CELEBRATION

71st Birth Anniversary of HH Kailashwasi Madhav Rao Scindia

71st Birth Anniversary of His Highness Late Shri Madhav Rao Scindia was celebrated on 10th March, 2016. On this occasion, Shri Pratap Bhanu Sharma, Secretary, Scindia Engg. Society, Vidisha, Shri Prashant Mehta, Board member and Shri Ramesh Agarwal, Secretary, Scindia Engg. Society, MITS, Gwalior were present. They shared their memories about Shri Madhav Rao Scindia. The day culminated with Blood donation camp.

Director's Message

It gives me immense pleasure to spend a few moments in conversation with you about the Institute and its progress through the time. We are at a crucial point of time and state in higher education which is changing by leaps and bound. We have seen immense diversion in the format and delivery of teaching learning process over the past two decades. Time has come to take serious and result earning steps to enhance our teaching learning process so as to match with world class academic standards. Equally Institute-industry coordination will prove to be the very backbone and essence of future technical education. The Institute and its management are committed in ensuring the development of Institute and imparting quality education through its dedicated resources.

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Dr Vandana V. Thakre was awarded *Teacher of the Year* by Gwalior Vikas Parishad for contribution as a teacher in the field of Academics on Republic day 26-01-2016.

Prof. Vijay Bhuria awarded **Degree of Philosophy (PhD)** entitled *"Study the Effectiveness of Online Campus Counseling for Admission to Engineering Colleges in State of Madhya Pradesh"* in April 2016.

➢ PhD degree entitled "*Fast Computing using Signed Digit Numbers*" awarded to **Mr. R. K. Saxena** from RGPV Bhopal under the Supervision of Dr. A. K. Wadhwani.

➢ **Dr C S Malvi** commemorate for being guest speaker in TechDais lecture on the topic 'Solar Energy: Basics, Advances and Opportunities' by **IET Nashik** Local Network on 22 Jan 2017.

➢ **Prof. Hari Mohan Dubey, Dr. Vijay Bhuria** and **Prof. Himmat Singh Ahirwar** were appointed as hostel wardens.

Expert's Talks

Expert talks were delivered by **Dr Laxmi Srivastava, Dr Manjaree Pandit, Dr AK Wadhwani, Dr Sulochana Wadhwani and Dr CS Malvi** in five-days Short Term Training Program on "Recent Advances in Electrical Engineering " under TEQIP Phase-II during 1-5 March 2016, at MITS Gwalior. In which **Dr. A. K. Wadhwani** delivered his lecture on "*Feature Extraction of ECG signal using Wavelet Transform*".

Dr. A. K. Wadhwani delivered lecture on 'Application of Soft Computing Techniques for Diagnostics of Neuromuscular Disorder using Hagman distance' in TEQIP-II sponsored One week FDP on "Signal and Image Processing" at BIET, Jhansi.

Dr C S Malvi has been Resource Person to AICTE 1D workshop on '*System for Smart Cities*' on 30 March 2015 at Architecture Department, MITS, Gwalior and **World Intellectual property day** guest lecture at ShriRam Group of Colleges, Banmore on 26 April 2016. Also, Dr Malvi delivered a invited talk in the Seminar on *Energy and Environment* held at Asian Instt of Tech. Tonk, Jaipur on 5-6 May 2016, and, National conf. on **Renewable and Energy conservation (NCREEC-2016)** on 20-21 May at Poornima University, Jaipur.

FDP ATTENDED

- Rajeev Kumar Singh participated in Faculty Enablement Program on Software Testing at Nagpur, Maharashtra during 4-8 January 2016 under Infosys campus connect program.
- Prof. Sanjiv Sharma attended Faculty Development Program on "*Promoting Quality in Higher Technical Education*" Conducted by IIITM Gwalior, 18-22 January 2016.
- Prof. Sharad Agrawal, Prof. Dinesh K Kasdekar, Prof. Amit Aherwar attended 1D workshop on "Applied Computing" on 29 March 2016 at MITS, Gwalior.
- Prof. Sharad Agrawal and Prof. Vaibhav Shivhare attended Two week "*Faculty Development Programme in Entrepreneurship*" sponsored by NSTEDB, DST, Government of India, New Delhi at MITS, Gwalior from 28 April-11 May,2016
- Dr. Manjaree Pandit & Dr. P.K. Singhal attended a workshop on *Quality Initiatives in Technical and higher Education Institutions (in compliance with NBA and NAAC Accreditation)* at Engineering Staff College of India (ESCI), Hyderabad from 3-5 May 2016.

ACTIVITIES ORGANIZED

MECHANICAL ENGINEERING

Two days workshop was organized on '*Finite Element methods for Engineers*' on 1-2 April, 2016 in Mechanical Engineering Department.

Educational Tour

Educational tour was conducted for M.Tech. (Production Engineering) First year students. The students visited 'Moorthi kala Kendra, Gwalior' to understand the casting process on 27 Aug 2016 under the guidance of Prof. R P Kori.

Electrical Engineering

- Organized Five days Short Term Training Program on **'Recent Advances in Electrical Engineering'** under TEQIP Phase-II during 1-5 March 2016.

- Organized One day Seminar on **'Renewable Energy and Microgrid'** under TEQIP-II on 16 March 2016.

- Organized One day Conference on **'Innovations in Electrical Engineering (IIEE2016)'** under TEQIP-II on 17 March 2016.

- Organized an expert talk on '**Preparation of GATE and IES'** by **Prof Ashish Guta, RJIT Tekanpur Gwalior** on 07/05/2016.

- An industrial visit was organized on 12 August 2016 to study **Fibre Manufacturing Process** in SRF, Malanpur, Gwalior.

Lecture Series at Biotech

Department of Biotechnology organized a five-days expert lecture series on '*Bioinformatics: Application in Biotechnology'*. Scientists and academicians from reputed institutes delivered lectures covering nearly all the topics of basic Bioinformatics. Dr Ajit Kumar, Assistant Professor, Centre for Bioinformatics Maharshi Dayanand University, Rohtak, Haryana was the first to deliver a lecture on 'Bioinformatics Databases' followed by Dr Chakresh Jain, Assistant Professor (Senior Grade) Jaypee Institute of Information Technology, Noida who expounded the probabilistic and statistical foundations of various Bioinformatics methods. On the second day, Dr. Punit Kaur, Professor & Head of the Department of Biophysics, AIIMS, New Delhi and Dr. Gitanjali Yadav, MNASc Staff Scientist IV, NIPGR, New Delhi described Pairwise and multiple sequence alignments. Various methods and applications of Phylogenetic analysis were described by Dr. Ram Kumar Dhaked Scientist-E Division of Biotechnology DRDE, Gwalior on the third day. On the fourth day, tools used for Genome Analysis were described by Dr. Dwijesh Chandra Mishra, Scientist, Bioinformatics Biometrics Division, ICAR, New Delhi and 'in-silico methods for Protein Structure Prediction' was described by Dr. Manoj Kumar, Scientist-II, Department of Biophysics, AIIMS, New Delhi. On the fifth day, Dr. Kishor Shende, Information Officer, Bioinformatics Department of Biotechnology Barkhatullah University, Bhopal illustrated the techniques used for "RNA structure Prediction and its importance".

CSE & IT

Peer Enablement Program on Software Testing conducted by **Prof. Rajeev Kumar Singh** on 06/02/2016 at IBM lab. In this program, Prof. Rajeev Kumar Singh explored a testing tool "Selenium" which is beneficial to perform GUI Testing. Faculty members, Staff and students have attended the same.

Students of M. Tech Program from the department of CSE & IT attended a course on "Data Mining: Concepts and Techniques" under Global Initiative for Academic Networks (GIAN), of Ministry of HRD Govt. Of India at Jabalpur engineering College, Jabalpur from June 20 to July 1 2016. Detail of students is as follows:

- ➢ Diksha Kurchaniya
- ➢ Mohd. Aquib Ansari
- ➢ Ravi Devesh
- ➢ Ruchi Jayaswal
- ➢ Priyanka Gupta
- ➢ Kunal Gupta

STUDENT ACHIEVEMENT

Placement

S. No	Company Name	No of Placed Student
1	Tech Mahindra	8
2	Infosys	8
3	L&T Infotech	2
4	Mahindra EPC	3
5	Schneider Electric	2
6	Turck India	2
7	Emerald	3

Swati Rajput, Manjyot Kaur and Dheeraj Arya, students of final year B.E. Biotechnology have cleared Graduate Aptitude Test in Engineering (GATE) 2016 exam with score of 596, 412 and 206 respectively.

ELECTRONICS

➢ Organized 1W STTP under TEQIP-II on **Advance Techniques in Signal Processing and Communication** during March 1-5, 2016.
➢ Organized AICTE National Conference o**n Recent Advances in Electronics & Communication Engineering** (4-5 March 2016)

Entrepreneurship Development Cell

Entrepreneurship Development Cell organized a 3D National Seminar on '*Technology, Innovation Management and Entrepreneurship Development'* during 11-13 June 2016. The Seminar was sponsored by NITI Aayog, Govt. of India, New Delhi and was aimed at discussing about the opportunities and constraints in implementing the technology and innovation in entrepreneurship. EDC has also organized one FDP sponsored by DST, Government of India, New Delhi and one FDP sponsored by Directorate of Technical Education, Government of Madhya Pradesh, Bhopal. Faculty Members and Research Scholars from different Science and Technology Institutes along with the Management Institutes participated in the Program.

The main aim of the program was to develop the requisite knowledge and competencies encompassing attitudes, motives and skills for performing the role of Teacher-Trainer-Motivator-Counselor for entrepreneurship development in their respective Institutes among the teachers.

Six Weeks Technical Entrepreneurship Development Program (TEDP) sponsored by Department of Science and Technology, Government of India, New Delhi, has also been conducted for the students who want to start their enterprise in the area of Computer Hardware and Networking. The Inaugural Session was attended by Hon'ble Justice N.K. Gupta, M.P. High Court and the Guest of Honor was Dr. Neeraj Sharma, Advisor and Head (TTD).

Apart from the above programs Seven Entrepreneurship Awareness Camp (EACs) sponsored by Department of Science and Technology, Government of India, New Delhi, have also been conducted by ED Cell. The main aim of these programs is to develop entrepreneurial skills among students of Science and Technology Institutes of Gwalior-Chambal Division.

MCA Department

Department of Computer Applications organized AICTE sponsored one day workshop on "Applied Computing" under QIP on 29 th March 2016. Keynote address was delivered by Dr. Manu Pratap from Dr. B. R. Ambedkar University Agra on "Soft Computing". Other speakers were Dr. Dheerendra Pratap and Dr. Akhtar Rasool from MANIT Bhopal. They delivered their talk on High Performance Computing and Big Data respectively. The workshop proved fruitful for the students and faculty.

NATIONAL SERVICE SCHEME

Rally on World Population Day

An awareness was organized on the occasion on 'Vishva Jansankhya Divas' i.e. **11/07/2016** from Phool Bag to Galav Sabhagar, Jiwaji University. The rally was organized by National Service Scheme, Jiwaji University, Gwalior. Twenty three students/ volunteers of NSS unit MITS with program officer participated in this event.

Voter Awareness Program

Mr. R. C. Mishra, Dy. election officer delivered a lecture to the students/ volunteers on **30/07/2016** to create awareness among the students. Afterwards, students/ volunteers ran an awareness drive in the Gola ka.

Publications

BIOTECH

Diksha Jain, Ravita Ravat and Vinod Kumar Jatav (2016). *'Phylogenetic analysis of RAS subfamily protein'*, International Journal of Pharmaceutical Science and Research, Vol.7, issue 3, Pp 1070-1080.

Priyanka Sahu and Sunita Sharma (2016) '*Mercury and Lead Accumulation by Eudrilus eugeniae in Soils Amended with Vermicompost'*, Biological Forum– An International Journal. 8(1): 565-569.

Pooja Raj Chansoliya, Rahul Anand and Sunita Sharma (2016) '*Analysis of Bioethanol production from Newspaper by Saccharomyces cerevisiae and Zymomonasmobilis'*, International Journal of Engineering Development and Research (IJEDR), ISSN:2321-9939, 4(3):517-519.

CSE and IT

Kuldeep Singh Rathore, **Sanjiv Sharma**, "*A Review on Web Usage Mining For Web Personalization Using Clustering Techniques*", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), ISSN: 2277 128X, 6(5), May 2016.

Pooja Mishra, **Sanjiv Sharma**,"*Analysis of Clustering Algorithm for Lifetime Improvement in Wireless Sensor Networks*", International Journal of Engineering Trends and Technology (IJATT), ISSN (Online) ISSN: 2231-5381, 35(12), May 2016.

Pratishtha Parashar, **Sanjiv Sharma** "A Literature Review on Architecture, Classification Technique and Challenges of Sentiment Analysis**"** International Journal of Engineering Research & Technology, 2278-0181, 5(5) May 2016.

Pooja Mishra, **Sanjiv Sharma** "*A Review on Weight Based Clustering Algorithms in Wireless Sensor Networks*" International Journal of Advanced Research in Computer and Communication Engineering ISSN (Online) 2278-1021, 5(4), April 2016.

Ajmer Singh Dhakad, **Sanjiv Sharma** "*An Exploration on Existing Methods for Data Aggregation in Wireless Sensor Network*" International Journal of Advanced Research in Computer and Communication Engineering, ISSN (Online) 2278-1021, 5(4) April 2016.

Khushboo Shrivastava,**Vikas Sejwar;** "*Behaviour based Detection of Worm Hole Attack and for Secure Transmission use AES in MANET*" 2(8), 2016.

Shweta Sharma, **Vikas Sejwar;** '*QR Code Steganography for Multiple Image and Text Hiding using Improved RSA-3DWT Algorithm*'. International Journal of Security and Its Applications 10(7), 2016.

Neha Kushwah, **Abhilash Sonker** "*Survey On Malicious Action On VANET*" 3 rd national conference on advances in information and communication Technology, Feb 2016 (Presented).

Mahesh Parmar, et al. "*Comparative Study of Data Aggregation Protocol in Wireless Sensor Network*" 3rd National Conference on Advances in Information and Communication Technology (NCAICT-2016), Madhav Institute of Technology and Science, Gwalior, India, 04-05 February 2016.

Neha Kushwah**, Abhilash Sonker** "*Malicious Node Detection On Vehicular Ad-Hoc Network Using Dempster Shafer Theory For Denial Of Services Attack*" IEEE 8th Int. conf. on Computational Intelligence and Communication

Satyendra Kumar Patel **& Abhilash Sonker, '***Rule-Based Network Intrusion Detection System for Port Scanning with Efficient Port Scan Detection Rules Using Snort*'. International Journal of Future Generation Communication and Networking Vol. 9, No. 6 (2016), pp. 339-350.

Satyendra Kumar Patel **& Abhilash Sonker,** '*A comparative study of current intrusion detection system*' 3rd national conference on advance in information and communication technology , Feb 2016 "presented"

Jamvant Singh Kumare et al. '*A brief Study on Image Restoration with its Types and Enhancement Model*, International Journal of Image Processing & Pattern Recognition Progress, 9(4) 107-120, April 2016.

Jamvant Singh Kumare et al. '*An Innovative Fog Removal and Enhancement using DCP and ACCLAHE with Gamma Transformation*', Int. J.of Advanced Research in Computer Science and Software Engineering, 6(6) 661-669, June 2016.

Rajeev Kumar Singh, et al. "A Review on Ant Colony Optimization with k-Means", *International Journal of Advanced Technology & Engineering Research*, 6(1) 1-4, ISSN: 2250-3536, Jan 2016.

Rajeev Kumar Singh, et al. "An Image Segmentation using Combination of Ant Colony Optimization and k-Means

Integrated With Fuzzy c-Means**"** *In Int.Conf.on Communication System and Network Technologies, IEEE*, 2016

Pallavi Agarwal and **Neha Bhardwaj**, '*A Review on Trust Model in Vehicular Ad Hoc Network*', International Journal of Grid and Distributed Computing (IJGDC), 9(4) 325-334, April 2016.

Pallavi Agarwal and **Neha Bhardwaj**, '*Overview of Trust Management in VANET and Various Cryptography Fundamentals*', International Journal of Future Generation Communication and Networking (IJFGCN), 9(6) 137-144, June 2016.

Pallavi Agarwal and **Neha Bhardwaj**, '*Enhance the Security by using Hashing Techniqueand Trust Values in Vehicular Ad Hoc Networks*', Int. J. for Sc. and Adv. Research in Technology (IJSART), 2(7) 78-83, July 2016.

Mahesh Parmar et al. '*Dynamic Surface Control Based TS-Fuzzy Model for a Class of Uncertain Nonlinear*' International Journal of Control Theory and Applications Systems, (Scopus Index), ISSN : 0974-5572, 9(2) June 16.

Mahesh Parmar et al. '*Neural Network for Dynamical Surface Control using Bat Algorithm*' 20th Annual National Conference of Gwalior Academy of Mathematical Sciences (GAMS-2016). School of Mathematics and Allied Sciences, Jiwaji University, Gwalior, India, 05-06 Feb 2016.

Sandhya Verma and **Amit Kumar Manjhvar**, "*Updated Page Rank of Dynamically Generated Research Authors' Pages: A New Idea*" in IEEE Int. Conf. on Recent Trends in Electronics Information Communication Technology, May 20-21, 2016, India

Nidhi Tomar, **Amit Kumar Manjhvar** "*Role of Clustering in Crime detection: Application of Fuzzy k-means*" in ICCCCS 2016 in Advance in intelligent system and computing Springer.

Nidhi Tomar, **Amit Kumar Manjhvar**"*An Improved Optimized Clustering Techniquefor Crime Detection*" in CDAN2016 in IEEE conference.

Nidhi Tomar, **Amit Kumar Manjhvar**" *A review on crime analysis technique*"in NCAICT2016.

Rajni Ranjan Singh Makwana et al. "Dynamic Surface Control Based TS-Fuzzy Model for a Class of Uncertain Nonlinear Systems" I J C T A, 9(2) 2016, pp. 1333-1345 International Science Press.

ELECTRICAL ENGINEERING

Tesjswani Sharma and **Laxmi Srivastava**, '*Modified Cuckoo Search Algorithm for Optimal Reactive Power Dispatch, Presented, on Current Advances in Electronics*', Electrical and Computer Science (ICEECS-16) Int. Conf. on Communication Systems and Network Technologies (CSNT 2014), Chennai, on 20th March, 2016.

Niti Tiwari and **Laxmi Srivastava**, '*Generation Scheduling and Micro-grid Energy Management Using Differential Evolution Algorithm*', Presented, Int. Conf. on Circuit,

Power and Computing Technologies (ICCPCT) held at Kanyakumari, March 18-20, 2016.

T. K. Bashishta and **Laxmi Srivastava**, '*Multi-Objective Optimal Power Flow using Dragonfly Algorithm'*, Presented, Int. Conf. on Computation of Power, Energy Information and Communication (ICCPEIC) held at Adhiparasakthi Engineering College, Melmaruvathur, April 20-21, 2016.

Rana Bharat Singh and **Laxmi Srivastava**, '*Optimal StatCom Placement using Gravitational Search Algorithm'*, 1st IEEE Int. Conf. on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), held at Delhi Technical University, Delhi, July 4-6, 2016.

Abhishek Saxena, Seema N. Pandey and **Laxmi Srivastava**, '*DC-OPF Based Allocation of Wheeling Prices for Varying Contribution of Producers and Customers*' 1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), held at Delhi Technical University, Delhi, July 4-6, 2016.

H. Singh and L. Srivastava, '*Recurrent multi-objective differential evolution approach for reactive power management'* IET Proceedings - Gener. Transm. and Distrib.(UK), 10(1) 2016 pp. 192-204.

Bharat Rana Singh and **Laxmi Srivastava**, '*Optimal Allocation of StatCom using GSA, PSO and GA'*, International Journal of Electronics, Electrical and Computational System IJEECS, ISSN 2348-117X, 5(5) May 2016, pp. 46-58.'

T. K. Bashishta and **L. Srivastava**, '*Nature Inspired Meta-heuristic dragonfly Algorithms for Solving Optimal Power Flow Problem'*, International Journal of Electronics, Electrical and Computational System IJEECS, ISSN 2348-117X 5(5) May 2016, pp. 111-120.

Manjaree Pandit, Kalpana Jain, **Hari Mohan Dubey** and Rameshwar Singh, *Large-Scale Multi-Area Static/Dynamic Economic Dispatch Using Nature Inspired Optimization,* J. Inst. Eng. India Ser. B DOI 10.1007/s40031-016-0248-2, Springer

Hari Mohan Dubey, **Manjaree Pandit**, B.K. Panigrahi, *Hydro-thermal-wind scheduling employing novel ant lion optimization technique with composite ranking index,* Renewable Energy 99 (2016) 18-34, ELSEVIER (IF: 3.404)

Hari Mohan Dubey Manjaree Pandit a, B.K. Panigrahi, *Ant lion optimization for short-term wind integrated hydrothermal power generation scheduling,* Int. J. Electrical Power and Energy Systems 83 (2016) 158–174 ELSEVIER (Impact Factor: 2.587) (Nonpaid peer reviewed journal) (science citation index- journal list 2015:page 198 / 434 no:17

Arjit Singh Chauhan & **S. Wadhwani** , "*Bearing Fault Diagnosis of Induction Motor Using Time Domain Analysis*", Int. J. of Engineering Technology, Management and Applied Sciences (ITETMAS-2016), 4(5) May 2016, pp 56-64.

Prashant Pachouri, "*Designing of Digital FIR Filter using Differential Algorithm using Stipulated Genes*", International Journal of Engineering Technology, Management and Applied Sciences(ITETMAS-2016), 4(5), May 2016, pp 65-68.

Sarika Varshney, **Laxmi Srivastava** and **Manjaree Pandit,** "*A Distributed Computing Approach for Integrated Security Assessment of Power System*", International Journal of Electrical Power and Energy Systems,78, 2016,591-599.

Pragya Sharma & **S. Wadhwani,** "*Short Term Load Forecasting Using Artificial Neural Network*", International Journal of Advanced and Innovative Research, 5(5) May 2016, pp 85-88.

Ankita Soni, **S. Wadhwani** & D. K. Chaturvedi, "*Measurement of Chakra Energy: Effect of Different Activities on Consciousness*", International Journal of Electrical Communication Engineering,2(1), 2016, pp 1-5

Ankita Soni and **S. Wadhwani**, "*Consciousness Level and Correlation with Measurement of Chakra Energy*", International Journal of Engineering Technology, Management and Applied Sciences(ITETMAS-2016), 4(5), May 2016, pp 85-89.

Kuldeep Kumar Swarnkar, Pavan Kumar Singh "*Comparative Analysis of P, PI and PID Controllers for Speed Control of PMBLDC Motor using MATLAB/SIMULINK*" International Journal of Engineering Technology, Management and Applied Sciences, May 2016, 4(5), pp 90-96,ISSN 2349-4476.

Amit Singh Jadon **Praveen Bansal** Dr. Anmol Ratna Saxena "*Design and Implementation of three-phase 3-level T-type Multilevel Inverter with Different Modulation* "ICIRESM – 16 May, 2016.

Amit Singh Jadon **Praveen Bansal** Dr. Anmol Ratna Saxena "*Design and Implementation of three-phase 3-level T-type Multilevel Inverter with Different Different modulation techniqueModulation* IJEECS 5(5) 515-20ISSN 2348-11 7May 2016.

Rajat Singh Kushwah **Praveen Bansal** "*A New Topology for 7-Level Multilevel Inverter with different PWM techniques*" IJETSR Vol.3, Issue 5173-1812394-3386 MAY 2016.

Bharti Singh and **Laxmi Srivastava**, "*Goal Attainment Method for Solving Reactive Power Dispatch*", Presented, Int. Conference in Power System held at IIT, Delhi, March 4-6, 2016.

Bharat Singh Rana and **Laxmi Srivastava**, "*Optimal location and sizing of STATCOM using Fuzzy-PSO approach*", Presented, Int. Conference in Power System held at IIT, Delhi, March 4-6, 2016.

H. Singh and L. Srivastava, "*Optimal VAR control for real power loss minimization and voltage stability improvement using Hybrid Multi-Swarm PSO*", Presented, Int. Conf. on

Circuit, Power and Computing Technologies (ICCPCT) held at Kanyakumari, March 4-6, 2016.

Abhishek Saxena, Seema N. Pandey and **Laxmi Srivastava**, "*Genetic Algorithm Based Wheeling Prices Allocation for Indian Power Utility by Using MVA Mile And MW Mile Approaches*", Presented in 2016 Int. Conf. on Emerging Trends in Electrical Electronics & Sustainable Energy Systems (ICETEESES), held at KNIT Sultanpur, March 11-12, 2016.

Vikas singh kushwah, **Rakesh Narvey** "*HV Power drivers electronics for Ultrasonic transducer*" Published in Int. Confon TIMS Feb. 11-13, 2016.

ELECTRONICS ENGINEERING

Vipin Chaturvedi,**Vandana Vikas Thakare** ,": Low Pass Raised Cosine FIR Filter Design using Artificial Neural Network Journal OF Advance Research in Electrical and Electronics Engineering , P-ISSN: 2349-5804; e-ISSN: 2349-5812, Volume 3, Issue 3, April-June, 2016, pp.219-222.

Arvind Ambey and **Vandana Vikas Thakare** Study of ECG Signal by using Different Order Kaiser Window And Neural Network, International Journal of Embedded Systems And Emerging Technologies Vol. 2 Issue 1 pp 15-19 June 2016.

Dileep Dhakad and **Laxmi Shrivastava**,"*Performance Evaluation of Fuzzy Logic based AODV and OLSR in MANET*", International Journal of Communication Systems and Networks (IJCSN), 5(1), 2016.

Dileep Dhakad and **Laxmi Shrivastava**, "*Performance Analysis of AODV protocol in MANET using Fuzzy Logic and QualNet*", Int.J. of Computer and Communication Engineering Research (IJCCER),4(2), March 2016.

Dileep Dhakad and **Laxmi Shrivastava**, "*Comparative Evaluation of DSR using Fuzzy Logic and QualNet*", International Journal of Innovative Research in Science and Engineering, 2(5), May 2016.

Richa Rai, **Laxmi Shrivastava and Sarita S. Bhadauria**, "*Performance Analysis of Fuzzy based RED for Congestion Control in MANET*", International Journal of Smart Home, 10(5), pp. 231-240, 2016.

Richa Rai, **Laxmi Shrivastava and Sarita S. Bhadauria**, "*Performance Analysis of Network with Random Waypoint and Group Mobility Models in Three Different Environments*", IEEE Int. Conf on Advances in Computing, Control and Communication (IAC3T-2016), Allahabad (U.P.), 25-27 March 2016.

Sweaty Jain and **Vandana Vikas Thakare**, "*Analysis of moisture sensor based on microstrip path antenna :A Review*" Int. Conf on Futuristic Trends in Engineering Science, Humanities and Technology (FTESHT -

16),January 23-24 ,2016 at IPS College of technology, Gwalior.

Vipin Chaturvedi,**Vandana Vikas Thakare** , '*Low Pass Raised Cosine FIR Filter Design using Artificial Neural Network'* presented in Int. Conf. on Innovative Research in Computer Science, E-learning, in formation & Communication Technology on 7th may 2016 organized by Krishi Sanskriti at Jawaharlal Nehru University, New Delhi.

Shaily Goel and **Vandana Vikas Thakare**, "*Modelling of parallel coupled line band pass filter*, "National Conference on Recent Advances In Communication Engineering" (4-5 March, 2016) at MITS Gwalior.

MECHANICAL ENGINEERING

Amit Aherwar, Amit Singh, Amar Patnaik "*Study on mechanical and wear characterization of novel Co30Cr4Mo biomedical alloy with added nickel under dry and wet sliding conditions using Taguchi approach*" (Proc. IMechE Part L: J Materials: Design and Applications. 2016, DOI: 10.1177/1464420716638112

Amit Aherwar, Amit Singh, Amar Patnaik "*Current and Future Biocompatibility Aspects of Biomaterials for Hip Prosthesis*", (Journal on Bioengineering, 3(1): 1-22). DOI:10.3934/ bioeng. 2016.1.1.

*Agrawal S., Gaur M. K., Kasdekar D., Agrawal S. and **Malvi C. S** (2015). "Optimal Machining Condition for Turning of Hard Porcelain using Response Surface Methodology"* European Journal of Advances in Engineering and Technology, Vol. 2(5), pp:1-5.**ISSN2394 - 658X.**

Gaur L., Gaur M. K. and **Malvi C. S**. (2015). *"Scram Jet Combustor With Pylon Injector By Computational Fluid Dynamics Analysis"*. Int. J. of Adv. Tech. in Engg. and Sc., Vol. 3(3), pp: 81 − 92**.** ISSN: 2319-8354.

Lalit Kumar Gaur, **M.K.Gaur**, C.S.Malvi (2015) CFD analysis on wind blade. Int. J. of Adv. Research in Sc. and Engg., No 4, Issue 04, 2015.*ISSN-2319-8354*.

Anoop Jain, **C. S. Malvi** (2016), *Experimental and Mathematical Study of Brass Casting During Solidification*. Int. J. of Adv. Sc. and Tech.,Vol.90 (2016), pp.15-24.ISSN: 2005-4238.

TEAM NEWSLETTER