



Director's Message

I extend my greetings to all the students for coming out with deserved success in their academic endeavours and welcome them to the new session. At the same time I welcome all the new entrants who have joined MITS family in the first year in various streams.

The Institute has gone through tremendous changes since its very inception in 1957 to achieve laurels in the engineering world and I expect the present batch of students to add to the same.

The new session has started early in the month of July except first year, which began the study schedules in the first week of August after admissions. We are also heading with placement drive for final year students this September.

We have continued our efforts in organising National level seminars and workshops under TEQIP phase II programme and through grants from other funding agencies. The college has expanded this session by increasing intake in three branches - Civil, Computer Science, and Electrical Engineering at Undergraduate level. We have also instituted two new PG courses namely ME in Environmental Engg. and M.Tech. in Cyber Security. The same have started this session.

I believe that students who have returned after summer break will contribute for their own as well as Institute growth with renewed energy, and that we will make it a pleasant stay for the new incumbents who have just joined our family.

I wish that the coming festivities will provide us with increased vigour and zeal to achieve laurels for the Institute.

Wishing All a Very Bright Future and Success.



VISION

To create a centre of excellence for imparting technical education enveloping latest technologies in its curriculum and conducting research to keep pace with the challenges of technological development.

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Dr. Sanjeev Jain

ACHIEVEMENTS

By Students

Large no. of students have qualified **GATE examination** held in Feb. 2014. Following are the names:

➤ **Civil Engg. Deptt.** : Rohan Sharma, Harshita Gupta, Shaurya Pratap Singh, Yogesh Sharma, Neerav Agrawal, Harsh Sharma, Aparna Tripathi, Deepak Chouhan, Megha Sharma, Rohit Jain, Shalini Singh, Ankur Shrivastava, Rohan Baghel.

➤ **Electrical Engg. Deptt.** : Arpit Shrivastava has secured All India 7th rank in GATE-2014. Other students are Swati Jadon, Bharat Singh Rana, Shubham Mishra, Rahul Dhakad, Priyank Gautam, Tanuj Shrivastava, Akash Gupta, Mansi Gaur, Saurav Jain, Anjani kumar Hazari, Amit Sharma, Gyan Deepak Singhai, Jigyasha Sharma, Krishna Avtar Singh, Rohit Raghuwanshi, Saddam Hussain, Raghunandan Gaur, Nand Kishore Patel.

➤ **Chemical Engg. Deptt.** : Two students qualified GATE exam.

Students of Architecture Deptt. has won Runner up Trophy for Main Design Competition at Zonal NASA held at Hisar, Haryana.
Congratulations to All.

By Faculty

➤ Dr. Manjaree Pandit, Prof. Electrical Engg. Deptt. was elected to the grade of Senior Member of IEEE by the Board of Directors of the IEEE on 15th February 2014. She has also delivered expert lecture in DST sponsored National Programme for Training of Scientists & Technologists Working in Central Government on Soft Computing Techniques for Optimization held at ABV-IIITM Gwalior during 17-21, Feb 2014. **Congratulations.**

➤ Three faculty members were awarded PhD - Prof. Sanjiv Sharma (CS/IT) and Prof. Anjali S. Patil (Arch.) were awarded PhD in March 2014. Prof. Poonam Sharma (CS/IT) was awarded PhD on 28 July 2014. **Hearty Congratulations to All and Best Wishes.**

➤ Prof. Manish Dixit Chair the session in IEEE International Conference at NITTTR Bhopal on 7th April 2014.

➤ Dr. Akhilesh Tiwari, Associate Professor was honoured with “**Outstanding Young Person of Gwalior Award**” for Academic Leadership and Accomplishment by JCI Gwalior on 18th April 2014. **Congratulations.**



➤ Research paper by Dr. Rekha Gupta and Ruchir Kumar Chauhan titled, “**Cyclostationary Spectral Analysis for different window functions in a cognitive radio environment**” was awarded by Session's best paper award in 2nd International Conference on “Advance Trends in Engineering and Technology (ICATET-2014)”, 18-19 April, 2014 in Arya College of Engg. and IT, Jaipur. **Congratulations.**

EVENTS /ACTIVITIES ORGANIZED BY DEPARTMENTS

Architecture Deptt.

➤ Workshop on “**Teaching & Research Methodology**” on 28- 29 March 2014.

Biotechnology Deptt.

➤ A visit to Shree Baidyanath Ayurved Bhawan Pvt. Ltd., Jhansi was organised for students of B.E. Biotechnology on March 14, 2014. It is a leading manufacturer of ayurvedic products whose range encompasses seven hundred plus items classified under Rasa, Rasayan, Bhasma, Asava, Arishta, Tablets, Tails, Avaleha, Churna, Patent medicines and other ayurvedic preparations. The students learnt the techniques of preparations of ayurvedic medicines and visited the scale up bioprocess labs. The techniques of quality maintenance was also learnt by the students.

Chemical Engg. Deptt.

➤ Two days Workshop on “**Computational Fluid Dynamics**”.

Civil Engg. Deptt.

➤ Organized workshop on “**Application of GIS & Remote Sensing in Engineering**” during 25 – 26 Feb. 2014 under TEQIP – II. Dr. P.K.Garg, Professor, IIT Roorkee was keynote speaker. It was attended by large no. of faculty, field engineers & students from various disciplines.



➤ STTP on “**Earthquake Resistant Design of Structures**” was organized from 19th March to 29th March 2014 under QIP scheme. The program benefitted faculty from various institutions, field engineers from construction industry & UG/PG students of Civil Engg.

CSE & IT Deptt.

- Training on “**Android Programming**”, under TEQIP-II during 16th Jan. to 1st Feb., 2014 by Cetpa Infotech Pvt. Ltd Noida.
- Technical & Cultural activity **Sparsh 2014** was held on 1st Feb. 2014 organised by Prof. Jaimala Jha.
- One day workshop on “**IBM Work light**” held on 7th Feb. 2014.
- Expert Lecture of Prof. Sumantra Dutta Roy from IIT Delhi on 8th March 2014 (under TEQIP-II).
- National workshop on “**Cloud Computing**” under TEQIP-II during 13th -15th May 2014. This workshop was jointly organized by the deptt. of CSE & IT, MITS Gwalior and IBM India Pvt. Ltd.
- ISTE Workshop on “**Computer Programming**” under the MHRDs National Mission on Education through ICT, conducted by IIT Bombay, 16th -21st June 2014.
- ISTE Workshop on “**Computer Networking**” under the MHRDs National Mission on Education through ICT, conducted by IIT Bombay, 30th June - 05th July 2014.
- Main Workshop on “**Cyber Security**” under MHRDs National Mission on Education through ICT, conducted by IIT Bombay, 10-20 July 2014.

➤ Motivational Lecture by Mr. Sanjay Khullar, Sr. Manager CISCO Inc. Pvt. Ltd., USA on 25th July, 2014.

Electrical Engg. Deptt.

➤ One day National Conference on “**Innovations in Electrical Engg.**” was held on 22.02.2014, under TEQIP, Phase-II.

Electronics Engg. Deptt.

➤ Two days National Conference on “**Emerging Trends in Communication Control & Networking**” on 31st Jan.-1st Feb., 2014. Fifty papers were presented in the conference. Chief Guest was Lt. General V.K.Sharma, Vice Chancellor of Amity University, Gwalior and Key Note Speaker was Dr. S.D.Joshi, IIT Delhi.

INNOVATIVE TECHNOLOGY

Spectacular 3-D Sketching System Revolutionizes Design Interaction and Collaboration

Collaborative three-dimensional sketching is now possible thanks to a system known as Hyve-3D that University of Montreal Researchers presented at the **SIGGRAPH 2014** conference in Vancouver. It is a new interface for 3D content creation via embodied and collaborative 3D sketching, explained lead researcher Professor Tomás Dorta, of the University's School of Design. The system is a full scale immersive 3D environment. Users create drawings on hand-held tablets. They can use the tablets to manipulate the sketches to create a 3D design within the space. For example, as the designers are immersed in their work, this could mean designing the outside of a car, and then actually getting into it to work on the interior detailing. Hyve-3D stands for "Hybrid Virtual Environment 3D". Univalor, the university's technology commercialization unit, is supporting the market launch of the system.



Courtesy: University of Montreal (Article contributed by MCA Deptt.)

ISTE CORNER

Prize distribution ceremony of 'Xcalibre'- A National Level Mock Campus Test under **ISTE Student's Chapter** was celebrated on the auspicious day of **26th Jan., 2014** along with the Republic Day celebrations. Prizes were given by **Er. Ramesh Agrawal, Secretary, Scindia Engineering College Society, Gwalior** and **Dr. Sanjeev Jain, Director.**

The winners of the competition were: i) Pankaj Singh, Chemical, IV year ii) Arpit Gupta, Mechanical, IV year iii) Apeksha Jadon, IT, IV year iv) Animesh Upadhyay, Electronics, I year.

A College level competition '**AARAMBH-2014**' was organized on **8th Feb. 2014** by **ISTE Chapter.** Total 197 students participated in the competition. The competition comprised of four events namely Essay Writing, Extempore, Sudoku and Rubik's Cube Challenge.



The goal of the "AARAMBH" was to ensure the growth of skill and knowledge in all technical professions and to foster individual commitment for continuing education among the engineering, scientific communities and the general public. It provides a soaring exploration of thoughts, ideas and views on current issues through Extempore and Essay Writing. It also provides opportunity to express creativity and imagination power through Sudoku Puzzle and Rubik's Cube Challenge. Investment good for India? For extempore topics were Need to improve educational reforms, Facebook, If I become invisible and for essay writing topics were Bifurcation of states, Have we become used to paid news?, Is Foreign Direct Investment good for India?

RUBIX Cube : This event was of two-level time based competition. A total of 21 students participated in this competition. Solving the cube is almost trivial once a certain core set of algorithms, called macros, are learned.

SUDOKU Puzzle: Sudoku is the Japanese abbreviation of a phrase meaning "the digits must



remain single"; it is a trademark of puzzle publisher Nikoli Co. Ltd in Japan. The event was to solve the Sudoku problem in the shortest period of time. This was an individual event of three-level and occurred for an hour. Total 67 students participated in it.

Winners of competition were:

Extempore : Ritika Gupta (IT II yr), Animesh Upadhyay (Elex I yr), Samridhhi Khasaria (Elex I yr)
Essay Writing: Gargi Dashora (Mech.II yr), Anjul Ravi Gupta (IT II yr), Mayank Pandey (Elect. III yr)
Sudoku : Praveen Singh (Mech.II yr), Gaurav Gupta (Elex II yr), Arti Bhagat (CS II yr)
Rubix`Q : Vishwas Singh Chauhan (CS II yr), Saumitra Kaushal (CS II yr), Vikas Choudhary (Chemical III yr)

Congratulations to All.

NEW INITIATIVES

CSE & IT Department has recently started a new ACM Chapter. The department has also signed an MoU with Infosys under **Infosys Campus Connect Program.** Congratulations.

➤ **Society of Innovators (SOI)** is constituted in Mechanical Engineering Deptt. The society will work on the innovative thoughts of young innovators i.e. the students in order to enhance the imagination of the students and to prove that imagination is more important than knowledge. **Congratulations.**

PROGRAMS ATTENDED BY FACULTY

Civil Engg. Deptt.

➤ Prof. G. Bhadoria attended the Two days Workshop on "Applications of GIS & Remote Sensing in Engineering" conducted by Civil Engg. Deptt., MITS, Gwalior under TEQIP Phase-II from 25th to 26th Feb. 2014.

➤ Prof. A.K. Dwivedi & G. Bhadoria attended the two week Short Term courses on “ Earthquake Resistance design of Structures” sponsored by AICTE (QIP Grant) , conducted by CED, MITS Gwalior from 19-03-2014 to 29-03-2014.

➤ Prof. G. Bhadoria attended the Training Programme Pedagogical Approaches in Technical Education from 03rd May – 08th May 2014, at ABV-IITM, Gwalior.

➤ Prof. G. Bhadoria attended two Weeks ISTE workshop on “Fluid Mechanics”, conducted by IIT Kharagpur at MITS Gwalior from 20 to 30 May 2014.

CSE & IT Deptt.

➤ Prof. Jamvant Singh attended STTP on “Application of GIS & Remote Sensing in Engineering”, organized by Civil Engg. Deptt. under TEQIP-II during 25-26 February 2014.

➤ Dr. Sanjiv Sharma attended AICTE recognized Workshop on “Mobile adhoc network” conducted by NITTTR Chandigarh, March 3- March 7, 2014.

➤Dr. Sanjiv Sharma attended ISTE Coordinators Workshop on “Computer Programming” under the National Mission on Education through ICT, Conducted by IIT Mumbai, 21st to 26th April 2014.

➤Dr. Sanjiv Sharma, Prof. Punit Johri, Prof. Jaimala Jha, Prof. Vikas Sejwar, Dr. Poonam Sharma, Prof. Jamvant Kumre, Prof. Rajeev Kumar Singh & Prof. Neha Bhardwaj attended one week Pedagogy training at IITM Gwalior during 3th -8th May 2014.

➤Dr. Akhilesh Tiwari, Prof. Manish Dixit, Dr. Sanjiv Sharma, Prof. Punit Johri, Prof. Abhilash Sonkar, Prof. Jaimala Jha, Prof. Vikas Sejwar, Dr. Poonam Sharma, Prof. Jamvant Kumre, Prof. Rajeev K. Singh & Prof. Neha Bhardwaj attended ISTE Coordinators workshop on “Cyber Security” organized by IIT Bombay during 17th -21st May 2014.

➤Prof. Rajeev Kumar Singh conducted a two week ISTE Coordinators workshop on “Computer Network” at IIT Bombay (under NMEICT Govt. of India) during 30th May - 09th July 2014.

➤Dr. Akhilesh Tiwari, Prof. Manish Dixit, Dr. Sanjiv Sharma, Prof. Punit Johri, Dr. Poonam Sharma, Prof. Jamvant Kumre, Prof. Rajeev Kumar Singh & Prof. Neha Bhardwaj attended ISTE Workshop on Computer Programming organized by IIT Bombay during 16th -22th June 2014.

Electrical Engg. Deptt.

➤ Dr. A.R. Saxena, Prof. Praveen Bansal and Sulochana Wadhvani attended training in MATLAB from 21-27 March, 2014 conducted by Mathswork at MITS Gwalior.

➤ Dr. A.R. Saxena, Prof. Praveen Bansal, Prof. Kuldeep Swarnkar, Prof. Vijay Bhuria, Prof. Himmat Singh Ahirwar and Sulochana Wadhvani attended training in LABVIEW from 21-26 April, 2014 at MITS Gwalior.

➤ Prof. Rakesh Narvey, Prof. Himmat Singh, Prof. Vijay Bhuria, Prof. Kuldeep Kumar Swarnkar, Praveen Bansal and Dr. A.R. Saxena attended one week STTP on “Pedagogical approaches in Tech. Education”, during 3-8 May 2014 at ABVIITM Gwalior.

➤ Dr. Sulochana Wadhvani attended Two Week main program on “Computer Programming” during 16-22 June, 2014; and on “Computer Networking” from 30.06.14 to 05.07.14. Both programs were organized by IIT Bombay under National Mission for Education in ICT.

Electronics Engg. Deptt.

➤ Dr. Vandana Vikas Thakre, Dr. Laxmi Shrivastava and Prof. Karuna Markam attended 7 days training on MATLAB Fundamentals, Simulink for System and Algorithm Modeling, Optimization techniques & Statistical Methods by Mathworks Training Services, at MITS, Gwalior during 21-22 Jan. 2014 and 25-29 March 2014.

➤ Prof. Karuna Markam and Madhav Singh attended seven days training program on LABVIEW at MITS, Gwalior during 21 – 27 April 2014.

➤ Prof. R. P. Narwaria and Karuna Markam attended 6 days training program on Pedagogical Approaches in Technical Education at ABV-IITM , Gwalior during 03/05/14 to 08/05/14.

MCA Deptt.

➤ Prof. Parul Saxena attended 3 days workshop on “Cloud Computing” during 13-15 May 2014; ISTE Main Workshops on “Computer Programming” during 16-21 June 2014 and on “Computer Networking” during 30th June to 8th July 2014. All programs were organized at MITS, Gwalior.

➤ Dr. Anshu Chaturvedi attended two week ISTE Main Workshop on “Cyber Security” during 10-20 July held at MITS, Gwalior.

RESEARCH PUBLICATIONS

Biotechnology Deptt.

- Diksha Jain, Hotam Singh Chaudhary, “Clinical significance of probiotics in human”, *International Journal of Nutrition, Pharmacology, Neurological Diseases* 2014; 4(1)11-22.
- Soni Yadav, Ankit Singh, Sitansu Kumar Verma, “Computational Identification of MicroRNAs for Targeting Long and Short Segments of *Lassa Virus*”, *International Journal of Scientific & Engineering Research*, Volume 5, Issue 4, April-2014.
- Vinod K. Jatav, Lovekesh Parasher, Ankit Raje and Samraddhi Tiwari, “Homology Modeling & analysis of structure predictions of KLF8 protein from *Homo sapiens*”, *International Journal of Pharmaceutical Science & Research*, Vol. 5, Issue 3, 2014, pp 1045-1050.

Civil Engg. Deptt.

- Avadhesh Singh Gurjar and M.K. Trivedi, “Quality Function Deployment Applied on PVC Plumbing and Cast Iron Plumbing”, *IOSR Journal of Mechanical and Civil Engineering*, Vol. II, Issue 2, March – April 2014.
- Dwivedi Prakash and Tiwari Archana, “Properties of fresh and hardened concrete made by using waste concrete aggregate”, *IJERT*, Vol.3, Issue 4, 2014 .
- Trivedi M.K., Dwivedi A.K. and Janak Singh Parihar, “Behaviour of C & of Black Cotton Soil with Glass Fibre Inclusion : An Experimental Study”, *IJAIR*, Vol. 3, Jan. 2014.

CSE & IT Deptt.

- Arun Dixit, Poonam Sharma “A comparative study of multi resolution transformation for image denoising”, 9th National Conference on SACTA-2014 at ITS Ghaziabad, 19-20 April, 2014.
- Mradul Dhakar, Akhilesh Tiwari, “A Novel Data Mining based Hybrid Intrusion Detection Framework”, *Journal of Information and Computing Science (JIC)*, Vol. 9, No. 1, pp. 37-48, 2014.
- Nikhil Chaturvedi, Saurabh Agarwal, Punit Kumar Johari, “An Efficient Trademark Image Retrieval using Combination of Shape Descriptor and Saliency Features”, *International Journal of Advanced Science and Technology*, July 2014.
- Nikhil Chaturvedi, Saurabh Agarwal, Punit Johari, “A Novel approach of Color-Texture Based CBIR using Fuzzy Logic”, *International Journal of Advanced Science and Technology*, July 2014.
- Punit Johari, “A Novel Approach of Image Retrieval Based on Texture”, *International Journal of Enhance Research in Management and Computer Application*, ISSN 2319-7474, Vol.3, Issue 1, Jan. 2014.

- Richa Sharma, Shweta Nigam, Rekha Jain, “Polarity Detection at Sentence Level” *International Journal of Computer Applications (IJCA)*(0975 – 8887), Vol.86, No. 11, January 2014.
- Richa Sharma, Shweta Nigam, Rekha Jain, “Opinion Mining in Hindi Language: A Survey” *International Journal in Foundations of Computer Science & Technology (IJFCST)*, Vol.4, No.2, March 2014
- Richa Sharma, Shweta Nigam, Rekha Jain, “Determination of Polarity of Sentences using Sentiment orientation System”, *International Journal of Advances in Computer Science & Technology (IJACST) WARSE Foundation*, ISSN 2320 – 2602, Vol.3, No.3, March 2014.
- Richa Sharma, Shweta Nigam, Rekha Jain, “Mining of Product reviews at Aspect Level” published in *International Journal in Foundations of Computer Science & Technology (IJFCST) AIRCC*, Vol. 4, No.3, May 2014.
- Richa Sharma, Shweta Nigam, Rekha Jain, “Opinion Mining of Movie Reviews at Document Level” published in *International Journal of Information Theory (IJIT) AIRCC*, Vol.3, No.3, July 2014.
- Sahiv Singh Kanojiya, Akhilesh Tiwari, A New Soft Set Based Association Rule Mining Algorithm, *International Journal of Computing Science and Communication Technologies (IJCSCT) Technia*, Vol 6. No. 2, pp. 948-954, 2014.
- Vartika Shah, Sanjiv Sharma “A Review of Existing Security frameworks and Encryption Methods for Wireless Sensor Networks” *International Journal of Innovations and Advancement in Computer Science*, Vol-3 issue-2 : ISSN 2347 – 8616, pp-90-98, April-2014.

Electrical Engg. Deptt.

- Aayush Shrivastava, Akanksha Bhatt Manjaree Pandit, Hari Mohan Dubey, “ Dynamic Energy and Reserve Dispatch Solutions for Electricity Market with Practical Constraints, *IEEE International Conference on Communication Systems and Network Technologies (CSNT-2014) NITTTR, Bhopal* on April 7th –April 9th 2014, (available on IEEEXplore) DOI: [10.1109/CSNT.2014.202](https://doi.org/10.1109/CSNT.2014.202)
- Aayush Shrivastava, Akanksha Bhatt Manjaree Pandit, Hari Mohan Dubey, “Dynamic Scheduling of Operating Energy and Reserve in Electricity Market with Ramp Rate Constraints”, *IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014)*, May 09-11, 2014, Jaipur, India.

➤ Akanksha Bhatt, Aayush Shrivastava, Manjaree Pandit, Hari Mohan Dubey, “ Cost and profit optimization of Integrated wind-thermal system by dynamic dispatch using swarm intelligence”, IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), May 09-11, 2014, Jaipur, India.

➤ B.K. Panigrahi, Manjaree Pandit, Hari Mohan Dubey, Ashish Agrawal, Wei-Chiang Hong, “Invasive weed optimization for combined economic dispatch”, International Journal of Applied Evolutionary Computation, 2014 (IGI global). 5(1), January-March 2014, pp.1-18.

➤ Hari Mohan Dubey, B.K. Panigrahi, Manjaree Pandit, “Bio-Inspired Optimization for Economic Load Dispatch: A Review”, **International Journal of Bio-Inspired Computation(IJBIC)**, Vol. 6, No. 1, 2014, pp. 7-21. (*inderscience*) DOI: 10.1504/IJBIC.2014.059967.

➤ Hari Mohan Dubey, Manjaree Pandit, B.K. Panigrahi and Mugdha Udgir, “A fuzzified improved hybrid PSO-GSA for environmental/economic power dispatch”, International Jr. of Engineering, Science and Technology, Vol.6, No.4, 2014, pp.11-23.

➤ Kirti Pal, Manjaree Pandit, “Incentive Charge Calculation Based on Counter Flow Effect”, International Journal of Power and Energy Conversion, Vol. 5, No. 1, 2014, pp. 88-102. (Inder science publishers)

➤ Manjaree Pandit, Laxmi Srivastava, Manisha Sharma, H.M. Dubey, B.K. Panigrahi, “Large Scale Multi-zone Optimal Power Dispatch Using Hybrid Hierarchical Evolution Technique”, IET Journal of Engineering, IET digital library, DOI: [10.1049/joe.2013.0262](https://doi.org/10.1049/joe.2013.0262), Online ISSN 2051-3305.

Electronics Engg. Deptt.

➤ Aparna Tiwari and Karuna Markam, “An Overview: Peak-to-Average Power Ratio Reduction Techniques for OFDM Signals,” International Journal of Computer & Communication Engineering Research (IJCCER), Vol. 2, Issue 1, ISSN 2321-4198, Jan. 2014.

➤ Aparna Tiwari and Karuna Markam, “Effect of Peak-to-Average Power Ratio Reduction on the Multicarrier Communication System Performance Parameters,” National Conference on Emerging Trends in Communication, Control and Networking, 01-02 Feb. 2014, Gwalior, India.

➤ Aparna Tiwari, Vandana Thakre and Karuna Markam, “Review: Performance Analysis of FIR Digital High Pass Filters,” International Jr. of Computer & Communication Engineering Research (IJCCER),

Vol. 2, Issue 2, ISSN: 2321-4198, March 2014.

➤ Aparna Tiwari, Vandana Thakre and Karuna Markam, “Design Technique of Bandpass FIR filter using Various Window Function,” International Jr. of Computer & Communication Engineering Research, Vol. 2, Issue 2, ISSN: 2321-4198, March 2014.

➤ Aparna Tiwari, Vandana Thakre and Karuna Markam, “FIR Filter Design Using Artificial Neural Network,” International Jr. of Computer & Communication Engineering Research (IJCCER), Vol. 2, Issue 3, ISSN: 2321-4198, May 2014.

➤ Aparna Tiwari, Vandana Thakre and Karuna Markam, “Design Technique of Lowpass FIR filter using Various Window Function,” International Journal of Computer & Communication Engineering Research, Vol. 2, Issue 3, ISSN: 2321-4198, May 2014.

➤ GS Tomar, Jung-Yoon Kim, Laxmi Shrivastava, S.S. Bhadauria, Won-Hyung Lee, “Load Balanced Congestion Adaptive Routing for Mobile ad hoc Networks”, Hindawi-International Journal of Distributed Sensor Networks, Vol. 2014, pp 1-16, Feb 2014. (*SCI Indexed, IF 0.727*).

➤ GS Tomar, Laxmi Shrivastava, S.S. Bhadauria, “Load Balanced Congestion Adaptive Routing for Randomly Distributed Mobile Adhoc Networks”, Springers International Jr. of Wireless Personal Communication, Vol.75, No.2, pp 1-11, Feb 2014. DOI:10.1007/s11277-014-1663-9, (*SCI Indexed, IF-0.458*)

➤ Karuna Markam and R.P. Singh, “Performance Evaluation of Space Time Trellis Coded OFDM System,” National Conference on “Emerging Trends in Communication, Control and Networking”, 01-02 Feb. 2014, Gwalior, India.

➤ Kunal Golariya and Dr. Vandana Vikas Thakare, “ Analysis of a Digital Filter ”, National Conference on “Emerging Trends in Communication, Control, and Networking”, 01- 02 Feb 2014, MITS Gwalior.

➤ Madhav Singh, “Leakage Power reduction using stacking Power gating technique in different CMOS designs,” National Conference on “Emerging Trends in Communication, Control and Networking”, 01-02 Feb. 2014, Gwalior, India.

➤ Meenal Singh and Dr. Vandana Vikas Thakare, “Designing of low pass filter using Artificial Neural Network”, National Conference on “Emerging Trends in Communication, Control, and Networking”, 01-02 Feb. 2014, MITS Gwalior.

➤ Meenal Singh and Dr. Vandana Vikas Thakare, “Artificial Neural Network for Design of low pass FIR Filter a Comparison” , International Jr. of

Electronics and Electrical Engineering ,vol-3 ,No. 03 , ,pp-216-219, June 2014, ISSN: 2301-380X.

➤ Prachi Agrawal and Dr. Vandana Vikas Thakare, "Microstrip Low Pass Filter", National Conference on "Emerging Trends in Communication, Control, and Networking", 1-2 Feb 2014, MITS Gwalior.

➤ Prachi Agrawal and Dr. Vandana Vikas Thakare Multilayered Low Pass Microstrip Filter Using CSIR, IJRET: International Journal of Research in Engineering and Technology eISSN: 2319-1163 | pISSN: 2321-7308, April 2014.

➤ Robert Mark, Sudhir Singh and Dr. Vandana Vikas Thakare, "Design optimization of Band Reject Filter using U-shaped DGS-Structure", National Conference on "Emerging Trends in Communication, Control, and Networking", 1-2 Feb 2014, MITS Gwalior.

➤ Sonu Singh Kaurav and Karuna Markam, "Comparative Study on Different PAPR Reduction Techniques in OFDM System," International Society of Thesis Publication Exploring Innovative Technical Research Work, Journal of Research in Electrical and Electronics Engineering (ISTP- JREEE), ISSN 2321-2667, Volume 3, Issue 1, pp. 24-27, Jan. 2014.

➤ Sonu Singh Kaurav and Karuna Markam, "A Survey Study On Electrocardiogram (ECG) Signal Noise Reduction Techniques," International Journal of Advanced and Innovative Research (IJAIR) (2278-7844) Volume 3 Issue 5, pp. 118-122, 2014.

➤ Sonu Singh Kaurav and Karuna Markam, "Removal of Artifacts From Electrocardiogram Using Different Fir Window Techniques," International Society of Thesis Publication Exploring Innovative Technical Research Work, Journal of Research in Electrical and Electronics Engineering (ISTP- JREEE), ISSN 2321-2667, Vol.3, Issue3, May 2014.

➤ Swati Singhal and Dr. Vandana Vikas Thakare, "Introduction To Noise In An Image And Comparison Of Various Methods Of Image Restoration By Removing Noise From Image", National Conference on "Emerging Trends in Communication, Control, and Networking", 1-2 Feb 2014, MITS Gwalior.

➤ Vitthal Chaudhary and Vandana Vikas Thakare, "A Compact DGS Low Pass Filter using Artificial Neural Network" International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 3 Issue 6, June 2014.

Vitthal Chaudhary and Vandana Vikas Thakare, "Analysis of funnel shape DGS low pass filter using Artificial Neural Network, International Journal of Advanced & Innovative Research, Vol.3 Issue7, July 2014.

TRAINING & PLACEMENT

Following students are placed through Campus Selection -

S.No.	Name of Student	Company Name
1.	Shubham Mishra	Infosys, Wipro
2.	Arpit Srivastava	Wipro
3.	Tanuj Shrivastava	Wipro
4.	Mansi Gaur	Infosys, Wipro
5.	Jigyasha Sharma	Infosys, Wipro
6.	Swati Rajput	Wipro
7.	Ekta Lodhi	Wipro
8.	Akansha Kapoor	Infosys, Wipro
9.	Sonika Aneja	Wipro
10.	Swati Jadon	Infosys, Wipro
11.	Rahul Dhakad	Essel Utilities
12.	Shreya Saxena	Infosys, Wipro
13.	Neha Patel	Infosys, Wipro
14.	Amit Sharma	Essel Utilities
15.	Yashvi Iadhani	Infosys, Wipro
16.	Akash Sahu	Essel Utilities
17.	Akash Gupta	Essel Utilities
18.	Saddam Hussain	Essel Utilities
19.	Aman Agicha	Wipro
20.	Rohit Raghuwanshi	Essel Utilities
21.	Rajmohini Agariya	Infosys, Wipro
22.	Pragan Jain	Wipro
23.	Priyanka Patidar	TCS
24.	Ruby Kushwaha	Infosys, Wipro
25.	Akash Sahu	Essel Utilities

Hearty Congratulations to All.

TEAM NEWSLETTER

Chairman - Dr. Rajeev Kansal

Members - Dr. Alok Sharma, Dr. Sanjeev Khanna, Dr. Sulochana Wadhvani, Dr. M.K. Gour, Dr. Sunita Sharma, Dr. Anshu Chaturvedi, Prof. Jaimala Jha, Prof. Laxmi Shrivastava, Dr. Shourabh Bhattacharya, Prof. Vandana Sakhre

Composed by Devendra Singh