

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

CSE NEWS BULLETIN

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



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Vision

To impart quality in computer science & Engineering education to meet the technological advancements and industrial requirements on par excellence with global standards.

Mission

By providing the students quality technical education through state of the art facilities and consistently keeping the students focused in the emerging technological trends in order to meet the requirements of industries and society.

Student Internship

Conducting internship program for the students of 2nd, 3rd and final year of B.Tech, and M.Tech students from June 2013, collaborated with Unisys.

Placements 2012-2013

Out of 90 registered students 46 have been placed in various multinational companies like Mphasis, Techno soft, SLK Soft, CSS Corp, Syntel, L-Cube, Xchanging, Lotus Digitech, Carevoyant Tech Pvt Ltd, Microland, Tricon Infotech Ltd, IBM (RIS), Convergys, Cambridge Tech, Bob Technologies, Maventic, Serco India, Mahendra Satyam, Quscient Tech, Sonata Software, EXL INFOTEL, Glennwood Systems. And the placement activities are still going on for the current academic year.

“At each increase of knowledge, as well as on the contrivance of every tool, human labor becomes abridged.”

Charles Babbage

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TGMC contest 2012



Extra-Curricular Activities

- + Our students from 3rd year B.Tech S. Yeswanth Kumar, S.poojitha Reddy, P.Somesekar won prize in IDEAHUB and XEPTI PRADARSHAN –A NATIONAL EVENT conducted at svec, Tirupathi.
- + 2nd year students K. Harsha Vardhan has been identified as runners in state level shuttle competition at SEC, Nandyal.
- + 2nd year student N.Kavya participated in national level competition “Split Six” organized at AMRUTHA-VISWA VIDYAPEETEM.
- + Many of our students have participated in “**National Voluntary Blood Donation Camp**” conducted in MITS.
- + Our 10 students from B.Tech 2nd year have participated in the **Great Tree Plantation**” program in MITS.

B.Tech Final Year Projects

All our B.Tech students are eligible to do projects under IBM TGMC program in campus. The students have submitted 50 projects with IBM collaboration in 2013. For the year 2012 48 of our students have submitted the projects under the same scheme. The final year project by N. Harish titled “Paperless Hospital service “was identified as the best project.

Co-curricular Activities

Participating in Cultural Events



Great Tree Plantation



Blood Donation Camp



Releasing the NCAT-2013 Proceedings



“You can’t trust code that you did not totally create yourself.”

Ken Thompson

- Computer Science Engineering & Information Technology Departments of Madanapalle Institute of Technology & Science organized one day National Level Technical Symposium, **GMOCS'13** on 23rd February 2013.



Group photo along with participants



Inaugural function of GMOCS 2013

- A National Level Workshop on **NPTEL Awareness in association with CLASSLE** on 4th January 2013. Dignitaries invited are Resource Person **Vinoth G** - Lead - Campus Relations, Classle Knowledge Pvt. Ltd, Chennai and the Chief Guest Dr. S. Varadarajan, Dept. of ECE, S V University College of Engg.



Lecture by the resource person



Certificate distribution for the outside

- The CSE Department library was inaugurated on 31st January 2013 at 4:00 pm in the gracious presence of principal, vice- principal, HOD's of the various departments and CSE faculty. This auspicious event was started by Mr.N.Gangadhar Reddy, Librarian, central library, MITS. The activities of the library commenced with the lightening of the lamp by Dr.G.Hampamma.

“Any program is only as good as it is useful”

Linus Torvalds



Inauguration of Department Library



Books in Library

- ✚ Department of CSE has provided training for 3rd year and final year students on IBM RAD, RTC, DB2, TGMC by the IBM Technical consultants.



IBM RAD Workshop



IBM TGMC Workshop

Students Achievement during 2012-2013

- ✚ M.Tech student **A.Siva kumar** of title” **Empowering Education through Cloud Platform”** participated in NCAT 2K13 & secured Best paper award.
- ✚ M.Tech student **Kushanoor Akbar** of title “**On Demand Decision Supporting System for Organizations”** participated in NCAT 2K13 & secured Best paper award.
- ✚ M.Tech student **B.Manoj Kumar** of title “**Privacy Preserving Data publishing using slicing”** participated in NCAT 2K13 & secured Best paper award.
- ✚ **Mr. Chandrahas Lankha** bagged **First Prize** for “**The Best Paper In International Conference”** in **InfoSec-2013** participated in “**Two day conference on Information Security”** on 8th and 9th March 2013 conducted by “**C-Dac & Sit-Jntuh” Infosec2013.**

“We’re entering a new world in which data may be more important than software”

Tim O’Reilly

- ✚ **Mr. K.Sreekanth & Mr. P.Somasekhar**, CSE Department presented a Technical paper entitled "**Speech recognition using Artificial Intelligence (AI)**" at Mohan Mantra 2013, a National Level Techno & Cultural fest held on - Feb 22,23 2013 at Sree Vidhyanikethan Engineering College, Tirupati, Andhra Pradesh and won first prize.
- ✚ **Ms. G. Reddy Deepika & Ms. S. Prathibha**, presented a paper titled "**Distributed Ensuring Accountability For Data Sharing In Cloud**" in National Conference on Advanced Computing Application (NCACA2K13) organized by Department of Computer Science, Sri Venkateswara University on February 20, 2013 .
- ✚ **Ms. M.Nikhitha & Ms. K.Navya** of III B.Tech Computer Science and Engineering Department bagged Second Prize for the topic "**3d Holography**" in the paper presentation Category at National Level Symposium organized by SVCE & SVEW, Tirupati Chittoor Dist. - 517 112 , A.P. on 24-01-2013.
- ✚ **Mr. N.Charan Teja & Mr. K.Dinesh**, of III B.Tech Computer Science and Engineering Department bagged Prize FIRST for the topic "**WSN: A New era in networking can make work smarter**" in paper presentation at TECHNOCRATS Organized by Department MCA, Adisankara college of Engineering & Technology, Gudur, Nellore Dated on 29th December- 2012 .

Alumni Activities



Alumni interaction with Students

"A good software engineer will tell you that a compiler and an interpreter are interchangeable"

Tim Berners-Lee

Faculty Column

Faculty Achievements 2012-13

Books Published

- ✚ **Dr. E. Madhusudhana Reddy** Published a book Titled “Enhancement to Selective Incremental Approach for Transductive Nearest Neighbour Classification “Book Publishers by GRIN Verlag Book Published on 02-01-2013.

Journal / Conferences/ Seminars Publications

- ✚ **Mr T. Venkata Ramana**, presented a paper on “**Restoration of Natural Resources in Anantapur District**” at the National Economics Conference 2013 on 10th, 11th & 12th May 2013 at University of Hyderabad, Hyderabad.
- ✚ **Mr. T. Venkata Ramana**, have attended & Presented a Paper entitled “**Genetic Approach for Computing Stock Market Forecating**” in the "PSG-ACM National Conference on intelligent Computing (NCIC 2013)" organized by Dept. of Computer Science & Engineering , PSG College of Technology: Coimbatore, 26-27 April, 2013.
- ✚ **Mrs. P. Rajarajeswari**, presented a paper titled "**Problem Solving process based on conceptual Models**" in a National Conference on Innovations in IT & Engineering IITE2K13), Organised by Department of Computer Science, SVU College of CM &CS, Tirupati, AndhraPradesh, INDIA during 20 and 22 April 2013.
- ✚ **Mr. T. Venkata Ramana**, have attended & Presented a Paper entitled “**A study on Customer lifetime value prediction by a Markov chain based data mining model: Application to an auto servicing in Tata Motors**” in an International Conference on Engineering & Technology-ICET2K13 organized Dept. of Electronics & Communication Engineering , Sri Venkateshwara College of Engineering and Technology, Thirupachur, Chennai, T.N. (18-20 April, 2013).
- ✚ **Mr. T.Venkata Ramana**, presented a paper titled ”**A Study on Security challenges for ubiquitous computing using role based access control system**” in a National conference on Cryptography and network security" Organized by Department of CSE, SVS Group of Institutions, Bheemaram, Hanamkonda, on 22-03-2013 & 23-03-2013.

“Proprietary software is an injustice”

Richard Stallman

- + **Mr. T.Venkata Ramana**, Published a paper titled "**A Study of Cyber Security model in cloud computing environment**" in an International Journal of Futuristic Science Engineering & Technology. Vol 1, Issue 3, Pp-234-242, March, 2013.
- + **Dr E. Madhusudhana Reddy and Mr. S. Mohammad Ghouse** presented a Paper titled "A novel on Transductive Decision Tree" in the Book Titled Advances in Engineering and Technology Series, Year: 2013 ,Paper Type: Book Series, Digital Object Identifier:03.AETS.2013.2.57 Page(s):274 - 278, Volume No: 2 .
- + **Mr. T.Venkata Ramana** presented a paper titled "**Architecture & Components for capture & access applications**" Organized by Sri Ganesh School of Business Management, Attur Main Road, Mettupatti, Valapaddy (Tk),Salem-Dt, Tamil Nadu, INDIA on 22 February 2013.
- + **Mr. R. Sathiyaraj**, presented a paper titled "**Secure Watermark Embedding for Content Distribution Systems**" in Seventh National Conference on Networks, Intelligence & Computing Systems (NCNICS'13), Organised by Department of Information Technology, SNS College of Technology Coimbatore.
- + **Mr. Wilson Thomas**, published a paper titled "**An Energy-aware Technique to Improve the Lifetime of Cell Phone Based WSNs Using ISA100.11a**" in an International Journal of Application or Innovation in Engineering & Management (IJAIEEM), ISSN: 2277-1581), Volume 1, Issue 4, December 2012 ISSN 2319 – 4847, pp28-34.
- + **Mr. R. Sathiyaraj, Mr. N. Sudhakar Yadav and Mr. M. Prabhakar** published a paper titled "**Modelling Real Time Scheduler in OOAD Using UML**" in an International Journal Of Research In Educational Methodology, Vol 2, No .1 December 2012, ISSN:2278-7690, pp 72-76 .
- + **Mrs. M.Sreedevi** presented a paper titled "**A Frame work to Improve Virtual Private Network Architecture for Secure Data Transmission using CMT-PA and Multihoming**", **International Review on Computers and Software (IRECOS)**, Jan-July 2012 Praise worthy prize publications, USA, ISSN: 1828-6003.
- + **Mrs. M. Sreedevi** presented a paper titled "**Self configurable re-link establishment using continuous neighbour discovery in asynchronous wireless sensor networks**", a paper published for International Conference on Computer Science and Information Technology (ICCSIT) ,10th June, 2012,Tirupathi.
- + **Mr. M. Srujan Kumar Reddy and Dr. E. Madhusudhana Reddy** presented a paper titled, "**New Variant Multiprime Jordan Totient–Rsa Cryptosystem With One Public Key And Two Private Keys**" a paper published in International journal of Advanced Research in Computer Science (ISSN: 0976-5697), May-June 2012, Volume 3, No 3, PP 576-580

"Lack of documentation is becoming a problem for acceptance"

Wietse Venema

- + **D.Kasi Viswanath, S.Kusuma & Saroj Kumar Gupta** published a paper titled “**Cloud Computing Issues and Benefits Modern Education**” in a Global Journal of Computer Science and Technology, Cloud & Distributed Volume 12 Issue 10 Version 1.0 July 2012
- + **C.sree Deepak,S.Kusuma** published a paper titled ”**Html Parser and support vector machine used for automatic template extraction**” in international journal of computer application ,ISSUE 2 Volume 4(August 2012)ISSN :2250-1797.
- + **N.Divya Jyothi,S.Kusuma** published a paper titled ”**Text Clustering For Web Document Using Concept Based Mining Model**” in international journal of emerging trends in engineering and development,issue 2 volume 5(july 2012)issn:2249-6149
- + **Mr. N. Rajasekhar Reddy** Published a paper titled “Component Consistency during Design: A Rule based Evaluation Technique” in an International Journal of Scientific and Engineering Research (IJSCE) volume-3, Issue-8, ISSN 2229-5518 August -2012.
- + **Mr. N. Rajasekhar Reddy** Presented a paper titled “Risk chain prediction metrics for predicting fault proneness in Software Systems” in an International Conference "The Second International Conference on Computational Science, Engineering and Information Technology (CCSEIT-2012)" Organized by Avinashilingam University, Coimbatore, India.ISQR JOURNAL OF Engineering (IQSRJEN) ISSN: 2250-3021 volume 2, issue 8 (August 2012), PP 190-195

Workshop/conferences/short term courses attended

- + **Mr R.Sathiyaraj**, attended two day workshop on **Industry Academia Collaboration** organized by AICTE & CII at Central Leather Research Institute, Adayar, Chennai on 24th & 25th May 2013.
- + **Mr. M. Kiran Kumar and Mr.S.Mohammad.Ghouse**, **participated** in Short Term Course on “**PATTERN RECOGNITION TECHNIQUES**” organised by the Department of CSE, Malaviya National Institute of Technology Jaipur , Rajasthan from May 13th to 17th , 2013.
- + **Mr. M Kiran Kumar, Mr.B S Naveen Kumar, Mr S Mohammad ghouse** participated in Short Term Course on “**DATA MINING, IMAGE ANALYTICS AND MEDICAL INFORMATICS**” organised by Department of CSE, IIT Kharagpur from 8th April, 2013 to 12th April, 2013.
- + **Mr. M. Kiran Kumar**, attended two day National workshop on " **Network Simulation for Wired and Wireless Networks-Qualnet**" Organized by Network and Information Security Division (NIS), School of Information Technology & Engineering(SITE), VIT University, Vellore during 21-22, March 2013.

“Design is not just what it looks like and feels like. Design is how it works.”

Steve Jobs

- ✚ **Mr. M.Prabhakar** attended one day workshop on “**Programming for Multicore Architectures**” Organized by Computer Architecture Division of SCSE Department, VIT University, Vellore on 09 March 2013.
- ✚ **Mr. S. M. Farooq** has attended a two day National Workshop on “**Notable Trends in Current Computer Science and Engineering**” Technically Co-Sponsored by IEEE Hyderabad Section & IEEE Computer Society Chapter, Hyderabad Section on 30-31 January 2013, Venue seminar hall, Muffakam jah college of engg and Technology, Hyderabad Organized By Department of Information Technology ,Muffakam jah college of Engg and Technology
- ✚ **Mr. YCA Padmanabha Reddy** and **Mr. N. Sudhakar Yadav** Participated in AICTE-QIP Short term course on **Recent Trends in Computer Architecture** Organized by Department of Computer Science & Engineering, IIT Madras during 17-21, December 2012.
- ✚ **Mr. R. Sathiyaraj** attended a Six Day workshop DTE Sponsored Short Term Training Programme on **Essential Networking and Web Applications for an Engineering Faculty** (10-15 December,2012) organised by Department of Computer Science, Government Engineering College, Thrissur.
- ✚ **Mr Y C A Padmanabha Reddy** participated in AICTE sponsored workshop on “**Computational Intelligence-An academic, Industry and social perspective** at PSG college of Technology, Coimbatore during May 30-June 12, 2013.
- ✚ **Mr. G. Hemanth Kumar Yadav & Mr. M. Srujan Kumar Reddy** attended "AICTE Sponsored Staff Development Program (SDP) on “Recent Trends in Cloud Computing & Security” organized by Department of Information Technology, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad from 03-06-2013 to 15-06-2013.
- ✚ **Mr. K. Venkata Subbaiah**, attended " Two-Week ISTE Workshop on Database Management, Under the National Mission on Education through ICT, MHRD, Govt. of India ” organized by Department of Computer Science’. S.V.U college of Engineering in collaboration with IIT, Bombay from May 21st, 2013 to May 31st, 2013. About 144 participants were benefited by the training programme
- ✚ **Mr. C.Narasimha**, attended AICTE Sponsored two weeks Faculty Development Programme from 06th to 19th May 2013 on “Cloud Computing” was Organized by Dept. of CSE & IT, Government College of Technology, Coimbatore – 641 013 .
- ✚ **Mr B. S. Naveen Kumar**, Assistant Professor, IT Department attended “Java One 2013” conference organized by Oracle Technologies, Hyderabad on 8th & 9th May, 2013.

“If debugging is the process of removing software bugs, then programming must be the process of putting them in”

Edsger Dijkstra

- ✚ **Mr. K. Venkata Subbaiah**, Associate Professor, Department of Information Technology attended in a Two day Workshop on "Cyber-Physical Systems: Applications and Open Challenges" organized by Indian Institute of Technology, Hyderabad on 22nd & 23rd March 2013
- ✚ **Mr. G. Hemanth Kumar Yadav**, Assistant Professor of IT Department attended A Two day Faculty Development program on “ Software Testing Automation “ was conducted by Sree Vidyanikethan Engineering College, Tirupathi, on 18th to 19th January, 2013.

Faculty Higher Education

- ✚ **Mrs. M. Sreedevi** Associate Professor submitted Ph.D thesis titled “**A Frame work to Improve Virtual Private Network Architecture for Secure Data Transmission using CMT-PA Multihoming**” under SVU (DEC 2012)
- ✚ **Mr. P. Narasimhulu** Associate Professor is Pursuing Ph.D under Anna university (2009-2010)
- ✚ **Mrs. P. Rajarajeswari** Associate Professor is Pursuing Ph.D under JNTUH(2011-12)
- ✚ **Mr. Wilson Thomas** Assistant Professor is Pursuing Ph.D under JJT University Rajasthan (2011-12)
- ✚ **Mr.YCA. Padmanabha Reddy** Assistant Professor is Pursuing Ph.D under JNTUA (2012-13).
- ✚ **Mr.N. Balakrishna** Assistant Professor is Pursuing Ph.D under JNTUH (2012-13).

“First solve the problem. Then, write the code.”

John Johnson

Beyond Academic Development

IBM Software Center of Excellence (IBM - COE)

IBM COE Lab in MITS campus is equipped with 130 computers with latest configuration. Students are trained by experienced IBM employees and attended certification exam.

576 Students certified in DB2

300 Students certified in RAD

100 Students certified in RFT

100 Students certified in RTC

170 Students certified in Lotus domino server administration

Infosys Campus Connect Program

MITS is the hosting center for the program. Students are trained by expert trainers in computer fundamentals Foundation program conducted for all final year students. Spark program for all final year students.

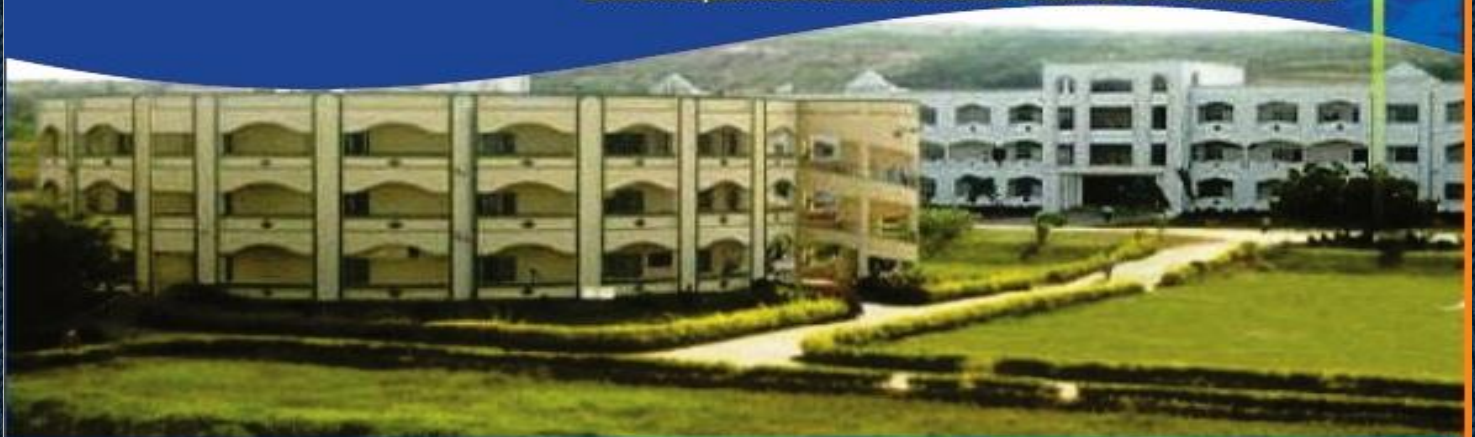
Wipro Mission10x Faculty Enhancement program

Concept Center

Mission 10x, a not-for-profit trust of Wipro. Its Vision is "In Pursuit of Excellence in Engineering Education through Innovation". Mission 10x Certification programs enable college faculty with new and ultimate training methodologies that provides input to a faculty to become a mentor, guide and a facilitator in the class and thus prepare their students to become more employable. On completion of these programs, the participants are provided with various resource kits and certificates like Cambridge Certification for teachers, MxLA Certificate and Certificate from Date Carengie's international institute.

Adobe Certification Center

Students are trained by expert trainers in various Adobe products. Certification exams will be conducted for trained students. Students qualified the exam will be awarded as Certified associate.



UPCOMING EVENTS

- ✓ The IUCEE workshop will be held on 2nd -4th July 2013. The resource person is **Dr.Sumeet Dua** professor of computer science at Louisiana Tech university, Ruston, LA USA
- ✓ Career guidance by Mr Jagadeesh P senior software architect standard chartered Bank, Singapore on 8th July, 2013.



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