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Members

in the News



Prof. Ajoy Kumar Ray, FIE

Director, Indian Institute of Engineering Science and Technology, Shibpur, Howrah

Received 'Padma Shri Award' in 2017 from Shri Pranab Mukherjee, the President of India for his outstanding contribution in Science & Engineering category.

Dr. R. Visvanathan, FIE

Professor, Anbil Dharmalingam Agricultural College and Research Institute, Tamil Nadu Agricultural University, Trichirappalli, Tamilnadu



Received 'Team Award 2017' along with the members from The Indian Society of Agricultural Engineers, New Delhi for the project on "Development of e-courses for B.Tech Agricultural Engineering" under the World Bank funded ICAR - National Agricultural Innovative Project

(NAIP) on the occasion of 51st Annual Convention of the Indian Society of Agricultural Engineers held at Chaudhary Charan Singh Haryana Agricultural University, Hisar on February 16, 2017. The e-course is available at www.icar.org.in for the students of B.Tech Agricultural Engineering programme at National level.

Mr. Vineet Dubey, AMIE

Faculty, Mechanical Engineering Department, Institute of Engineering and Technology, Lucknow, Uttar Pradesh



Participated in the Quality Improvement Programme on "Materials Tribology: Fundamentals and Recent Advances" organised by Mechanical Engineering Department, Indian Institute of Technology Varanasi (Banaras Hindu University) at Benaras during March 23-29, 2017.

Dr. Vegraj Singh, FIE

*Former Scientist, R&D of LINAC, Government of India
Former Director, Acceletronics India Private Limited, Mumbai, Maharashtra*

- Received "Swami Vivekananda Excellency Award" from World Achievers Foundation for his contribution in the field of Engineering & Technology at Rotary Sadan, Kolkata on January 12, 2017.



- Received 'International Achievers Award' from Global Achievers Foundation for his contribution in the field of Engineering & Technology at Bangkok, Thailand on February 12, 2017.

- Received 'Scientist of the Year 2016 Award' from International Foundation for Environment and Ecology and Confederation of Indian Universities for his contribution in the field of Environment & Technology on March 27, 2017 on the occasion of 3rd International Conference on Environment and Ecology organized by Confederation of Indian Universities in association with St. Xavier's College, Ranchi during March 27-29, 2017.

Dr. Rupa Ch., AMIE

Professor, Department of Computer Science & Engineering, V. R. Siddhartha Engineering College, Vijayawada, Andhra Pradesh

Delivered a keynote lecture on "Recent Trends in Cyber Crimes" at a technical event 'CACHEE-2K17' organised by Student Association of Sri Mittapalli Engineering College, Guntur on March 14, 2017.



Members

in the News

Mr. Mahendra Pratap Singh, MIE

Chartered Engineer (India)

Senior Manager (Operation), Vidarbha Industries Power Ltd., Reliance Power Limited, Nagpur, Maharashtra



Awarded the 'Innovative & Dedicated Professional and Chartered Engineer Award' by Engineering Today, Kuala Lumpur for his contributions in the field of Science, Engineering, Technology and Management Applications at the International Convention on 'Dissemination of Innovative Research in Science, Engineering, Technology and Management Application' organized by Engineering Today, Kuala Lumpur, Malaysia in association with Society of Engineers and Technicians, Kuala Lumpur, Malaysia, Society of Professional Engineers, Chennai, India and Engineering Today, Chennai, India at Flamingo Hotel, Kuala Lumpur during March 11-12, 2017.

Dr. Piyushkumar B. Tailor, FIE

Associate Professor, Mechanical Engineering Department, Sardar Vallabhbhai Patel Institute of Technology, Vasad, Gujarat

Acted as a resource person at the Skill Development Workshop on '3D Printing –The Cutting Edge Technology' organised by Mechanical Engineering Department, Sardar Vallabhbhai Patel Institute of Technology in collaboration with M/S Engineering Technique, Vadodara on April 07, 2017. The workshop had covered the initial talk on rapid prototyping processes and its scope, case studies followed by hand-on experience on FDM and DLP processes to the participants.



Mr. Venkata Narayana Angina, MIE

Research Officer (Water Supply), Rural Development Division, National Institution for Transforming India (NITI Aayog), Government of India, New Delhi

Participated in 'Digi Dhan Mela', 'Mega Draw of the Lucky Grahak Yojana' and 'Digi Dhan Vyapar Yojana' organized by NITI Aayog to encourage States for digital transactions by using Rupay card, BHIM App, USSD and UPI etc for promoting the cashless economy in India at Yellow Drawing Room of Rashtrapati Bhawan, New Delhi on April 09, 2017 in the august presence of Mr. Pranab Mukherjee, Hon'ble President of India.



Mr. Pranjal Kumar Phukan, MIE

Senior Manager (Contracts and Procurement), Brahmaputra Cracker and Polymer Limited (A Government of India Enterprise), Dibrugarh, Assam



Presented a technical paper on the topic 'Experience in Setting up and Operating a Petrochemical Plant in NE' and a poster on the topic 'Critical Value Chain Constraints in Remotely Located Petrochemical Industry' at 21st Refinery Technology Meet organized by Center for High Technology in association with Hindustan Petroleum Corporation Ltd. at Hotel Novotel, Varun Beach, Visakhapatnam, Andhra Pradesh during April 20-22, 2017.

Dr. Aminul Islam, MIE

Department of Electronics & Communication Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand



Delivered talk on "Prospects of Carbon Nanotube Field Effect Transistor" at 2nd International Conference on 'Devices for Integrated Circuits 2017' organized by IEEE KGEC Student Branch Chapter in association with Department of Electronics & Communication Engineering, Kalyani Government Engineering College and technically co-sponsored by IEEE EDS Kolkata Chapter during March 23-24, 2017.

Members

in the News

Dr. Arun Kumar Patnaik, FIE

*Committee Member, Electrical Engineering Division,
The Institution of Engineers (India) Odisha State Centre*

Received certificate from Ministry of New and Renewable Energy, Government of India, in recognition of successfully completing the online course on “Solar Photovoltaic Off-grid & On-grid: Design & Installation”, organized by iacharya Silicon Limited, Chennai in association with the Solar Radiation Resource Assessment Unit of National Institute of Wind Energy on March 23, 2017.



Mr. K. Balachander, MIE

Associate Professor, Department of Electrical and Electronics Engineering, Faculty of Engineering, Karpagam University, Karpagam Academy of Higher Education, Coimbatore, Tamilnadu



- Attended a Faculty Development Programme on “Creative Oriented Teaching Learning Process and Non-academic Revenues” organized by Department of Electrical and Electronics Engineering, Karunya University on November 16, 2016.

- Attended a Training Programme titled “Big Data Analytics” sponsored by Department of Science and Technology, Government of India and organized by the Department of Electronics and Communication Engineering, Hindustan Institute of Technology, Coimbatore during May 18-27, 2016.

- Attended an Industrial Hands on Training Course on “Solar PV Design, Installation and Integration Challenges” in association with M/s Mas Institute of Training and Research organized by the Department of Electronics and Communication Engineering, Kumaraguru College of Technology during May 02-08, 2016.

Mr. Faruk Bin Poyen, MIE

Assistant Professor, Applied Electronics & Instrumentation Engineering, University Institute of Technology, Burdwan University, West Bengal

- Participated in One Day Workshop on “Sensor Systems for Agricultural Applications” organized by Department of Instrumentation and Electronics Engineering, Jadavpur University and sponsored by Technical Education Quality Improvement Programme (TEQIP) Phase-II at Hotel De Sonnet, Kolkata on March 15, 2017.



- Participated in One Day Workshop on “Computer Vision: Concepts, Trends and Applications” organized by Department of Printing Engineering, Jadavpur University and sponsored by Technical Education Quality Improvement Programme (TEQIP) Phase-II at Hotel De Sonnet, Kolkata on March 31, 2017.

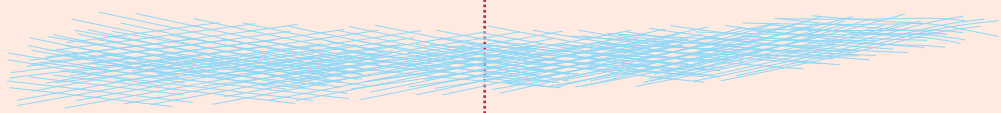
- Organized One Day Seminar on 'Sociology of Technical Education' at University Institute of Technology, Burdwan University sponsored by Technical Education Quality Improvement Programme (TEQIP) Phase-II on February 21, 2017.



Mr. Mohd Mujahid Khan, AMIE

Maulana Azad National Fellow, Jamia Millia Islamia Public University, New Delhi

Successfully completed a Short-term Course on ‘Aerodynamics and Hydrodynamics in Sports’ as Global Initiative of Academic Network (GIAN) organised by Motilal Nehru National Institute of Technology Allahabad in association with Ministry of Human Resource Development, Government of India during April 03-08, 2017.



Members

in the News

Dr. P. Senthil Kumar, MIE

*Committee Member, Electrical Engineering Division,
The Institution of Engineers (India), Odisha State Centre*

Delivered a technical talk on “Research on Water and Wastewater Management” at National Workshop on “Water Resource and Environmental Systems” sponsored by UGC SAP DRS II, held at the Department of Civil Engineering, Annamalai University, Chidambaram during March 27-28, 2017.



Ms. K. Renugadevi, MIE

*Assistant Professor, Department of Mechanical Engineering
R. M. K. College of Engineering and Technology, Tamilnadu*

Received ‘Young Woman in Engineering Award’ from Venus International Foundation in recognition of her initiatives and contribution in Mechanical Engineering on the occasion of Annual Women’s Meet 2017 held at Hotel Radha Regent, Chennai on March 04, 2017.



Mr. Vinay Kumar Shukla, MIE

Chartered Engineer (India)

Deputy Manager, Instrumentation Department, National Fertilizers Limited, Vijaypur, Madhya Pradesh



Delivered a lecture on “Urea Bagging Machines Controllers and STCR PLC & its Upgradation Proposals” in a Skill Development Program organized by National Fertilizers Limited, Vijaypur at the premises of Urea Bagging In-charge Office on March 14, 2017.

Mr. Manindra Kumar, AMIE

Senior Engineer, Quality Department, Bharat Heavy Electricals Limited (BHEL), Haridwar, Uttarakhand



Received ‘Best Executive Award’ for his outstanding contribution in the field of innovation & creativity towards company’s business growth for the period October – December 2016 from the Executive Director of BHEL, Heavy Electrical Equipment Plant, Haridwar on April 05, 2017.

Dr. V. Ramakrishna, MIE

Professor and Head, Civil Engineering Department, Lakireddy Balireddy College of Engineering, Mylavaram, Krishna District, Andhra Pradesh

Delivered a lecture on “Door to Door Collection and Transportation of Municipal Waste – Case Studies” at the Residential Training Programme on ‘Municipal Waste Management’ organized by Andhra Pradesh Human Resources Development Institute at Bapatla during April 06-08, 2017.



Mr. Mohammad Atalique Zahir, MIE

Chartered Engineer (India)

Construction Manager (Mechanical), Larsen & Toubro Limited, Building and Factories, Doha, Qatar

Received ‘Best Executive Award’ for his outstanding contribution in the field of innovation & creativity towards company’s business growth for the period October – December 2016 from the Executive Director, Heavy Electrical Equipment Plant, BHEL, Haridwar on April 05, 2017.



Publications

by Members

Mr. Susanta Banerjee, AMIE

Assistant Professor, School of Civil Engineering
KIIT University, Bhubaneswar, Odisha



Title of Paper: “Inelastic Seismic Response of Building with Friction Damper”, *Journal of Institution of Engineers India: Series A, Vol. 97, Number 4, December 2016, pp. 395-404.*

Co-author: Dr. Sanjaya Kumar Patro

Dr. P. Sivakumar, AMIE

Laboratory Assistant, Department of Civil Engineering,
North Eastern Regional Institute of Science and Technology
(NERIST), Nirjuli, Itanagar, Arunachal Pradesh

Title of Paper: “Extended Period Simulation of Pressure-Deficient Networks Using PRVs in a Looped WDN”, *Book of Extended Abstracts of International Conference on 'Modelling of Environmental and Water Resources Systems 2017' organized by Department of Civil Engineering, School of Engineering, Harcourt Butler Technical University at Kanpur during March 24-26, 2017, pp. 183.*



Co-author: Prasad R. K.

Mr. K. Balachander, MIE

Associate Professor, Department of Electrical and Electronics Engineering, Faculty of Engineering, Karpagam University, Karpagam Academy of Higher Education, Coimbatore, Tamilnadu



Title of Paper: “Unbalanced and over Current Fault Protection in Low Voltage DC Bus Micro Grid Systems”, *Middle East Journal of Scientific Research, Vol. 24(2), April 2016, pp. 465-474.*

Co-author: R. Sri Sangeetha

Title of Paper: “Capacitor Cascaded Multilevel Inverter with PWM Control Method”, *Middle East Journal of Scientific Research, Vol. 24(3), April 2016, pp. 663-668.*

Co-author: K. Gowthami

Mr. Smit Chetan Doshi, AMIE

Lecturer, Parul Institute of Engineering and Technology,
Vadodara, Gujarat



Title of Paper: “Flexible Pavement Sub-base/Base Construction with Silane Nanotechnology and its Economical Analysis”, *A R Digitech International Journal of Engineering, Education and Technology, Vol. 5, Issue 2, April 01, 2017. The paper was also presented at International Conference on 'Emerging Trends and*

Research in Engineering' organised by Faculty of Engineering, Navasahyadri Group of Institution at Pune during March 23-25, 2017.

Ms. M. Kavitha, MIE

Assistant Professor, Department of Electronics and Communication Engineering, Government College of Engineering, Bargur, Tamilnadu

Title of Paper: “Low Leakage Power Gating Technique for Subnanometer CMOS Circuits”, *Turkish Journal of Electrical Engineering and Computer Sciences, Vol. 24, Issue 6, December 2016, pp.5011-5024.*



Mr. M. Yogesh, MIE

Associate Professor and Head, Department of Aeronautical Engineering, Mount Zion College of Engineering, Kadamannitta, Pathanamthitta, Kerala



Title of Paper: “Study on Implementation of Lean Manufacturing Tools and Techniques”, *International Journal of Applied Engineering Research, Vol. 11, Number 5, 2016, pp. 3289-3293.*

Title of Paper: “A Rational Approach of Lean Tool Implementation to SME- A Case study”, *Indian Journal of Science and Technology, Vol. 10, Issue 1, January 2017.*

Publications

by Members

Dr. Ch. Santhi Rani, MIE

Professor and Head, Department of Electronics and Communication Engineering, DMS SVH College of Engineering, Machilipatnam, Andhra Pradesh

Title of Paper: "Performance Analysis of OFDM-OSTBC System under Various Fading Channels using Different Doppler Spectra", *Proceedings of International Conference on 'Electrical, Electronics, and Optimization Techniques' organized by Department of Electrical and Electronics Engineering, DMI College of Engineering at Chennai during March 03-05, 2016, pp. 396-399.*

Co-author: K. Meena Anusha

Title of Papers: (a) "CBIR based on Linear SPM using SIFT Sparse Codes" and (b) "UFMC: The 5G Modulation Technique", *Proceedings of IEEE International Conference on 'Computational Intelligence and Computing Research' organized by IEEE Podhigai Sub-section of Madras Section at Agni College of Technology, Chennai during December 15-17, 2016, pp. (a) 895-897 and (b) 814-816.*

Co-author: (a) Kommineni Naga Divya Bhargavi and (b) P. Naga Rani



Dr. P. Senthil Kumar, MIE

Associate Professor, Department of Chemical Engineering, SSN College of Engineering, Chennai, Tamilnadu

Title of Paper: "HPTLC Fingerprint Profile, *in vitro* Antioxidant and Evaluation of Antimicrobial Compound Produced from *Brevibacillus brevis*-EGS9 against Multidrug Resistant *Staphylococcus aureus*", *Microbial Pathogenesis, Vol. 102, March 2017, pp. 166-172.*

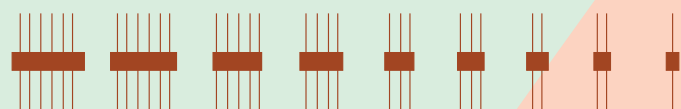
Co-author(s): T. Arumugam, K. P. Gopinath

Title of Paper: "Microwave Assisted Fast Pyrolysis of Corn Cob, Corn Stover, Saw Dust and Rice Straw: Experimental Investigation on Bio-oil Yield and High Heating Values", *Sustainable Materials and Technologies, Vol. 11, March 2017, pp. 19-27.*

Co-author(s): C. Ravikumar, S. K. Subhashni, P. V. Tejaswini, V. Varshini

Title of Paper: "Computation of Adsorption Parameters for the Removal of Dye from Wastewater by Microwave Assisted Sawdust: Theoretical and Experimental Analysis", *Environmental Toxicology and Pharmacology, Vol. 50, March 2017, pp. 45-57.*

Co-author(s): S. Suganya, A. Saravanan, P. Sundar Rajan, C. Ravikumar



Dr. R. Krishnan, MIE

Deputy Chief Engineer, WAPCOS Ltd, Chennai, Tamilnadu

Title of Paper: "Capacity Development for Sustainable Dam Safety Measures", *Proceedings of 3rd National Conference on 'Dam Safety Measures' organized by UJVN Limited, Dehradun, Central Water Commission, New Delhi and Department of Hydrology, IIT Roorkee at MAC Auditorium, IIT Roorkee during February 18-19, 2017.*



Co-author(s): D. V. S. Murthy, N. Raman

Mr. Faruk Bin Poyen, MIE

Assistant Professor, Applied Electronics & Instrumentation Engineering, University Institute of Technology, Burdwan University, West Bengal



Title of Paper: "Valve Response under Influence of pH on an Evapotranspiration Model", *Proceeding of IEEE International Conference on 'Communication and Electronics Systems 2016' organized by Computer Science Engineering Department, PPG Institute of Technology, Coimbatore, Tamilnadu during October 21-22, 2016. The paper was also published in IEEE Xplore on March 30, 2017.*

Publications

by Members

Ms. Boskey Balraj Bahoria, AMIE

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

Title of Paper: "Characterization study of Natural sand, Quarry Dust, Waste Plastic (LDPE) to be used as a Fine Aggregate in Concrete", *International Journal of Civil Engineering & Technology*, Vol. 8, Issue 3, March 2017, pp. 391-401.



Co-author(s): D. K. Parbat, P. B. Nagarnaik

Title of Paper: "Effect of Characterization Properties on Compressive Strength of Concrete Containing Quarry Dust and Waste Plastic as Fine Aggregate", *International Journal of Civil Engineering & Technology*, Vol. 8, Issue 3, March 2017, pp. 699-701.

Co-author(s): D. K. Parbat, P. B. Nagarnaik, U. P. Waghe

Title of Paper: "XRD Analysis of Natural Sand, Quarry Dust, Waste Plastic (LDPE) to be used as a Fine Aggregate in Concrete", *Proceedings of International Conference on 'Processing of Materials, Minerals and Energy' organized by PACE Institute of Technology and Sciences at Ongole Andhra Pradesh during July 29-30, 2016, India.*

Co-author(s): D. K. Parbat, P. B. Nagarnaik

Dr. P. Shanmughasundaram, FIE

Professor and Head, Department of Automobile Engineering, Karpagam University, Coimbatore, Tamilnadu

Title of Papers: "Experimental Investigation on the Emission Characteristics of a Variable Compression Ratio Multi-fuel Engine using Palm Biodiesel", *International Journal of Ambient Energy*, Taylor & Francis Online, March 16, 2016, pp. 1-6.



Dr. K. Lokesh Krishna, MIE

Associate Professor, Department of Electronics and Communication Engineering, Sri Venkateswara College of Engineering & Technology, R. V. S. Nagar, Chittoor, Andhra Pradesh

Title of Paper: "Internet of Things Application for Implementation of Smart Agriculture System", *Proceedings of IEEE sponsored International Conference on 'IoT in Social, Mobile, Analytics and Cloud 2017' organized by SCAD Institute of Technology at Palladam, Tamilnadu during February 10-11, 2017*, pp. 54-59.



Co-author(s): O. Silver, W. F. Malende, Dr. K. Anuradha

Title of Papers: (a) "Implementation of a Wireless Mobile Robot for Intelligent Farming" and (b) "Design and Implementation of a Liquid Level Controller using Zigbee", *Proceedings of IEEE sponsored 4th International Conference on 'Innovations in Information, Embedded and Communication Systems 2017' organized by Karpagam College of Engineering at Coimbatore during March 17-18, 2017*, (a) Vol. 3, pp. 88-93 and (b) Vol. 4, pp. 517-522.

Co-author: (a) S. Theivachandran and (b) Wasswa Paul, Amrendra Kumar M.

Mr. Vikrant Tapas, AMIE

Workshop Superintendent, NMDC DAV Polytechnic, Dantewada, Chhattisgarh

Title of Papers: "Study the Absorption of Waste Heat Recovery from Kitchen Utensils", *Global Journal of Multidisciplinary Studies*, Vol. 5, Issue 6, May 2016, pp. 65-71.



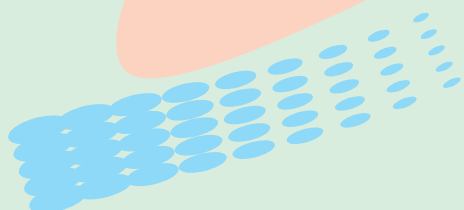
Co-author(s): Pankaj Sharma, Arun Kumar Sao

Title of Paper: "Study of Bio Diesel Fuel to be used in Chhattisgarh State", *Global Journal of Multidisciplinary Studies*, Vol. 5, Issue 4, March 2016, pp. 78-79.

Co-author(s): Pankaj Sharma, Arun Kumar Sao

Title of Paper: "The Scenario of Fly Ash Generation from Thermal Plants (Coal based) in Chhattisgarh State", *Global Journal of Multidisciplinary Studies*, Vol. 5, Issue 2, January 2016, pp. 115-116.

Co-author(s): Pankaj Sharma, Arun Kumar Sao



Publications

by Members

Mr. P. Kripakaran, AMIE

Assistance Professor, Department of Electrical and Electronics Engineering, Rajiv Gandhi College of Engineering and Technology, Puducherry

Title of Paper: "Diagnosis of Induction Motor Fault by Parameter Estimation Technique", *International Journal of Advanced Research in Computer Engineering & Technology*, Vol. 6, Issue 1, January 2017, pp. 13-18.



Title of Paper: "Diagnosis of Faults in Induction Motor by Zero Sequence Current", *Proceedings of 6th International Conference on 'Computation of Power, Energy, Information and Communication'* organized by Department of Electrical and Electronics Engineering, Adhiparasakthi Engineering College, Tamilnadu and sponsored by IEEE during March 22-23, 2017.

Title of Paper: "Fault Diagnosis and Healthy Monitoring in Induction Machines – A Review", *Proceedings of National Conference on 'Recent Trends in Biomedical Technology and Instrumentation'* organized by Department of Biomedical Engineering in collaboration with ICT Academy, Rajiv Gandhi College of Engineering and Technology at Puducherry on April 06-07, 2017.

Mr. M. Venkatesan, AMIE

Assistant Professor, Department of Electrical and Electronics Engineering, Karpagam University, Coimbatore, Tamilnadu



Title of Paper: "Fuzzy Logic Controlled Modified Three Phase MLI Fed from Single DC Source for PV Applications", *Journal of Electrical Engineering*, Vol. 16, Edition 4, December 2016, pp. 1-6.

Title of Paper: "Transient and Steady State Analysis of Modified Three Phase Multilevel Inverter for Photovoltaic System", *International Journal of Power Electronics Drive Systems*, Vol. 8, No. 1, March 2017, pp. 31-39.

Mr. Prabhash Nanda, MIE

Research Scholar, School of Electrical Engineering, KIIT University, Bhubaneswar, Odisha

Title of Paper: "PMU Implementation for a Wide Area Measurement in a Power System", *Proceedings of 2nd IEEE International Conference 'Devices for Integrated Circuits 2017'* organized by Department of Electronics and Communication Engineering, Kalyani Government Engineering College, Kalyani, West Bengal during March 23-24, 2017.



Dr. M. D. Mathew, FIE

Dean, Postgraduate and Research Studies & Knowledge Management, Professor, Department of Mechanical Engineering, SAINTGITS College of Engineering, Kottayam, Kerala



Title of Paper: "Characterisation of Mechanical Properties using Ball Indentation, Small Punch Creep and Impression Creep Methods", published in the book titled "Mechanical and Creep Behaviour of Advanced Materials", Part II, February 05, 2017, pp. 79-94.

Mr. Navin Peter Rego, FIE

Head, Maintenance Planning & Condition Monitoring, Kahramaa, Doha, Qatar



Title of Paper: "Condition Based Asset Management-A Kahramaa Experience", *Proceedings of 12th International Conference for 'GCC Cigre Committees'* hosted by GCC Power 2016 Conference at Sheraton Hotel Doha, Qatar during November 8-10, 2016.

Co-author: Nilesh Kulkarni

Publications

by Members

Prof. Shyamsing V. Thakur, AMIE

Assistant Professor, D. Y. Patil College of Engineering, Akurdi, Pune, Maharashtra

Title of Paper: "Solar Based Refrigeration and Air Conditioning by Ejector Based and LDAC Approach: A Review", *Proceedings of 2nd International Conference on 'Convergence in Technology' organized by IEEE and Siddhant College of Engineering at Hotel Crown Plaza Pune, April 06-08, 2017.*



Mr. B. Lokeswar Reddy, AMIE

Assistant Professor, Gates Institute of Technology, Gooty, Ananthapur (D), Andhra Pradesh



Title of Paper: "Comparative Analysis of Framed Structures of Linear Variation with & without In-filled Walls", *International Journal of Engineering Trends & Advanced Sciences, Vol. 1, Issue 3, September 2016, pp. 140-146.*

Title of Paper: "Teaching, Learning and Evaluation", *Proceedings of National Conference on 'ICT Empowered Teaching, Learning and Evaluation 2016 organized by SSBN Degree and PG College (Autonomous) at Anantapur in association with International Journal of Advanced Scientific Technologies in Engineering and Management Sciences during December 16-17, 2016, Vol.2, Special Issue, December 2016.*

Mr. Nitin S. Gawai, AMIE

Assistant Professor, Department of Electronics & Telecommunication Engineering, Jawaharlal Darda Institute of Engineering & Technology, Yavatmal, Maharashtra

Title of Paper: "Implementation of ALPR Using Raspberry Pi", *International Journal of Advance Foundation and Research in Computer, Vol. 4, Issue 1, January 2017.*



Ms. R. Dheivanai, AMIE

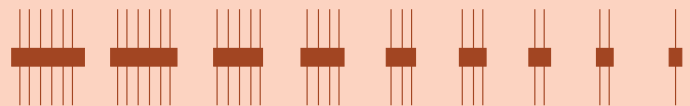
Assistant Professor, Department of Electrical and Electronics Engineering, Vivekanandha Institute of Engineering and Technology for Women, Trichengode, Tamilnadu

Title of Paper: "Speed and Torque Control of Resonant Inverter Fed Brushless DC Motor Drive Using Fuzzy Logic Controller", *International Journal of Intellectual Advancements and Research in Engineering Computations, Vol. 5, Issue 2, April 2017, pp. 1123-1128.*



Title of Paper: "IoT Based Electricity Energy Meter Reading and Theft", *International Journal of Mathematical Sciences and Engineering, Vol. 5, Issue 2, March 2017, pp. 86-91.*

Title of Paper: "Natural Ester Oil Properties Measurement in Power Transformer", *International Journal for Scientific Research & Development, Vol. 4, Issue 12, March-April 2017, pp. 709-711.*



Mr. Mahendra Pratap Singh, MIE Chartered Engineer (India)

Senior Manager (Operation), Vidarbha Industries Power Ltd., Reliance Power Limited, Nagpur, Maharashtra

Title of Papers: (a) "CO₂ Capturing and Storage Technology: Future Prospects and Challenges" and (b) "Efficiency Optimization of Super Critical Boiler", *Proceedings of International Convention on 'Dissemination of Innovative Research in Science, Engineering, Technology and Management and Professional Award' organized by Engineering Today, Kuala Lumpur, Malaysia at Flamingo Hotel, Kuala Lumpur on March 11-12, 2017. This was conducted in association with Society of Engineers and Technicians, Kuala Lumpur, Malaysia, Society of Professional Engineers, Chennai (India) and Engineering Today Chennai (India).*



Publications

by Members

Mr. S. Nagaraju, FIE

Scientific Officer G, Bhabha Atomic Research Center, Tarapur, Maharashtra

Title of Paper: "Evaluation of Strength Property Variations across 9Cr-1Mo Steel Weld Joints Using Automated Ball Indentation (ABI) Technique", *Material Science and Engineering-A*, Vol. 695, April 2017, pp. 199-210.



Co-author(s): J. Ganesh Kumar, P. Vasantha Raja, M. Vasudevan, K. Laha

Mr. Chiranjib Bhowmik, AMIE

PhD Scholar, Department of Mechanical Engineering, National Institute of Technology Silchar, Assam



Title of Paper: "Optimal Green Energy Planning for Sustainable Development: A Review", *Renewable and Sustainable Energy Reviews*, Vol. 71, May 2017, pp. 796-813.

Co-author(s): Sumit Bhowmik, Amitava Ray, Krishna Murari Pandey

Mr. N. Dhanasekar, MIE

Associate Professor, A. V. C. College of Engineering, Mayiladuthurai, Tamilnadu

Title of Paper: "Real Time Implementation of PI Controller for Triple-Lift Luo Converter", *International Journal of Engineering Research & Technology*, Vol. 6, Issue 3, March 2017.



Title of Paper: "Soft Computing Technique for the Control of Triple-Lift Luo Converter", *International Journal of Engineering Research and Application*, Vol. 7, Issue 3, Part 6, March 2017, pp. 35-38.

Title of Paper: "Implementation of Interleaved Boost Converter Fed DC Drive", *Advances in Natural and Applied Sciences*, Vol. 11, Issue 4, April 2017, pp. 123-129.

Mr. Mohd. Zameeruddin, MIE

Assistant professor, Department of Civil Engineering, MGM's College of Engineering, Nanded, Maharashtra

Title of Paper: "Seismic Damage Assessment of Reinforced Concrete Structure using Non-linear Static Analyses", *KSCE Journal of Civil Engineering*, Vol. 21 (4), April 19, 2017, pp. 1319-1330.



Co-author: Keshav K. Sangle

Title of Paper: "Performance based Seismic Evaluation of RCMRFs", *The IUP Journal of Structural Engineering*, Vol. 9(3), July 2016, pp. 34-43.

Co-author(s): R. B. Somwanshi, Keshav K. Sangle

Dr. Augustin Philipose Mohan Raj, FIE

Professor, Department of Mechanical Engineering, St. Mary's Engineering College, Deshmukhi, Hyderabad, Telangana



Title of Paper: "An Experimental Investigation on Deformation Behaviour of Fe-C-Mn Powder Metallurgy Sintered Composites", *International Journal of Emerging Research in Management and Technology*, Vol. 5, Issue 1, January 2016, pp. 106-112.

Title of Paper: "Workability Behaviour of Fe-C-Mn Sintered Composites", *Transaction of the Indian Institute of Metals*, Vol. 69, Issue 5, July 2016, pp. 1137-1139.

Co-author(s): N. Selvakumar, K. Gangatharan

Title of Paper: "A Study on Formability Behaviour of Fe-C-Mn Sintered Composite with Different Percentage of Carbon", *International Journal of Applied Engineering and Research*, Vol. 11, Issue 3, 2016, pp. 524-530.

Co-author(s): Desalegn Wogaso Wolla, N. Saravanan

Publications

by Members

Prof. (Dr.) Vijayan Gurumurthy Iyer, FIE

Professor and Dean (R & D), Narasaraopeta Engineering College, Guntur, Andhra Pradesh

Title of Paper: “Strategic Environmental Assessment (SEA) Process for Sustainable Mining and Mineral Management Development”, *Souvenir and Proceedings of 3rd International Conference on 'Advanced Technology in Exploration and Exploitation of Minerals (AdvanceMineTech)' organized by Mining Engineers' Association of India, Rajasthan Chapter, Jaipur in association with Jodhpur, Udaipur and Delhi & Ahmedabad Chapters at Jaipur during January 20-22, 2017, pp. 40-53. Also it has been published in Open Access Library Journal (OALib Journal), Vol. 4, No. 4, April 17, 2017, pp.1-28.*



Mr. Suprakash Mondal, AMIE

Assistant Professor, Mechanical Engineering Department, Mallabhum Institute of Technology, Bishnupur, Bankura, West Bengal



Title of Paper: “A Complex Proportional Assessment Method-based Framework for Industrial Robot Selection Problem”, *International Journal of Research in Science & Engineering, Vol. 3, Issue 2, March-April 2017, pp. 368-378.*

Co-author(s): Sumanta Kuila, Alok Kumar Singh, Prasenjit Chatterjee

Title of Paper: “Automobile Wheel Material Selection using Multi-objective Optimization on the Basis of Ratio Analysis (MOORA) Method”, *Proceedings of International Conference on 'Innovations & Emerging trends in Engineering & Technology 2017' organised by Matoshri Pratishthan Group of Institutions, School of Engineering, Nanded during March 25-26, 2017.*

Co-author(s): Arka Ghosh, N. V. Deshpande

Dr. A. Amudha, MIE

Professor and Head, Department of Electrical and Electronics Engineering, Karpagam University, Coimbatore, Tamilnadu

Title of Paper: “sEMG based Classification of Hand Gestures using Artificial Neural Network”, *Indian Journal of Science and Technology, Vol. 9 (35), September 2016, pp. 1-10.*

Co-author: Emayavaramban G.



Title of Paper: “Recognition of sEMG for Prosthetic Control using Static and Dynamic Neural Networks”, *International Journal of Control Theory and Applications, Vol. 9(24), June 2016, pp. 205-215.*

Co-author: Emayavaramban G.

Title of Paper: “Optimization for a Novel Single Switch Resonant Power Converter using GA to Improve MPPT Efficiency of PV Applications”, *International Journal of Applied Engineering Research, Vol. 11 (9), April 2016, pp. 6485-6488.*

Co-author(s): Siva Ram Kumar M., Rajeev R.

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Dean Research, Gandhi Institute for Technology, Bhubaneswar, Odisha

Title of Paper: “Reduction of Cooling Load of a Building Structure through Passive Cooling Concepts”, *International Journal of Mechanical and Production Engineering Research and Development, Special Issue, November 2016, pp. 199-212.*



Co-author(s): Ayusman Nayak, Jukti Prasad Padhy

Title of Paper: “Design, Development and Performance Optimization of an Abrasive Jet Machining”, *International Journal of Mechanical and Production Engineering Research and Development, Special Issue, November 2016, pp. 213-220.*

Co-author(s): Jukti Prasad Padhy, Ayusman Nayak

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Velammal College of Engineering and Technology organized the International Conference on “Power and Energy Systems 2017” in Electrical and Electronics Engineering discipline during April 21-22, 2017 at Maduari. The Conference was inaugurated in the esteemed presence of the Hon'ble Chief Guest Prof. (Dr.) Angelo Cangelosi, Director, Centre for Robotics and Neural Systems, Plymouth University, UK and the Guest of Honor Dr. M. Arumugam, Founder & CEO, Broadline Technologies Private Limited, Chennai. The International

Conference provided a forum for academicians & research scholars to exchange their innovative ideas, inferences and knowledge. Distinguished speakers enlightened the participants by sharing their expertise in the emerging fields of Engineering and Technology. Prof. (Dr.) Angelo Cangelosi and Dr. M. Arumugam delivered keynote addresses on the topics “Role of Robots in Recent Fields” and “Carrier Guidance for Engineering Graduates” respectively. On this occasion the proceedings was released during the inaugural function. Total sixty papers were presented during the six technical sessions by eminent academicians, practicing engineers and researchers from India and abroad.



Swami Keshavanand Institute of Technology, Management & Gramothan organized International Conference on “New and Renewable Energy Resources for Sustainable Future”

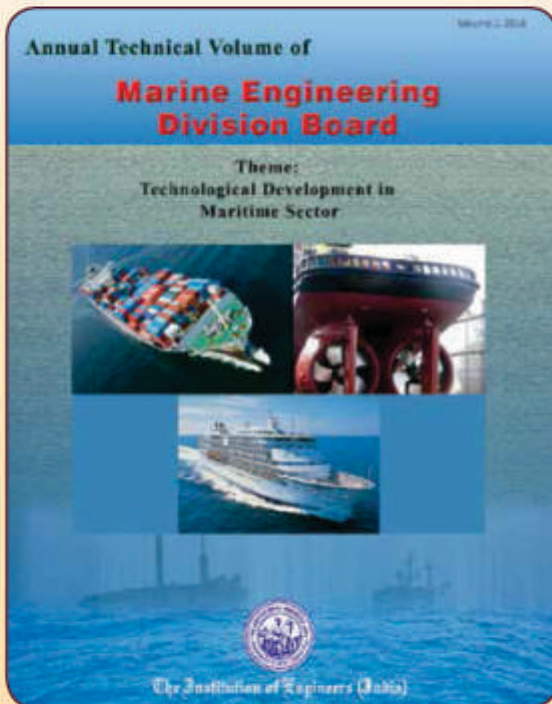
Swami Keshavanand Institute of Technology, Management & Gramothan, Department of Mechanical Engineering organised an International Conference on “New and Renewable Energy Resources for Sustainable Future 2017” in association with The Institution of Engineers (India), Rajasthan State Centre during February 2-4, 2017 at Jaipur. The inaugural session was graced by Mr. B. K. Doshi, Managing Director, Rajasthan Renewable Energy Corporation Limited as Chief Guest and Prof. Dileep N. Malkhede, Advisor-I, Research Institution & Faculty Development Bureau, AICTE as Guest of Honour. A Souvenir containing the abstracts of all accepted papers was published and distributed to all delegates and guests of the conference. Experts in the related field of engineering from abroad as well as from the premier Institutes of India like IITs, IISc, NITs attended the Conference. Total one hundred and forty four papers were presented by the student and the delegates from India and abroad during thirty two technical sessions.



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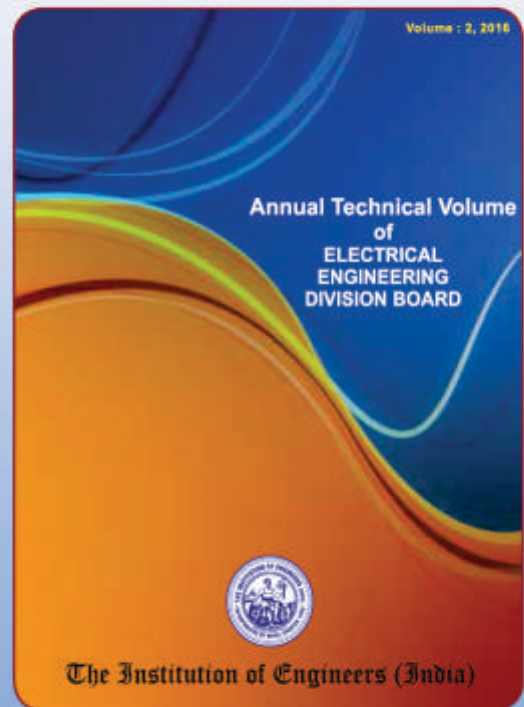
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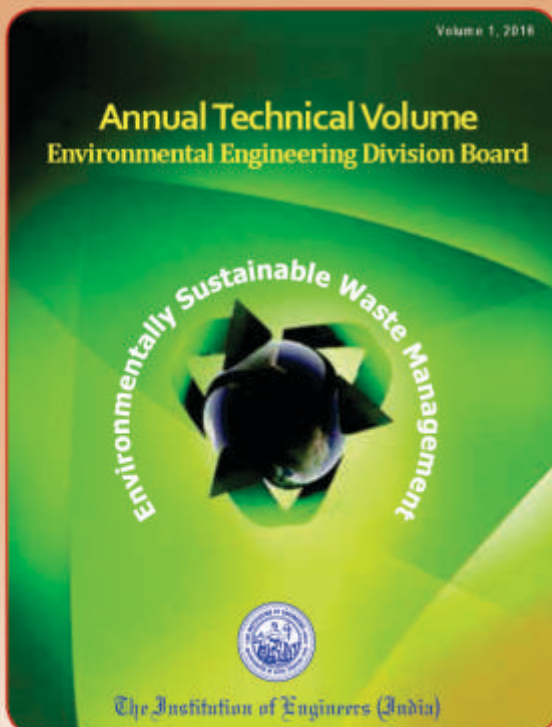
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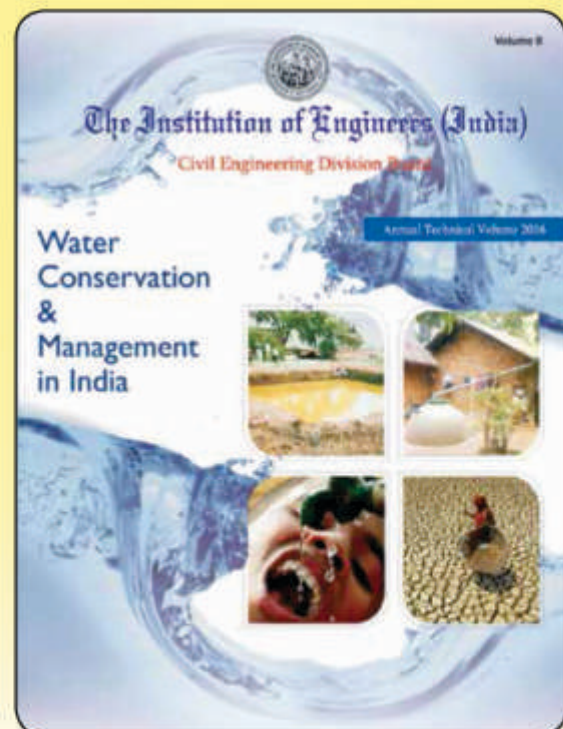
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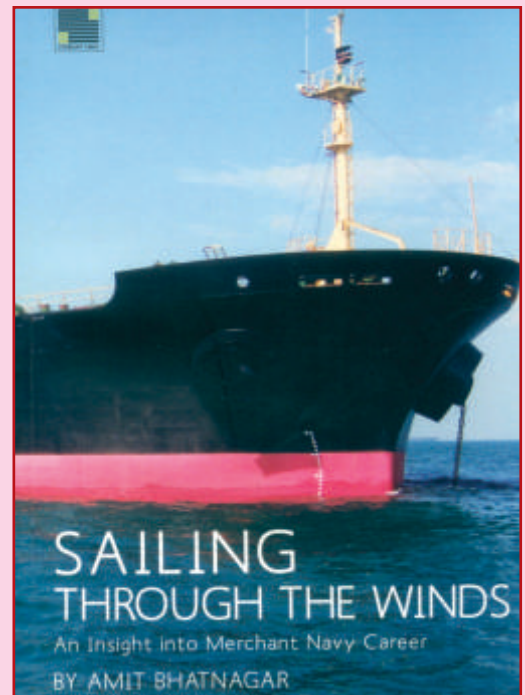
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Sailing Through the Winds: An Insight into Merchant Navy Career

This book provides an insight into the qualification, training & certification requirements for the seafarers. Though the author has tried to provide every possible bit of information that is available with him, yet categorizing this work as an exhaustive guide on the subject will be an exaggeration. The sole purpose of writing this book is to serve as a ready reckoner for all those young readers who aspire to join the maritime industry but lack guidance as to what the sea opportunities have to offer. Maritime world does not offer just a career but is also a highly regarded profession, which is self-regulated and self-disciplined. The qualifications obtained for land based industry are not directly accepted in the maritime industry. The training and certification is a continual process which a seafarer has to undergo till they excel and become a Captain/ Chief Engineer. Maritime industry rewards hard working people handsomely. One can reach the level of Captain/ Chief Engineer easily by mid-thirties or sometimes even earlier.

The author sincerely wishes that the readers not only enjoy reading this book but also, find it erudite and adequate to make the readers conversant both with the expectations from the job and of the job before the readers decide to join this amazing journey at sea.

Publisher: Straight Lines



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