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Members

in the News

Dr. Archana Sharma, FIE

Outstanding Scientist and Head, PPSS, APPD; Professor, Engineering Sciences(EE), HBNI, BARC, Mumbai



Selected as Fellow of Indian National Academy of Engineering by the Council at its meeting held on 25. 08. 2017 in recognition of distinguished contributions to Engineering.

Prof. C. Kayalvizhi, AMIE

Head, Department of Textile Technology, RVS College of Engineering, Dindigul, Tamilnadu



Participated 3 days International Workshop on “Advancements in Composite Materials and its Applications” held on 13, 14, & 16th October 2017 at Kumaraguru College of Technology, Coimbatore, India.

Mr. Vinay Kumar Shukla, MIE

Deputy Manager, Instrumentation Dept. National Fertilizers Ltd. and Honorary Secretary, IEI, Gwalior Local Centre



- A value added lecture was delivered on “Instrumentation and Control” at Govt Polytechnic Raghogarh, Guna on 27.10.2017 for final year students.
- Awarded prize for Vigilance Awareness Essay Competition on 3.11.2017 at National Fertilizers Ltd., Vijaipur, Guna.

Mr Jagdish Prasad Sharma, AMIE

JK Lakshmipat University, Jaipur

- Received international travel support from Science and Engineering Research Board (SERB), Department of Science & Technology, Government of India to present research paper in “6th International Conference on Clean and Green Energy (ICCGE 2017)”, Frankfurt, Germany, February 8-10, 2017.
- Was invited by Joint Director, Power Systems Division, CPRI, Bangalore for using country “First PMU Testing Laboratory” Established at Central Power Research Institute (CPRI), Bangalore under the 12th Five year plan project of Ministry of Power.



Dr. Amitava Nag, MIE

Associate Professor, Department of Information & Technology, Central Institute of Technology, Kokrajhar

Chaired a session in “IEEE Region 10 Conference (Tencon 2017)”, held in Penang, Malaysia during November 5 –8, 2017.



Mr. Vishnu R Bankar, AMIE

Bajaj Auto Ltd., Chakan, Pune



Awarded by “Sant Savta Bhushan Purskar-Educational & Industrial Award-2017, Maharashtra State” on 12. 11. 2017 for contribution in excellent achievements in educational & industrial area.

Mr G Paavan Kumar Reddy, AMIE

Trainee, Agriculture and Soils Department, Indian Institute of Remote Sensing (IIRS), Dehradun

Received “Young Professional Scholarship-2017” from International Commission on Irrigation Drainage (ICID-CIID) to attend the 23rd ICID congress and 68th International Executive Council Meeting on 8th – 14th October 2017 at World Trade Centre, Mexico City, for his significant contributions in the active participation and discussion in the ICID Young Professionals e-forum (IYPEF) on LinkedIn.



Members

in the News

Mrs. B. V. Bahoria, AMIE

Assistant Professor, Civil Engineering Department, Rajiv Gandhi College of Engineering & Research, Nagpur

Has been awarded Ph.D by Rashtra Sant Tukdoji Maharaj Nagpur University, Nagpur. Her topic of research was “Feasibility Study of Replacement of Natural Sand by Quarry Dust and Waste Plastic in Concrete” under the able guidances of Dr.D.K.Parbat (Govt.Polytechnic Nagpur), Dr.P.B.Nagarnaik (G.H.Raisoni College of Engineering,Nagpur) and Dr.U.P.Waghe (Yeshwantrao Chavhan College of Engineering,Nagpur) being the Faculty Advisors. Her place of research was Yeshwantrao Chavhan College of Engineering, Nagpur.



Prof. G. K. Roy, FIE

Former Professor of Chemical Engineering and Former Director of National Institute of Technology, Rourkela



Has been nominated as a Member of the Appellate Authority constituted by the Forest & Environment Department, Government of Odisha to hear appeals against any order made by the State Pollution Control Board, Odisha under the Water Prevention & Control of Pollution Act 1974 with a sitting judge of the state High Court as its Chairman.

Ms Damyanti G Badagha, AMIE

Research Scholar, Applied Mechanics Department, Sardar Vallabhbhai National Institute of Technology, Surat

Received IAAM YOUNG SCIENTIST AWARD in March 2017 from the IAAM Society, Sweden in the ICNANO 2017 conference at Vinoba Bhave Research Institute, Allahabad.



Mr. Nagaraj Keladi Gundajois, MIE

Lead Auditor LRQA & Approved Valuer

- Letter of Appreciation received from 'Dan Hospitality India Pvt. Ltd., Bangalore on 27.04.2017 for construction of DEN Hotel.
- Letter of Appreciation and Acknowledgement received from Robert Bosch Technical & Business Solutions GmbH on 24.07.2017.



Prof. Mukesh Kumar Kumawat, MIE

Head, Electrical Engineering Department, Christian College of Engineering & Technology, Bhilai



Attended National Workshop on “Value Education Mentor Training On Human Values”, under Soft Skill Development Course for Faculties, under TQIEP-III organized by Chhattisgarh Swami Vivekanand Technical University (CSVТУ) Bhilai, on October 25-27, 2017.

Dr. Gyanendra Pandey, MIE

Corporate HSE Head, Lanco Group, LANCO HOUSE, Gurgaon

Presented paper “Globalization impact on Disaster Management Challenges” in International Conference on FIRE INDIA 2017, organized by The Institution of Fire Engineers India during September 4-8, 2017.



Prof. C. M. Narayanan, MIE

Former Professor of Chemical Engineering Department National Institute of Technology, Durgapur



Has been conferred with Publons Peer Review Award – 2017 for being adjudged as one of the top 1% of international peer reviewers in Chemical Engineering.

Members

in the News

Prof. G. R. Sinha, AMIE

Adjunct Professor, IIIT Bangalore, Deputed to Myanmar Institute of Information Technology (MIIT), Mandalay



- Deputed as Professor to Myanmar Institute of Information Technology, Mandalay (which is being mentored by IIIT Bangalore as India-Myanmar Friendship Project).
- Appointed as Distinguished Speaker for three Years (2017-2020) in the field of Digital Signal Processing by ACM (Association for Computing Machinery).
- Appointed as Expert Member of Vocational Training Programme for Two Years (2017-2019) by Tata Institute of Social Sciences (TISS).

Mr. Vijai Kumar Sharma, FIE

Former Additional General Manager, Ordnance factory, Khamaria, Jabalpur (MP)



Received the “Life Time Achievement Award”, of Institute of Technical and Scientific Research, Jaipur, during the function of “ITSR Foundation Award-2017”, organized in Hotel Golden Tulip, Jaipur on 25.11.2017.

Mr. Prasanna Venkatesan Theerthagiri, AMIE

Researcher, Adhiyamaan College of Engineering, Anna University, Chennai

Received “Bilateral Mobility Grant Award” from Center of the Republic of Slovenia for Mobility and European Education and Training Programs (CMEPIUS) in an exchange PhD professor for the duration of 6 months from 1. 10. 2017 to 30. 3. 2018 at the University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies, Koper, Republic of Slovenia.



Mr. Vikas Ghuriani, AMIE

Executive-Instrumentation, Hindustan Unilever (Home Care Products Plant), Sumerpur, Kanpur

Selected as one of the “Super Stars (2017)” of whole South - Asia Region in Supply Chain Field in 2017.



Mr. Srinivas Bachu, AMIE

Associate Professor, Department of ECE, GNITC, Hyderabad



- Received Vikram Award, constituted in the memory of Hon. Vikram Sarabhai by System Society of India (SSI) founded by Most Revered Prof. P.S. Satsangi Sahab. Award Conferred on 19. 10. 2017 by the President of DEI for the outstanding contribution in Manufacturing Systems.
- Received Best Paper Award for a Journal paper, “A Quantum Inspired Evolutionary Computational Technique with Applications to Structural Engineering Design”, JCSE-International Journal of Computer Sciences and Engineering, Vol. 5, Issue 5, pp. 20-33, 2017.
- Chaired Technical Sessions on “Aerial Delivery & Airborne Surveillance Systems for National Security (ADASS-2017)”, on 10. 10. 2017 organized by Aerial Delivery Research & Development Establishment (ADRDE), Agra.

Dr. Prabhudev, M. S., FIE

Head of Section & Selection Grade Lecturer (Mechanical Engg.), Government Polytechnic, Kalgi, Kalburgi, Karnataka

- Selected & worked as Expert committee member to discuss, review and strengthen the courses being conducted by Karnataka German Technical Training Institute Kalburgi on 9.11.2017.
- Invited as Member, Technical Committee, 2017 during 4th International Conference on Mechanical, Materials and Manufacturing (ICMMM 2017), Oct. 25-27, 2017, Atlanta, USA.
- Invited as Technical Programme Committee Member in International Conference on Mechanical Engineering And Applied Composite Materials (MEAM 2017) Nov.23-24, 2017, Hong Kong.



Mr. B D Gour, MIE

Dy General Manager – Electrical (Central Services), Larsen & Toubro Limited, Hazira Manufacturing Complex, Surat



Presented paper on the theme “Quality Helps Energy Conservation” in Seminar on Role of Quality Concepts in Improving Energy Efficiency, organised by Quality Circle Forum of India, Surat on 9.9. 2017.

Publications

by Members

Prof. R. Ramakrishnan, FIE

Department of Sports Technology, Tamilnadu Physical Education and Sports University, Vandalur, Melakottaiyur, Chennai

Title of Paper : "Design And Implementation of Wireless Sensor Network for Javelin Throw", *International Conference on Sports Engineering 2017*, 23-25 October 2017, Organised by BITS Pilani, Rajasthan, India, in association with International Sports Engineering Association- UK.

Co-author : G Elumalai



Mr. Ram Pratap Kushwaha, AMIE

Technical Officer (D), Materials Science Division, Bhabha Atomic Research Centre, Mumbai

Title of Paper : "Studies on Laser-TIG Hybrid Welding of RAFM Steel and SS316 and Effects of Process Parameters on Joint Properties" *NMD-ATM 2017, The Indian Institute of Metals (IIM), Mumbai, Pune and Goa chapters during 55th National Metallurgists' Day (NMD) at BITS Pilani- KK Birla, Goa campus from November 11-14, 2017.*

Co-authors: S. P. Chakraborty, Santosh Kumar, Reena Awasthi,



Prof. Vijayan Gurumurthy Iyer, FIE

Professor (Environmental Engineering), Department of Civil Engineering, Nasaraopeta Engineering College(Autonomous), (Affiliated to Jawaharlal Nehru Technological University), Narasaraopeta, Guntur, Andhra Pradesh



Title of Paper : "Strategic Environmental Assessment (SEA) Process and Environment Impact Assessment (EIA) Process of Concrete Batching Plants". *Published in the Program Book of 5th Global Congress on Renewable Energy and Environment (ESWAE-2017), November 09-11, 2017, Antalya, Turkey.*

Title of Paper : "Environmental and Quality Management for the Higher Education Institutions to Achieve Research and Academic Excellence", *Journal of Modern Education Review (JMERE)*, ISSN 2155-7993, USA, February 2016, Volume 6, Number 2, pp. 135-146, @Academic Star Publishing Company, New York, USA.

Title of Paper: "Environmental Health Impact Assessment (Ehia) Process for Nuclear Power Plant Project Towards Sustainable Nuclear Power Development", *In Program Book of 4th Global Conference of Administrative and Political Sciences (ADPOL-2016) at Hammamet, Tunisia (Session 5 14.20-14.40) during November 24-26, 2016 organized by Academic World Education and Research Center.*

Dr. M Vasudevan, MIE

Assistant Professor (Senior Grade), Department of Civil Engineering, Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu



Title of Paper : "Feasibility Study on Decontamination of Aged Spent Wash using Activated Carbon from Limonia Acidissima Shell". *Desalination and Water Treatment*, pp. 82, vol. 369-378. (IF=1.631 SCIE, WoS, Scopus) ISSN 1944-3994.

Co-author(s) : Padmanabhan K., Ramakrishnan S. and Natarajan N.

Dr. Mantrala Kedar Mallik, AMIE

Associate Professor, Department of Mechanical Engineering, Vasireddy Venkatadri Institute of Technology, Guntur

Title of Paper : "Laser Engineered Net Shaping Process in Development of Bio-Compatible Implants: An Overview". *Journal of Advanced Research in Dynamical and Control Systems*, Vol. 9, pp. 745-755, Sp- 14 / 2017.

Co-author(s) : Ganzi Suresh and K L Narayana



Publications

by Members

Dr. Pranjal Kumar Phukan, MIE

Regional General Secretary, CASI Global US, Executive Council Member, GLG, Hong Kong, Brand Ambassador, International Academy of Science, Engineering & Technology, New Delhi

Title of Paper : “Developing Trends & Technologies in Petrochemicals and Plastics” in *October 2017 Edition of Chemical Engineering World*, pp 52-54.



Mr. A. Muthu Manokar, AMIE

Research Scholar, Department of Mechanical Engineering, Kamaraj College of Engineering and Technology, Virudhunagar, Tamilnadu



Title of Paper : “Different Parameter and Technique Affecting the Rate of Evaporation on Active Solar Still -A Review”, *Published in Heat and Mass Transfer, Springer, Vol. 53, pp. 1-38, October 2017.*

Co-author(s) : D. Prince Winston, A. E. Kabeel, Ravishankar Sathyamurthy and T.

Arunkumar

Prof. Yogendra Arya, AMIE

Assistant Professor, Department of Electrical & Electronics Engineering, Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi

Title of Paper : “Design and Analysis of BFOA-optimized Fuzzy PI/PID Controller for AGC of Multi-area Traditional/Restructured Electrical Power Systems,” *Soft Computing*, vol. 21, pp. 6435–6452, November 2017. [DOI: 10.1007/s00500-016-2202-2. Impact Factor = 2.472, Publisher: Springer].

Co-author(s) : Narendra Kumar

Title of Paper : “AGC of Restructured Multi-area Multi-source Hydrothermal Power Systems Incorporating Energy Storage Units via Optimal Fractional-order Fuzzy PID Controller,” *Neural Computing and Applications*, June 2017. [DOI 10.1007/s00521-017-3114-5, Impact Factor = 2.505, Publisher: Springer].



Mr. Vikram S. Kulkarni, AMIE

Sr. Engineer, S.V. Kulkarni (Builders & Contractors), Nashik

Title of Paper : “Ergonomic Analysis of Building Construction Workers Using RULA & REBA Techniques”, *NICMAR – Journal of Construction Management*, Vol. 32, Issue - 3, pp. 09-15., September 2017. Issue : July-September 2017.

Co-author(s) : R. V. Devalkar



Dr. B Venkateswara Rao, MIE

Associate Professor, Department of EEE, V R Siddhartha Engineering College (Autonomous), Kanuru, Vijayawada



Title of Paper : “Multi-Objective Optimal Power Flow Using Metaheuristic Optimization Algorithms with Unified Power Flow Controller to Enhance the Power System Performance” *Advancements in Applied Metaheuristic Computing*, November, 2017, pp. 1- 33, ISBN13:

9781522541516. [DOI: 10.4018/978-1-5225-4151-6. Publisher: IGI Global]

Co-author(s) : G. V. Nagesh Kumar, D. Deepak Chowdary and Polamraju V S Sobhan

Mr. Amit Jain, MIE

Assistant Professor, Department of Chemical Engineering, School of Engineering and Technology, Guru Ghasidas Vishwavidyalaya, (A Central University), Bilaspur, Chhattisgarh

Title of Paper : “Effect of Different Operating Conditions in Cloud Point Assisted Extraction of Thymol from Ajwain (*Trachyspermum Ammi* L.) Seeds and Recovery using Solvent”. *Journal of Food Science & Technology*, Volume 54, Issue 3, pp 4353-4361, December 2017.

Co-author(s) : Somak Chatterjee, Sirshendu De

Title of Paper : “Kinetics of Enzymatic Hydrolysis of Pectinaceous Matter in Guava Juice”. *Journal of Food Engineering*, Vol. 221, pp 158-166, March 2018.



Publications

by Members

Dr. Ajay Kumar Kushwaha, AMIE

Assistant Professor, Department of Electronics and Communication Engineering, S R Engineering College, Warangal

Title of Paper : "First Order Multifunction Filters based on CCDDCCTA", *International Conference on Devices for Integrated Circuit (DevIC- 2017), IEEE, pp. 71-75, March 2017.*

[DOI: 10.1109/DEVIC.2017.8073909]



Dr. Sirisha Adamala, AMIE

Assistant Professor, Department of Electronics and Communication Engineering, S R Engineering College, Warangal

Title of Paper : "Temperature Based Generalized Wavelet-Neural Network Models to Estimate Evapotranspiration in India". *Information Processing in Agriculture.*

[DOI: 10.1016/j.inpa.2017.09.004]



Dr. Ajay Sharma, MIE

Assistant Professor, Government Engineering College, Jhalawar, Rajasthan



Title of Paper : "Optimal Placement and Sizing of Capacitor Using Limacon Inspired Spider Monkey Optimization Algorithm", *Memetic Computing, Springer, pp 1-21, 2016.*

Co-author(s) Harish Sharma, Jagdish Chand Bansal, Annapurna Bhargava and Nirmala Sharma

Title of Paper : "Power Law based Local Search in Spider Monkey Optimization for Lower Order System Modeling", *International Journal of System Sciences, Taylor and Francis, 48 (1), pp 150-160, 2016.*

Co-author(s) : Harish Sharma, Annapurna Bhargava and Nirmala Sharma

Title of Paper : "Optimal Power Flow using l'evy Flight Spider Monkey Optimization Algorithm", *International Journal of Artificial Intelligence and Soft Computing, Inderscience, 5(4), pp 320-352, 2016.*

Co-author(s) : . Harish Sharma, Annapurna Bhargava, Nirmala Sharma and Jagdish Chand Bansal

Mr. Kaushal Prakash Nikumbh, AMIE

Senior Engineer, Business Monitoring Department, Ashoka Buildcon Ltd., Nasik

Title of Paper : "Green Highway Rating System- Review Paper", *International Research Journal of Engineering and Technology, Vol.04, Issue 05, pp. 2104-2108, May 2016.*



Dr. Kishore Kumar Pedapenki, MIE

Associate Professor, Department of Electrical and Electronics Engineering, Vignan's Institute of Information Technology, Visakhapatnam, Andhra Pradesh



Title of Paper : "Active Filter by Unit Voltage Template Method with Balanced and Unbalanced Load", *International Journal of Pure and Applied Mathematics (SCOPUS Indexed), Vol. 114, No. 7, pp. 53-63, 2017.*

Co-author: Gurralla Swathi

Title of Paper: "Experimentation of Shunt Active Power Filters", *International Journal of Pure and Applied Mathematics (SCOPUS Indexed), Vol. 114, No. 7, pp. 65-75, 2017.*

Co Authors: S.P.Gupta and Mukesh Kumar Pathak

Title of Paper: "SRF based PI and Harmonic Current Controller for Modular D-STATCOM", *International Journal of Pure and Applied Mathematics (SCOPUS Indexed), Vol. 114, No. 7, pp. 99-109, 2017.*

Co-authors: Srinivasa Rao Yarlagadda, Mukesh Kumar Pathak

Mr. Darapu Srikanth Satish Kumar, MIE

Assistant Professor, Department of Civil Engineering, GITAM Institute of Technology, GITAM University, Visakhapatnam



Title of Paper : "Modelling Vehicular Traffic for Better Pollution Mitigation" *Andhra Pradesh Science Congress, (APSC 2017), Andhra University, Visakhapatnam.*

Publications

by Members

Dr. Raja Sekhar Dondapati, AMIE

Associate Professor and Research Coordinator, School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab

Title of Paper : "Investigation on the Mechanical Stresses in a Muffler Mounting Bracket using Root Cause Failure Analysis (RCFA), Finite Element Analysis and Experimental Validation". *Engineering Failure Analysis*, Vol.81, pp 145-154, 2017.



Co-author(s) : Sreekant, Dondapati, Mudrit Trivedi, Divya Chandra

Title of Paper : "Superconducting Magnetic Energy Storage (SMES) Devices Integrated with Resistive Type Superconducting Fault Current Limiter (SFCL) for Fast Recovery Time". *Journal of Energy Storage*, Vol. 13, pp 287-295, 2017.

Co-author(s) : Abhinav Kumar, Gadekula Rajesh Kumar, Preeti Rao Usurumarti, Sreekanth Dondapati

Mr. Vinay Anand, AMIE

Head, Department of Electrical Engineering, Sanskriti University Chhata Mathura

Title of Paper : "Energy Sharing in Electric Vehicle with the Help of Sliding Mode Controller ", *International Conference on New and Renewable Energy Resources for Sustainable Future (ICONRER-2017) organized by Department of Mechanical Engineering, Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur during February 02 – 04, 2017. International Journal of Renewable Energy Technology, International Electrical Engineering Journal (IJRET).*



Dr. V. Kannan, MIE

Head, Department of Civil Engineering, National College Engineering, Tirunelveli



Title of Paper : "Strength and Durability Performance of Self Compacting Concrete Containing Self-combusted Rice Husk Ash and Metakaolin", *Construction and Building Materials*. vol. 160, pp. 169-179, January 2018.

Title of paper: "Strength Properties of Concrete using Ternary System", *Asian Journal of Science and Technology*, Volume 8, Issue 1, pp- 4084-4086, January 2018.

Mr. S. K. Patel, MIE

Chairman, Trishul Electromech Engineering (I) Pvt. Ltd., Trishul Group of Companies

Title of Paper : "Expert's advice to Countrymen : Stop Honking and save Rs. 245 crore", *Published in (July 2016 Edition) of The Times of India Mumbai.*



Ms. D. Hymavathi, AMIE

Research Scholar, Department of Chemical Engineering, Sri Venkateswara University, Tirupati, Andhra Pradesh



Title of Paper : "Studies on the Removal of Cobalt(II) from Aqueous Solutions by Adsorption with Ficus benghalensis Leaf Powder through Response Surface Methodology", *Chemical engineering Communications*. Vol. 204, Issue 12, 2017.

Co-author: G. Prabhakar

Title of Paper: "Optimization, Equilibrium and Kinetic Studies of Adsorptive Removal of Cobalt(II) from Aqueous Solutions using Cocos nucifera L.", *Chemical Engineering Communications*, vol. 204, Issue 9, 1094–1104.

Co-author: G. Prabhakar

Title of Paper: "Optimization of Biosorptive removal of Cobalt(II) onto Eucalyptus Globulus L.", *Int J Pharm Bio Sci* 2017 Apr; 8(2): (B) 107-115.

Co-author: G. Prabhakar

Publications

by Members

Prof. Nalin Kant Mohanty, FIE

Department of EEE, Sri Venkateswara College of Engineering, Sriperumbudur, Tamilnadu

Title of Paper : “Combined Mathematical Morphology and Data Mining Based High Impedance Fault Detection”, *Elsevier, Energy Procedia, Volume 117, June 2017, pp 417-423.*

Co-Author: Kavaskar Sekar



Title of Paper: A New Topology for Cascaded H-bridge Multilevel Inverter with PI and Fuzzy Control”, *Elsevier, Energy Procedia, Volume 117, June 2017, pp 917-926.*

Co-authors: C. Kannan and R. Selvarasu

Title of Paper: “Fundamental Sequence Component based Hysteresis Current Controlled MSALC”, *Elsevier, Energy Procedia, Vol. 117, June 2017, pp 1093-1100.*

Co-author: G. Muralikrishnan



Dr. A. K. Priya, AMIE

Associate Professor, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore



Title of Paper : “Environmental Impact Assessment in Pulp and Paper Industry”, *International Journal of ChemTech Research, Vol 10, No 11, pp 80-82. 2017.*

Title of Paper : “Properties of Concrete Containing Waste Foundry Sand for Partial Replacement of Fine Aggregate in Concrete”, *Indian Journal of Engineering & Materials Sciences, Vol 24, pp. 162-166, 2017.*

Co-author(s) : Nithya M, Muthukumaran R and Arunvivek GK

Title of Paper : “Removal of Hexavalent Chromium by Adsorption using Natural Wastes – A Review”, *Advances in Recycling and Waste Management, Vol 2, Issue 3, 2017.*

Co-author : Yogeshwaran V

Mr. Ashok Kumar, AMIE

Research Scholar, Department of Electronics Engineering, IIT (ISM) Dhanbad

Title of Paper : “Current Mode First Order Universal Filter and Multiphase Sinusoidal Oscillator” *AEU – International Journal of Electronics and Communication, Vol 81(2017), pp. 37-49, July 06, 2017.*

Co-author: Sajal K. Paul



Title of Paper: “DX-MOCCII based Fully Cascadable Second Order Current-Mode Universal Filter”, *Journal of Circuits, Systems and Computers, Vol. 27, Issue 07, ISSN: 0218-1266, November 17, 2017.*

Co-author: Sajal K. Paul

Mr. Shyam Sundar, MIE

Research scholar, Department of Management studies, Research and development cell, Bharathiyar university



Title of Paper : “A Project Management Approach to improve on time delivery performance in Manufacturing Industry”, *International Journal of Management and Commerce Innovations, Vol. 5, Issue 2, pp: (633-637), Month: October 2017 - March 2018, Published*

in Nov 2017.

Mr. Ashis Kumar Khanra, MIE

Engineering Officer (Gr. IV), Central Power Research Institute, Bhopal, Ministry of Power, Government of India, New Delhi

Title of Paper : “The Study of Hybrid Energy Systems of Solar, Wind and Small Hydro Energy in the Indian Perspective”. *Proceedings of 33rd National Convention of Electrical Engineers and National Seminar (NCEE 2017) on “Hybrid AC/DC Power Systems for Effective Utilization of Renewable Energy” at Tiruchirapalli, Organized by The Institution of Engineers (India) in association with BHEL & NIT, Tiruchirappalli, November 24-25, 2017, pp 26-30.*

Co-author(s): D. Krishnamurthy and J. Santhosh



Publications

by Members

Mr. Jagdish Prasad Sharma, AMIE

JK Lakshmi Pat University, Jaipur

Title of Paper : “Stochastic Voltage Stability Margin in Unbalance Feeder with Fuzzy based Distributed Generation Placement”, *XIV Control Instrumentation System Conference, CISCON 2017, 3th-4th November 2017, Manipal Institute of Technology, Manipal.*

Co-author : H. R. Kamath



Title of Paper : “Impact of Photovoltaic Distributed Generation on Unbalance Phenomenon in Distribution Feeder”, *International Congress of Scientists 2017 (ICS 2017) on 05-07 July 2017 in Moscow, Russia.*

Co-author : H. R. Kamath

Title of Paper : “Influence of Distributed Generation Penetration Level on Performance Indices of Unbalance Radial Feeder”, *2016 IEEE 7th Power India International Conference (PIICON), Bikaner, Rajasthan, 2016, pp. 1-4.*

[Doi: 10.1109/POWERI.2016.8077156(Scopus indexed)]

Mrs. B.V.Bahoria, AMIE

Head, Civil Engineering Department, Rajiv Gandhi College of Engineering & Research, Nagpur



Title of Paper : “Mineralogy Study of Quarry Dust and Waste Plastic (ldpe) as a Natural Sand Replacement in Concrete”, *International Conference INFRACON'2017 organized by Indian Concrete Institute at Nagpur, Maharashtra, India on 6-7th Oct'2017.*

Mr. Kumar Shashi Bhushan, AMIE

Technical Officer, Bridge Engineering and Structures Division, CSIR-Central Road Research Institute, Delhi-Mathura Road, New Delhi

Title of Paper : “An Experimental Study to Estimate Loss of Prestress And Determining Fundamental Natural Frequency of Prestressed Concrete Bridge”, *New Building Materials and Construction World (NBM&CW) in Volume.23, Issue-03 September'2017, pp. 149-156.*



Mr. Raje Gowda, AMIE

Assistant Professor, Department of Civil Engineering, M. S. Ramaiah Institute of Technology, MSR Nagar, Bangalore

Title of Paper : “Effect of Nano-alumina on Workability, Compressive Strength and Residual Strength at Elevated Temperature of Cement Mortar”, *International Conference on Nanotechnology, Elsevier, Materials Today: Proceedings 4 (2017) 12152–12156.*



Title of Paper : “Investigation of Nano-alumina on the Effect of Durability and Microstructural Properties of the Cement Mortar”, *International Conference on Nanotechnology, Elsevier, Materials Today: Proceedings 4 (2017) 12191–12197.*

Mr. Gudikandhula Narasimha Rao, AMIE

Department of Geo-Engineering & Centre for Remote Sensing, Andhra University, Visakhapatnam



Title of Paper : “An Enhanced Real-time Forest Fire Assessment Algorithm based on Video by using Texture Analysis”, *Perspectives in Science, Volume 8, Pages: 618-620, 2016, Elsevier.*

[<http://www.sciencedirect.com/science/article/pii/S2213020916301768>]

Title of Paper: “A Drone Remote Sensing for Virtual Reality Simulation System for Forest Fires: Semantic Neural Network Approach”, *IOP Conf. Series: Materials Science and Engineering, Volume: 149, Pages: 1-7, 2016, IOP.* [<http://iopscience.iop.org/article/10.1088/1757-899X/149/1/012011>] Received the prestigious “YOUNG SCIENTIST AWARD - 2017” from Hon. HRD Minister of Andhra Pradesh, in the field of Earth including Ocean Sciences during “3rd AP Science Congress” held on November 07-09, 2017 at Andhra University, Visakhapatnam.

Publications

by Members

Mr. S. Suganya, AMIE

Assistant Professor, Department of Architecture, Prime College of Architecture & Planning, Kilvelur, Tamilnadu

Title of Paper : "Study on Feasibility of Modern Institutional Green Building" *International Journal of Latest Research in Engineering and Technology (IJLRET)*- IJLRET ISSN: 2454-5031., Vol 03, Issue 10, Oct 2017, pp. 70-78.



Mr. K Gobivel, AMIE

Assistant Professor, Department of Mechanical Engineering, KCG College of Technology, Chennai

Title of Paper : "Impact of Cutting Forces and Chip Microstructure in High Speed Machining of Carbon Fiber – Epoxy Composite Tube", *Archives of Metallurgy and Materials*, Vol No: 62, Issue No: 3, 2017, pp: 1771 - 1777. [DOI: 10.1515/amm-2017-0269]



Mr. Nasim Akhtar, AMIE

Aliah University, Govt. of West Bengal (Deemed University)



Title of Paper : "Effect of Earthquake on Structure for Plan and Elevation Irregularities", *International Conference on Innovative Trends in 'Mechanical, Electrical, Electronics, Civil, Engineering, Computer Science and Information Technology' (MECIT-2017)* Organized by "Krishi Sanskriti Publications" Jawaharlal Nehru University, New Delhi.

Title of Paper : "Effect of Earthquake on Structure for Plan Irregularities", *International Journal of Emerging Technologies and Innovative Research*, ISSN-2349-5162.

Co-author(s) : Jafar Sadak Ali and Md Raghib Adil

Dr P. C. Reghu Raj, MIE

Principal, Govt. Engineering College, Sreekrishnapuram, Palakkad



Title of Paper : "RTRL based Adaptive Neuro Controller for Damping SSR Oscillations in SCIG Based Windfarms", *IEEE Region10 International Conference TENCON 2017*, Organizer: IEEE, Penang, Malaysia, 5-8 Nov 2017.

Co-author : K. C. Sindhu Thampatty

Dr. Vikram Palodiya, AMIE

Assistant Professor, Department of Electronics & Communication Engineering, Sphoorthy Engineering College, Hyderabad



Title of Paper : "Analysis of Multi mode Arbitrary Profile Trench Assisted Fiber for Broadband Applications", *JSAP-OSA Joint Symposia 2017, The Japan Society of Applied Physics (JSAP)-The Optical Society OSA, Fukuoka, Japan, 05-08 September 2017.*

Mr. Sandeep M. Desai, AMIE

Assistant Professor, D.Y. Patil college of engineering, Akurdi

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Co-author(s) Name: Raju Pawade and Hemant Warhatkar



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Co-author(s): Raju Pawade and Hemant Warhatkar

Publications

by Members

Mr. Sivarajan S, MIE

Assistant Professor (Selection Grade) School of Mechanical & Building Sciences, VIT, Chennai

Title of Paper : "Title of Book, Publisher, Book Chapter: Point Defects and Impurities in Silicon Carbide and Group III-Nitrides", *Reference Module in Materials Science and Materials Engineering*, Elsevier, October 2017.



Prof. Mukesh Kumar Kumawat, MIE

Professor & Head, Electrical Engineering Department, Christian College of Engineering & Technology, Bhilai

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Mr. Saurabh Sinha, AMIE

Department of Civil engineering, National Institute of Technical Teachers Training and Research Institute, Bhopal



Title of Paper : "Study of Soil Stabilization and Ground Improvement by Plasma Arc Torch Technology", *International Journal of Science and Research*, Published in Vol. 6, Issue 10, October 2017, pp.507-508.

Dr. Pranjal Kumar Phukan, MIE

Regional General Secretary, CASI Global US, Executive Council Member, GLG, Hong Kong Brand Ambassador, International Academy of Science, Engineering & Technology, New Delhi



Title of Paper : "Innovativeness in Design and Development of Warehousing" published in *ET Cases* June 29-30, 2017, Flame University.

Mr. Matruprasad Rout, AMIE

Research Scholar, Metrology Lab, Department of Mechanical Engineering, Indian Institute of Technology, Kharagpur

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Dr. Itagi Ravi Kumar, MIE

Assistant Professor, Swami Vivekananda Yoga Anusandhana Samsthana, Bengaluru.

Title of Paper : "Radioactive and Low Energy Biological Nuclear Cold Fusion in Seeds Germination". *International Journal of Engineering*, 2017, Vol. 6, Issue 3, pp 83-88. Received Course Award of 'Advance Diploma in Jyotisha' from Karnataka Samskrita University, Bengaluru.



Mr. M. Coumarane, MIE

Deputy Chief Engineer / Electrical, Centre for Applied Research and Development, NLC India Ltd, Neyveli, Tamilnadu



Title of Paper : "Effective Planning on Energy Conservation Measures through Online Power and Energy Monitoring System at NLCIL, Neyveli", *National Convention of Electrical Engineering-2017*, which is conducted by The Institution of Engineering (India), Trichy Local

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Prof. C. M. Narayanan, MIE

Former Professor, Chemical Engineering, National Institute of Technology, Durgapur



Title of Paper : "Biodiesel Synthesis and Bioreactor Design – An Overview", *Indian Journal of Chemical Technology*, Vol.24, November, 2017.

Co-authors : Tripti De and Jaya Sikder

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Mr. K. Hans Raj, FIE

Professor, Department of Mechanical Engineering, Faculty of Engineering, Dayalbagh Educational Institute, Agra

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Co-author : Rajat Setia

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Co-author : Astuti, V.

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[DOI 10.1007/s40032-016-0263-8]

Co-author : Prasanth R

Mr. V. Kannarasu, AMIE

Assistant Professor – Mechanical Engineering, Dr. M. G. R. Educational and Research Institute University, Adayalampattu, Chennai



Title of Paper : "Experimental Analysis On Reinforced Aluminium Metal Matrix with Boron Carbide, Graphite and Fly Ash Chemical

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Mr. Arvinder Bali, MIE

Assistant Vice President – Sales & Business Development, Sumeru Verde Technologies Pvt. Ltd., Noida

Title of Paper : "Are we ready for Digital J&K", *Published Daily Excelsior, Jammu* on 29 December 2016.



Mr. Purushottam B. Pawar, AMIE

Lecturer, Mechanical Engineering Department, SVPM's Institute of Technology & Engineering Malegaon, Pune

Title of Paper : "A Comprehensive Study of Aluminum Based Metal Matrix Composites: Challenges and Opportunities", *International Conference on Advances in Materials and Manufacturing Applications (IConAMMA 2017)*, at Amrita Vishwa Vidyapeetham, Bengaluru, Karnataka. 17th-19th August 2017.



Co author : Abhay Utpat

Mr. G. R. Sinha, AMIE

Adjunct Professor, IIIT Bangalore, Deputed to Myanmar Institute of Information Technology (MIIT), Mandalay



Title of Paper : "Indian Sign Language (ISL) Biometrics for Hearing and Speech Impaired Persons: Review and Recommendation", *International Journal of Information Technology (Springer)*, Vol. 9, no. 4, pp. 425-430, 2017.

Title of Paper : "Noise Removal from Medical Images Using Shrinkage based Enhanced Total Variation Technique", *Journal of Advanced Research in Dynamical & Control Systems*, 13, pp. 549-560, 2017 (Scopus Indexed).

Co-author (s) : Devanand Bhonsle and Vivek Chandra

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Co-author (s) : Anil Kumar Sahu and Vivek Kumar Chandra

Programmes by Institutional Members



INS Shivaji, Lonavla, Pune, Maharashtra

organised

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"Nuclear Technology for Warship and Submarines"**

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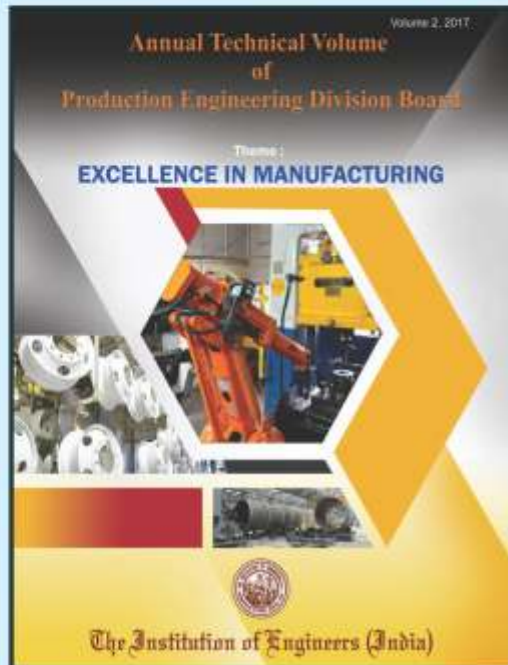
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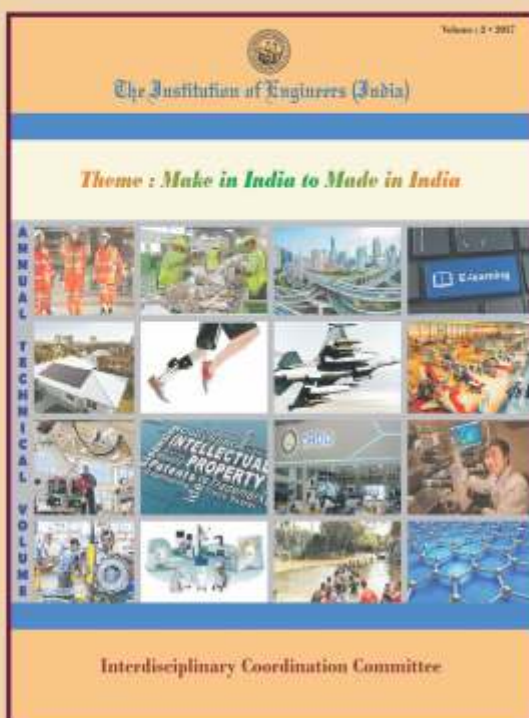


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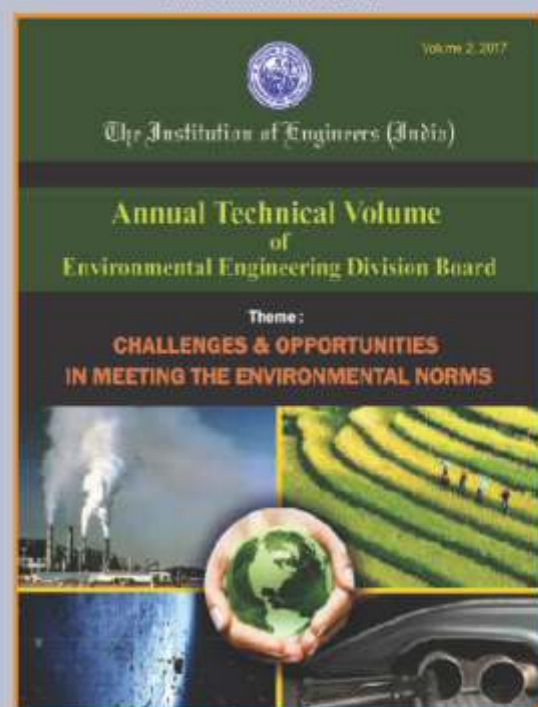
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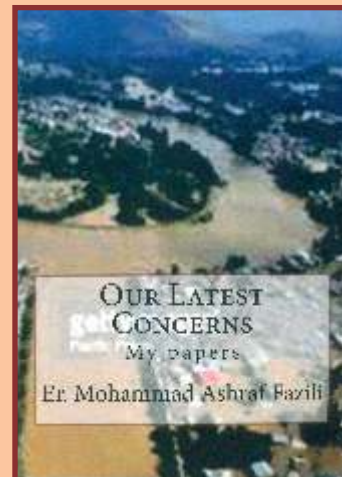
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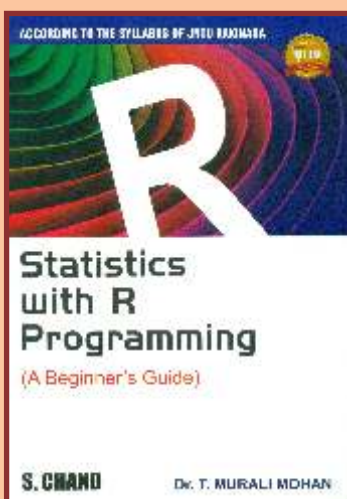


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