

# Epitome

September 2017, Volume 2, Number 9

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# Members

## in the News

### Mr. Digambar Ramchandra Parakale, FIE

General Manager (Utilities & Chemical Maintenance),  
M/s Century Enka Ltd, Bhosari, Pune, Maharashtra

Promoted as General Manager (Utilities & Chemical Maintenance) with effect from July 01, 2017 at M/s Century Enka Ltd, Bhosari, Pune.



### Dr. Sudhansu S. Sahoo, MIE

Assistant Professor, Department of Mechanical Engineering,  
College of Engineering & Technology Bhubaneswar,  
Techno Campus, Bhubaneswar, Odisha



Received 'Venus International Faculty Awards 2017' in the field of 'Outstanding Faculty in Solar Thermal Energy Category of Mechanical Engineering' from Venus International Foundation at Chennai on July 08, 2017.

### Dr. Naveen B. P., AMIE

Associate Professor, Department of Civil Engineering, Amity School of Engineering & Technology, Amity University Gurgaon, Manesar, Haryana

Received 'Young Researcher & Scholar Icon Award 2017' from Jupiter Scholar Awards for Excellence in Research (Gratis Award) Committee for his contribution and achievements in research of Civil Engineering at Kodambakkam, Chennai on July 22, 2017.



### Prof. (Dr.) Ch. Rupa, AMIE

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



Received "Certificate of Continuing Education Completion 2017" from CYBRARY, Maryland, US for completion of the course on 'Penetration Testing and Ethical Hacking' on July 19, 2017.

### Mr. M. Coumarane, MIE

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

Attended as Chief Guest and delivered a talk on the topic "Energy Conservation is the Need of the Hour" at the 7th National Level Technical Symposium 'EMERGE 2K17' organized by Department of Electrical and Electronics Engineering, Valliammai Engineering College (A member of SRM Group of Institutions), Chennai, Tamilnadu on August 05, 2017.



### Dr. B. Venkateswara Rao, MIE

Associate Professor, Department of Electrical & Electronics Engineering, V. R. Siddhartha Engineering College, Kanuru, Vijayawada, Andhra Pradesh



- Received 'Outstanding Faculty in Engineering Award 2017' from Venus International Foundation in recognition of his contributions and achievement in the field of Electrical and Electronics Engineering at Chennai on July 08, 2017.

- Chaired a session in National Conference on "Recent Trends in Electrical and Electronics Engineering 2017", held at Vignan's Institute of Information Technology, Visakhapatnam, during April 14-15, 2017.

### Mr. Prabhat Kumar Dhara, FIE

Secretary, Faculty Council, Faculty of Agricultural Engineering, Bidhan Chandra Krishi Viswavidyalaya, Nadia, West Bengal

Received 'Best Paper Presentation Award' for his paper on "A Design of Fire Master 200 Total Flooding Fire Extinguishing Systems for Moderated Hazards of Computer and Electronics Rooms in Integrated Processing Plant Under Global Environment" at the 'International Conference on Emerging Developments in Engineering & Technology' organized by Shivalik College of Engineering, Dehradun during November 11-12, 2016.



# Members

## in the News

### Dr. Pushan Kumar Dutta, MIE

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

Obtained Post-doctorate in Engineering on the topic "Development of an Integrated Methodology for the Control of Sensor Data using Intelligent System and Tools" under Erasmus Mundus Leaders Program from Department of Management & Technology, University of Oradea, Romania on July 29, 2016.



### Dr. Jitendra Kumar, MIE

Associate Professor, Department of Mechanical Engineering, United College of Engineering & Research, Allahabad, Uttar Pradesh



Attended a Short Term Course on 'Aerodynamics and Hydrodynamics in Sports 2017' sponsored by Global Initiative of Academic Networks and Ministry of Human Resource Development (Government of India) held at Department of Applied Mechanics, Motilal Nehru National Institute of Technology, Allahabad during April 03-08, 2017.

### Mr. Ritu Raj Lamsal, AMIE

Head, Electronics Department, Deerwalk Institute of Technology, Kathmandu, Nepal

Participated and presented a paper titled "Exploring ICT in Empowering Persons with Disabilities in Nepal" in 'Fourth International Conference on e-Learning for Development 2017' organized by Deerwalk Institute of Technology, Kathmandu, Nepal during August 29-31, 2017.



### Mr. A. K. Gupta, MIE

Director, Steamline Infra Projects Pvt Ltd, Malad (W), Mumbai, Maharashtra

Nominated as Director at Steamline Infra Projects Pvt Ltd, Malad (W), Mumbai on January 25, 2016.

### Mr. Fasludeen N. S, AMIE

Ph.D. Research Scholar, Department of Post-Harvest Engineering and Technology, Aligarh Muslim University, Aligarh, Uttar Pradesh

Participated as Indian Student Representative at International Program "CURLS 2017" organised by Chulalongkorn University Thailand, Right Livelihood College, Germany and Royal University of Bhutan at Chulalongkorn University Thailand during July 19-August 02, 2017.



### Mr. Chodagam Srinivas, AMIE

Assistant Professor, Department of Electrical & Electronics Engineering, Sasi Institute of Technology & Engineering, Tadepalligudem, Andhra Pradesh



Received 'Research Excellence Award 2017' for his research work on "Intensification of Optimal Power Scheduling & Fuel Cost Minimization Inspired by Adaptive Differential Evaluation Algorithm", published in 'Second IEEE International Conference on Electrical, Computer and Communication Technologies', organized by SVS Engineering College, Coimbatore. The award was presented by Institute for Exploring Advances in Engineering on August 04, 2017.

### Mr. Vikram S. Kulkarni, AMIE

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

Presented a paper titled "Productivity Improvement of Building Construction Workers by Ergonomic Analysis" at 'Fourth Post Graduate Students' Conference of Civil Engineering' organized by Department of Civil Engineering, Flora Institute of Technology, Pune during June 13-14, 2017.





# Publications by Members

## Dr. Sudhansu S. Sahoo, MIE

Assistant Professor, Department of Mechanical Engineering,  
College of Engineering & Technology Bhubaneswar,  
Techno Campus, Bhubaneswar, Odisha



**Title of Paper:** "Forecasting of Solar Energy with Application for a Growing Economy like India: Survey and implication", *Renewable and Sustainable Energy Reviews*, Vol. 78, October 2017, pp. 539–553.

## Dr. B. Venkateswara Rao, MIE

Associate Professor, Department of Electrical and Electronics Engineering, V R Siddhartha Engineering College, Kamuru, Vijayawada, Andhra Pradesh

**Title of Paper:** "Voltage Stability Index Based Optimal Placement of Static VAR Compensator and Sizing using Cuckoo Search Algorithm", *AIP Conference Proceedings*, Vol. 1859, Issue 1, published online July 2017, pp.1-9.



Co-author(s): G. V. Nagesh Kumar, D. Deepak Chowdary, M. Aruna Bharathi, Stutee Patra

## Mr. Kishan Lal Jain, AMIE

Assistant Professor, Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur, Rajasthan



**Title of Paper:** "A Study on Slump Value of Glass and Granite Powder Added Concrete", *Proceedings of '3rd International Conference on Sustainable Energy and Built Environment' organized by School of Civil and Chemical Engineering in Association with American Society of Civil Engineering at VIT University, Vellore, March 16-17, 2017.*

## Mr. Nilesh N. Kulkarni, AMIE

Lecturer, Department of Electronics & Telecommunication Engineering, Sinhgad Technical Education Society's, Sou. Venutai Chavan Polytechnic, Pune, Maharashtra



**Title of Paper:** "The Role of Neuroimaging and Electroencephalogram in Diagnosis of Alzheimer Disease", *International Journal of Computer Applications*, Vol. 167, Issue 11, June 2017, pp. 40-46.

Co-author(s): P. P. Rathod, V. V. Nanavare

## Dr. Mahendra Pratap Choudhary, FIE

Associate Professor, Department of Civil Engineering, Rajasthan Technical University, Kota, Rajasthan

**Title of Paper:** "Assessing Environmental Impacts of a Cement Industry during its Operation Phase", *International Journal of Research and Scientific Innovation*, Vol. IV, Issue VS, May 2017, pp. 65-68.

Co-author: Divya Gupta



## Mr. Ankur Bhattacharjee, AMIE

Assistant Professor, Department of Electrical Engineering, Institute of Engineering & Management, Saltlake, Kolkata



**Title of Paper:** "Design and Experimental Validation of a Generalised Electrical Equivalent Model of Vanadium Redox Flow Battery for Interfacing with Renewable Energy Sources", *Journal of Energy Storage*, Vol. 13, October 2017, pp. 220-232.

Co-author: Hiranmay Saha

# Publications by Members

## Mr. D. B. Karanjule, MIE

Research Scholar, Sinhgad College of Engineering, Pune and Lecturer, Department of Mechanical Engineering, Government Polytechnic, Ahmednagar, Maharashtra



- **Title of Paper:** "Effect of Cold Drawing Pass Schedule on Mechanical Properties and Microstructure of ST 52 during Cold Drawing of Seamless Tubes and its Influence on Springback", *Advances in Science, Technology and Engineering Systems Journal (USA)*, Vol. 2, Issue 3, July 20,

2017, pp.1202-1210.

Co-author(s): Dr. S. S. Bhamare, Dr. T. H. Rao

- **Title of Paper:** "Implementation of Taguchi Method of Parametric Optimization of Springback in Cold Drawing of Seamless Tubes", *Proceedings of 'International Conference on Mechanical, Electronic Systems and Computer Engineering 2017'* organized by Modern Education Society's College of Engineering at Pune, Maharashtra during June 29-30, 2017.

Co-author(s): Dr. S. S. Bhamare, Dr. T. H. Rao, Dr. A. C. Mitra

- **Title of Paper:** "Microstructure, Property Changes and Characterization for ST 35 Steel Material during Multiple Pass Cold Drawing Process of Seamless Tubes", *Proceedings of 'International Conference on Emerging Trends in Materials and Manufacturing Engineering 2017'* organized by Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirappalli during March 10-12, 2017.

Co-author(s): Dr. S. S. Bhamare, Dr. T. H. Rao

## Dr. P. Booma Devi, AMIE

Professor & Head, Department of Electrical and Electronics Engineering, R.V.S. College of Engineering, Dindigul, Tamilnadu

- **Title of Paper:** "Modified Sliding Mode Approach for a High Efficient LED Driver using Solar Energy", *Journal of Renewable Energy and Resources*, Vol. 2, Issue 2, pp. 1-22, August 01, 2017.

Co-author: A. P. Jagadeesan



## Dr. (Mrs.) J. Brema, FIE

Professor and Program Co-ordinator, Department of Civil Engineering, Karunya University, Coimbatore, Tamilnadu

- **Title of Paper:** "Improving Sustainability of a Building based on Orientation and Wind Velocity – A Case Study using CFD", *International Journal of Civil Engineering and Technology*, Vol. 8, Issue 7, July 2017, pp. 232-240.

Co-author: K. Prathibaa



- **Title of Paper:** "Study on Variations in Precipitation, Temperature And Groundwater Quality Parameters with Respect to Land Use Change – Noyyal Basin", *Proceedings of 'National Workshop on Sustainable Development of Groundwater'*, organised by Central

Ground Water Board, South Eastern Coastal Region Chennai on March 16, 2017 at Tamil Nadu Agricultural University, pp. 75 - 86.

- **Title of Paper:** "Modelling and Assessment of Traffic Safety in Urban Signalized Intersection", *Proceedings of '4th National Conference on Transportation Systems Engineering'* organised by Division of Transportation Engineering, Anna University, Chennai during May 12-13, 2017.

Co-author: K. Prathibaa



## 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:** "Thermal Performance of Energy Efficient Transformers - A CPRI Experience", *Proceedings of '14th International Conference on Transformer 2017 on Global Trends in Transformer Technology for Indian Power System'* organized by Indian Transformer Manufacturers Association at Scope Complex, New Delhi on May 05, 2017, pp. 61-68.

Co-author(s): Arvind Pandey, D. Krishnamurthy, J. Santhosh





# Publications by Members

## Mr. Gagan Kumar Gupta, AMIE

Deputy Manager, Bokaro Power Supply Co. Ltd. (A Joint Venture Company of SAIL & DVC), Bokaro Steel City, Jharkhand



- **Title of Paper:** "Critical Failure Analysis of Superheater Tubes of Coal-Based Boiler", *Strojniški Vestnik - Journal of Mechanical Engineering*, Vol. 63, Issue 5, May 2017, pp. 287-299.

- **Title of Paper:** "Development of Generalized Methodology for Root Cause Failure Analysis for Tubes of Coal based Boiler", *Proceedings of '2nd International Conference on Recent Innovations in Management and Engineering' organized by IIMT College of Engineering, Noida on June 24, 2017.*

- **Title of Paper:** "Critical Reliability Analysis of Superheater Tubes of Coal Based Boiler", *Proceedings of 'WRFER International Conference on Recent Development in Mechanical and Industrial Engineering' organized by World Research Forum for Engineers and Researchers at New Delhi on July 02, 2017.*

## Dr. Jitendra Kumar, MIE

Associate Professor, Department of Mechanical Engineering, United College of Engineering & Research, Allahabad, Uttar Pradesh

**Title of Paper:** "Development of a Novel Lot Sizing Model with Variable Lead Time in Supply Chain Environment", *Journal of Optimization in Industrial Engineering*, Vol. 10, Issue 22, April 29, 2017, pp. 25-38.



## Mr. Prabhat Kumar Dhara, FIE

Secretary, Faculty Council, Faculty of Agricultural Engineering, Bidhan Chandra Krishi Viswavidyalaya, Nadia, West Bengal



- **Title of Paper:** "A Design of Fire Master 200 Total Flooding Fire Extinguishing Systems for Moderated Hazards of Computer and Electronics Rooms in Integrated Processing Plant Under Global Environment", *International Journal of Scientific & Engineering Research*, Vol. 7, Issue 12,

December 2016, pp.72-77. The paper has also been presented and won 'Best Paper Presentation Award' in the 'International Conference on Emerging Developments in Engineering & Technology 2016', organized by Shivalik College of Engineering, Dehradun during November 11-12, 2016.

- **Title of Paper:** "Optimized Design of Automated Drip Irrigation system and Piping Network through simulation Method for Saving Water and Energy for Horticultural Crops in Tropical Agro-climatic Zones of India", *Proceedings of 'International Conference on Emerging Technologies in Agricultural and Food Engineering' organized by Agricultural and Food Engineering Department, IIT Kharagpur during December 27-30, 2016.*

Co-author: Subhadip Dey

## Mr. Rahul Aggarwal, AMIE

Assistant Executive Engineer, Punjab State Power Corporation Limited, Patiala, Punjab

**Title of Paper:** "Study on Reducing Thermal Emissions by Improving the Efficiency of Electrostatic Precipitator (ESP)", *International Journal of Research in Science and Technology*, Vol. 7, Issue II, April-June 2017, pp. 63-72.



# Publications by Members

## Prof. (Dr.) R. Ramakrishnan, FIE

Professor & Head, Department of Sports Technology,  
Tamilnadu Physical Education and Sports University, Chennai,  
Tamilnadu



- **Title of Paper:** "Tribological and Mechanical Characterization of Aluminum Metal Matrix Composites", *Indian Journal of Science and Technology*, Vol. 9, Special Issue 1, December 2016, pp. 1-6.

Co-author: Padmavathi K. R.

- **Title of Paper:** "Tribological Properties of Micro and Nano SiC Reinforced Aluminium Metal Matrix Composites", *Proceedings of 'International Conference on Advances in Metallurgy, Materials and Manufacturing 2017' organized by Department of Metallurgical Engineering, Government College of Engineering at Salem during March 06-08, 2017.*

Co-author: Padmavathi K. R.

## Dr. Mohd. Zameeruddin, MIE

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

- **Title of Paper:** "Energy-based Damage Assessment of RCMRFs using Pushover", *Asian Journal of Civil Engineering*, Vol. 18, Issue 7, November 2017, pp. 1077-1093.

Co-author: Keshav K. Sangle



- **Title of Paper:** "Seismic Performance Evaluation of Reinforced Concrete Frames Subjected to Seismic Loads", *Journal of The Institution of Engineers (India): Series A*, (Springer) Vol. 98, Issue 1-2, pp. 177-183, June 2017.

Co-author: Keshav K. Sangle

## Prof. Amar Kumar Das, MIE

Assistant Professor, Department of Mechanical Engineering,  
Gandhi Institute for Technology, Bhubaneswar, Odisha



- **Title of Paper:** : "A Review on Engine Performance and Exhaust Emission of Compression Ignition Engine using Pyrolytic Plastic Fuel", *Indian Journal of Scientific Research*, Vol. 15, Issue 2 (Special Online Issue), August 2017, pp. 57-61.

## Prof. Dr. Vijayan Gurumurthy Iyer, FIE

Department of Environmental Engineering, Narasaraopeta  
Engineering College, Guntur, Andhra Pradesh

- **Title of Paper:** : "Environmental Impact Assessment (EIA) Process for the Cultural Environment in Context to Ethiopia", *Abstracts Book of '3rd Global Conference on Contemporary Issues in Education' organized by Academic World Education and Research Centre at Bali, Indonesia during September 10-12, 2016*, pp. 12.



- **Title of Paper:** "Environmental Health Impact Assessment (EHIA) Process towards Environmental Health for All", *Abstracts Book of the '3rd World Conference on Health Sciences 2016' organized by Academic World Education and Research Centre at Kusadasi, Turkey during April 28-30, 2016*, pp. 88.

## Mr. Alok Suman, FIE

Consultant, Water and Sanitation, Water Global Practice,  
The World Bank, New Delhi



- **Title of Paper:** : "Dairy Wastewater Treatment using Water Treatment Sludge as Coagulant: A Novel Treatment Approach", *Environment, Development and Sustainability (Springer)*, published online, May 02, 2017, pp. 1-11.



# Publications by Members

## Dr. M. Arun, MIE

Assistant Professor, Department of Civil Engineering, Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu

- **Title of Paper:** “Experimental Investigation on Laced Reinforced Concrete Beams”, *Proceedings of ‘2nd International Conference on Sustainable Practices in Civil Engineering 2017’ organized by Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore in association with University of Malaya, Kuala Lumpur, Malaysia at KPR Institute of Engineering and Technology, Coimbatore during April 10-11, 2017.*

Co-author: B. Pranesh

- **Title of Paper:** “Influence of Longitudinal Circular Hole on Flexural Strength of Reinforced Concrete Hollow Beams”, *Practice Periodical on Structural Design and Construction, ASCE, Vol. 22, Issue 2, May 2017, pp. 04016021-1 – 04016021-10.*

Co-author: Arunachalam N.

## Mr. A. Muthu Manokar, AMIE

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

- **Title of Paper:** : “Experimental Investigation on the Effect of Water Mass in Triangular Pyramid Solar Still Integrated to Inclined Solar Still”, *Groundwater for Sustainable Development (Elsevier), Vol. 5, September 2017, pp. 229-234.*

Co-author(s): P. Naveen Kumar, B. Madhu, A. E. Kabeel, T. Arunkumar, Hitesh Panchal, Ravishankar Sathyamurthy



## Dr. Ajit Kumar, AMIE

Assistant Professor, Department of Mining Machinery Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand



- **Title of Paper:** “Effect of Various Parameters on the Performance of the Blasthole Drilling”, *Journal of Mines, Metals and Fuels, Vol. 65, Issue 2, February 2017, pp. 49-54.*

Co-author(s): Alok Vardhan, K. Dasgupta

- **Title of Paper:** “Effect of Hydraulic Accumulator on Pressure Surge of a Hydrostatic Transmission System”, *Journal of The Institution of Engineers (India): Series C (Springer) Publications, published online, May 04, 2017, pp. 1-6.*

Co-author(s): J. Das, K. Dasgupta, M. K. Barnawal

- **Title of Paper:** “Necessity of Pre-Cleaning System for Hydraulic Aggregates in a Hydraulic Equipment Production Plant: A Case Study”, *Advanced Engineering Research and Applications, Vol. III, 2017, pp. 311-328.*

Co-author: Srinivas Nandikanti

## Mrs. Mangal Hemant Dhend, AMIE

Assistant Professor, Department of Electrical Engineering, AISSMS College of Engineering, Sawitribai University of Pune, Pune, Maharashtra

- **Title of Paper:** : “Fault Diagnosis of Smart Grid Distribution System by Using Smart Sensors and Symlet Wavelet Function”, *Springer Journal of Electronic Testing: Theory and Applications, Vol. 33, Issue 3, June 2017, pp. 329-338.*







**Dr. L. N Pattanaik, FIE**

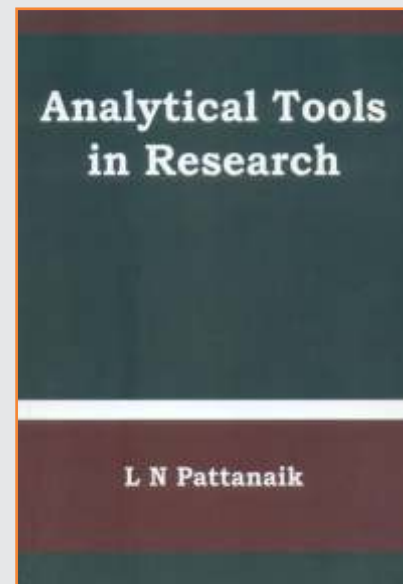
*Associate Professor, Production Engineering  
Birla Institute of Technology Mesra, Ranchi, Jharkhand*

## Analytical Tools in Research

The book intends to assist researchers by providing key features of about 80 classical and contemporary analytical tools from statistics, operation research, metaheuristics, artificial intelligence and hybridization of these tools. Some of the popular tools included are Regression Analysis (ten types), ANOVA, DoE, Taguchi, RSM, Grey Analysis, MCDM (AHP, VIKOR, TOPSIS etc.), Fuzzy logic, ANN, Multi-objective GA, ANFIS, Fuzzy-ELECTRE, Grey-Taguchi and so on. Illustrative examples with software applications are presented to reduce the gap between theory and application. The rationale of this book is to guide the researcher in selecting the best tool for the research problem by briefly introducing to various tools along with their typical features. After convincingly zeroing on a particular tool, more theories can be learned about it from several reference sources. Some illustrative examples using popular software (MS Excel®, MATLAB®, MINITAB®, SPSS®, SYSTAT®, LINGO®) applications are included to help the readers in tool selection by bridging the gap between theory and application.

The book attempts to contain most of the contemporary analytical tools, but giving exhaustive description for each tool is neither feasible nor the objective. Proportionate emphasis based on author's perception is given to various analytical tools. Serious readers are advised to have a dry-run of the selected tool using suitable commercial software or programming tool before implementing it to their research problem. This unique book can serve as a reference source for various academic courses, dissertations, research projects and assignments.

Publisher: Educreation Publishing



**32<sup>nd</sup>**

**INDIAN ENGINEERING CONGRESS**

**Chennai, December 21-23, 2017**

Theme:

**Innovation in Engineering : Competitive Strategy Perspective**

Organized by: **The Institution of Engineers (India)**

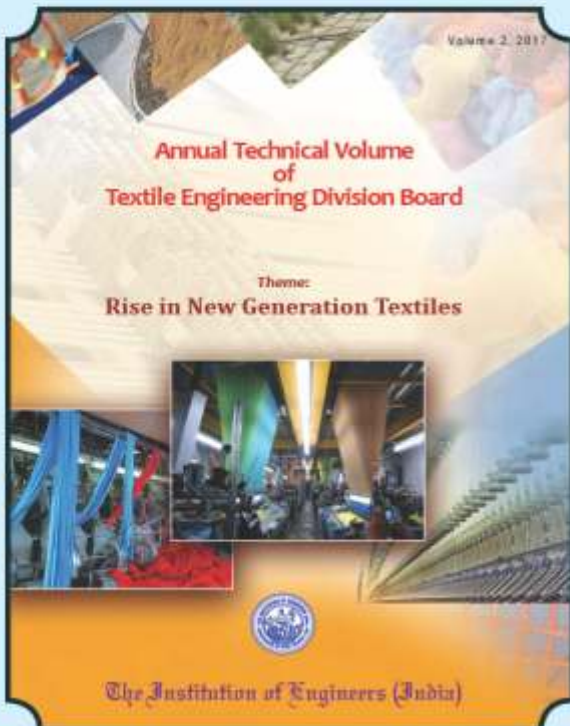
Hosted by: **Tamilnadu State Centre**

Contact : Organising Secretary, 32<sup>nd</sup> Indian Engineering Congress, The Institution of Engineers (India), Tamilnadu State Centre  
19 Swami Sivananda Salai, Chepauk, Chennai 600005, Tel: (044) 25360614/64998729, Fax: (044) 25369433  
Email: [tnsc@ieindia.org](mailto:tnsc@ieindia.org)

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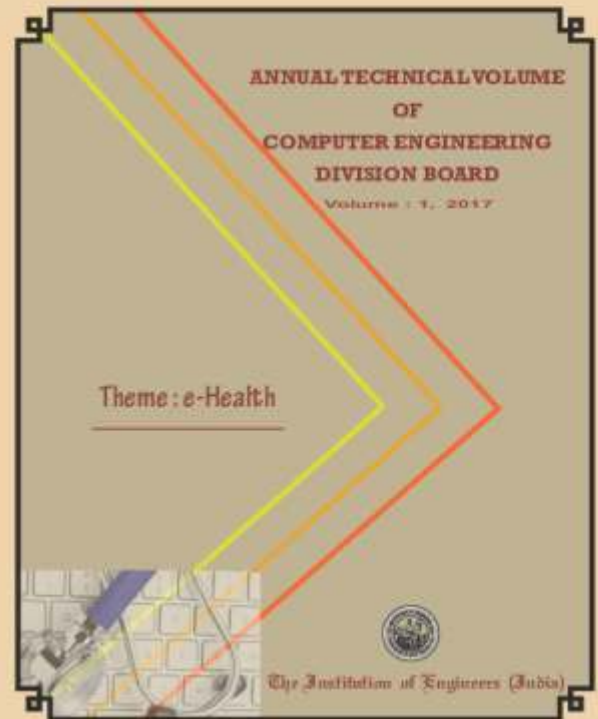
## Textile Engineering Division Board

Theme: "Rise in New Generation Textiles"



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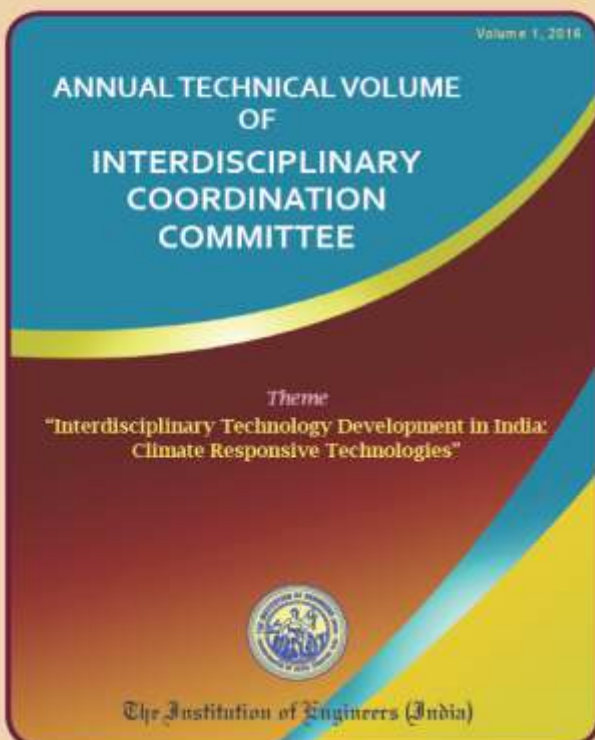
## Computer Engineering Division Board



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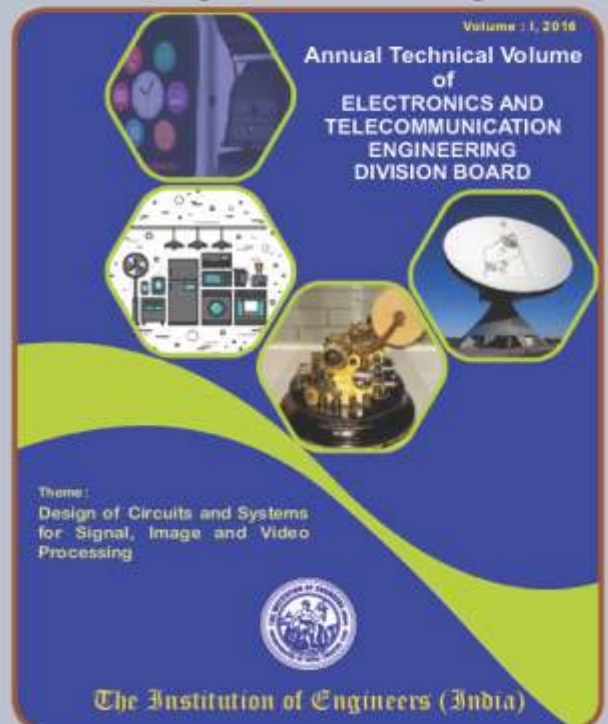
## Interdisciplinary Coordination Committee

Theme: "Interdisciplinary Technology Development in India: Climate Responsive Technologies"



## Electronics and Telecommunication Engineering Division Board

Theme: "Design of Circuits and Systems for Signal, Image and Video Processing"



# Call for Papers for Annual Technical Volumes

Engineering Division Board/Committee	Theme	Last Date for submission of the Paper	Paper to be submitted at Email ID
Aerospace	Future Trends and Developments in Aerospace	31/10/2017	asdb@ieindia.org
Architectural	Architectural Innovations	31/10/2017	ar db@ieindia.org
Chemical	Safety and Security in Chemical Industry	31/10/2017	chdb@ieindia.org
Civil	Development of State and National Highways in India	31/10/2017	cvdb@ieindia.org
Computer	Role of IoT in Make in India	30/11/2017	cpdb@ieindia.org
Electrical	Grid Management in a Multiple Energy Resources Scenario	30/11/2017	el db@ieindia.org
Electronics & Telecom.	Recent Trends in Mechatronics for Sustainable Development in Engineering Applications	30/11/2017	etdb@ieindia.org
Environmental	Challenges & Opportunities in Meeting the Environmental Norms	31/10/2017	endb@ieindia.org
Marine	Inland Water Transport—Challenges and Opportunities	31/10/2017	mrdb@ieindia.org
Metallurgical & Materials	New Generation Composite Material	30/11/2017	mmdb@ieindia.org
Mining	Slope Stability in Mine	30/11/2017	mn db@ieindia.org
Production	Excellence in Manufacturing	31/10/2017	prdb@ieindia.org



# IEI – Springer Journal Series

## Series A: Civil, Architecture, Environment, Agriculture

URL: <http://link.springer.com/journal/40030>

### Editor-in-Chief:

Prof K Ramamurthy, Department of Civil Engineering, IIT Madras

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Prof R G Robinson, Department of Civil Engineering, IIT Madras, Chennai

Prof Siva Sivakugan, College of Science & Engineering, James Cook University, Australia

Prof Rajesh Srivastava, Department of Civil Engineering, IIT Kanpur

Prof (Ms.) Suparna Mukherji, Centre for Environmental Science and Engineering, IIT Bombay

Prof T I Eldho, Department of Civil Engineering, IIT Bombay, Mumbai

Prof S C Dutta, Department of Civil Engineering, Indian School of Mines Dhanbad

Dr (Ms.) Lelitha Devi V, Department of Civil Engineering, IIT Madras, Chennai

Prof S Dutta Gupta, Department of Agricultural and Food Engineering, IIT Kharagpur

Dr S N Jha, Indian Council of Agricultural Research, New Delhi

Dr E Rajasekar, Department of Architecture and Planning, IIT Roorke



ISSN Print: 2250-2149  
ISSN Online: 2250-2157



ISSN Print: 2250-2106  
ISSN Online: 2250-2114

## Series B: Electrical, Computer and Electronics & Telecommunication

URL: <http://link.springer.com/journal/40031>

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Prof. P. P. Das, Department of Computer Science & Engineering, IIT Kharagpur

### Associate Editors:

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Prof. Debaprasad Kastha, Dept. of Electrical Engg., IIT Kharagpur

Dr. Siva Kumar K, Dept. of Electrical Engg., IIT Hyderabad



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## Series C: Mechanical, Production, Marine, Aerospace

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### Editor-in-Chief:

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### Associate Editors:

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Dr. N. C. Murmu, CMERI, Durgapur

Prof. Amitava De, Dept. of Mech. Engg., IIT Bombay

Prof. U. S. Dixit, Dept. of Mech. Engg., IIT Guwahati

Dr. B. K. Saxena, Principal, Tolani Maritime Inst., Pune

Prof. A.K. Agarwal, Dept. of Mech. Engg., IIT Kanpur



ISSN Print: 2250-2122  
ISSN Online: 2250-2130

## Series D: Metallurgical & Materials and Mining

URL: <http://link.springer.com/journal/40033>

### Editor-in-Chief:

Prof. N. R. Bandyopadhyay, School of Materials Science & Engineering  
Indian Institute of Engineering Science and Technology, Shibpur

### Associate Editors:

Prof. Shubhabrata Dutta, SRM University, Chennai

Prof S. P. Banerjee, Indian School of Mines, Dhanbad



ISSN Print: 2250-2483  
ISSN Online: 2250-2491

## Series E: Chemical, Textile

URL: <http://link.springer.com/journal/40034>

### Editor-in-Chief:

Prof. A. R. Balakrishnan

Dept. of Chemical Engg., IIT Madras

### Associate Editor:

Dr. Abhijit Majumdar, Dept. of Textile Technology, IIT Delhi

# MEMBERS' SPEAK

Thank you. You and your team are doing a very fine job in bringing out the publications and awards etc of members. I would request you to also invite members to inform their status of research work on topics of fundamental nature and/or of great social applications in engineering field. I think very few works reported so far are of real fundamental types. If I am wrong (as I have not seen all publications) I may be excused.

**Prof. Rai Sachindra Prasad, FIE**

*Former Professor, Electrical & Electronics Engineering,  
Graphic Era University, Dehradun, Uttarakhand*

I am feeling glad to receive e-newsletter titled Epitome for last two months June and July 2017. It will endeavour for upcoming skills in the respective technical fields and will give a platform for interactions. Thank you.

**Mr. Manoj Kr. Bhattacharyya, MIE**

The privilege of a lifetime is being member of IEI. Every day, I tell at least one person something about IEI and IEI Epitome, that I like & admire.

**Mr. T. Sreevinoth, MIE**

*COM, Bengaluru, LIVSPACE.COM*

My appreciation to all the members of the IEI newsletter team in bringing out the more valuable a nice e-newsletter with good details. It is quite interesting and useful to all the members of IEI. I would like to add a small suggestion to the editorial team to consider giving the e-mail id and contact address and phone nos. of all the persons (authors of papers, awardees, etc.) you are publishing in the newsletter. This will be useful for the members to contact those persons seeking additional information whenever needed from the respective persons.

**Mr. P. Kothandaraman, FIE**

*Deputy General Manager (Retd.), BHEL, Tiruchirapalli  
Former Honorary Secretary, IEI Tiruchirapalli Local Centre*

We should increase our activities and interaction among members, IIT/NIT, other Institutions and Industry and Government specially in Technology and Engineering to make IEI as a prominent institution in India and abroad.

**Mr. A. K. Gupta, MIE**

*Director, Steamline Infra Projects Pvt. Ltd.,  
Malad (W), Mumbai, Maharashtra*

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**IEI** epitome

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