



### Director's Message

Spring is the season and time of transformation. The institute also is in a similar phase where it is closing one session and embarking on a new session. The closing of a session also stands as an achievement for both the students and faculty alike of the academia.

The end semester examinations have completed and placement targets are being achieved. Two hundred seventy two final year students have been placed in their respective streams with some thirty companies like Infosys, Tech Mahindra, Persistent, Wipro, Schneider, Igate, etc.

The institute has completed a major phase of up gradation. All the classrooms have been converted into smart classes with interactive teaching environment.

The smart class environment will also be incorporated with NPTEL and MOOC lectures started by IITB. This will benefit the Institute and make the teaching learning process more effective.

The hard work of the institute family has got the institute ranked 15<sup>th</sup> in the list of top government technical colleges in the country. This is a matter of pride for us and I congratulate all the family members of the institute for this achievement.

The institute has expanded its strength adding two new courses namely, Bachelor of Engineering in Automobile & Bachelor of Engineering in Electronics & Telecommunication. These are in line with the requirement of the Industry and shall serve to meet their expectations.

The new session is in the offing. I congratulate all the students for the success they have achieved in this academic session and heartily welcome the new entrants and wish that we will enter a new era of glory and achieve laurels.

With Best Wishes



### 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.*

### Contents

**Achievements**  
- by Faculty

**Achievements & Activities**  
- of Students

**Activities Organized**

**Expert Lectures Organized /  
Delivered**

**Grant Received**

**ISTE Corner**

**Program Attended By  
Faculty**

**Sports Arena**

**Research Publications**

- Biotech

- Civil Engg. Deptt.

- CSE & IT Deptt.

- Electrical Engg. Deptt.

- Electronics Engg. Deptt.

**Team Newsletter**

**Dr. Sanjeev Jain**

## ACHIEVEMENTS

### By Faculty

- **Dr. Pratesh Jayaswal** of Mechanical Engg. Deptt. has been nominated as Reviewer of the Journal of Vibration and Control. He has reviewed 03 research papers for the journal. **Congratulations.**
- **Dr. Karuna Markam** of Electronics Engg. Deptt. was awarded Ph.D. Degree in the month of March 2015 on the topic “Performance Estimation in Adaptive OFDM communication System using MMSE” from Barkatullah University Bhopal. **Congratulations.**
- **Dr. Rekha Gupta** and **Dr. Laxmi Shrivastava** of Electronics Engg. Deptt. have chaired the sessions in **Fifth IEEE International Conference on Communication Systems and Network Technologies “CSNT 2015”** from 04<sup>th</sup> – 06<sup>th</sup> April, 2015 organized by Machine Intelligence Research Labs, Gwalior.
- **Prof. Manish Dixit** of CSE & IT Deptt. has chaired a session at IEEE International Conference CSNT 2015 at SRCCEM, Gwalior & ICIS ,at IITM, Gwalior.
- **Prof. Jaimala Jha** of CSE & IT Deptt. established a new Club “**Artista De club**” for fine art activity.
- **Prof. Hotam Singh Chaudhary** of BioTech Deptt. has been granted commission in NCC as Lieutenant. He had successfully completed his training at Officer Training Academy, Kamptee, Nagpur with ‘A’ grade. **Congratulations.**

## ACHIEVEMENTS & ACTIVITIES OF STUDENTS

- **BioTech Deptt.**
- Anirudh Singh and Palash Khandelwal of Final year cleared the GATE exam 2015 with all India Rank of 271 and 657 respectively in General Category respectively.
- Ekant sharma, Yashwant Kushwah, Sailesh Gautam and Ipsita Gosh of Third year have presented poster on “Microbes can be used as antibacterial paints/dyes” in National Conference on Biotech and Human Welfare: New Vistas organized by Deptt. of Biotechnology at VBS Purvanchal University Jaunpur, Banaras U.P. during 20<sup>th</sup> to 21<sup>st</sup> Mar. 15.

### ➤ Architecture Deptt.

| I Year   |                                   |   |  |
|----------|-----------------------------------|---|--|
| S. N o.  | Name                              | Competition   | Prize                                    |
| 1.       | Jenwin Baby                       | Republic day stamp design Conducted by Indian Posts & Telegraph department            | Third                                    |
| II Year  |                                   |   |  |
| 1.       | Harshita Sharma                   | Vidhyut 15, IIT Trichy  | First                                    |
| 2.       | Ankita Singh & Shivam Sagar Gupta | Spotlight 15, IIT Roorkee   | Second                                   |
| 3.       | Jagriti Jain & Anand Chaurasia    | Junk Morphia  | Jury Recommendation                      |
| 4.       | Ankita Singh                      | Poster designing 15, IIT Roorkee, (Women harassment)                                  | First                                    |
| III Year |                                   |   |  |
| 1.       | Satyam Shukla                     | Spotlight 15, IIT Roorkee<br>Cadsmith 15, IIT Roorkee<br>Zakyanta 15<br>Bambootech 15 | Third<br>First<br>Special<br>Recognition |
| IV Year  |                                   |   |  |
| 1.       | Ashish Choudhary                  | Spotlight 15, IIT Roorkee   | Jury Recommendation                      |
| 2.       | Ashish Choudhary                  | TECH-ENDOWMENT, SITM, Guna, March 15  | First                                    |
| 3.       | Ashish Choudhary                  | Logo Design for NATCON'15 (IIA) to be held in Kolkata, W.B.                           | First                                    |
| 4.       | Kapil Patidar                     | Urban Innovation challenge  | Jury Recommendation                      |
|          |                                   | Ethose NASA Scholarship Hyderabad   | Second                                   |
|          |                                   | Bangalore building documentation  | First                                    |
|          |                                   | NDTV DAA Awards   | Special Recognition                      |
|          |                                   | Ethose NASA Scholarship Tamil Nadu  | Jury Recommendation                      |

### ➤ Civil Engg. Deptt.

- Ten students qualified GATE 2015 exam.
- Anju Tomar & Deepti Sharma of Final Year got 1<sup>st</sup> Rank at State level in Ultra Tech. Cement Quiz Competition.

### Mechanical Engg. Deptt.

- BE III & IV year students participated in “FFFCYCLE” event held at Chandigarh, Punjab.
- Institution of Engineers (India) has awarded R & D grant of Rs. 40,000/- to M.Tech (Production Engg.) students - Richa Agrawal and Sunil Dohre under the guidance of Dr. C.S. Malvi. **Congratulations.**
- Veer Singh Sikarwar, BE III year was awarded a cash prize of INR 5000/-, a memento and certificate by Hon. Parliamentarian Mr. Alok Sanjar during “Suryanaad Mahotsav”, a poetry competition organized in MANIT, Bhopal. He was also awarded along with Jyoti Dohre, BE IV year, 1<sup>st</sup> prize in essay competition organized by Election Commission of M.P. on the occasion of “Matdata Diwas” on 25<sup>th</sup> Jan. 2015.
- Harish Shrivastava and Vijay stood second in National Level Quiz Competition “CONCURSO” under SAEINDIA, MITS Chapter.

## ACTIVITIES ORGANIZED

➤ **Applied Science Deptt.** has organized a one day student training programme on “**Adulteration testing in food items**” under TEQIP-II on 23<sup>rd</sup> Feb, 2015 in which live demonstration of testing of different adulterants was given to the students of BE First year all branches by the faculty of chemistry. A fun activity named” **Chemistry for Fun**” was also organized on same day, on the occasion of Science Week Celebration. The department has also organized a one day National Seminar on “**Chemistry for Life**” under TEQIP-II on 28<sup>th</sup> Feb, 2015. The broad topics covered included organic and medicinal chemistry, nano compound synthesis and green chemistry. Keynote addresses were delivered by Dr. Gulshan Relhan, Programme officer, Chemistry Division, BARC, Mumbai, Dr. S.N. Achary, Sr. Scientific Officer, BARC, Mumbai, Dr. R. Bhushan, Professor, Chemistry, IIT, Roorkee & Prof. Radha Tomar, Department of Chemistry SOS Jiwaji University Gwalior.

➤ **BioTech Deptt.** has opened Local Unit of Associations of Microbiologist of India at MITS, Gwalior. The inaugural ceremony of the Unit was held on 07<sup>th</sup> April 2015. The local annual and life members of the AMI Unit were present on this occasion. Dr. Pratyoosh Shukla, General Secretary of AMI, India declared **Dr. Archana Shrivastav**, Principal, College of life Science, Gwalior as President and **Prof. Hotam Singh Chaudhary**, Asst. Prof. MITS, as Secretary cum Treasurer of the local Unit. He also delivered a talk on “Computational Biology in Convergence to Microbiology: Scope and Application in Microbial Technology”.

➤ **Civil Engg. Deptt.** has organized two days workshop on “**Scheduling of Construction Projects**” on Jan. 24<sup>th</sup> - 25<sup>th</sup>, 2015. The department has also organized a National Conference on “**Green Building for Sustainable Development**” on March 19<sup>th</sup> - 20<sup>th</sup>, 2015 in association with Climate Change Research Institute, New Delhi and Architecture Deptt. MITS Gwalior, under TEQIP – II.

➤ **CSE & IT Deptt.** has organized a National Conference on “**Advances in Information & Communication Technology**” on 23<sup>rd</sup> - 24<sup>th</sup> Feb, 2015. The department has also organized a SQL Workshop under ACM chapter on 26<sup>th</sup> – 27<sup>th</sup> Feb, 2015. The department has also organized following Webinar under Infosys Campus Connect Program:

| S. No. | Title  | Date                      |
|--------|--|---------------------------|
| 1.     | Big data: Is this a buzzword anymore?              | 06th Feb 2015             |
| 2.     | Introduction to hadoop                             | 13 <sup>th</sup> Feb 2015 |
| 3.     | Advanced / latest developments in hadoop           | 20 <sup>th</sup> Feb 2015 |
| 4.     | Webinar quiz                                       | 27 <sup>th</sup> Feb 2015 |
| 5.     | Overview of Android - Developing first Android App | 12 <sup>th</sup> Mar 2015 |
| 6.     | Android UI and event handling-Part 1               | 17 <sup>th</sup> Mar 2015 |
| 7.     | Android UI and event handling-Part 2               | 19 <sup>th</sup> Mar 2015 |
| 8.     | Services & Broadcast receivers in Android          | 24 <sup>th</sup> Mar 2015 |
| 9.     | Native Data Handling-SQLite database-Part 1        | 26 <sup>th</sup> Mar 2015 |
| 10.    | Native Data Handling-SQLite database-Part 2        | 31 <sup>st</sup> Mar 2015 |
| 11.    | Packaging & Testing of Android Apps                | 7 <sup>th</sup> Apr 2015  |



➤ **Electrical Engg. Deptt.** has organized two days National Conference on “**Innovations in Electrical Engineering (IEEE-15)**” under TEQIP Phase-II on 10<sup>th</sup> - 11<sup>th</sup> Feb., 2015. The department has also organized a one day National workshop on “**Software Tools for Industrial Drive and Instrumentation**” on 24<sup>th</sup> March 2015 under TEQIP Phase-II. A one day National quiz competition “**ELECTRO**” was also organized by the Third Year Students of the department under the guidance of **Prof. Praveen Bansal**.

➤ **Electronics Engg. Deptt.** has organized a paper contest on **Science Day** on “**Hazards due to Electromagnetic Radiations**” under TEQIP-II on 25<sup>th</sup> Feb 2015 for BE Students.

Papers were presented on various topics viz. Radiation Accident Preparedness, Radiation Protection, Radiobiology, Radiation Effects, Radiation Medicine, Radiation Hazards, Electromagnetic Radiation & Health, Health Threat from Cosmic Rays. **Dr. P. K. Singhal** delivered a talk on radiation hazards of cellular phone and microwave antennas.

The department has also organized two days National Conference entitled **“Recent Advances in Microwave Engineering”** during 28<sup>th</sup> Feb. – 1<sup>st</sup> March 2015 and a Two week AICTE (QIP) sponsored STP on Recent Advances in Microwave Engineering from March 16<sup>th</sup> – 27<sup>th</sup>, 2015. Dr. Deepak Bhatnagar, University of Rajasthan, Jaipur, Dr. Satish Jain SGSITS Indore, Dr. Mithilesh kumar, Principal Govt Engineering College Jhalawar & Dr. R. Tomar, LNMIIT Jaipur delivered the expert talk in the recent fields of microwave engineering.



- **Mechanical Engg. Deptt.** has organized 03 days **“Entrepreneurship Awareness Camp”** in collaboration with EDC Cell on 17<sup>th</sup>, 18<sup>th</sup> and 19<sup>th</sup> March 2015. **Dr. M.K. Gaur, Asso. Prof.**, has coordinated Two days workshop on **“Innovations in Teaching and Research”** under AICTE QIP grant. One day national quiz competition **“CONCURSO”** was organized under SAEINDIA MITS Chapter.

### EXPERT LECTURES ORGANIZED / DELIVERED

#### Architecture Deptt.

- **Dr R K Pandit** has delivered Expert Lectures on **“Curriculum Integration & Blended Learning”** during workshop on **“Thoughtful Cooling”**
- **TOT Workshop on Cooling Interiors Efficiently & Sustainably** at AoA Mumbai on 9<sup>th</sup> & 10<sup>th</sup> January 2015. The workshop was sponsored by State of Geneva Switzerland and Cbalance Pune. He has also delivered Expert Lecture on **“Research Techniques”** on 11<sup>th</sup> January 2015 at School of Environmental Studies, Rachna Sansad, Mumbai.

#### BioTech Deptt.

- **Dr. Rahul M. Shrivastava** has delivered a lecture on **“Molecular Modelling & amp: Drug Designing”** on 30<sup>th</sup> Jan 2015. Dr. Shrivastava explained the purpose of Molecular Modelling and Drug design, and also gave information about the Drug target, Ligand selection, Interpretation of Auto dock results, Drug discovery process and available programs for docking.

- **Dr. Arun Sharma**, Associate Prof., Department of Plant Molecular Biology, University of Delhi, delivered expert lecture on **“Role of Methylated DNA binding proteins in Gene silencing”**, one of the technique used for silencing genes in plants by giving example of Tobacco Plant (Nicotiana species) Model on Feb. 13, 2015. He explained the topic using different techniques like, DNA Methylation and Repression gene silencing.

#### Electronics Engg. Deptt.

- **Dr. P.K. Singhal, Dr. Bimal Garg, Dr. Rekha Gupta, Dr. Vandana Vikas Thakre, Dr. Laxmi Shrivastava, Dr. R.P.Narwaria, Dr. Karuna Markam and Prof. Madhav Singh** have delivered expert talks in two week short term training programme on **“Recent Advances in Microwave Engineering”** on March 16<sup>th</sup> – 27<sup>th</sup> 2015 under TEQIP – II at MITS Gwalior.

#### Mechanical Engg. Deptt.

- **Dr. C.S. Malvi** has delivered a special lecture on **“Applications of Virtual Lab”** in the workshop organized by EDC Cell on 27<sup>th</sup> Feb. 2015. This workshop was sponsored by Directorate of Technical Education, Bhopal. He has also delivered an expert lecture titled **“Entrepreneurship Opportunities in Solar Energy”** in Faculty Development programme sponsored by DTE Bhopal and organized by EDC Cell, MITS. Gwalior.
- **Dr. M.K. Gaur** has delivered two expert lecturers at SATI, Vidisha in short term training programme on **“Recent Trends and Challenges in Thermal Engineering”** on 3<sup>rd</sup> April, 2015.

#### Grants Received

- Research proposal of **Dr. C.S. Malvi, Head** regarding Solar Cells has been approved by Indian Nano Utilization Programme (INUP) from IIT, Mumbai.
- Grant of Rs. 13.10 lacs for MODROB of Mechanics of Materials lab. was awarded by AICTE.
- RPS project has been awarded to **Dr. M.K. Gaur** as Principle Investigator for Rs. 13 lakhs from AICTE, New Delhi for the current financial year.

#### Congratulations.

### ISTE CORNER

**Dr. Avadesh K. Sharma**, organized a national level mock campus test **“XCALIBRE – 2015”** under the flagship of ISTE students chapter. The mock campus test was open to the students of all branches and year.

A total of 200 students participated from all over India. It was a three stage competition. First level was a simple test of the participant's aptitude and general awareness from which 60 participants were selected for the second level. The second round was a productive group discussion followed by a personal interview. There were 5 winners of the event; each received a cash prize and a special package from the sponsor EII Gwalior.



## PROGRAMS ATTENDED BY FACULTY

- **Prof. Punit Johri & Prof. Rajeev Kumar Singh** of CSE & IT Deptt. have attended faculty enablement program on **Foundation Program 4.0** conducted by Infosys Ltd. at SGI, on 5<sup>th</sup> – 9<sup>th</sup> Jan, 2015.
- **Prof. Gautam Bhadoriya** of Civil Engg. Deptt. has attended two days workshop on **Scheduling of Construction Projects** on Jan 24<sup>th</sup> - 25<sup>th</sup>, 2015.
- **Vinod K Jatav** of BioTech Deptt. has attended a workshop on “Application of MATLAB for Engineering Computations” during 06<sup>th</sup> to 08<sup>th</sup> February 2015 held at IIITDM, Jabalpur
- **Prof. Sanjeev Sharma** of CSE & IT Deptt. has attended National Faculty Development Program on “**Educational Resource Planning System**” which was organized at IIITM Gwalior on 7<sup>th</sup> – 8<sup>th</sup> Feb, 2015.
- **Prof. Dinesh Kasdikar** and **Prof. Vedansh Chaturvedi** of Mechanical Engg. Deptt. Have attended 02 day Workshop “**Conclave of Mechanical Engineering**” on 13<sup>th</sup> - 14<sup>th</sup> March, 2015 organized by IIT Gandhi Nagar.
- **Prof. Praveen Bansal** of Electrical Engg. Deptt. has attended 02 days workshop on “**Conclave of Electrical Engineering**” on 13<sup>th</sup> - 14<sup>th</sup> March, 2015 organized by IIT Gandhi Nagar.
- **Prof. Abhillash Sonker** of CSE & IT Deptt. has participated in two day Knowledge Network of III Gandhinagar, under TEQIP –II Initiatives Program Held on March 13<sup>th</sup> – 14<sup>th</sup>, 2015 at IIT Gandhi Nagar.

- **Prof. Neha Bhardwaj** of CSE & IT Deptt. has attended ISTE workshop on “**Introduction to Design of Algorithm**” conducted by IITK under NMEICT on 16<sup>th</sup> - 20<sup>th</sup> March, 2015.
- **Dr. Laxmi Shrivastava, Dr. R.P.Narwaria, Dr. Karuna Markam** and **Prof. Madhav Singh** of Electronics Engg. Deptt. have attended two weeks Short term course on “**Recent Advances in Microwave Engineering**” at MITS Gwalior during 16<sup>th</sup> March – 27<sup>th</sup> March, 2015.
- **Prof. A.K. Saxena** of Civil Engg. Deptt. has attended 5 days workshop on **Environmental Studies** at IIT Bombay from 23<sup>rd</sup> March to 27<sup>th</sup> March 2015.
- **Prof. P. Bansal, Prof. K. Swarnkar, Prof. V. Bhuria, Prof. Himmat Singh, Prof. R. Narvey, Prof. H.M. Dubey** and **Dr. S. Wadhvani** of Electrical Engg. Deptt. and **Prof. Punit Johri & Prof. A. Sonker** of CSE & IT Deptt. have attended National workshop on “**Innovations in Teaching & Research Methods**” organized by the Department of Mechanical Engineering and Computer Application on March 25<sup>th</sup>-26<sup>th</sup>, 2015 under TEQIP– II.
- **Prof. Jaimala Jha & Prof. Rajeev Kumar Singh** of CSE & IT Deptt. has participated in workshop on **Research Methodology** organized by Department of Computer Application & Mechanical Engineering at MITS, Gwalior on 25<sup>th</sup> & 26<sup>th</sup> March, 2015.

## RESEARCH PUBLICATIONS

### BioTech Deptt.

- Prakash V, Saxena S, Sharma A, Singh S, Singh SK, “Treatment of Oil Sludge Contamination by Composting” J Bioremed Biodeg 6:284. Doi: 10.4172/2155-6199.1000284.2, 2015.
- Prakash V, Saxena S, Gupta S, Saxena AK, Yadav R, et al., “Preliminary Phytochemical screening and Biological Activities of Adina cardifolia” J Microb Biochem Technol 7:033-032. doi: 10.4172/1948-5948.1000178.3, 2015.
- Saxena S, Prakash V, Gupta S, “Hepatoprotective activity of Spirulina platensis” LAP LAMBERT Academic Publishing, ISBN: 978-3-659-63388-1, 2015.
- Ved Prakash, “Endophytic Fungi as Source of Bioactive Compounds” International Journal of Pharma & amp; Bio Sciences 6(1):887-898.4, 2015.

### Civil Engg. Deptt.

- Manish Kumar Sharma & **R. Kansal**, “Quality – Cost Trade Off (QCT) Based Bidding Strategy”, Recent Trends in Civil Engineering & Technology (RTCET), ISSN 2249-8753 (Online), ISSN: 2321-6476 (Print) ; Vol.5, issue 1; 2015, p.p. 1-5.

- Manish Kumar Sharma & **R. Kansal**, “Quality – Cost Trade Off (QCT) For Contractor Selection”, International Journal of Research in Engineering Technology (IJRET), eISSN 2319-1163 | pISSN:2321-7308 ; Vol.4, issue 4; April 2015, p.p. 311-314
- Manoj Katiyar & **A. Tiwari**, “Sustainable Concrete Production Through Use of Marble Waste Powder and Silica Fume”, Journal of Construction and Building Materials Engineering, Vol.1, issue 1; 2015, p.p. 1-8.
- Prashant Kumar & **A. Tiwari**, “Precast Concrete Construction A Step towards Sustainable Developments”, Journal of Construction and Building Materials Engineering, Vol.1, issue 1; 2015, p.p. 1-9.
- Prashant Kumar & **A. Tiwari**, “Precast Construction in India-Opinion of Construction Professionals”, Journal of Construction and Building Materials Engineering, Vol.1, issue 2; 2015, p.p. 1-9.
- Sapan Namdev & **M.K. Trivedi**, “Use of Optimization techniques in time-cost trade off (TCT) in civil construction: An Overview”, International Journal Civil Engineering and Mechanics, Vol.2, No.1, 2015, p.p. 1-13.
- Sapan Namdev, **M.K. Trivedi & R. Kansal**, “Multi-Objective Time-Cost Optimization of Civil Construction Project by Genetic Algorithm (GA), “International Journal of Civil Engineering Research” ISSN 2278-3652 Vol.6, No.1, 2015, p.p. 45-51.

#### CSE & IT Deptt.

- **Jaimala Jha**, “Various Techniques of Optical Watermarking” STM Journal, April 2015.
- **Manish Dixit**, MPS Kuber, “Improving brightness using Dynamic Fuzzy Histogram Equalization” International Journal of Signal Processing, Image Processing and Pattern Recognition Vol. 8, No. 2., 2015.
- Pallavi Gupta, **Sanjiv Sharma** “A Survey on Link Prediction Problem in Social Network” International Journal for Science And Research In Technology (IJSART) Vol. 1 Issue 1, ISSN [Online] : 2395-1052, pp 43-49, Jan. 2015.
- Rishi Parsediya, **Sanjiv Sharma** “A Comparative Study on Data Dissemination Techniques in WSN” International Journal for Science and Research in Technology (IJSART) vol.1, Issue 1, ISSN [Online]: 2395-1052 pp 34-37, Jan. 2015.
- Saamil Maheshwari, **Akhilesh Tiwari**, “A Novel Genetic Based Framework for the Detection and Destabilization of Influencing Nodes in Terrorist Network”, Computational Intelligence in Data Mining – Vol.1, Smart Innovation, Systems and Technologies Vol. 31, pp. 573 – 582, 2015. (DOI 10.1007/978-81-322-2205-7\_53).
- **Vikas Sejwar**, “Improved Trust Based Routing Mechanism in DSR Routing Protocol in MANETs” International Journal of Future Generation Communication and networking, Vol.8, Issue 1, PP-137-148, Feb. 2015.

#### Electrical Engg. Deptt.

- Abhishek Kumar and **Praveen Bansal**, “A Novel Symmetrical Multilevel Inverter Topology with Reduced Switching Devices Using Different PWM Techniques” IEEE (EESCO) 2015, Vignan's Institute of Information Technology Duvvada, Visakhapatnam.
- Bharat Verma and **A.K Wadhvani**, "Automatic RR Interval Measurement from Noisy Heart Sound Signal" IJMTER, Vol. 02, Issue 01, Jan. 2015.
- **H.M. Dubey** et al, “A Hybrid Multi-Swarm Particle Swarm Optimization based Multi-Objective Reactive Power Dispatch”, Research Article IET Generation, Transmission & Distribution, Available online: 06 Feb. 2015, DOI:10.1049/iet-gtd.2014.0469.
- Haider Ali, **Sulochana Wadhvani**, “Intelligent PID controller Tuning For Higher Order Process System”; and Sonali Singh, **Sulochana Wadhvani**, “Medical Image Denoising using Sub Band Adaptive Thresholding Techniques Based on Wavelet 2D Transform”, International Conference On Emerging Trends In Computer Science & its Applications, RJIT, BSF Academy Tekanpur, (M.P), 7<sup>th</sup> – 8<sup>th</sup> April 2015.
- Publications in TEQIP-II sponsored 2<sup>nd</sup> National Conference on “Innovations in Electrical Engineering (IIEE-15)”, organized by Deptt. of Electrical Engg., MITS, Gwalior during 10<sup>th</sup> -11<sup>th</sup> Feb. 2015 :
  - Ashiesh Thakur, **Himmat Singh, Sulochana Wadhvani**, “Set-Point Weight Tuning of PID Controllers Based on Fuzzy Logic-A Review”
  - A. Thakur, **H. Singh, S. Wadhvani**, “Controlling of Liquid Level by using PID Controller”
  - Bharat Verma, **A.K Wadhvani and S. Wadhvani**, “Feature Extraction Algorithm from Heart Sound”
  - Haider Ali, **Sulochana Wadhvani**, “Performance Analysis of PID Controller Tuning Based on Traditional and Evolutionary Optimization Techniques”
  - Sonali Singh, **Sulochana Wadhvani**, “Image denoising using Hard and Soft Thresholding Techniques Based on Wavelet 2D Transform”

#### Electronics Engg. Deptt.

- Ashish Bisen, S. Shakya **K. Markam**, “The PAPR reduction in Orthogonal Frequency Division Multiplexing using New SLM,” National Conference on Recent Advances in Microwave Engineering, MITS, Gwalior, Feb. 28<sup>th</sup> – 01<sup>st</sup> Mar. 2015.

### 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