of tube hydro forming process parameters for corrosion Resistance material”.
- Mr. M. Jagadeesh Babu, Associate Professor in Dept. of ECE received a UGC minor project worth of Rs.4.50 lakhs 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).
- Mr. V. Satish Kumar, Assistant Professor in Dept. of ECE got a UGC minor project worth of Rs.3.70 Lakh 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).
- Dr. J. L. MAZHER IQBAL, Professor in Dept. of ECE got a UGC minor project worth of Rs.3.70 Lakh titled “3D-Intelligent Information System for Identifying Servicing Action” for the period of 3 years (2014-16).
- Mrs. M.R. Indumathi, Assistant Professor in Dept. of English, MITS got a UGC minor project worth of Rs.3.0 Lakh titled “Effective usage of technology in imparting career skills for academically backward students of Engineering”.
- Mr. M. Srujan Kumar Reddy, Assistant Professor in Dept. of CSE got a UGC minor project worth of Rs 0.52 Lakh titled “Development of a cloud to monitor and track the vehicles at check posts”.
- Mr. S. Ismail, Assistant Professor in Dept. of MBA got a UGC minor project worth of Rs.1.2 Lakh titled “A study on career planning absurd among students and its impact on employability”.
- Dr. M. Raja Reddy, Professor in Dept. of Physics got a UGC minor project worth of Rs.2.40 Lakh titled “Development of organic solar cell architectures for 15% power conversion efficiency”.
- 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, Assistant Professors .
- 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.



## Best Moments

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



## Students Achievements

- Mr. S. Firoz Basha 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 31st October 2014 and secured ‘First Prize’ .
- Sai Praneeth, Shareeq, Mohith Raj, Bhanu Prakash, Ganesh, Ganesh Babu, and Sai Kumar I Year B.Tech students, MITS, bagged I Prize for Presenting a short film on Nature.
- P. Charan Sai 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.

## Social Service Activities

NSS Unit collected the contributions from MITS Management, Staff and the students donated Rs. 7.24 Lakhs (included Students Contributions Rs.1.24 Lakh) (Rupees Seven Lakh Twenty Four Thousand only) to the Hudhud Cyclone Relief Fund. Sri. N. Vijaya Bhaskar Choudary, Secretary & Correspondent, Sri N. Krishna Kumar, Chairman, Dr. C. Yuvaraj, the Principal and student representatives presented the cheques to the Chief Minister of Andhra Pradesh Sri N. Chandrababu Naidu, the architect of Swarnandhra Pradesh, during his visit to MITS, Madanapalle, on 05th November 2014 to take part in the ‘Janmabhoomi-MaaVooru’ - programme.



## NSS ACTIVITIES

- NSS Unit – Two volunteers C.Hema Nandini, III ECE and D. Tejasree Basavadev, II ECE, got selected for State Level Mega NSS camp held at S.V University, Tirupathi during 20-24 December 2014 and performed well on behalf of JNTUA and MITS.
- 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 17th December 2014 where they condemned the massacre and paid tribute to the diseased children.
- 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 24th November 2014.



- NSS Unit organized ‘National Unity Day’ on 31st October 2014 in Angallu on the occasion of the birth anniversary of Sardar Vallabai 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.
- NSS unit organised an awareness programme in view of the "Global Hand washing Day" on 15th 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. Chalapathi-Garu, MDO & Sri Thyagaraju, MEO, Kurabalakota participated and addressed the students.



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Mr.Y.C.A. Padmanabha Reddy, CSE  
Dr.M.Chittaranjan, CE  
Dr.N.Naveen Kumar, MCA  
Mr. Ismail, MBA*

**Students**

*Ms. M. Satya, III ECE  
Mr. Mohammed Kudrathulla. S, III CSE  
Ms. Indusree, III ECE-A  
Mr. Chandra kanth III ME  
Ms. P. Sireesha II MBA  
Ms. Nandini, II MCA*

**COURSES OFFERED**

**DIPLOMA :**

Electronics & Communication Engineering  
Electrical & Electronics Engineering  
Mechanical Engineering

**U.G. COURSES:**

B.Tech - Information Technology  
B.Tech - Computer Science & Engineering  
B.Tech - Electronics & Communication Engineering  
B.Tech - Electrical & Electronics Engineering  
B.Tech - Mechanical Engineering

**P.G. COURSES:**

**M.Tech:**

*Advanced Manufacturing Systems  
Computer Science  
Digital Electronics & Comm. Systems  
Electrical Power Systems  
Machine Design  
Micro & Nano Electronics*

**Master of Business Administration**

**Master of Computer Applications**





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**MITS NEWS**

**JUL 2013 - JUN 2014**

**VOLUME 4, ISSUES 1 & 2**



### **International Conference Organised**

- A Two Day International Conference on “Innovative Management Strategies (ICIMS)” was organised by the Dept of MBA on 7 & 8 March 2014. The chief guest was Dr. Sam Choon Yin, Chair-Research, PSB Academy, Singapore. Dr. N Thi Mong Chou, Head, Brussel School of Management; Dr. Shamim Ahamad, Professor, Aligarh Muslim University; Dr. Sam Choon Yin, PSB Academy, Singapore; Prof. L Venu Gopal Reddy, Chairman-APSCHE; Prof. P Murali, Former-Vice Chancellor, Sri Venkateswar University, Tirupati; Prof. Ramakrisna Reddy, Vice Chancellor, Sri Krishnadevaraya University, Anantapur; Dr. Sam, Dr. Chou; Sri N. Vijay Bhaskar Choudary, Secretary and Correspondence-MITS, Dr. Nitipone, Associate Professor, Khon Kaen University, Thailand; Mr. Ravi Ozha, Manager (F&B), Clark Exotica Resort and Spa chaired the sessions and panel discussions.



### Faculty Development Programme organised

Department of ME organized AICTE sponsored Two-Week Faculty Development Programme on “Fatigue & Fracture Mechanics in Finite Element Analysis” during 3 - 15 March 2014.

Resource persons were Dr.U.Chandrasekhar, Director, ESCI, Hyderabad; Dr.Janakiramulu, Design Chief, Infotech Enterprises Ltd., Hyderabad; Dr.K.S.Raghavan, Discipline Chief, Structures, Infotech Enterprises Ltd, Hyderabad;

Dr.K.Ramajeyathilagam, Sr.Professor, Hindustan University, Chennai; Dr. Dilip K Mahanty, Professor, ME, Mukesh Patel School of Tech, Management & Engg., NMIMS University, Mumbai;

Dr.Kumar K, Manager – Engg., Infosys, Bangalore; Dr.Ganapathi Manickam, Head-Design Validations, Mahindra Satyam; Mr Nitin S Gokhale, CEO, Finite to Infinite, Pune; Mr Subramanya Sastry, Dy General Manager, Infotech Enterprises LTD, Hyderabad; Dr. M Sivasankar, Professor, SKP Engg College, Tiruvannamalai.



### Workshops organised

- Dept of CSE organised a One Week Hands-on Workshop on “WEB APPS IN ZORIN ENVIRONMENT” during 16-21 June 2014. The Resource persons were Dr.Subbarao Ghanta, President of Open KITE, Prof.T.Sreenivasulu Reddy, Asso Prof, School of IT, JNTU Hyderabad, & Mr. NBN Ramesh, Chief Technology Officer, Open KITE.
- Dept of CSE conducted a One Day National Level Workshop on "New Tool Work Light" on 30 January 2014. Mr. Yuktesh, Chintamandaka, IT Specialist & Academic Initiative of Andhra Pradesh & Tamil Nadu, IBM India Pvt. Ltd, was the resource person.
- Depts of CSE, IT & MCA organized a One Day National Level Workshop on “Hadoop & Big Data Analytics” on 17 February 2014. Mr Shamshad Ansari, CEO & President of Accure Pvt. Ltd, Bangalore was the resource person.
- Dept of EEE organized a Two Day National Level Workshop for Students on "Earthing Technologies in Power Systems" under IIC through TEQIP-I, on 06&07 March 2014. H. Jayakumar, Director - Technical Galaxy Earthing Electrodes (P) Ltd, Retd. Joint Director – CPRI Bangalore was the resource person.

## Eminent Personalities at MITS

MITS invited the Chief Electoral Officer of Andhra Pradesh Sri.Bhanwar Lal on 1 Jan 2014 to address the students on Voting. Secretary & Correspondent Sri. N. Vijaya Bhaskar Choudary, Principal Dr. K. Sreenivasa Reddy, the Sub collector of Madanapalle Division Dr. N. Bharath Guptha, MRO of Kurubalakota Mr.Ramaiah participated in the program.

## UGC Minor Projects/other Projects

- Dr. S.Jeelani Begum (Mathematics) was sanctioned Rs. 3.00 Lakhs from UGC for a minor research project to “A study on some Domination Parameters of Quadratic Residue CAYLEY Graphs”.
- Mr. ASubba Rao (Mathematics) was sanctioned Rs. 3.20 Lakhs from UGC for a minor research project to “Thermal Radiation Effects on a Non-Newtonian OLDROYD-B Nano Fluid from a stretching sheet in a Non-Darcy Porous medium”.
- Ms. K. Latha, Dept of English was sanctioned Rs. 2.75 Lakhs from UGC for the minor project titled “English as a tool for Enhancing Employability for Engineering Graduates-A Study”
- Ms. M.Parvathi (English) was sanctioned Rs. 2.75 Lakhs from UGC for the minor project titled “Wise Usage of Technology in English Language Class room by Professional Students-A Study”.
- Ms. D.Athar Samina Khan (English) was sanctioned Rs. 2.70 Lakhs from UGC for the minor project titled “Rendition of English Language in the classes of Higher Education: A Study”.
- Mr. M.V.Jagannadha Reddy (CSE) was sanctioned Rs. 2.05 Lakhs from UGC for a minor research project titled “Expert system to predict the type of fever using Data Mining Techniques on Medical databases”.
- Mr. YCA Padmanabha Reddy (CSE) was sanctioned Rs. 1.85 Lakhs from UGC for a minor research project titled “Semi-Supervised Learning and its applications for image and Document Categorization”.
- Ms. P.Rajarajeswari (CSE) was sanctioned Rs. 2.10 Lakhs from UGC for a minor research project titled “Development of Student Educational Learning System based on mobile cloud computing”.
- Mr. KVV Raju (MBA) was sanctioned Rs. 2.00 Lakhs from UGC for a minor research project titled “Study on Adhaar Card implementation in Chittoor District”.
- Mr. K.Srinivas (MBA) was sanctioned Rs. 2.50 Lakhs from UGC for a minor research project titled “Challenges and Opportunities in Empowering Women of Backward classes through SHG’S in Chittoor District in Andhra Pradesh”.
- Dept of ME got a fund from Institute of Engineers for a project “Development of High Strength Materials for Micro Air Vehicle Structures”.

### National Level Technical Symposia organised

- Dept of EEE organized a One Day National Level Technical Symposium, 'TERA-2K14' on 12 March 2014. Sri. H. Haranatha Rao, General Manager of Projects & IPC, APSPDCL was the chief guest. P.Imdad Basha, Assistant Engineer of A.P. TRANSCO & B. Mouli Chandra, Assistant Professor of EEE, KSRRM Kadapa were the Jury members.
- Dept of MCA conducted a One Day National Level Students Technical Symposium on 'MITS 2K14' on 13 March 2014. Prof B.Satyanarayana, Chairman - Board of Studies, Dept. of Computer Science & Technology, Sri Krishnadevaraya University was the chief guest. Dr. M. Nagendra, Associate Professor, Dept of CST, SK University, and Mr. M. Chandrasekhar, Project Manager, Accenture, Hyderabad were the Jury members.
- Dept of CSE organized a One Day National Level Technical Symposium, on 'GMOCS'14' on 15 March 2014. Dr. Sithu D Sudarsan, Group Manager (Industrial Software Systems) ABB Corporate Research, Bangalore was the chief guest. The jury members were M.Jayapal Reddy ,HOD & Associate Professor, Siddhartha Educational Academy Tirupati and G.V.S.Ananthanath, Associate Professor, Vemu Institute of Technology, Pakala
- Dept of ECE organized a One Day National Student Symposium on VLSI, Embedded Systems & Signal Processing Applications was held on 28 March 2014. Chief Guest-Industry was Ramakrishna Rao (Ramki) Sr Engg Manager, GE Healthcare, Bangalore. Chief Guest-Academics was P.Satya Narayana, Prof of ECE, SVUCE, Tirupati. 220 students participated in the Paper presentations, Poster presentations & Project Exhibition.
- Dept of ME organized a One Day National Level Technical Symposium, MECHONANCE'14 on 29 March 2014. Prof.K.Lal Kishore, Vice-Chancellor, JNTUA, Anantapuram was the chief guest. 25 colleges participated in the event.
- Dept. of Humanities & Basic Sciences organized a One Day Technical Symposium, PHOTON '14 for the I B.Tech students on 11 April 2014. The chief guest Dr. S.V.Prabhu, Professor, Dept of Mechanical Engineering, Indian Institute of Technology, Bombay. Jury Members were Dr.G.V.Subba Reddy (Chemistry), Dr.K.V.Thyagarajan (Physics), Dr.N.Suryanarayana Reddy (Mathematics), Dr.Suresh Babu (PCDS) and Dr.P.Padma (English). 378 students from 22 colleges participated in this symposium.

## Guest Lectures organized

- Dept of ME organized a One Day Guest Lecture on “Latest Trends in New product Development-CNC Machining” on 29 December 2013. Mr G Ajit Prabhu, Director, Edgcam Software & Training Services Kriatec Services Pvt. Ltd. was the resource person.
- Dept of ME organized a Guest Lecture on “Challenges in developing Micro Air Vehicle & Funding Opportunities of Student Projects” on 26 December 2013. Dr. Kariappan Elangovan, country head NAFEMS India was the resource person.
- Depts of CSE & MCA organized a Guest Lecture on "Dot Net Technologies" was conducted on 30 December 2013. The resource person was Sri A.Mahesh, Satya Technologies, Hyderabad.
- Depts of CSE & MCA organized a Guest Lecture on "Computational modelling and Knowledge technologies” was conducted on 12/11/2013. The resource person was Prof Ambuja Salgaonker, Professor & Chairperson, Board of Studies, Dept of Computer Science, University of Mumbai.
- Dept of MBA organized a Guest Lecture on “Role and Responsibilities of a Manager” on the Importance of Management Studies at present scenario. The resource persons were Prof Dayanand Arora, Dept. of International Business, University of Berlin & Ms Damnesia, Project Associate EPIC on 22 Feb 2014.
- Dept ECE conducted a guest lecture on "VLSI Design and Applications" III & IV BTech students on 28 February, 2014. Dr. K Subbarangaiah, Director, Veda IIT, Hyderabad was the resource person.
- Dept of ME organized a Guest Lecture on “INFRARED THERMOGRAPHY” on 11 April 2014. Dr SV Prabhu, Professor, Dept of ME, IIT, Bombay was the resource person.
- MITS organised a Guest Lecture on “Humanizing Engineering Education” on 15 April 2014. The lecture was delivered by Justice B.Chandra Kumar, Judge, High Court, AP in the presence of higher dignitaries.
- MITS organised a Guest Lecture on "Job Orientation" on 30 June 2014. The lecture was delivered by Mr. Mushkin Vally, (MITS alumnus) Area Manager with Coromandel International Ltd. an integral part of the Murugappa group, Chennai.

## Other Events organized

- Department of ME conducted a Training Program on "Introductory Training on Ansys Design Modeler" on 10 March, 2014. Mr. Pankaj P Kulkarni, Corporate Trainer, Innovent Engineering, Bangalore trained the students.





## MIT S NEWS

- MIT S organized Personality Development Programme “Positive Thinking & Personality Development” inviting Swami Srikantanandaji, Ramakrishna Math, Hyderabad as the resource person on 11 March 2014.
- Women Welfare Cell of MIT S organized an Awareness Programme for the girl students and the women staff on “Being Safe! Strong! & Free!” on 14 March 2014. Ms. Chaya Srivatsa, founder of an NGO Guild of Women Achievers (GOWA) & a Mentor for urban, Educated Women was the speaker.
- Department of EEE organized a Session on “Innovations and Patenting Procedures” on 24 April 2014 with an intention to inspire and to haul out the en suited intellectuality of the students of EEE. Dr. B. Venkata Raman, Dean (R&D), MIT S was the Chief Speaker who shared his knowledge & experience with the students on the aforesaid subject.
- Department of ECE organized an Expert Talk on “Fundamentals of Electromagnetic Theory” was for II B.Tech ECE students on 11 & 12 May 2014. This program was presided by Dr. AR Reddy, HOD, ECE. In this program Dr RS Raju, Chief Scientist, CSIR-CEERI Pilani delivered a talk on Basics of Electromagnetic Theory and its applications.

### Project Exhibitions

- Department of EEE organized a Project Exhibition on 05 June 2014. Project expo included various projects done by the students of IV B.Tech EEE. All the Final Year students participated and Project working models were displayed, after close scrutiny. In this expo eight hardware projects and six simulation projects that are developed by the students were displayed. The expo was arranged in view of getting the encouragement as well as constructive suggestions to the students from the eminent scholars of the institution.
- Department of ECE organized a Project Exhibition on May 17, 2014. Project expo included various projects done by IV year ECE students. All the Final Year students participated and Project working models were displayed after close scrutiny. Students had given a detailed explanation on working principle of the domain to the visitors.

### Journey of MIT S Ahead of Advanced Technology

- MIT S procured Turnitin – Anti-plagiarism software, to verify the plagiarism in the softcopy of the M.Tech/Ph.D theses/Research papers to be communicated to check the quality of the work and thereby to improve the quality of the theses/Research papers. MIT S is one amongst the high end users of the software.

- MITS procured GL-11 EPASS bio-metric with in-built finger print which was inaugurated by the Principal on Dec 12, 2013 in the presence of scholarship section staff, AO(Sys) and staff members.
- A step ahead towards computerized library, new software 'Soul' was inaugurated by the Principal in the presence of Librarian, SAO(A&P), staff members and students. Using this software, books can be issued to the students by the automated system.
- Dept of ME constructed separate CAD/CAM lab. In this lab new CNC TURN machine (production type) worth Rs.12,00,000/- was installed.

## STAFF NEWS

### Doctorate Awarded

Ms. S.Thenmozhi, Associate Professor, Dept. of Computer Applications of MITS, Madanapalle was awarded Doctor of Philosophy (Ph.D) by Anna University for the topic "Fault Trusted Hierarchical Resource Allocation and Scheduling for Mobile Grid." under the Guidance of Dr Dr A.Tamilarasi, Professor & Head , Dept. of Computer Applications, Kongu Engineering College, Perundai.

### Book Published

Dr. K.V.Narasimha Murthy published a book "A Stochastic Approach for the Determination of Share Prices- Applications of Stochastic Processes", Lambert Academic Publishing, Germany: 29 Sept 2013.

### Editorial Memberships

- Dr. K. Sreenivasa Reddy (Principal) was appointed as Reviewer for International Journal For Technology Enhancements and Emerging Engineering Research (IJTEEE).
- Dr. K. Sreenivasa Reddy (Principal) was appointed as Reviewer for International Journal of Scientific and Engineering Research (IJSER).
- Dr. G Harinath Reddy & Manu Ravuri, were appointed as Reviewers for International Journal For Technology Enhancements and Emerging Engineering Research (IJTEEE).
- Dr. Seetaiah Kilaru was appointed as Reviewer for International Journals For Advanced Engineering & Global Technology (IJAEAT).
- Dr. Seetaiah Kilaru was appointed as "Editorial Board member" for International Journal of Advancements in Research & Technology IJOART (ISSN 2278-7763).
- Dr. Seetaiah Kilaru was appointed as "Chief Technical Advisory Board Member" of International Journal of Research in Advanced Technology in Engineering.
- Dr. M Suresh Babu(HOD-MCA) was appointed as an Associate-Editor for Bio Info Publications - Advances In Information Mining Journal.
- Dr. M. Suresh Babu (HOD-MCA) & Dr.D.Ashadevi were appointed as Reviewers for IJAEGT.
- Dr. M Suresh Babu (HOD-MCA) & Dr.D.AshaDevi were appointed as International Editorial Board members for GE-International Journal of Engineering Research (GE-IJER) IMPACT FACTOR 3.022

**DEPARTMENTAL NEWS****Papers Published/Presented in National/International Journals/Conferences****Department of EEE**

- K.Vasu, published a paper “ Model Matching Control Of Two-Area LFC” in IJAEE, ISSN: 2319 – 7498, Vol-3, Iss-3, Sep 2013, pp:25-32.
- B Sreenivasa Raju, M Lokesh, “A Simplified SVPWM for Five Level Inverter with DC-Link Balancing” in IJEAT, ISSN: 2249 – 8958, Vol-2, Iss-6, Aug 2013.
- BChandrasekhar " modeling and simulation of three to nine phase using special transformer connection” in IJETAE, ISSN 2250-2459, ISO 9001:2008 Certified Journal, Vol 3, Iss 6, June 2013, pp: 629-638
- M Saran Theja (M.Tech Student)& MVamsi Krishna, “Static and Thermo-Mechanical Analysis Of Disc Brake”,in GJEDT, ISSN 2319-7293, Vol 2, No.3, 2013, pp:12-18.
- CKamal Basha presented a paper entitled "Vector control of speed sensorless Induction motor drive using Stator current based MRAS Scheme” at the International Conference on Innovative Trends in “Electrical, Power Control, Electronics and Communication Engineering” (EPCECE – 2014) organized by “Krishi Sanskriti” held at Jawaharlal Nehru University, New Delhi on 18 & 19 Jan 2014.
- DChinnakullai Reddy presented a paper entitled “Kalman Filter Based Unified Power Quality Conditioner For Output Regulation” at the International Conference on Innovative Trends in “Electrical, Power Control, Electronics and Communication Engineering” (EPCECE – 2014) organized by “Krishi Sanskriti” held at Jawaharlal Nehru University, New Delhi on 18 & 19 Jan 2014.

**Department of ME**

- Bezawada Sreenivasulu published a paper “Effect of Variation Of Width On Static Analysis Of Adhesively Bonded Double Lap Joints In FRP Laminated Composites” in IJEAT, ISSN: 2278-0181, Vol. 2 Issue 7, July - 2013.
- Dr G. Harinath Gowd, Bezawada Sreenivasulu“Modeling & Analysis of performance characteristics of Wire EDM of SS304” in IJITEE, ISSN: 2278-3075, Vol 3, Iss 4, Sept 2013, pp:122-125.
- Dr G.Harinath Gowd , M.Gunasekhar Reddy, K.Chengal Reddy(M.Tech), “Modellind and Analysis of FSAE Car disc Brake using FEM" in IJETAE, ISSN 2250-2459, ISO 9001:2008 Certified Journal, Vol 3, Iss 9, Sep 2013, pp:383-389.
- Dr G.Harinath Gowd , S.Karimulla, K.Divya Teja (M.Tech), “Prediction & Optimization of End Milling Process Parameters Using Artificial Neural Networks" in IJETAE, ISSN 2250-2459, ISO 9001:2008 Certified Journal, Vol 3, Iss 9, Sept 2013, pp:117-122.

- M Saran Theja(M.Tech) & M Vamsi Krishna, “Structural and Fatigue Analysis of Two Wheeler Lighter Weight Alloy Wheel” in IOSR-JMCE, e-ISSN:2278-1684, ISSN:2320–334X.
- M Saran Theja(M.Tech.)& M.Vamsi Krishna, “Static and Thermo-Mechanical Analysis Of Disc Brake” in a Global Journal of Engineering, Design & Technology (GJEDT), ISSN 2319-7293, Vol2, No.3, 2013, Pp:12-18.
- M Vamsi Krishna, M Saran Theja(M.Tech.)&G Shankar (Alumni) “ Design Analysis of Two Wheeler Lighter Weight Alloy Wheel ” in Indian Journal of Engineering, ISSN 2319 – 7757, ISSN 2319 – 7765, Vol 6, No15, Nov 2013, pp:09-21.
- S Akbar Basha, Manu Ravuri& G Guru Mahesh, "Analysis And Optimization Of Automobile Seat Track" in IJSER, Vol 4, Iss11, Nov 2013, Impact Factor-1.4
- S Akbar Basha, “Design and Optimization of Existing Automotive Seat Recliner" in IJERT, ISSN: 2278 – 0181, Vol 2, Iss 9, Oct 2013, pp:2021-2025.
- G Bala Narasimha(M.Tech-11695D1502), MVamsi Krishna, "a review on processing of particulate metal matrix composites and its properties in IJAER, Vol 8, No. 6(2013), pp: 647-666, ISSN:Print:0973-4562, online:1087-1090.
- M Vamsi Krishna & G Balanarasimha (M.Tech-11695D1502) “A Comparative Study on Analytical And Experimental Buckling Stability of Metal Matrix Composite With Fixed & Hinged Ends” in the International Journal of Applied Engineering Research ISSN:0973-4562, Vol9, No. 2(2014) pp.191-196.
- Dr.GHarinath Gowd, B Sreenivasulu, M Gunasekhar Reddy, P Nowshoba “Synthesis and characterization of Hardwickia binata fiber with epoxy” in a Three day International Mechanical Engineering Congress 2014 (IMEC 2014) organized by the dept of ME, NIT ,Tiruchirappalli, during 13-15 June 2014.
- Dr.G Harinath Gowd, S Sharmas Vali, V Ajay & G Guru Mahesh presented & published a paper entitled “Experimental Investigations & Effects of Cutting Variables on MRR and Tool Wear for AISI S2 Tool Steel” in a Three day International Conference on Advances in Manufacturing and Materials Engineering (ICAMME 2014) organized by the Dept of ME, NITK Surathkal during March 27- 29, 2014.

## Department of ECE

- Dr. Seetaiah Kilaru, Dr. J L Mazher Iqbal, published a paper entitled “Public Safety Communication using Relay Node in LTE-Advanced Technology” in IJERT, ISSN: 2278-0181, ISO 3297:2007, Vol. 2 Issue 11, Nov 2013, pp: 1767-1772.
- G Sambasiva Rao, & L Ashok,“ A 0.6V Low-power FGMOS Current Reference with Subtraction Technique” in a Two Day IEEE International Conference on Advances in Engineering and Technology-(ICAET 2014) organized by the dept of ECE, EGS Pillai Engineering College, Nagapattinam on 2 & 3 May 2014.
- P Keerthi, “Implementation of Efficiency CORDIC Algorithm for Sine & Cosine Generation” in IJECE (IOSR-JECE) e-ISSN: 2278 – 2834, p-ISSN: 2278-8735. Vol 6(5), Jul-Aug 2013.



### Department of CSE & IT

- Wilson Thomas published a paper “High Way model Layered data Aggregation Technique for Cell Phone based Wireless Sensor Networks” in (IJAIEEM), Vol 2, Iss 9, Sep 2013 ISSN 2319 – 4847, pp:47-49.
- S.Kusuma & BManoj Kumar (M.Tech.), “A Novel Approach to Privacy Preserving Data Publishing” in (IJARCSSE), e-ISSN: 2277 128X, Print ISSN No. : 2277 6451 Vol 3, Iss8, Aug 2013, pp: 1216-1223.
- P Narasimhulu, M Veeresh Babu & YSrikanth (II M.Tech.-11691D5822), “Combined Keyword Search over Encrypted Cloud Data Providing Security & Confidentiality” in IJCA, ISBN : 973-93-80877-04 -0, 75(4):8-12 Aug 2013, Foundation of Computer Science, New York, USA.
- Wilson Thomas & SH Shabbeer Basha, “Cell Phone Based Wireless Sensor Networks for Social Fidelity Via Cooperative Data Sharing in an “International Journal of Software & Hardware Research in Engineering” (IJSHRE) Vol 2, Iss 6, pp: 46-52, June 2014.
- T Venkata Ramana presented a paper “Scalable and Flexible Access Control in Cloud Computing using Attribute based encryption” in a two day Malla Reddy National Conference On “Information Systems And Knowledge Engineering” (MRNC-ISKE 2013) Under TEQIP- II, S.C-1.1, Technically supported by CSI-Hyderabad Chapter & Indian Society for Technical Education (ISTE), ISBN No.978-93-82163-11-4 on 19&20 June 2013 organized by Dept of CSE/IT/ MCA, Malla Reddy Engg College, Hyderabad.

### Department of Computer Applications

- Dr. N V Muthu Lakshmi, presented " Privacy Preserving Association Rule Mining for Horizontally Partitioned Database Model with Trusted Party Using Arithmetic Progression Based Secure Sum Concept" in a Two Day National Conference on Advances in Computational Intelligence & Computer Engineering, ACICE-2013 organized by the dept of Computer Science, SPMVV, Tirupati on 23 & 24, Oct 2013.

### Department of Management Studies

- Dr. D Pradeep Kumar (HOD) published a paper " A Study On Efficiency Of Indian Public And Private Sector Banks" in IJAFMR, 3(2), pp:33-46, ISSN(Print):2249-6882; ISSN(Online): 2249-7994; Impact Factor(JCC): 4.2123, Rated 2.82/5 (57 Votes), Jun-30 2013.
- Dr. Chandrakanta Sahoo participated & presented a paper entitled “Methodological Framework for Conducting Research on CSR from Community Perspective” in an International Conference on “Dynamics of Rural Transformation in Emerging Economies” Organized by Sambhram School of Management, Bangalore, India School of Economics, Kenyatta University, Nairobi, Kenya on 27 & 28 March 2014.

## Department of ECE

- Dr. M Raja Reddy, Dean (Academics) participated in a Conference on Captive Solar Power Plants organized by Confederation of the Indian Industry, Hyderabad on 18 February 2014.
- Dr. B Venkata Raman, Dean(R&D), published a paper " Inferences from the ADMET analysis of predicted inhibitors to Follicle Stimulating Hormone in the context of infertility" in the Bioinformation Scientific Journal, ISSN 0973-2063 (online),0973-8894(Print), 9(15): 788-791 (2013), pp:788-791.
- Dr. V Ramachandra Prasad & A Subba Rao,"flow and heat transfer of casson fluid from a horizontal circular cylinder with partial slip in non- darcy porous medium", in IJACM, ISSN 2168-9679, Vol 2, Iss 3, 2013.
- Dr. M Chandra Sekhar, "Post deposition annealing influenced structural and electrical properties of Al/TiO<sub>2</sub>/Si gate capacitors" in Super Lattices and Microstructures, ISSN:10963677, 07496036, Vol. 62 (2013), pp. 68-80, Impact Factor: 1.564, H Index: 40. 5-Year Impact Factor: 1.295.
- D.Athahar Samina Khan, "Salman Rushdie, Potential yet Controversial: With Focus on His Religious Perspectives" in Literary Vibes, a Refereed National Journal in English Studies, ISSN 2320 – 6896, Vol II, Issue II, July 2013, pp: 183-187.
- D.Athahar Samina Khan, "assessing and evaluating continuing professional development in IJEL, 4(4): 185-186 - June (2013), Journal Impact Factor (2013): 3.8526 , ISSN Print:2249-6912; ISSN Online: ISSN 2249-8028.
- Dr.S Shanmuga Priya presented a paper "Use of History in the Select Novels of Manohar Malgonkar" in a Two Day National Seminar on Narrative Literature in English and Sanskrit, organized by the dept of English, Rashtriya Sanskrit Vidyapeetha, Tirupati on 3 & 4 Sep 2013 under TEQIP-II.
- Dr.S Shanmuga Priya, "Experiences of South Asian Immigrants in the Novels of Chitra Banerjee Divakaruni and Jhumpa Lahiri", in 42nd Annual Conference of the IAAS organised by the dept of History of SVU College of Arts, SV University, Tirupati during 29 - 31 July 2013 under TEQIP-II.
- MR.Indumathi, M.Parvathi,"Property, Wealth, and the American Dream" from William Faulkner's 'Barn Burning' in IAAS organized by the dept of History, SV University, Tirupati during 29-31 July 2013.
- MR.Indumathi & M Parvathi participated in a Two Day National Symposium on Teacher-Text-Student Interaction organized by the Dept of Humanities, JNTU, Hyderabad during 13-14 Dec 2013.
- Dr. M.Sudhakar Reddy & Dr.N.Nagendra, presented "Peristaltic pumping of a two immiscible Newtonian fluids through a porous medium in a planar channel under the effect of a magnetic field" in the UGC National Seminar on "Recent Developments in Algebra and its Applications to sciences and Technology(NSRDAAST-2013)" organized by the Dept of Mathematics, SK University, Anantapur, Nov 29-30, 2013.
- K.Latha,"Ruskin Bond: A Pioneer of Children Literature in India" at UGC National Seminar on Emerging Trends in Indian Writing in English in 21st Century, organized by Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada in collaboration with Krishna University on 21 & 22 Jan 2014.
- Dr.G.Hampamma," Anita Desai's Winterscape: A Real Picture of Cultural Displacement" at a Three Day International Conference on Cultural Spaces: Canada & India organized by SVU, Tirupati in association with Indian Association for Canadian Studies(IACS) during 27 - 29 Jan 2014.
- M.Parvathi, "Indo-Canadian Diaspora: A Mythical Interpretation", a Three Day International Conference on Cultural Spaces: Canada & India organized by SVU, Tirupati in association with IACS during 27 - 29 Jan 2014.
- MR.Indumathi, "A Love and hate relationship of husband in Alice Munro's 'The bear came over the mountain', a Three Day International Conference on Cultural Spaces: Canada & India organized by SVU, Tirupati in association with IACS during 27 - 29 Jan 2014.
- K.Latha, "Myth Ritual of Akkammadeities by Urumulavaru", The Criterion: an International Journal in English, Vol 5, Issue 3, April 2014, ISSN 0976-8165, pp. 239-243.

### INTERDEPARTMENTAL NEWS

- Sri. N. Vijay Bhaskar Choudary, Secretary & Correspondent (TEQIP-II BoG Chairman), Dr. D. Pradeep Kumar (HOD-MBA &TEQIP-II Finance Nodal officer), Dr. V. Ramachandra Prasad, (TEQIP-II Coordinator) attended a two day TEQIP 2nd Periodic State Level Workshop at JNTUH, Hyderabad on 25 & 26 June 2013.
- Sri. N Vijaya Bhaskar Choudary (Secretary & Correspondent) & Mr. BSreekanth, (SAO-Academic &Planning) attended a “Management Development Programme” on 23-24 Dec 2013 conducted at ISB, Hyderabad in collaboration with SPFU, Hyderabad.
- Dr. BVenkata Raman (Dean, R&D), Dr. RThulasiram Naidu (HOD-Hum),VVamsidhar (ME), B Sreekanth, SAO (A&P) attended “CII’s higher education conclave” organized by the Confederation of Indian Industry (CII) held at Hotel Le Meridien, Coimbatore on Nov 29-30, 2013. The theme of the conclave is Transformational Change in Higher Education: Global Excellence through Governance, Research and Innovation.
- Dr.GHampamma (Vice-Principal)&Ms.Prathibha (SAO),“Management Capacity Enhancement Programme for Administrators” held at IIM, Indore, MP during 24-30 Nov 2013.
- CNarasimha(CSE), K Vasu (EEE), “Pedagogy Training Module – I”, conducted by Education and Educational Management Department, NITTTR, Chandigarh during 25-29 Nov 2013.
- Rayudu Peyyala (ME), M Sreenath Reddy (ECE)& K Vasu (EEE) attended a two day Training programme on "orientation program of Engineering Faculty towards Sponsored Research" under TEQIP-II conducted by NPIU - New Delhi & SPFU AP at Engineering Staff college of India, Hyderabad on 04-05 Oct 2013.
- Dr.NGangisetty (MBA), PPushpa Kumar (Placement Officer-ECE) attended 17th NHRDN Conference “Building Sustainable Organizations during 21-23 Nov, 2013.
- D Athahar Samina Khan (SWO) & Kanimozhi (AO Reception) visited VIT campus to get better ideas for the extension of our working conditions still productive.
- S Vijay Krishna(AAO-Networks), M Vishnu Prasad, (Asst Administrator) visited Bangalore ITE BIZ 2013, the Exclusive Exhibition of IT Products & Applications at Lalit Ashok Hotel, Kumara Krupa High Grounds, Bangalore on 23 Oct 2013.
- MSrujan Kumar Reddy (IT), SVikram Phaneendra (CSE) attended a Nasscom-FSIT Master Training in Technical Skills training program, during 21-28 Oct 2013, Osmania College of Engineering, Osmania University, Hyderabad.
- Rayudu Peyyala (ME), M Sreenath Reddy (ECE), K Vasu (EEE) attended a two day Training programme on "orientation program of Engineering Faculty towards Sponsored Research" under TEQIP-II conducted by NPIU - New Delhi & SPFU AP at ESCI, Hyderabad on 04-05 Oct 2013.
- M.Sridevi (CSE), GR.Hemantha(ECE) attended Pedagogy Training Module–I conducted by Education and Educational Management Dept, NITTTR, Chandigarh from 28 Oct to 01 Nov 2013.
- Dr. S. Murali Krishna (CSE, Nodal Officer EA) & CKamal Basha (EEE) attended a Seven Day Training Programme, “Training on Management Capacity Enhancement for Administrators” organized by IIM Indore with NPIU during 24-30 Sept 2013.

- GR Hemanth Kumar(AO Systems), MDinesh (HR) attended a One Day Workshop on “Video Confluence” organized by Cisco Technologies, Hyderabad on 20 June 2013.
- VVamsidhar (ME), M Venkatasrinu (ECE) attended a Five Day Training Program on Pedagogical Training (Module-I) conducted by dept of Education and Educational Management from National Institute of Technical Teachers’ Training and Research(NITTTR), Chandigarh during 16- 20 Dec 2013.
- Sri. N Vijaya Bhaskar Choudary (Secretary & Correspondent)& B Sreekanth (SAO-Academic &Planning) attended a Three Day International Conference on Transformations in Engineering Education 2014 organized by BVB College of Engg & Tech, Hubli in collaboration with IUCEE sponsored by TEQIP during 16-18 Jan 2014.
- Ch.Sreenivasa Rao (ME) & B. Sukumar (ECE) attended Pedagogical training at Engineering Staff College of India (ESCI), Hyderabad during 20-25 January 2014.
- Dr. M. Sudhakar Reddy (Mathematics) & Dr.S.Victor Vedanayakam (Physics) attended a Workshop “To Share Experiences & Good Practices on Improving Transition Rate of Students” in TEQIP-II institutions at Govt. College of Technology, Coimbatore on 28 January 2014.

## STUDENTS NEWS

- T.Azeemudhin(11691F0005), K.Janardhan(11691F0017) of III MCA students have been selected for JNTU-Anantapur team in Volleyball and Cricket respectively. They represent MITS in South India Inter University Competitions.
- S. Chandra Sekhar Naik(11691A0416) of III ECE got selected for JNTUA University Kho Kho (Men) to play for South Zone Inter University Tournament to be conducted at Calicut on 20 Dec 2013.
- M.Ganga Prasanna(12691E0013), A.Md. Sameer (12691E0024), G.Mahesh (12691E0025) & V.Vasanth Kumar (13691E0104) of II MBA attended TYROS-SLOG 2014, IV National Level Management Fest organized by the Dept of Management Studies, Gates Institute of Technology, Gooty on 6 & 7 January 2014 and secured First Prize in Ad Making.
- P. Anand Kumar (11691A0402) &Y. Mallikarjuna (11691A0452)of ECE presented a paper “Intelligence Amplification System For Military Operations” in KonvergenZ'14, a National Level Technical Symposium organized by KSRM College of Engineering, Kadapa during 11 - 13 February 2014 and secured Third Prize.
- Md.Mansur (10691A0315) & S.Girish (10691A0308) of ME presented a paper “Camless Engine” in A Two Day National Technical Symposium TECHNOVISION-2K14, Organized by Mekapati Rajamohan Reddy Institute of Technology and Science, Nellore on 22 & 23 February 2014
- Md.Mansur (10691A0315) and P. Shanawaz (11695A0305) of ME presented a paper “Pneumatic Camless Engine” in a One Day National Technical Symposium GATES YANTRA-2k14, Organized by Gates Institute Of Technology , Gooty on 26 February 2014and secured First Prize.



### PLACEMENT NEWS

L.Chandrabhas (11695A0504), dept of CSE, was selected for M/S. ARICENT Technologies Ltd. Three for ASA BHANU, two for GOWRI VENTURES Pvt. Ltd, nineteen for HDFC Bank, twenty four for Reliance communications, seventeen for Cognizant Technology, three for NTT DATA Corporation and B.Sravani Final Year B.Tech-CSE-10691a0594 for Infosys Technologies Ltd were selected in the campus recruitment.

### NSS PROGRAMMES

- As part of the world AIDS Day on 1 Dec 2013, MITS NSS unit organised a rally in Madanapalli from NTR circle to Govt. Hospital. Hospital superintendent and R.M.O addressed the gathering in Govt. Hospital highlighting reasons for AIDS attack, affliction and consequent implications.
- An awareness programme on ‘vote and voting system’ was conducted on 13 Dec 2013. Dr. Narayana Bharath Guptha, Sub Collector, Madanapalle was the chief guest for the program.
- MITS-NSS Unit conducted an awareness programme on ‘voting system’ on 4 Dec 2013. Tahsildar Ramaiah addressed students on the general disinterest shown by youth on their right to vote in spite of making strides in entrepreneurship, technology, sports and research.
- MITS-NSS Unit had undertaken a special voter enrollment drive both in college campus and Madanapalle town during 19 to 23 Dec 2013 in which as nearly as 4000 voters enrolled.
- MITS-NSS Unit conducted Quiz, Painting/Drawing, Rangoli, Elocution, Essay Writing competitions to the students on 22 & 23 January 2014 in connection with National Voters’ Day celebrations on 25th January 2014 to create awareness and enable them to propagate a message to the public that the quality of the democracy and formation of responsible government, quite possible with due registration and franchising the vote during the elections.
- MITS-NSS Unit conducted Mega Blood Donating Camp on January 30th & 31st, 2014 with a slogan; “Donate Blood – Be a life-saver” with the help of Indian Red Cross Society, Area hospital, Madanapalle.



## Social Service

- Students of I B.Tech (ECE-D) donated Rs. 19,500/- along with the contribution of Rs. 5000/- from Management for orphans in an orphanage in Madanapalle on 25 January 2014.
- On the request of government services, sponsored nearly 100 students to execute the task of webcasting on the day of polling. Government officials had visited college a week before and organized training for the students in webcasting. Mr. Chandrasekhar, CI of Madanapalle town had given awareness on this webcasting and its significance, to keep a check on illegal activities such as booth capturing, money distribution and bogus voting to bringing about complete transparency. For better broadcasting and monitor LIVE election process from a distant polling station and capture faces of voters coming to vote at PS in a sequence for remote viewing by election officials. This is to spread awareness for public to participate in Free and Fair Elections.

## Alumni Meet

- MITS alumni of 2005-09 Mechanical Engineering attended a meet on 5th Jan 2014. They felt happy about the overall development of the college.

## Patriotic Spirit of MITS

- MITS celebrated 67th Independence Day with patriotic zeal on 15th Aug 2013. Respected Secretary & Correspondent, Sri N Vijaya Bhaskar Choudary hoisted the national flag and accepted the salute and guard of honour by the massive march past of MITS students along with the Principal Dr K Sreenivasa Reddy, Vice Principal Dr G Hampamma followed by the national song. The Secretary & Correspondent reiterated on the significance of the Independence Day and how to safeguard it as citizens of India. He voiced on 'Samaikyandhra movement' and its impact on us in upcoming generations. On this occasion, HOD of Humanities, Dr. R. Thulasiram Naidu presented a CD bearing the National Anthem sung by the 'Nobel laureate of India' Rabindranath Tagore in his original voice. He also presented a brief profile on the Madanapalle town as a house of great freedom fighters and philosophers.



**Chief Patron:**

*Sri. N. Vijaya Bhaskar Choudary,  
Secretary & Correspondent*

**Patron:**

*Sri. N. Krishna Kumar, Chairman*

**Advisory Board:**

*Dr. K. Sreenivasa Reddy, Principal  
Dr. D. Pradeep Kumar,  
Professor & Head, Dept. of MBA*

**Editorial Board**

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Ms. Raju, MBA*

**Students**

*Mr. C.S.Arun Kumar II M.Tech  
Mr. L.Prasanth Kumar, III CSE  
Ms. C.Deepika, III ECE  
Mr. M.Goutham Krishna, III EEE  
Ms.N.Bindu, III ME  
Mr. S.Sagar Reddy, III IT  
Ms. Girija Eureka, II MBA  
Mr. P.Hanok, III MCA*

**COURSES OFFERED**

**U.G. COURSES:**

B.Tech - Computer Science & Engineering/IT  
B.Tech - Electronics & Communication Engineering  
B.Tech - Electrical & Electronics Engineering  
B.Tech - Mechanical Engineering

**P.G. COURSES:**

**Engineering**

M.Tech - Advanced Manufacturing Systems  
M.Tech - Computer Science & Engineering  
M.Tech - Digital Electronics & Communication Systems  
M.Tech - Electrical Power Systems  
M.Tech - Machine Design  
M.Tech - Micro & Nano Electronics

**Management Studies**

Master of Business Administration  
(Specialization-HR, Finance, Marketing, Systems)

**Computer Applications**

Master of Computer Applications

**Dual Degree Courses**

**Management Studies**

Master of Applied Management (BM/BAM/MAM)

**Computer Applications**

Master of Computer Applications (BCA/MCA)

**Doctoral Programs:**

**Engineering**

Computer Science & Engineering  
Electronics & Communication Engineering  
Chemistry  
English  
Mathematics  
Physics

**Management**

Management Sciences

# MITTS NEWS



## MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

Ratakonda Ranga Reddy Educational Society  
 Society Registration Number - 494/97 (Registered Under the Registration of Society Act of XXI - 1860)  
 P.B.No.14, Angallu, Madanapalle - 517 325, Chittoor Dt.  
 Ph. 08571-280255, Fax:280433 www.mits.ac.in



### COURSES OFFERED :

#### P.G .COURSES:

M.Tech in CSE  
 M.Tech in EPS  
 M.Tech in DECS  
 M.Tech in Design

MBA  
 MCA

#### U.G. COURSES:

ECE  
 CSE  
 EEE  
 IT, ME

#### Diploma:

EEE  
 ME  
 ECE



### Editorial

*The rapid technological growth is clearly visible in every aspect of human life in our country. Gone are the days when we used to call India a developing country. It is the time for us to declare ourselves as the citizens of an advanced nation. The global revolution in software industry brought by our engineers and technocrats is evidence to this.*

*In this regard, the maintenance of quality standards in institutions assumes greater significance as the quality of the graduates is decided by the institutions in which they studied. At MITTS, our effort is to make the students worthy enough to meet the challenges and changes of tomorrow. Our effort is recognized when MITTS is selected as one among the 25 private institutions across the country for the implementation of World Bank funded Technical Education Quality Improvement Programme 2011. With this, the responsibilities of MITTS, towards the society, the nation, have been increased. It has made us more committed and also enhanced our inner urge to achieve perfection.*



## VISIT OF EMINENT PERSONALITIES TO MITS.



Secretary/Correspondent Sri N. Vijayabhaskar Chowdary

**Prof. Chernoja**, Chief Executive Director of West Africa Chambers and Industry Federation of Nigeria visited MITS Campus on 14 October, 2011. He conducted an Interactive Session with the faculty of MITS on "Quality of Technical Education" and discussed various aspects of education in his country.



Prof. Chernoja in the ME Dept lab with Prof. Chernoja



Prof. S.Mohan interacting with the staff

**Prof. S.Mohan**, IISC, Bangalore, visited MITS Campus on 13 November, 2011. He conducted an interactive session with the faculty of MITS and noted down their research areas. He guided them with the opportunities available and promised that he would link them to concern research groups in other leading institutes and industry.



## IUCEE WORKSHOPS

Dept of ECE conducted a 5 day international workshop on **EMBEDDED COMPUTING SYSTEMS: FROM PROCESSOR DESIGN TO CODE OPTIMIZATION** from June 20 to 24, 2011. The inaugural function was chaired by the Secretary and Correspondent of MITS, Sri N. Vijayabhaskar Chowdary. In the opening remarks, Dr K. Sreenivasa Reddy, Principal, MITS, highlighted the importance of faculty training on new technologies. Dr. K Soundara Rajan, Professor, JNTUCE, Anantapur, as a Chief Guest, stressed that students should be trained in various skills to make them worthy for industries. Dr Santosh Pande, Professor, Georgia Tech University, USA, as a resource person, indicated the importance of embedded systems and how computers have invaded our lives.



Dept of CSE conducted an international workshop on "Computer Networks" during 13 - 17 June, 2011. Prof. Prasant Mohapatra, Professor and Chair, Department of Computer Science, University of California, USA was the resource person. Prof. M. M. Naidu, former Principal, SVU College of Engg., Tirupati, was invited as the chief guest.

Dept of EEE conducted an international workshop on "Building An Education Research Program in Power And Energy Systems" during 27 June - 1 July, 2011. Dr. Y.V.Shiva Reddy, Professor & Head, Dept of EEE, G. Pulla Reddy College of Engg, Kurnool was the chief guest. Dr.Joydeep Mitra Associate Prof., Department of Electrical and Computer Engg, Michigan State University, East Lansing, USA was the resource person. This workshop aimed at assisting the faculty of electric power and energy systems in designing and building undergraduate and graduate programs.





Dept of ME conducted an international workshop on **Vibration Theory & Practice using Computer Tools** during 30 May - 3 June 2011, for which Dr. C. Nataraj, Professor, Dept of Mechanical Engg, Villanova University, Villanova, USA was the resource person. Dr. K. Hemachandra Reddy, DAP, JNTUA, Anantapur was invited as the chief guest.

An international workshop on **Globally Relevant Electrical & Computing Technology Curriculum** was conducted on 16 & 17 Aug, 2011. Dr. Andrzej Rucinski, Professor of Electrical & Computer Engg, University of Hampshire & Dr. Thaddeus P. Kochanski, President & Founding Director, Vital Electronics Institute Inc. were the resource persons.



## NATIONAL LEVEL WORKSHOPS



Depts. of CSE & IT organized a one day workshop on **“RESEARCH TRENDS IN DATAMINING”** on 14 Oct, 2011. Dr. R.B.V. Subramanyam, Asst Prof, Dept. of CSE, NIT Warangal was the resource person.



The Dept of Biotechnology conducted a National Level Workshop on **“Tools & Techniques in Bioinformatics & Chemiiinformatics”** on 15 Oct, 2011. Prof. K.N.Jayaveera, Head, Department of Chemistry & Former Director-OTRI, JNTU College of Engineering, Anantapur was the chief guest. Mr Shivanandappa, Asst Professor from R.V.College of Engineering, was the resource person. The aim of the workshop was to bring the students closer to the corridor of reputed Bio & Pharma areas in drug discovery.



ECE Department conducted a one day national workshop on **“Digital Image Processing”** on 30 September 2011. Mr V Ganeshan, CEO, Androit Solutions, Bangalore was the resource person for the workshop. He is an expert from industry on Digital Image Processing. During the inaugural session, a seven-minute video on Digital Image Processing and five-minute video on ECE department achievements were shown. A CD containing PPT slides on Digital Image Processing and POSITRON - a departmental newsletter were released by the resource person.



Dept of ME conducted a one day workshop on **“Recent Advances in Mechanical Engineering”** on 24 September, 2011. The resource persons were Dr.K.Gopalakrishna, and Dr.K.Ramanarasimha, Professors, Centre for Emerging Technologies, Jain University, Bangalore. Dr. G. Prashanthi, Professor & Head, Dept of ME, JNTUCE, Anantapur was the chief guest.



Dept of EEE conducted a one day workshop on “Soft Computing Techniques in Power Systems” on 29 September, 2011. Prof. K.S.R.Anjaneyulu, Director I/C, R & D Cell/ 21<sup>st</sup> Century Gurukulam, JNTUCE, Anantapur was the chief guest. The resource person was Dr. M. Surya Kalavathi, Professor, JNTU, Hyderabad.



The Department of MBA conducted a Two day Workshop on “Statistical Applications in Management Research Using SPSS 19” on 20 & 21 Oct 2011. Resource person for the first day was Dr. P. Lavanya Kumari, M.Sc.,Ph.D., PGDCA., PGDAS, Associate Professor - SPW Degree & PG College, Tirupati. Resource person for the second day was Mr. Sathish Kumar N - Statistician from University of Mysore, Mysore, currently working in SPSS South Asia Pvt Ltd, Bangalore.

Department of MCA conducted a one day national level workshop for faculty on 28.10.11. More than 44 faculty attended from various colleges of Andhra Pradesh. Topic of the workshop was **Recent Trends in Software Testing**. Chief guest was Dr. A.Ananda Rao, Principal, JNTUCE, Anantapur. Resource person was Mr.A.Ramesh, Test Leader from HP, Bangalore.



## GUEST LECTURES

Mr. D. Venugopal Chowdary, Test Manager, IBM, Bangalore presented a lecture on **Software testing based on LoadRunner, QTP and QC** on 26.11.2011 for the students of MCA & M. Tech.

Mr. Vara Prasad. Director Southern Refrigerators Ltd., Chennai presented a lecture on **General Management** on 20.09.11 for the students of Management.



## AWARENESS PROGRAMME

An awareness programme on the **Advanced Mobile-Banking Services** was held on 24-11-2011. Sri S.Raghunatha Rao, Customer Relationship Manager & Sri Y.F.W. PrabhakarBabu, Nodal IT Officer from Syndicate Bank participated in this programme and gave a PowerPoint presentation and clearly explained the benefits and uses of Advanced Mobile-Banking Services, i.e., **Interbank Mobile Payment Services (IMPS)**, an instant interbank electronic fund transfer service through **Mobile Phones**.



Dr. P. Seshagiri Rao, Asst. Prof. of Economics  
Introducing Sri S.Raghunatha Rao, Customer Relationship Manager  
& Sri Y.F.W. PrabhakarBabu, Nodal IT Officer

## Entrepreneurship Programme

A seminar on **Ethics in Entrepreneurship** was organized by the Entrepreneurship Cell of MITS on 23 November 2011. The resource person Mr. C. Ashok Kumar, Asst Director, District Industries Centre, Chittoor District spoke about the various issues concerning ethical practices in Entrepreneurship, misuse of loans for personal purpose, explained various government subsidies for the new entrepreneurs and the ways to avail them.



Principal Bothers with Mr.C.Ashok Kumar, Asst Director,  
District Industries Centre,  
Chittoor District after honoring him

## Congratulations to Ph.D Awardees

Prof G.N.Kodandaramaiah, ECE Dept, for the thesis **Vocal Tract Modelling with Dynamic Simulation for Speech Recognition** submitted to JNTUA, Anantapur under the supervision of Dr. M.N. Giriprasad, HOD of ECE, Pulivendula and Dr. M. Mukunda Rao, former IIT professor in Madras, in July 2011.

Mr. B.Vasu, Dept of Mathematics, for his thesis **Thermo - Diffusion and Diffusion - Thermo Effects on Free Convective Boundary Layer flows** submitted to Sri Venkateswara University, Tirupati in August 2011.

Mr. E.Madhusudhana Reddy, Dept of I T, for his thesis titled **Development of Secure Exchange Protocols for Medical Health Insurance System Using RMPJ<sub>k</sub>-RSA Cryptosystem** submitted to Sri Venkateswara University, Tirupati in September 2011.

Prof. Sasikala, EEE Dept, for her thesis **Power Quality Improvement Using Interline Power Flow Controller** submitted to Sri Venkateswara University, Tirupati under the guidance of Dr. V.C.Veera Reddy, Prof of EEE, S.V.U.College of Engg, Tirupati in November 2011.

Mrs. S. Jeelani Begum, Dept of Mathematics, for the thesis **Some Studies on Dominating Functions of Quadratic Residue Kele Graphics** submitted to Sri Padmavati Mahila University, Tirupati under the guidance of Dr. B. Maheswari, Professor & Director, DEC, SPMU, Tirupati in November 2011.

## Publication of Books

Dr G. Suresh Babu, Asst Professor of Phycis, **Studies on Cu<sub>2</sub>ZnSnSe<sub>4</sub> Thin Film as Solar Cell Absorber Layer**, ISBN: 978-3-8454-2324-1, LAMBERT ACADEMIC PUBLISHING, GERMANY, 2011

Dr. S. Gouse Mohiddin, Dept of Mathematics, **Computational Fluid Dynamics**, ISBN: 978-3-8443-9693-5, LAMBERT ACADEMIC PUBLISHING, GERMANY, 2011

## Papers published/presented in International/National Journals/Conferences

### Dept. of BT

Ravindra B. Malabadi, K.Nataraja, **S.Vijayakumar** and Gangadhar S.Mulgund. 2011. Evidence of WUSCHEL (WOX2) gene expression during induction of somatic embryogenesis from apical shoot buds of mature trees of Pinus roxburghii. Research in Plantbiology. 1(4): 77-85.

Ravindra B. Malabadi, Gangadhar S.Mulgund, K.Nataraja and **S.Vijayakumar**. 2011. Induction of Somatic embryogenesis in different varieties of Sugarcane (Saccharam officinarum L.). Research in Plantbiology. 1(4): 39-48.

Gangadhar S.Mulgund, K.Nataraja, Ravindra B. Malabadi and **S.Vijayakumar**. 2011. TDZ induced in vitro propagation of an epiphytic orchid Xenikophyton smeeanum (Reichb.f.). Research in Plantbiology. 1(4): 07-15.

Ravindra B. Malabadi, K.Nataraja, **S.Vijayakumar** and Gangadhar S.Mulgund. 2011. Journey of a single cell to a plantlet via in vitro cloning mature trees of conifers, Reseach in Biotechnology. 2(6): 01-07.

Ravindra B. Malabadi, **S.Vijayakumar**, Gangadhar S.Mulgund. and K.Nataraja. 2011. Induction of somatic embryogenesis in Papaya (Carica papaya). Research in Biotechnology. 2(5): 40-55.

### Dept. of ME

**C.Yuvaraja** and K.V.Sharma, "**Effect of ageing on damping behaviors of Al/SiC-Gr Hybrid Metal Matrix Composites**", International Journal of Engineering and Manufacturing Science (IJEMS), November 2011.



## Dept of ECE

- Mohan H.S and **A. Raji Reddy**, "Performance Analysis of AES and MARS Encryption Algorithms", International Journal of Computer Science Issues(IJCSI), pp.363-368, Vol. 8, Issue 4, No 1, July 2011 ISSN (Online): 1694-0814, (With impact factor of 0.242).
- Mohan H.S and **A. Raji Reddy**. "Improving the Diffusion Power of AES Rijndael with Key Multiplication", International Journal of Computer Applications (IJCA), pp. 39-44, Vol. 30, No. 5, September 2011, ISSN(online):0975-8887 ISBN: 978-93-80864-88-8, (with impact factor of 0.835).
- Mohan H.S and **A. Raji Reddy**. "Securing the Multilevel Information System", International Journal of Computer Science and Information Security (IJCSIS), pp. 29-35, Vol. 9, and No.9 September 2011. ISSN (online): 1947 5500, (with impact factor of 0.423). This paper is published as "best paper" category.
- Mohan H.S and **A. Raji Reddy**. "Revised AES And Its Modes of Operation", International Journal of Information Technology & Knowledge Management (IJITKM), Vol. 5, No.1, Nov 2011 (ISSN: 0973-4414) (with impact factor of 0.475).
- **G. Kodandaramaiah & SAK Jilani**, "English Vowel Recognition using Area Function Approximation by Linear Predictive Analysis", ISSN 2249-0000 Volume 1, No. 2 (2011), pp. 103-110, Global Journal of Computational Intelligence Research. © Research India Publications
- **S A K Jilani** T. Syed Akheel, **K. Kanthamma** and, S. Javeed Hussain and Vekata Narasimhulu "An Efficient Face Recognition Method with FSVDRAND and RBF Neural Network", International Journal of Engineering Research and Industrial Applications (Vol 4 No III August 2011), PP 29-44.
- **S A K Jilani** T. Syed Akheel, and G.N.S Vaibhav, "A Modified Approach for Face Recognition Using Eigen Values", International Journal of Math. Science & Engineering Application", (Vol 5 No. IV, July 2011) Pages 241-251.
- **S A K Jilani** N.Venkatanath, "Image Processing Based Automatic Mesh Quality Analyser", International Journal of Computer Applications in Engineering Sciences", (Vol 1, Issue 11, June 2011) Pages 118-121.
- **S A K Jilani** T. Syed Akheel, **K. Kanthamma** and D. Ramana Naik, "Comparative Study of Face Representation Methods for Efficient Face Recognition Using Singular Features" International Engineering Research and Industrial Applications (Vol 4 No II May 2011) pages 249-266.
- **S A K Jilani** T. Syed Akheel, **K. Kanthamma** and, S. Javeed Hussain "Comparative Study of Face Representation Methods for Efficient Face Recognition- Survey" International Engineering Research and Industrial Applications (Vol 4 No II May 2011) pages 287-304.
- **S A K Jilani** T. Syed Akheel, and **K. Kanthamma**, "Different Methods for Statistical Face Representation – Review" , Oriental Journal of Computer Science & Technology (Vol.4(1) Pages 11-28
- **R. Ravindraiah & Venkat Srinu** "Qualitative evaluation of enhancement methods for analysis of acute leukemia images", IJEST, vol.3 No.8 August 2011.
- V. V. N. Satish Kumar, **M. Sreenath Reddy**, "A Better Approach For Quality Compression of Color Filter Array Data", International Conference on Systemics, Cybernetics and Informatics 2011, pp-472-474.
- **G. Kodandaramaiah**, presented a paper "Vowel Recognition using Area function approximation by LPC" at VEMU Institute of Technology, Chittoor

## Dept of CSE

- S.Nageswara Rao** and C.Shoba Bindhu (JNTUA) "Finding multiple optimal paths in Ad Hoc Networks Based on QOS metrics: Maximum Bandwidth and Minimum Delay", International Journal of Computer Applications (IJCA), vol. 23, no. 7, pp. 35-39, June-2011.
- N. Rajasekhar Reddy**, "Implementation of Tools for Software Viewability", International Journal of advanced Computer Engg., September 2011.
- Y.C.A. Padmanabha Reddy**, "A Selective Incremental Approach for Transductive Nearest Neighbor Classification", IEEE, October 2011.

## Dept of IT

- **E. Madhusudhana Reddy** & M. Padmavathamma, "An E-Commerce Security Solution Using MJ2-RSA Digital Signature", IEEE Digital Explorer, 978-1-4244-9477-4/11, PP 401-406.
- **E. Madhusudhana Reddy** & M. Padmavathamma, "New Variet MJ2-RSA Cryptosystem", IEEE Digital Explorer, 978-1-4244-9698-4/11, PP 142-145.
- **M. Sreedevi**, "Advanced Security Architecture for Multi-homed Virtual Private Networks", American Journal of Security Research, ISSN 1450-223X, August 2011.
- **M. Sreedevi**, "IP sec and VPN Security: Recital Scrutiny and Improvement", The Technology World, Vol. III, Iss: 3, ISSN; 2180-1614, September 2011.

## Dept. of BSH

- ✦ **V.Ramachandra Prasad, B.Vasu** & Anwar Beg, "Thermo-diffusion and diffusion-thermo effects on mhd free convection flow past a vertical porous plate in a non-Darcy porous medium", Chemical Engineering Journal 173(2011) 598-606(Elsevier.com)
- ✦ **V.Ramachandra Prasad**, Anwar Beg, **B.Vasu** & D.Rana Parshad, "Radiation effects on magnetohydrodynamic heat and mass transfer from a horizontal cylinder in variable porosity medium", Journal of porous Media, In Press (BegellHouse.com).
- ✦ **V.Ramachandra Prasad**, Anwar Beg, **B.Vasu** & D.Rana Parshad, "Thermal radiation effects on magnetohydrodynamic free convection heat and mass transfer from a sphere in a variable porosity regime", Communication in Non-Linear Science and Numerical Simulation 17(2012)654-671 (Elsevier.com).
- ✦ **V.Ramachandra Prasad**, N.Bhaskar Reddy, "Thermo-Diffusion and Diffusion - Thermo Effects on MHD Free Convection Heat and Mass Transfer from a Sphere Embedded in a Non-Darcian Variable-Porosity Regime", Sixth International Conference on Dynamic Systems and Applications, May 25-28, 2011, **Morehouse College** Atlanta, Georgia, USA.
- ✦ **B. Vasu, V. Ramachandra Prasad** & N. Bhaskar Reddy, "Radiation and Mass Transfer Effects on Transient Free Convection Flow of a Dissipative Fluid Past Semi-Infinite Vertical Plate with Uniform Heat and Mass Flux", Journal of Applied Fluid Mechanics, Vol. 4, No. 1, pp. 15 - 26, 2011.
- ✦ **G. Hampamma**, "Self-victimization in the Shorter Fiction of Jai Nimbkar", Research Spectrum, ISSN 0976-5964, Vol-2, Issue-2, Aug 2011.

## Dept of MCA

- ✦ **V.Maruthi Prasad** & V.Raghavendra Prasad, "An s-mesh based protocol for peer to peer streaming to serve dynamic groups", Int. Journal of Engg. Sc. & Mgmt., Vol. I Issue II, July-Dec 2011, ISSN No. 2231-3273.
- ✦ **V.Maruthi Prasad** & P. Gopala Krishnan presented paper on "S.Mesh based protocol for peer to peer connection in network security", AITS, Rajampeta, 2011 Sept.
- ✦ **V. Maruthi Prasad**, "Secure SMS with Identity Based Cryptography in Mobile Telecommunication Networks", International Journal of Computer Science & Technology, Vol 2, Issue 4 Oct-Dec2011, ISSN: 2229-4333.

## Dept of MBA

- ✦ **D. Pradeep Kumar & Kanimozhi.R** "Managing Ethics at work place with Solid Codes of Conduct – Global Impact of Indian Management", ISBN: 978-93-81361-15-3. Excel Book Publishers Pp 195 – 205, 2011.

## Conferences/workshops/Training Programmes attended

- ✦ **Dr. A. R. Reddy, V. Sai Kumar & S.Arun**, Dept of ECE, attended ICFOCS, International Conference on frontiers of Computer Science from 7/8/11 to 9/8/11 at IISC, Bangalore.
- ✦ **Mr. C. Venu Madhav**, NSS Programme Officer, attended NSS PO Training Programme organized by Andhra University, Visakhapatnam, at JNTUA, Anantapur, from 16-11-2011 to 22-11-2011.
- ✦ **B. Sreenivasulu**, Dept of ME, attended a one day workshop on "Robot Technology" on 29 September, 2011 at JNTUCE, Antatapur.
- ✦ **V. Maruthi Prasad**, "Secure SMS with Identity Based Cryptography in Mobile Telecommunication Networks", International Journal of Computer Science & Technology, Vol 2, Issue 4 Oct-Dec2011, ISSN: 2229-4333.

## Student News

### Student Project: Voice based Remote Controller

It is a project done by Final year students Y. Lalitha, T. Neha Kavya, K.P. Vyashnavi & D.Prathima under the guidance of **Dr. S.A.K. Jilani**, with the infrastructure of R & D Lab. This project provides a great advantage to patients and the handicapped. It requires microcontroller 8051, voice recognition kit, key pad, relay & microphone. It uses microcontroller for storing the database of previously recorded sounds and for controlling electronic and electrical appliances. Ordinary remote controller consists of buttons and uses infrared rays for line of sight communication which is not required in this case. Just using their voice, disabled patients can control any electronic and electrical appliance with the help of microphone.

- ✦ P. Hitesh & S. Lokesh, III ME, participated in a national symposium, Yantra and presented a paper **Laser Fired De-ignition** at JNTUCE, Pulivendula and won I Prize.
- ✦ M.Lingamaiah & D.Sura Prakesh Reddy, EEE Dept, won II Prize for their paper **Sensorless control of induction Motor using MRAS** presented at PRAVAHA, Rajeev Gandhi Memorial College of Engineering, Nandyal.
- ✦ K.MD.Riyaz Ali, EEE Dept, presented a short film at KLARITAZ-2K11, Quba College of Engineering & Tech, Nellore.
- ✦ Students of ECE C.V. Nihanth(IV A), M Lakshmi Narayana(IV A), K.Varun Kumar Reddy (IV B), P. Sasipavan (III B), N.Naveen (III A), A. Bramha Kumar (II A), K.Sadasiva (II B) attended a three day workshop "ICFOCS" on 7/08/11 - 9/08/11 at IISC, Bengaluru.
- ✦ Sreekanth, Gowthami, Gopalakrishnan and Gireesh, MCA- V Sem participated in TGMC - The Great Mind Challenge – a national level competition for website development and won appreciation certificate for their excellent development of website from IBM centre.

- ➔ B.Lakshmi Bhargavi & M.N.Padma Pavithra, II MCA won I prize in paper presentation at "Anusandhaan 2k11", a national level symposium held at GATES Institute of Technology, Gooty on Dec 3, 2011. •I. Sree Mahalakshmi, II MCA won I prize in Brainstorming at "Anusandhaan 2k11", a national level symposium held at GATES Institute of Technology, Gooty on Dec 3, 2011.
- ➔ K.Karthik Acharyulu & J.Pavan Kumar III ECE, participated in a national symposium, Evince and presented a paper **Pass Transistor Dual Value Logic for Low Power CMOS** at RGIT, Nandyal and won I Prize.

### SPORTS NEWS



A Cricket match was held for teaching and non-teaching staff, on the occasion of Teachers Day. Teaching staff were the winners and the non-teaching staff were the runners. Throw Ball match was conducted for female staff. Prizes were distributed on Fresher's Day.



- ➔ L. Subba Reddy, II year Diploma, is selected for under-19 cricket team in the selections held in Tirupati.
- ➔ M. Rajasekhar, II MBA, is selected for JNTUA Volley Ball Team in the selections held in October 2011 in Nellore.
- ➔ L.P. Prasad, II MBA, is selected for JNTUA Hand Ball Team in the selections held in October 2011 in Nandyal.
- ➔ B.Kumar, IV ECE, is selected for JNTUA Chess Team in the selections held in November 2011 in Proddutur.
- ➔ M. Subramanyam, II Diploma ECE, won I prize in 100mt Running race & II prize in Long Jump in the district level selections, held in Chittoor in November 2011 by State Sports Council.

### Orientation Day

Orientation Day was conducted on 25 August, 2011 to welcome I B.Tech & Diploma students.

Sri N. Vijayabhaskar Chowdary, Secretary/Correspondent, Sri N. Krishna Kumar, Chairman, Dr. K. Srinivasa Reddy, Principal and Heads of all the departments addressed the freshers and their parents.



### Freshers Day

Freshers Day was conducted on 22-10-2011. All the students participated and enjoyed themselves. A mimicy artist Deepak was invited to entertain the students.



### NSS ACTIVITIES

Tree Plantation Programme was conducted on 11-08-2011 by MITS NSS Unit.

• Blood Donation Camp was conducted on the occasion of NSS Day on September 24, 2011 in the campus with the association of Area Hospital, Madanapalle. Elocution and Essay Writing competitions



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