



IEI

Epitome

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Members *in the News*

Dr M P Sukumaran Nair, FIE

Chairman, Public Sector Restructuring & Audit Board (RIAB), Chairman, Kerala Minerals & Metals Ltd (KMML), Chairman, Travancore Titanium Products Ltd (TTPL), Government of Kerala

Attended First TITANIUM ASIA 2018 Conference organized by the International Titanium Association (ITA) during February 4-6, 2018 at Grand Hyatt, Singapore.



Dr. K. Naveen Kumar, AMIE

Assistant Professor, Dept. of IT, GITAM University



Received Ph.D. degree from Jawaharlal Nehru Technological University, Kakinada in Faculty of Computer Science and Engineering for the thesis titled "Texture Segmentation Techniques using Multivariate Generalized Gaussian Mixture Model" under the supervision of Prof. Y. Srinivas, GITAM University and

Prof. Ch. Satyanarayana, JNTU-K University on 31st July, 2017.

Lt Col. (Dr.) P. Nallathambi, FIE

Structural Consultant, Sakthi Consultancy Pvt Ltd, Chennai

Obtained Ph.D degree from College of Engineering Guindy, Anna University, Chennai on 08 Dec 2017. Topic of research was "Estimation of Response Reduction Factor (R) for RCC Framed Structures" under the able guidance of Prof. P. Devadas Manoharan.



Dr. Sudhansu S. Sahoo, MIE

Asst. Professor, Department of Mechanical Engineering, CET Bhubaneswar, Techno Campus, Ghatikia, Bhubaneswar

Completed Three months (October 09, 2017 to January 09, 2018) of Indo-US Base (Bhaskara Advanced Solar Energy) Fellowship program.

Mr. Vishnu Rajaram Bankar, AMIE

M. E. (Manufacturing Engg. & Automation), Bajaj Auto Ltd., Chakan, Pune, Maharashtra

Attended as Chief Speaker of AMIE Introductory Meeting and delivered brief about AMIE, Techniques of Study, Challenges & Benefits, etc. organized by The Institution of Engineers (India), Pune Local Centre, Maharashtra on December 15, 2017.



Mr. Narender Singh, MIE

Executive Engineer (Civil), Provincial Division No. II, PWD (B&R) Br. Gurugram (Haryana)

Awarded Commendation Certificate-2016 (Award for Best Paper for author below 35) by Indian Buildings Congress on December 23, 2017 for the paper titled "Septic Tank System: A Threat to the Environment".



Mr. Harish H, AMIE

Assistant Professor, Mechanical Department, HKBK College of Engineering, Bangalore

- Attended the FDP on "Cyber Security and Forensic" organised at HKBK College of Engineering, CSE Seminar Hall on 09th to 10th January 2018.

- Attended the one week Faculty Development Program on "Pedagogy Training in Technical Education" organised at Muddenahalli from 16th to 20th January 2018.

- TEQIP-III Sponsored one week Faculty Development Programme on "Pedagogy Training in Technical Education" in Association with INAE Bangalore Chapter.



Members *in the News*

Mr. A K Mishra, FIE

MD, MHPA, Bhutan

Conferred with CBIP Award 2018 for best Project Developer in Hydro Sector (for a project under construction) for Construction of 720 MW Mangdechhu by Mangdechhu Hydroelectric Project Authority, Bhutan.



Dr. Amar Kumar Das, MIE

Asst. Prof, Department of Mechanical Engineering, Gandhi Institute for Technology (GIFT), Bhubaneswar



Participated and presented in the international conference RECYCLE-2018 on 22-24 Feb 2018 at IIT Gwahati and received Award for best paper by IIT Gwahati and Springer.

Dr. N. Dhanasekar, MIE

Associate Professor, Department of Electrical & Electronics Engineering, A.V.C College of Engineering, Mannampandal, Mayiladuthurai, Tamilnadu

Received Ph.D degree from Hon'ble Governor of Tamil Nadu Mr. Banwarilal Purohit on February 17, 2018 at Annamalai University.



Mr. Vinay Kumar Shukla, MIE

Honorary Secretary, IEI Gwalior Local Centre



Delivered lecture delivered "Material Handling Control System Upgradation : New PLC System in STCR" at National Fertilizers Limited, Vijaipur, Guna MP on February 09, 2018.

Mr. Himanshu Gupta, AMIE

DE/PED, BHEL, Haridwar

Received Award 'Best Employee' of the year for his excellent performance in the year 2016-17, given by General Manager (I), Head of the Plant, HEEP, BHEL



Prof. Rupa. Ch, AMIE

Dept. of CSE, V. R. Siddhartha Engineering College, Vijayawada



Received Computer Engineering Division Award from IEI in 32nd Indian Engineer Congress on December 21, 2017 at Chennai.

Mr. Nilesh S. Wakchaure, AMIE

Assistant Professor, K. K. Wagh Institute of Engineering Education and Research, Nashik

Received third prize in Science Conclave 2017-18 organized by JSW Foundation and Jindal Vidya Mandir on January 29-30, 2018.



Mr. Rama Rao Kathirisetti, FIE

Associate Director(Retd), D. R. D. L DRDO



Received 'Life Time Achievement' Award at function organised by DRDO at Hyderabad on January 19, 2018.

Mr. Ajay Krishna, MIE

Manager (E), OPH, NJHPS, SJVN Ltd, Jhakri, Distt- Shimla

Successfully completed 12 weeks NPTEL Course on "Project Management for Managers" with "Elite" distinction Conducted by IIT Roorkee.



Members *in the News*

Mr. K Chandrasekar, FIE

Chief Executive Officer, Sail Rites Bengal Wagon Industry Private Limited (SRBWIPL), (JV Company of SAIL & RITES), Kulti, West Bengal

- Has become Member in the news for having achieved the ever-highest production of 110 wagons for the month of January 2018. The company has reached new mile stone under his leadership.

- Received gold medal in Post Graduate Mechanical Engineer from Anna University, Cost Accountant (with AIR-18) from ICAI, MBA- Operations Management & M.Phil- Corporate Secretaryship from IGNOU & Alagappa University respectively.



Dr. Dinesh Kumar, MIE

Head, Department of Information Technology, DAV Institute of Engineering & Technology, Jalandhar, Punjab

Awarded 'Best Engineering College Teacher Award' for Punjab State - 2017 by ISTE.



Mr. Ajit Salunke, MIE

HOD, Department of Mechanical Engineering, Don Bosco College of Engineering, Fatorda, Margao, Goa



Received the "Best HOD of the Year" award from Computer Society of India, Mumbai Chapter at the CSI Tech Next India 2018 Annual Industry- Academia Conference held at IIT, Bombay on February 10-11, 2018.

Prof. B Kiran Kumar, MIE

Dept. of Electronics & Communication Engineering, St. Ann's College of Engg. & Technology, Chirala, Andhra Pradesh

Attended Progress in Electromagnetics Research Symposium conducted in Singapore during the period November 19-22, 2017 and presented 2 papers titled "Design of a MIMO Dielectric Resonator Antenna with Air Gap for X-band Application" and "Design of a Compact Octagonal UWB MIMO Antenna Employing Polarization Diversity Technique".



Mr. Sanjay C Pathak, MIE

Director of Procognition Technologies Pvt Ltd, Sadashivpeth, Pune

- Conducted Seminar on "Role of Engineers in Manufacturing & Service Industry" on 16 Jan 2018 in Engineering College Parvatibai Genba Moze College Of Engineering, Wagholi, Pune.

- Conducted Seminar on "Introduction to Rapid Prototyping Machine & 3D Printing Technology" on February 09, 2018 in Engineering College Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune.

- Conducted Seminar on "World Trends in Manufacturing or Service Industries" on February 12, 2018 in Engineering College Pune District Education Association's College of Engineering, Manjari (BK), Pune.



Mr. Shaik Riyazuddin, MIE

Assistant Professor, Department of ECE, Vasireddy Venkatadri Institute of Technology, Nambur, Guntur District, Andhra Pradesh

- Attended the AICTE-QIP Sponsored Short-term course on "5G mm Wave Radio Transmission for Ultra-High Speed Wireless technologies" at Pondicherry Engineering College, Puducherry on November 13-17, 2017.

- Attended one week faculty development Program on "Embedded systems and IoT Applications in Allied Fields" at Vasireddy Venkatadri Institute of Technology, Nambur conducted by Electronics & ICT Academy, NIT Warangal from October 25-30, 2017.



Members *in the News*

Prof. M. Abdul Kareem, AMIE

Department of Electrical and Electronics Engineering, Krishna Murthy Institute of Technology and Engineering, JNTUH, Hyderabad.



Participated as a Resource Person and delivered a talk on “Mathematical Modelling of PV Module” on December 06, 2017 in AICTE sponsored two-week Faculty Development Programme (FDP) on “Renewable Energy Management and Advanced Techniques for Sustainable

Future (REMATSF-2017)” from November 27, 2017 to December 09, 2017 at S R Engineering College, Warangal organized by Department of Electrical and Electronics Engineering.

Dr. Bhuvaneshwari C Melinamath, MIE

Acting HOD, Computer Science Department, Sanjay Ghawat Group of Institution Atigre, Kolhapur, Maharashtra

Best faculty of the year under specific Innovation category: from CSI Mumbai Chapter Tech Next -2018 on February 10-11, 2018 at IIT Bombay.



Prof. G. K. Roy, FIE

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

The first ‘Life Time Achievement Award’ was presented to Prof. Gopendra Kishore Roy, Ex-Director and Professor of Chemical Engineering, National Institute of Technology, Rourkela by the Institute on the occasion of 69th Republic Day on January 26, 2018 at Rourkela.



Prof. K Jagadeesh Babu, MIE

Head, Dept. of Electronics & Communication Engineering, St. Ann's College of Engg. & Technology, Chirala, Andhra Pradesh

Attended Progress in Electromagnetics Research Symposium conducted in Singapore during the period November 19-22, 2017 and presented 3 papers titled – “Design of a MIMO Dielectric Resonator Antenna with Air Gap for X-band Application”, “Design of a Compact Octagonal UWB MIMO Antenna Employing Polarization Diversity Technique”, “Analysis of Design Parameter Issues for Next Generation OFDMA Downlinks”.



Mr. Nadeem Akbar Najar, MIE

Mechanical Engineer, PW(R&B) Department, Kashmir, Govt. of Jammu and Kashmir



Delivered a lecture at IHM Srinagar J&K on “Research Tools: Introduction to LATEX Software” on account of two weeks Workshop on Research Methodology from February 13-24, 2018.

Prof. Rekha P. Labade, FIE

Head, Electronics and Telecommunication Department, Amrutvahini College of Engineering, Sangamner

• Delivered an invite talk on “Ultrawideband Communication Future and Next Generation Wireless Communication” on November 17, 2017 at Kolej University Linton Malaysia.

• Worked as Session Chair at “2017 Asia Pacific Microwave Conference” during November 13-16 at Kuala Lumpur Malaysia.

• Presented a paper on “Semi annular ring ACS feed multiband antenna for IoT ” at Asia Pacific Microwave Conference (APMC) during November 13-16 at Kuala Lumpur Malaysia.



Members *in the News*

Dr. Pushan Kumar Dutta, MIE

Assistant Professor and Research Coordinator, Department of Electronics and Communication Engineering RGM College of Engineering and Technology, Nandyal, Kurnool, Andhra Pradesh

- Elected as a Life Member of Indian Science Congress Association for his research and support.

- Elected as a Research in Charge of the College and Coordinator of Research Body in the College of Rajeev Gandhi Memorial College of Engineering and Technology.

- Elected as a Senior Fellow of International Economics Development Research Center, Taiwan for research.



Dr. Vinay Mohan, FIE

Former Director (Finance) and CMD, Instrumentation, Ltd. Kota and now Founder Promoter, FIDCO, Jaipur.

Delivered Talk on “Industry 4.0- Leapfrog Opportunity for India” as Chief Guest and Key Note Speaker at a National Seminar organised by S.K. Institute of Technology (SKIT) in association with Rajasthan Productivity Council at Jaipur on February 17, 2018.



Mr. Kshitij D. Verma, AMIE

Dy. Executive Engineer, GWSSB, Surat, Gujarat & Doctoral Research Scholar, Applied Mechanics Department, Sardar Vallabhbhai National Institute of Technology Surat (NIT Surat), Surat, Gujarat.



Attended CPHEEO sponsored Refresher Course on “Computer Aided Design of Pipelines & Pipe Networks for Water Supply & Sewerage Systems” held at Visvesvaraya National Institute of Technology, Nagpur, Maharashtra from November 28 to December 4, 2017.

Mr. Balkar Singh, FIE

Assistant General Manager, Punjab Energy Development Agency, Chandigarh

Attended National Conference on ‘Comprehensive Village Development – Feasibility & Sustainability’ held on February 23, 2018 at Indo Global College of Architecture, Abhipur as Keynote Speaker on the title “Promoting Renewable Energy & Energy Efficiency in Villages”.



Dr. Prashant M. Menghal, MIE

Associate Professor, Cadets Training Wing, Military College of Electronics & Mechanical Engineering Secunderabad, Telangana

Awarded Ph.D. degree in Electrical Engineering from Jawaharlal Nehru Technological University, Anantapur on thesis entitled “Artificial Intelligence Based Real Time Control of Induction Motor Drives” on May 17, 2017.



Mrs. C. Kayalvizhi, AMIE

Professor/Head, Department of Textile Technology, RVS College of Engineering, Dindigul

- Presented paper on topic “Investigation of Efficiency in Lotus Fabric for Medical Applications” in 31st National Convention of Textile Engineers & National Seminar on Indian Textile Industries Future Direction on February 17-18, 2018 in Adhiyaman College of Engineering Hosur, Tamilnadu.

- Participated in the two days Workshop on Research Methodology and Data Analysis in Management and Social Sciences (Module-I) organized by RVS Institute of Management Studies (RVSIMS), Dindigul during February 23-24, 2018.

- Participated in National Level Seminar on Recent Advances in Antimicrobial Textiles organized by Department of Textile and Apparel Design, Periyar University, Salem on February 27, 2018.



Publications by Members

Mr. Amit Chandak, AMIE

Assistant Professor, IPS Academy, Institute of Engineering & Science, Indore

Title of Paper : "Impact of Supply Chain Strategy Dimensions on Supply Chain Performance Dimensions: An Empirical study in the Indian automotive industry"



Title of Paper : "Impact of Goods & Services Tax (GST) on supply chain in India". 4th International Conference on Industrial Engineering (ICIE 2017), S.V. National Institute of Technology, Surat, on December 21-23, 2017.

Mr. M Vignesh Kumar, AMIE

Assistant Professor, KCG College of Technology



Title of Paper : "Sliding Wear Characteristics of Friction Stir, Processed CAST ZK60 Magnesium Alloy under Different Applied Loads". Transactions of the Indian, Institute of Metals, ISSN 0972-2815, Trans Indian Inst Met, DOI 10.1007/s12666-017-1257-9, 'International Congress 2017'

or 'Young Professionals International Conference 2017', organized by Indian Institute of Welding- Chennai-Trade Center, December 7-9, 2017, "Effect of Tool Pin Profile on Microstructure and Hardness of Magnesium Alloy Zk60/Sicp Surface Composites Fabricated by Friction Stir Processing".

Ms. Geetha Megharaj, MIE

Associate Professor, CSE, Sri Krishna Institute of Technology, Bangalore

Title of Paper : "Metaheuristic Based Virtual Machine Task Migration Technique for Load – Balancing in Cloud". 2nd International Conference on Integrated Intelligent Computing, Communication & Security (ICIIC - 2018), held at SJB Institute of Technology, During January 24-25, 2018.



Co-Author : Dr. Mohan G. Kabadi

Mr. Mukesh Kumar Singh, MIE

Sr. Engineer, BHEL, Anpara Local Center

Title of Paper : "Conservation & Management Techniques in Thermal Power Plant". All India Seminar on Water Conservation through 3'R' Reduce, Recycle & Reuse conducted by IEI Bokaro Local Center on December 2-3, 2017 Steel City Bokaro Jharkhand.



Title of Paper: "Effects of Cationic Ligands on Nitrate Removal from Water by Bismuth Based Media". Conference on Infrastructure Sustainability in Hilly Regions (CISHR- 2017), December 21-23, 2017 organised by Department of Civil Engineering, National Institute of Technology, Uttarakhand, Srinagar, Pauri Garhwal, Uttarakhand.

Title of Paper: "Environmental Issues & Challenges of Water Consumption for Thermal Power Plant". National Seminar on Emerging Energy Scenario of India : Issues, Challenges & Way forward January 20 – 22, 2018 jointly organized by NLC India Limited & IEI Neyveli Local Center.

Mr. Eadala Rakesh Reddy, AMIE

Thought-Leader, National Mission for Clean Ganga, Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India

Title of Paper : "Analysis, Design and Monitoring of Rock fall Mitigation Systems with Specific Reference to Successful Case Studies". International Conference on Innovations in Science and Technology, Malla Reddy Institute of Technology on January 19-20, 2018, ISBN No: 978-93-83-038-60-2.



Title of Paper : "Dynamic Analysis of Foundations Subjected to Machine Induced Vibrations". International Conference on Innovations in Science and Technology, e: Malla Reddy Institute of Technology, January 19-20, 2018, ISBN No: 978-93-83-038-60-2.

Publications by Members

Mr. Kamlesh R. Jethva, MIE

Assistant Professor, Department of Processing & Food Engineering, College of Agricultural Engineering & Technology, Anand Agricultural University, Godhra, Gujarat

Title of Paper : "Physico-Chemical Properties of Custard Apple". *International Journal of Biochemistry Research & Review*, 20(1): 1-13, 2017, (Article no.: IJBCRR.36626) ISSN: 2231-086X.



Co-author : Sagar Kachhadiya

Title of Paper : "Effect of Various Chemicals and Packaging Materials on Shelf Life of Custard Apple". Paper presented at 52nd Annual Convention of Indian Society of Agricultural Engineers and National Symposium on "Doubling Farmer's Income Through Technological Interventions" organized by ISAE, New Delhi and Anand Agricultural University, Anand, Gujarat during January 8-10, 2018.

Co-author(s) : Sagar Kachhadiya and Pinal Vaghasiya

Title of Paper : "To Study the Drying Characteristics of Banana Powder". Presented at 52nd Annual Convention of Indian Society of Agricultural Engineers and National Symposium on "Doubling Farmer's Income through Technological Interventions" organized by ISAE, New Delhi and Anand Agricultural University, Anand, Gujarat during January 8-10, 2018.

Co-author(s) : Deepak Kumar, Kashyap Panchal, Nimesh Chauhan and Mayur Solanki

Dr. K. G. Durga Prasad, MIE

Associate Professor & HOD, Department of Mechanical Engineering, School of Engineering, Technical Campus, GVP College for Degree & P. G. Courses, Rushikonda, Visakhapatnam, Andhra Pradesh

Title of Paper : "Supplier Evaluation and Selection through DEA-AHP- GRA Integrated Approach – A Case Study".

Co- Authors : Prof. K.Venkata Subbaiah and M.V.Prasad



Title of Paper : "Uncertain Supply Chain Management". (*International Journal*) Vol. 5, No: 4, 2017, *Growing Science*, DOI: [10.5267/j.uscm.2017.4.001](https://doi.org/10.5267/j.uscm.2017.4.001)

Prof. K. V. Ramesh, FIE

Department of Chemical Engineering, Andhra University, Visakhapatnam, Andhra Pradesh

Title of Paper : "Talc Beneficiation using Column Flotation". *Chemical Technology: An Indian Journal*, Vol. 12, Issue 2, pp.1-8 (2017).

Co-authors : J. DivyaLaxmi, P. Sateesh Kumar, M. S. N. Murty, S. Chiriki



Title of Paper : "Wall-to-bulk Mass Transfer in a Bubble Columns with String of Cones". *International Journal of Engineering Science and Mathematics*, Vol. 6, Issue 8, pp.1147-1158 (2017).

Co-author : M. Vijay

Title of Paper : "Removal of Copper by Adsorption on Treated Laterite". *Materials Today: Proceedings*, Vol. 5, Issue 1, Part 1, pp.463-469 (2018).

Co-authors : K. Sudha Rani, B. Srinivas, K. Gouru Naidu

Dr. Lakhwinder Singh, FIE

Dean Academics and Professor in Electrical Engineering Department of Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab

Title of Paper : "Harmonics Mitigation in a Steel Industry using 11-Level Cascaded Multilevel Inverter-Based DSTATCOM". *Canadian Journal of Electrical and Computer Engineering*, Vol. 40, No. 2, 2017, pp. 110-115.

Co-author(s) : Tejinder Singh and Balbir Gill



Title of Paper : "Comparative Analysis of Lambda Iteration Method and Particle Swarm Optimization for Economic Emission Dispatch Problem". *International Journal of Engineering Research and Technology (IJERT)*, Vol. 5, No. 5, 2017, pp. 153-157 (ISSN: 2278-0181).

Co-author : Vipandeep Kour

Publications by Members

Prof. Anshu Agrawal, AMIE

Head, Mechanical Engineering Dept., Rakshpal Bahadur College of Engineering & Technology, Bareilly

Title of Paper : "Combustion Performance Analysis of a Diesel Engine using Scrap Plastic Oil, Ethanol, Jatropa Methyl Ester and Diesel Oil Blend". *International Journal of Advance Research in Science & Engineering (IJARSE)*, Vol : 07, Issue : 03, Recent Innovations in Management Engineering Science & Technology (RIMEST 2018), Rajshree Institute of Management & Technology with Conference World, Rajshree Institute of Management & Technology, Bareilly during January 28 - 29, 2018.

Co-author : Dr Anil Kumar



Dr. Vikram Palodiya, AMIE

Assistant Professor, Dept. of Electronics & Communication Engg., Sphoorthy Engineering College, Hyderabad

Title of Paper : "Dispersion Characteristics of Novel Class Multi-clad Dispersion Shifted Hollow Core Fibres for WDM Optical Systems". *Indian Journal of Pure & Applied Physics*, Vol. 56, pp. 76-79, January 2018.



Dr. D. Suneel, FIE

Principal, Narasaraopeta Engineering College (Autonomous), Narasaraopeta, Guntur, Andhra Pradesh



Title of Paper : "Experimental Study of Wear Characteristics on A356 Metal Matrix Nano Composites Fabricated with Ultrasonic Cavitation Assisted Dispersion of Reinforcement". *International Journal of Automotive and Mechanical Engineering (IJAME)*, ISSN No: 2229 8649. E-ISSN: 2180 1606, Vol.14, Issue No.4, PP.4589-4602, December 2017.

Co-author : P. Suresh Babu

Dr. B. Guruprasad, MIE

Assistant Professor, Nodal Officer Industry Institution Interaction Cell, Department of Mechanical Engineering, Alagappa Chettiar Government College of Engineering and Technology, (Autonomous Institution, Affiliated to Anna University, Chennai)



Title of Paper : "Comparison of Fracture Length in Hydro Fracturing Process". *International Conference in the IEEE International Conference Proceedings*, CFP18037-PRT-978-1-5386-4303-7, pp. 354-357. *International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC)* with IEEE conference record number # 43456, at Priyadarshini Engineering College, Chettiyappanur, Vaniyambadi 635 751, Vellore District, Tamil Nadu on 28.01.2018 & 29.01.2018.

Co-author : T. S. Badrinarayanan

Prof. (Dr.) C. M. Narayanan, MIE

Professor (Retired) of Chemical Engineering, National Institute of Technology, Durgapur

Title of Paper : "Process Intensification of Heat and Mass Transfer Equipment / Processes using Variable Area Design – A Review". *Annual Technical Volume (Interdisciplinary Coordination Committee)*, *The Institution of Engineers(I)*, Vol.2, pp.128 – 39, December, 2017.



Publications by Members

Prof. Debendra Chandra Baruah, FIE

Department of Energy, Tezpur University, Napaam, Tezpur

Title of Paper : "Thermoelectric Conversion of Waste Heat from IC Engine Driven Vehicles: A Review of Its Application, Issues and Solutions". *International Journal of Energy Research* doi: 10.1002/er.4021 (2018).

Co-author : Patowary, R



Title of Paper : "Solar Air Heater for Residential Space Heating, Energy Ecology and Environment". DoI: 10.1007/s40974-017-0077-4 (2017).

Co-author : Choudhury, PK.

Title of Paper : "Emerging Role of Geographical Information System (GIS), Life Cycle Assessment (LCA) and Spatial LCA (GIS-LCA) in Sustainable Bioenergy Planning". *Bioresource Technology*, 242:218-226 (2017).

Co-author(s) : Hiloidhari Moonmoon, Singh Anoop, Kataki Sampriti, Medhi Kristina, Kumari Shilpi, Ramachandra T.V., Jenkins B.M., Thakur Indu Shekhar

Mr. Giridhar Maji, MIE

Faculty Member, Department of Electrical Engineering, Asansol Polytechnic, Department of Technical Education, Training and Skill Development, WB



Title of Paper : "Dual Image based LSB Steganography". *2nd IEEE International Conference on Recent Advances in Signal Processing, Telecommunications & Computing (SigTelCom2018)*, Ho Chi Minh City, Vietnam, January 29 - 31, 2018, IEEE, Technical Sponsor: IEEE, IEEE Vietnam Section, Post Telecommunications Institute of Technology and Duy Tan University, Vietnam.

Co- author(s) : Sharmistha Mandal, Soumya Sen, Narayan C. Debnath

<http://www.sigtelcom.net/2018>

Miss Damyanti G Badagha, AMIE

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

Title of Paper : "Effect of Steel Industry Waste as a Cement Replacement to Produce Sustainable Concrete Considering Strength and Durability". *Conference abstract Proceeding*, pp. 69, *American Society of Civil Engineering India Conference. Indian Institute of Technology, Delhi* December 12-14, 2017.



Co-author : Dr CD Modhera

Title of Paper : "Critical Reviews on Utilization of Steel Industry Waste in Concrete Considering Environment Issues and Solution". *Technical volume of 32nd Indian Engineering Congress (Institute of Engineers)*, Pages: 78-82, *Excel India Publishers. 32nd Indian Engineering Congress, Theme : Innovation in Engineering: Competitive Strategy Perspective, December 21-23, 2017, Chennai.*

Co-author : Dr CD Modhera

Title of Paper : "Parametric Experimental Studies on Sustainable Concrete Containing Waste under Different Curing Conditions". *Conference abstract Proceeding*, pp. 25, ISBN: 978-93-83409-41-9, *International Conference on Sustainable Technologies in Building and Environment (ICSTBE-2018)*, January 23-25, 2018, Sathyabama University, Chennai.

Co-author : Dr CD Modhera

Mr. Ravikumar Renjerla, MIE

Assistant General Manager - Designs, Mold-Tek Technologies Limited, Hyderabad



Title of Paper : "A Study on Blast Resistance Design of Steel Structures", *International Journal of Emerging Technology and Advanced Engineering*, Vol : 7, Special Issue No. 2, pp. 224-230 December 2017.

Publications by Members

Dr. S. Christopher, MIE

Associate Professor, Department of Mechanical Engineering, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai

Title of Paper : "Experimental Determination of Cavitation Characteristics of Low Specific Speed Pump using Noise and Vibration", *Journal of the Institution of Engineers (India): Series C*, 8th December 2017. DOI: 10.1007/s40032-017-0431-5.

Co-author : Kumaraswamy, S.



Title of Paper : "Numerical Flow Prediction in Inlet Pipe of Vertical Inline Pump", *ASME Journal of Fluids Engineering*, Vol. 140, Issue 5, May 2018, pp. 051201-1 - 051201-10, available on online from 26th December 2017. DOI: 10.1115/1.4038533

Co-author(s) : Yuan, S., Ji, P., and Xing Cheng, G.

Title of Paper : "Numerical Optimization of Leading Edge Profiles in Impeller Vane of Radial Flow Pump", *ISME Journal of Thermofluids*, Vol. 3, No. 1, 2017, pp. 28-39.

Co-author : Kumaraswamy, S.

Mr. Syed Abou Itaf Hussain, AMIE

Production Engineering Department, National Institute of Technology, Agartala

Title of Paper : "Decision Maker Priority Index and Degree of Vagueness Coupled Decision Making Method: A Synergistic Approach", *International Journal of Fuzzy Systems*, DOI:10.1007/s40815-017-0440-9

Co-authors: Uttam Kumar Mandal & Sankar Prasad Mondal



Title of Paper : "Developing a Decision Making Model Using Interval Valued Intuitionistic Fuzzy Number", *International Conference of Harmony Search Algorithm-2018*, BML Munjal University, Gurgaon on February 09, 2018.

Co-authors: Uttam Kumar Mandal & Sankar Prasad Mondal

Mr. Mahesh Dhone, AMIE

Research and Development Engineer, Chair for Modelling and Simulation, University of Rostock, Germany

Title of Paper : "Comparison of Different Approaches Tracking a Wing-tip Vortex", *International Journal of Ocean Engineering*, Volume 147, 2018, Pages 659-675, ISSN 0029-8018. <https://doi.org/10.1016/j.oceaneng.2017.09.036>. (<http://www.sciencedirect.com/science/article/pii/S0029801817305553>)



Co-authors(s) : D.F. Feder, N. Kornev and M. Abdel-Maksoud

Title of Paper : "Resolution of Tip Vortices by Grid Methods and Coupling Vortex Method with Grid Based Simulation", *7th International Conference on Vortex Flows and Vortex Models*, 19 - 22 September 2016, Rostock, Germany, pp. 53-55, published in proceedings with ISBN 978-3946694007.

Co-authors(s) : N. Kornev and N. Abbas

Title of Paper : "Coupled Thermo-aerodynamical Problems in Design of Protection Cloth". *Proc. VI International Conference on Computational Methods for Coupled Problems in Science and Engineering COUPLED PROBLEMS 2015*, Venice, Italy May 2015, CIMNE, pp. 1303-1311.

Co-authors(s) : Cherunova I. & Kornev N

Mr. N. Bheema, MIE

Scientific Officer/D, Nuclear Fuel Complex, Department of Atomic Energy, Govt of India, ECIL Post, Hyderabad



Title of Paper : "Role of Process Instrumentation in Automation of Utilities Services", *NTPC-NETRA's Conference on Sensor Technologies & Its Application in Power Generation during January 23-24, 2018 at Power Management Institute (PMI), Noida.*

Co-authors : A. R. Rao, Binay Kumar, B Satyadev, C Phani Babu & G Kalyanakrishnan

Publications by Members

Dr. Nilesh Bhaskarrao Bahadure, MIE

Assistant Professor, Department of Electronics & Telecommunication Engg., MAEER's MIT College of Railway Engineering & Research, Barshi, Solapur, Maharashtra

Title of Paper : "Comparative Approach of MRI-Based Brain Tumor Segmentation and Classification using Genetic Algorithm", *Springer - Journal of Digital Imaging*, 2018, DoI: 10.1007/s10278-018-0050-6. <https://link.springer.com/content/pdf/10.1007%2Fs10278-018-0050-6.pdf>.



Co-authors : Dr. Arun Kumar Ray and Dr. Har Pal Thethi

Title of Paper : "A Comparative Approach of Brain Tumor Detection Using SVM, DCT and Huffman Coding in Compressed Domain", *Current Medical Imaging Reviews*, Vol. 13, 2017. 10.2174/1573405613666170629154727, <http://www.eurekaselect.com/153627/article>

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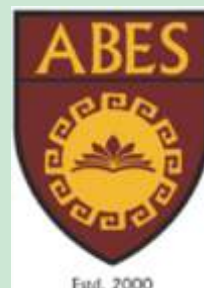
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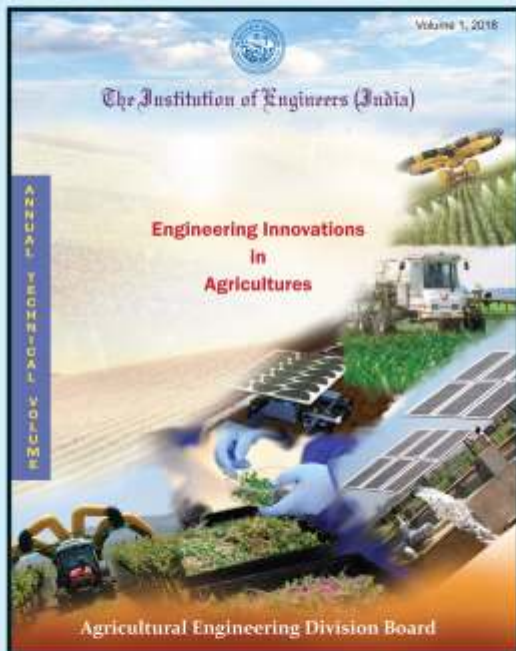


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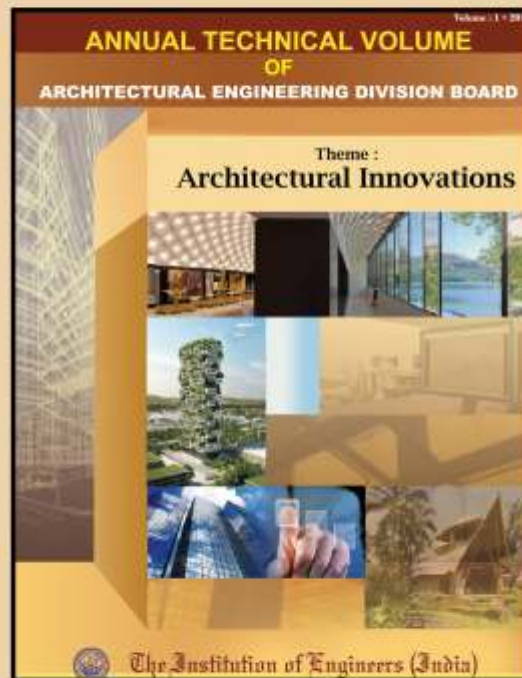
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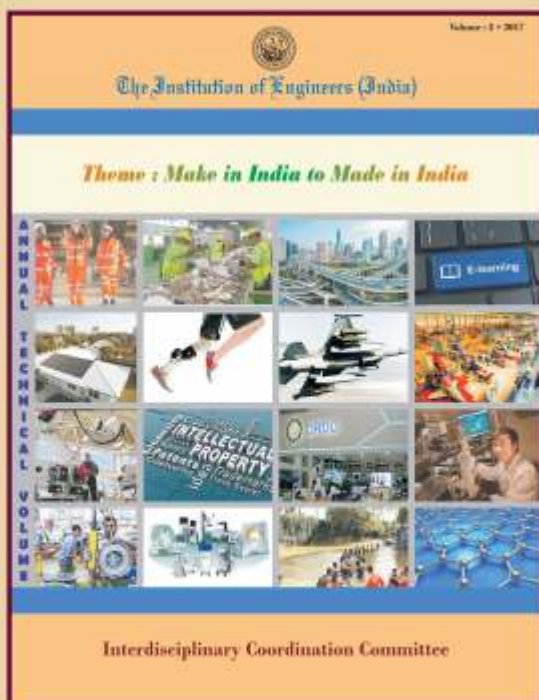
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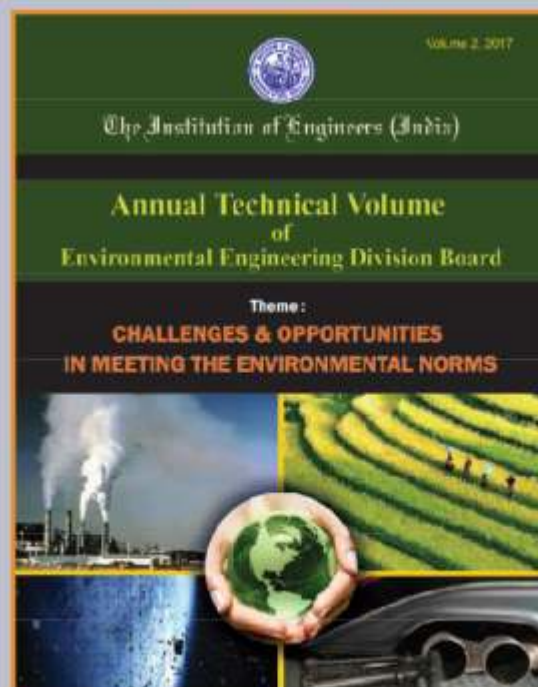
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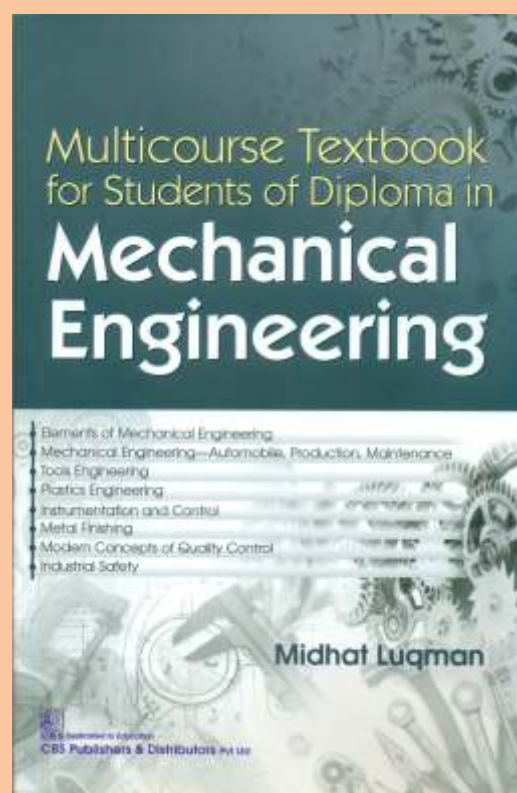
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