



# Epitome

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# Members *in the News*

## **Prof. Dr. S. R. Kumbhar, MIE**

*Assistant Professor, Automobile Engineering Department  
Rajarambapu Institute of Technology,  
Rajaramnagar, Maharashtra*

Received Ph.D. (Mech.) degree from Indira Gandhi National Open University, New Delhi in April 2018 in Mechanical Engineering for the thesis titled "Theoretical and experimental investigation of controlling structure-borne noise and vibrations in automobiles using magneto-rheological elastomers".



## **Mr. P T Raghuram, FIE**

*Senior Scientific Officer (F), Chemical Engineering  
Department, Indian Institute of Science, Bangalore*



Attended the Advanced Chemical Security Workshop sponsored by U S Department of State Chemical Security Program, conducted by the Oak Ridge National Laboratory (ORNL), Gujarat Chemical Association, and Pandit Deendayal Petroleum University (PDPU) during January 21-24, 2018.

## **Dr. M.D. Mathew, FIE**

*Principal, Saintgits College of  
Engineering, Kerala*

Selected as Program Evaluator of American Accreditation Board for Engineering and Technology (ABET) with effect from May 29, 2018.



## **Mr. S. Krishna Kumar, FIE**

Selected as Distinguished Visiting Professor by Indian National Academy of Engineering for a period of 5 years on February 12, 2018.

## **Dr. Punith Kumar M.B, AMIE**

*Associate Professor, PESCE, Mandya, Karnataka*

Acted as a Reviewer for The International Conference & Workshop on Telecommunication, Computing, Electronics and Control (ICW-TELKOMNIKA 2018) which will be held during September 18-21, 2018 at Grand Dafam Rohan Hotel, Yogyakarta, Indonesia



## **Dr. Pushan Kumar Dutta, MIE**

● Received "Best Researcher Award for the year 2018" at the 73rd International Conference on Future Trends in Engineering and Business & IOSRD Research Awards 2018 meet on May 25 & 26, 2018 at Chennai from International Organization of Scientific Research and Development, India.



● Received "Young Research in Excellence Award" for contribution in the field of Electronics and Communication Engineering from Cosmic Awards 2018 at the 4th International Conference on Advancements in Engineering, Technology and Management (AETM, 2018) held in Bangkok, Thailand on 6th June, 2018.

● Received "Lifetime Membership Certification as a Senior Member" for Research work from International Society for Research and Development.

## **Mr. R. Kousik Kumar, AMIE**

*Assistant Professor, Aeronautical Engg,  
Nehru Institute of Engineering &  
Technology, Coimbatore*



Elected as the Editorial Board Member of the Journal 'Advances in Aerospace Science and Applications (AASA)', Research India Publications.

## **Mr. Narender Singh, MIE**

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

Received Commendation Certificate-2016 (Award for Best Paper for author below 35) by Indian Buildings Congress on 23/12/2017 for the paper titled "Septic Tank System : A Threat to the Environment" presented in Mid Term Session and National Seminar on "Environment Preservation in Sustainable Development" at Chandigarh on 7th & 8th April 2017.



# Members

# in the News

## **Mrs. Mahadevi S. Banad, MIE**

*Selection Grade Lecturer, Department of E & E, B.V.V.S.Polytechnic (Autonomous), Bagalkot*

Received ISTE Best Polytechnic Teacher Award at 47th ISTE Convention, held at Saintgits College of Engineering, Kottayam (Kerala) on 27-1-2018 from Dr. Vijay P. Bhatkar, Vice Chancellor, Nalanda University and Prof. P.K. Desai, President ISTE.



## **Dr. G. Sudheer Kumar, AMIE**

*Defence Institute of Advanced Technology, Pune*



Received Doctorate of Philosophy on the topic "Polymer/carbon nanotube nanocomposites for electromagnetic interference shielding and strain sensing applications" on 25th May 2018 from Defence Institute of Advanced Technology (DIAT) Pune, Ministry of Defence, Govt. of India.

The degree was conferred by Dr. S. Christopher, Hon'ble Secretary, Department of Defence R& D, Chairman, DRDO, and Chairman - Governing Council of DIAT and Dr. Hina A. Gokhale, Hon'ble Vice Chancellor of DIAT.

## **Dr. V.Muthukumar, FIE**

*Professor, Department of Mechanical Engineering, Saveetha Engineering College, Chennai, Tamilnadu.*

Invited guest lecture delivered on 31/05/2018 at Faculty Development Training Programme (FDTP) on "ME6503 – Design of Machine Elements" organized by the Department of Mechanical Engineering, King's Engineering College, Chennai.



## **Dr. R. Vijay, AMIE**

*Associate Professor, Department of Electrical and Electronics Engineering, CVR College of Engineering, Vastunagar, Hyderabad*

Delivered a Guest Lecture on the Topic "Basics of Optimization Techniques in Engineering" at BHEL, Trichy at an was organized by The Institution of Engineers (India), Tiruchirapalli Centre on 2.5.2018.



## **Dr. M. Manikandan, AMIE**

*Professor E.E.E., Jyothishmathi Institute of Technology and Science Nustulapur, Karimnagar, Hyderabad, Telangana*

Received Ph.D degree on 31st May, 2017 from Anna University, Chennai in Faculty of Electrical Engineering for the thesis titled "Voltage Sag Compensation using Optimal Controllers for Power Quality Applications".



## **Mr. Swapnil S. Desai, MIE**

*Navi Mumbai Municipal Corporation.*



Participated in WATMAN 2018 International Conference on 'Advances in Water & Wastewater Treatment for Sustainable Future' held on 9-10 February 2018 at Le Royal Meridien Chennai.

Attended 12th International Conference on Water and Waste Management 'Water Expo 2018' held during 8-10 February 2018 at Chennai Trade Center, Nandambakkam, Chennai.

Completed course on 'Best Practices in Design & Implementation of Solar Power Plant with an Overview of Technique in Energy Yield Estimation/Forecasting' on 14th April 2018 at Renew X, HITEX Hyderabad.

## **Dr. Pranjal Kumar Phukan, MIE**

*Certified Management Teacher, Resource person to Entrepreneurship Development Cell, Kaziranga University Assam*



Received Economic Time Case Award from Flame University Pune during 4th Flame International Conference on Research and Teaching Cases held on June 21-22, 2018 for my paper on "Supply Chain Optimization Approaches of Petrochemical Industries: A Study".

# Publications

## by Members

**Dr. Priti Maheshwary, AMIE**  
AISECT University, M.P.(India)

**Title of Paper:** “Adopting Cyber Security Practices in Internet of Things: A review”, *Proc. SPIE 10643, Adopting Cyber Security Practices in Internet of Things: a review, 1064305* (3 May 2018); <https://doi.org/10.1117/12.2304704>



Co-authors : Timothy Malche, Christos Greeos, Mukul Shirvaikar

**Title of Paper :** “Blind Image Sharpness Metric based on Edge and Texture Features”, *Proceedings of Real-Time Image and Video Processing 2018, vol. 10670, 1067004* (2018); <https://doi.org/10.1117/12.2304701>. Event: SPIE Commercial + Scientific Sensing and Imaging, 2018. Orlando, Florida, United States.

Co-authors: Mukul Shirvaikar, Christos Crecos

**Smt. Hema Malini B.H., FIE**

Associate Professor, Dept. of CSE, BMS Institute of Technology & Management, Yelahanka, Bangalore



**Title of Paper:** “Data Mining in Higher Education System and the Quality of Faculty Affecting Students Academic Performance: A Systematic Review”, *International Journal of Innovations & Advancement in Computer Science. (IJIACS) Volume 7, Issue 3, March 2018, ISBN: 978-93-87433-14-4, ISSN 2347–8616.*

Co-author : L Suresh

**Mr. Nimish Kumar Srivastava, AMIE**

Senior Research Fellow, Department of Electronics Engineering, IIT(ISM), Dhanbad

**Title of Paper:** “Theoretical and Experimental Study of Arbitrary Microwave Signal Generation through LiNbO<sub>3</sub> MZI”, *Optik-International Journal for Light and Electron Optics, Vol. 158, PP. 571-584 Issue : March 2018* D O I : [10.1016/j.ijleo.2017.08.073](https://doi.org/10.1016/j.ijleo.2017.08.073).



Co-author : Sanjeev Kr. Raghuwanshi

**Dr. Bhupendra Gupta, MIE**

Assistant Professor, Department of Mechanical Engineering, Jabalpur Engineering College, Jabalpur, (M.P.)

**Title of Paper:** “Experimental and CFD Analysis of Solar Air Heater with Rectangular Shaped Hollow Bodies”, *2nd International Conference on Green Energy and Applications (IGCEA-2018), at Nanyang Technological University, (NTU), Singapore on March 24-26, 2018, Proceedings online available in IEEE-explore link: <https://ieeexplore.ieee.org/document/8356303/> DOI: 10.1109/ICGEA.2018.8356303*



Electronic ISBN: 978-1-5386-5236-7

Print ISBN: 978-1-5386-5234-3

**Dr. V. Manivasagan, MIE**

Professor, Department of Biotechnology, Adhiyamaan College of Engineering, Hosur.

**Title of Paper:** “Demonstration of Anti-Inflammatory and Metabolic Stability Assay of *Andrographis Paniculata*”. *International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 6, no.5, May 2018, PP.1449-1455.*



Co-authors : Manikandan. K , Barathi. R , Ashok. G , Ramesh Babu. N.G and Karthikeyan. S

**Prof. (Dr.) Vijayan Gurumurthy Iyer, FIE**

A-2/31, Kendriya Vihar-II, Paruthipattu, Avadi, Chennai

**Title of Paper:** “Total Quality Management (TQM) or Continuous Improvement System (CIS) in Education Sector and its Implementation Framework Towards Sustainable National Development”, *International Conference on Education Reform and Management Science (ERMS2018) held during April 22-23, 2018 in Beijing, China pp.1-2 and as General Chair of ERMS2018-China, <http://www.erms2018.org> Publication by Atlantis Press (Print) book entitled “Advances in Social Science, Education and Humanities Research ”(ISSN 2352-5398). ISBN 978-94-6252-524-5.*



# Publications

## by Members

### Dr. K. Mallikarjuna, MIE

Head & Professor, Department of Mechanical Engineering, G.Pullaiah College of Engineering and Technology, Kurnool, AP

**Title of Paper:** "Integrated Scheduling of Ladder Layout Design in Flexible Manufacturing System using Non Traditional Optimization Techniques", *International Conference on Advancements in Aeromechanical Materials for Manufacturing held at MLRIT Hyderabad, Materials Today, Proceedings (Elsevier Ltd) (2017) 8069–8078, Volume 4, Issue 8, 2017, <https://doi.org/10.1016/j.matpr.2017.07.146>*



**Title of Paper :** "A Sheep Flock Heredity Algorithm for Optimum Design of Ladder Layout with Integrated Scheduling : An Approach of Metaheuristic", *International Conference on Energy Communication, Data Analytics and Soft Computing (ICECDS 2017) held at SKR Engg College, Poonemalle, Chennai.*

**Title of Paper :** "Performance Evaluation of Indigenous Solar Cooker for Cooking on Different Receivers", *International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333 December 15-16, 2017.*

<http://www.ijtrd.com/papers/IJTRD13498.pdf>

### Ms. Geetha Megharaj, MIE

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



**Title of Paper:** "Server Consolidation through Virtual Machine Task Migration to achieve Green Cloud", *International Journal of Computer Science and Information Security*, ISSN 1947 5500, IJCSIS March 2018, Volume 16 No 3, PP.80-84.

Co-Author : Dr. Mohan G. Kabadi

### Mr. M. M. Agarwal, FIE

Former Chief Engineer, N.Rly

**Title of Paper:** "Action Plan to Reduce Railway Accidents on Indian Railways Some thoughts for Consideration", *Indian Railways*, PP 58-59, February 2018.



### Mr. Shibin Panicker, AMIE

M.Tech in Structural Engineering, Sree Buddha College of Engineering, Alappuzha, Kerala

**Title of Paper:** "Flexural Strength of Reinforced Concrete Beams with Web Openings and Strengthened with GFRP Laminate", *Proceedings of Second International Conference on Frontiers in Engineering, Applied Science and Technology (FEAST 2018), National Institute of Technology, Tiruchirappalli, Vol. 03, PP. 1-8, Year 2018.* ISBN 978-81-908388-6-3.

Co-author : Indu V S



### Dr. Dip Prakash Samajdar, AMIE

Assistant Professor, Department of ECE, PDPM, IITDM, Jabalpur

**Title of Paper:** "Theoretical Studies on Band Structure and Optical Gain of GaInAsN/GaAs Cylindrical Quantum dot", *Superlattices and Microstructures* (Elsevier), Vol. 119, pp 103 - 113 (July 2018) <https://doi.org/10.1016/j.spmi.2018.04.043>.



Co-authors: I. Mal and A. John Peter

**Title of Paper :** "Analytical Modelling of Organic Solar Cells with Scattering Interface", *Optik International Journal for Light and Electron Optics* (Elsevier), Vol. 168, pp. 747-753 (Sept 2018) <https://doi.org/10.1016/j.ijleo.2018.05.004>.

Co-authors: I. Mal, A. Hazra and T. D. Das

### Dr. P. Shanmugasundaram, FIE

Professor and Head, Department of Mechanical Engineering, Karpagam Academy of Higher Education, Coimbatore

**Title of Paper:** "Heat Treatment of Aluminum Alloys". Reference Module in Materials Science and Materials Engineering 2018. pp. 1-4. doi:10.1016/B978-0-12-803581-8.03374-9

Co-author : Dahle Arne K



# Publications

## by Members

### Dr. Santanu Das, MIE

Associate Professor, Electrical Engineering Department, Jalpaiguri Government Engineering College, Jalpaiguri

**Title of Paper:** "Diagnosis of Power Quality Events based on Detrended Fluctuation Analysis", *IEEE Transactions on Industrial Electronics*, Volume: 65, Issue: 9, Sept. 2018, PP : 7322 - 7331, January 23, 2018, DOI: 10.1109/TIE.2018.2795559.



**Title of Paper :** "Earthing Grid Designs for Heterogeneous Soil Structures in Hilly Regions using Current Simulation Method", *IET Generation, Transmission & Distribution*, Volume: 12, Issue: 12, 7 10 2018, PP 3021 - 3027, DOI: 10.1049/iet-gtd.2017.1404.

Co-author(s): D Mondal, S Dey and AK Pradhan

### Dr. Nirmal Kumar Rout, MIE

Professor, School of Electronics Engineering, KIIT University, Bhubaneswar, Odisha



**Title of Paper:** "PSO based Adaptive Narrowband ANC Algorithm Without the use of Synchronization Signal and Secondary Path Estimate", *Mechanical Systems and Signal Processing*, Vol: 114, pp: 378-398, January 2019 <https://doi.org/10.1016/j.ymssp.2018.05.018>.

Co-authors : Debi Prasad Das and Ganapati Panda

### Dr. Punith Kumar M. B., AMIE

Associate Professor, PESCE, Mandya, Karnataka

**Title of Paper:** "Text Independent Handwriting Classification using Line and Texture Based Features". 2018 International Conference on ISMAC in Computational Vision and Bio – Engineering organized by SCAD Institute of Technology during 16-17, May 2018 at Palladam Tamilnadu, India.



### Dr. R. Vijay, M.I.E

Associate Professor, Department of Electrical and Electronics Engineering, CVR College of Engineering, Vastunagar, Hyderabad

**Title of Paper:** "Quorum Sensing Driven Bacterial Swarm Optimization to Solve Practical Dynamic Power Ecological Emission Economic Dispatch", *International Journal of Computational Methods*, Vol.15, No. 03, 2018. <https://doi.org/10.1142/S0219876218500895>



**Title of Paper :** "Optimal and Stable Operation of Microgrid Using Enriched Biogeography Based Optimization Algorithm", *Journal of Electrical Engineering*, Vol.17, No.4, pp.1-11, 2018.

### Mr. Rahul Rakshe, AMIE

Master of Engineering Student, Shreeyash College, of Engineering and Technology, Aurangabad, Maharashtra



**Title of Paper:** "Incremental Dynamic Analysis and Static Pushover Analysis of Existing RC Framed Structure using Seismostruct Software", *International Journal of Advance Research Ideas and Innovations in Technology*, Vol-4, Issue-2, pp. 2088-2101, Published in March-April, 2018.

Co-author : Dr. Uttam Kalwane

### Mr. Ramesh Surisetty, AMIE

Civil Engineering Department, Coastal Institute of Technology & Management, Andhra Pradesh

**Title of Paper:** "Designing of a Traffic Signalling System at T-Intersection", *International Journal of Engineering Research and Application*, IJERA, Vol. 7, Issue 4, ( Part -3 ), pp.82-86, April 2017.

Co-Author : Soma N Sekhar



**Title of Paper :** "Design of a Duplex House by using STRUD Software", *American Journal of Engineering Research (AJER)*, Volume-6, Issue-4, pp. 223-229, May, 2017.

# Publications

## by Members

### Dr. B. K. Sakhale, MIE

Associate Professor, University Department of Chemical Technology (UDCT), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra



**Title of Paper:** "Enzyme Application for Reduction of Acrylamide Formation in Fried Potato Chips", *Current Research in Nutrition and Food Science Journal*, Vol. 6, Issue 1, pp 222-226, 2018, DOI : <http://dx.doi.org/10.12944/CRNFSJ.6.1.25>.

Co-authors : Dange V.U., Giri N.A

**Title of Paper:** "A Potential Review on Millet Grain Processing". *International Journal of Nutritional Science* 3(1): 1018, 2018.

Co-authors : Kulkarni D.B., Giri N.A.

**Title of Paper:** "Sweet Sorghum Syrup - An Alternative Sweetener for Preparation of Sesame Chikki", *Journal of Food, Nutrition and Packaging*, Vol. 05, PP. 07-13, 2018.

Co-authors : Kulkarni D.B., Deshpande H.W.

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### Dr Nalin Kant Mohanty, FIE

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

**Title of Paper:** "Data mining-based High Impedance Fault Detection using Mathematical Morphology", *Computers and Electrical Engineering*, Volume 69, June 2018 pp 129-141. <https://doi.org/10.1016/j.compelecen.2018.05.010>



Co-author: Mr. Kavaskar Sekar

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### Mr. Prabir Datta, FIE

Visiting Faculty, Indian Maritime University, Kolkata Campus



**Title of Paper:** "Corrosion of Structural Steel in Coastal Area and the Remedial Measures", *Proceeding booklet of National Infrastructure and Port Conference, held on 8th June, 2018 at Ahmedabad, India. PP 52-56.*

### Mr. Subhendu Bikash Santra, AMIE

KIIT University, Odisha

**Title of Paper:** "An Isolated Soft Switched Boost DC-DC Converter with Low Voltage Stress and High Step-Up Ratio", *ET Journal of Engineering*, Vol 2018, Issue 5, May 2018, pp 316-322, doi:10.1049/joi.2018.0072.

Co-authors : Kundan Kumar, Srikant Mohapatra, Debashis Chatterjee



**Title of Paper :** "Closed Loop Control of a New Non-Isolated Quadratic Boost Converter", *2017 IEEE International Conference on Communication and Signal Processing (ICCSP-2017)*, Department of Electronics and Communication Engineering, Adhiparasakthi Engineering College, Melmaruvathur-603319, Date: 6-8 April 2017.

Co-author : Mukesh Kumar Sahu

**Title of Paper :** "Modelling of a High Step up DC – DC Converter based on Boost-Flyback-Switched Capacitor", *2017 IEEE Calcutta Conference (CALCON)*, Kolkata, India, 2017, ISBN : 978-1-5386-3744-9, Jadavpur University, Kolkata. Date: 2-3 Dec. 2017.

Co-authors : R. Choudhury, S. Dhara and B. Nayak

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### Mr. G. S. Samy, AMIE

Assistant Professor, Department of Automobile Engineering, Kalasalingam University, Krishnankoil, Tamilnadu

**Title of Paper:** "An analysis of end milling performance on B4C particle reinforced aluminum composite", *Journal of the Australian Ceramic Society*, (2017) 53: 373 1-11, [ DOI: 10.1007/s41779-017-0046-6]

Co-Authors : S. Thirumalai Kumaran and M.Uthayakumar



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### Mr. Dayananda Shetty K, MIE

New Mangalore Port Trust

**Title of Paper:** "Measuring port performance and productivity", *ISH Journal of Hydraulic Engineering*, DOI: 10.1080/09715010.2018.1473812

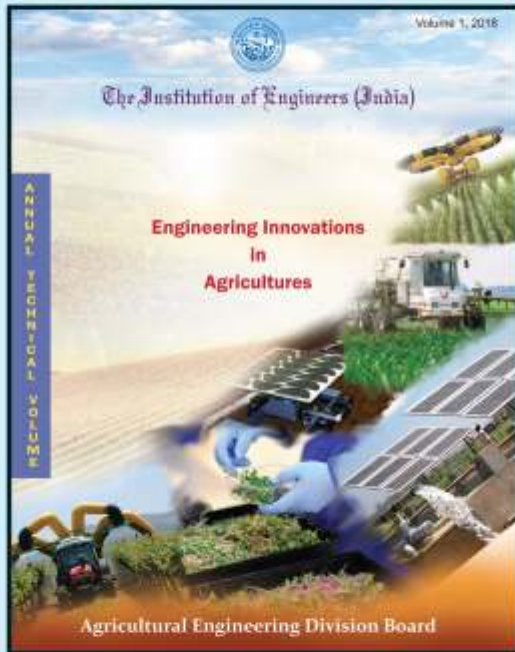
Co-author : Dr. G. S. Dwarakish



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## Agricultural Engineering Division Board

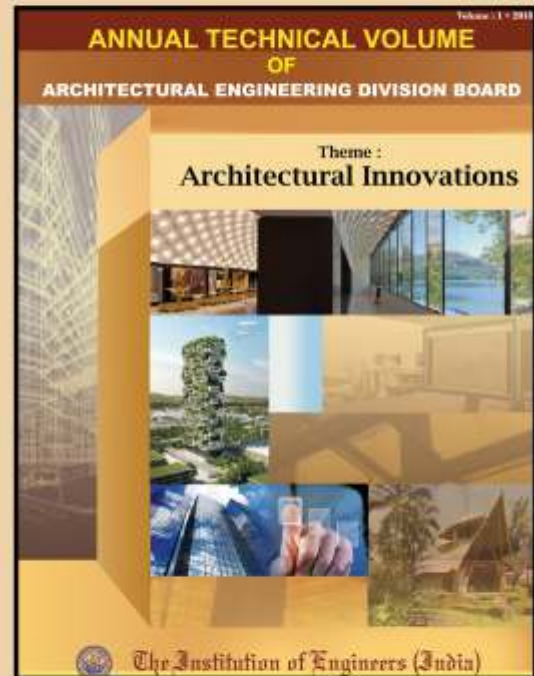
Theme: "Engineering Innovations in Agricultures"



ISBN: 978-81-936149-4-5

<https://www.ieindia.org/webui/IEI-Publication.aspx#annual-technical-volume>

## Architectural Engineering Division Board

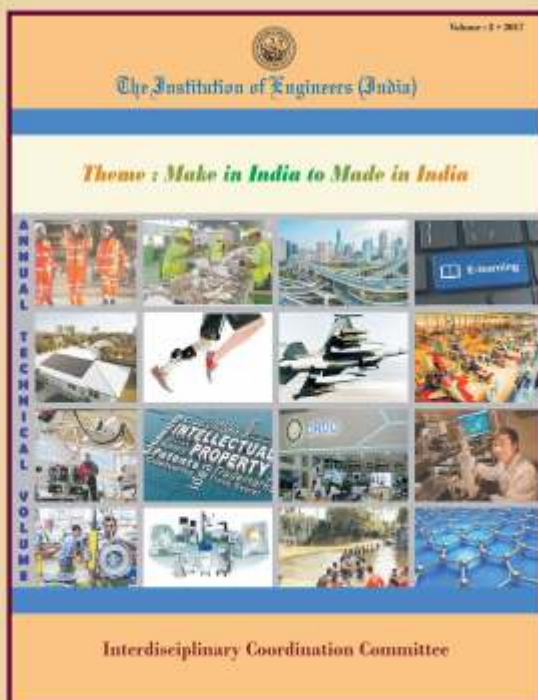


ISBN: 978-81-936149-2-1

<https://www.ieindia.org/webui/IEI-Publication.aspx#annual-technical-volume>

## Interdisciplinary Coordination Committee

Theme: "Make in India to Made in India"

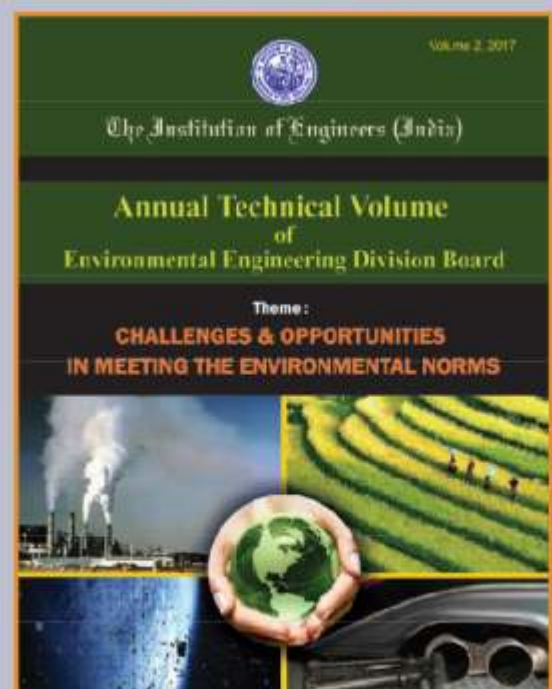


ISBN: 978-81-936149-3-8

<https://www.ieindia.org/webui/IEI-Publication.aspx#annual-technical-volume>

## Environmental Engineering Division Board

Theme: "Challenges & Opportunities in Meeting the Environmental Norms"



ISBN: 978-81-936149-1-4

<https://www.ieindia.org/webui/IEI-Publication.aspx#annual-technical-volume>

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## Annual Technical Volumes of Engineering Divisions (Printed + online)

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Architectural Engineering Division	Chemical Engineering Division
Civil Engineering Division	Computer Engineering Division
Electrical Engineering Division	Electronics & Telecommunication Engineering Division
Environmental Engineering Division	Marine Engineering Division
Mechanical Engineering Division	Metallurgical and Materials Engineering Division
Mining Engineering Division	Production Engineering Division
Textile Engineering Division	Interdisciplinary Coordination Committee

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Inside Full Page	16.8 cm (width) x 22.6 cm (height)	Colour	20,000
Inside Full Page	16.8 cm (width) x 22.6 cm (height)	B/W	15,000
Inside Half Page	16.8 cm (width) x 11.3 cm (height)	B/W	8,000



## 33<sup>rd</sup> INDIAN ENGINEERING CONGRESS

Udaipur, December 21-23, 2018

Theme:

**Integration of Technologies: Emerging Engineering Paradigm**

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

Hosted by: **Udaipur Local Centre**

Contact : Organising Secretary, 33rd Indian Engineering Congress, The Institution of Engineers (India), Udaipur Local Centre  
128 Hiran Magri, Sector 11, Near Seva Charitable Hospital, Udaipur 313002  
E-mail: [udaipuric@ieindia.org](mailto:udaipuric@ieindia.org)

# Books authored by Members

## Mr. M. M. Agarwal, FIE

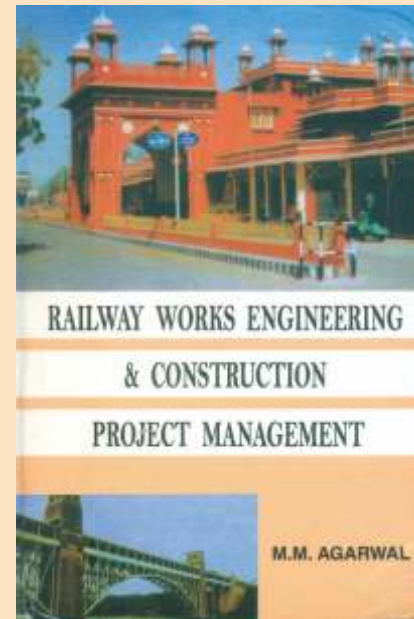
*Former Chief Engineer, Northern Railway*

*Publisher : Prabha & Co*

## Railway Works Engineering & Construction Project Management

The 5th revised & enlarged edition (2018) of the book 'Railway Works Engineering & Construction Project Management-Design, Construction & Maintenance has 27 updated chapters comprising about 1150 pages with 350 Drawings & illustrations and 30 useful Tables & Charts for field engineers.

The book covers almost all aspects of Works & Bridge Engineering, which a civil engineer in Railways normally requires for his day to day working. The revised edition also covers essentials of construction project management like CPM & PERT etc to keep the readers apprised about these new methodologies to plan and manage construction projects. The chapter on construction project management will be of great use to Railway Engineers for better planning of construction works in Indian Railways particularly when as it is going ahead in a big way on laying of new lines & fast paced construction .



## IEI Industry Excellence Award 2018

### Request for Participation

The IEI Industry Excellence Award has been instituted to recognize industry leaders for their innovation, excellence in engineering operations and thereby, to lead their industry in competitive manner. The benchmarks created by the industries in India have included productivity, quality, safety and performance assurance thereby giving India the rightful place in the global markets. Realizing that such industries can provide the leadership to a large number of other industries in the country, it has been considered appropriate by the IEI Council to institute the IEI Industry Excellence Awards in the year 2008.

Applications in specified format (visit link: <https://www.ieindia.org/webui/IEI-Activities.aspx#industry-excellence-award>) are invited from prospective applicants for IEI Industry Excellence Award 2018. The last date of receipt of application for the Award 2018 is August 31, 2018. Interested applicants are requested to send their applications (5 hard copies & 1 soft copy in CD) to the below mentioned address.

The Director [Technical]

The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700 020

# 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
Agricultural	Advances in Agricultural Engineering	31/07/2018	agdb@ieindia.org
Civil	Development of State & National Highways in India	31/07/2018	cvdb@ieindia.org
Interdisciplinary	Advances in Bio-engineering and Biotechnology	31/07/2018	icc@ieindia.org

## IEI AWARDS

The Steel Authority of India Ltd (SAIL) had instituted two Awards, namely, SAIL AWARD and DR M VISVESVARAYA AWARD to be given away every year during the Indian Engineering Congress to author/s of the articles adjudged best on selected topics. The topics for the year 2018 are given hereunder.

### SAIL AWARD

**'Emerging Trends in Slag Management in Steel Industry '**

### DR M VISVESVARAYA AWARD

**'Managing the Logistics Cost to Reduce the Cost of Crude Steel Production'**

The Coal India Ltd (CIL) had instituted an Award to perpetuate the memory of Late J G Kumaramangalam, its first Chairman to be awarded every year during the Indian Engineering Congress to author/s of the articles adjudged best on a selected topic. The topic for the year 2018 is given below.

### COAL INDIA (J G KUMARAMANGALAM MEMORIAL) AWARD

**'A Realistic Glimpse into India's Energy Security in Foreseeable**

**Future. Can Renewable Alternatives Really Push Aside Coal from its High Energy Pedestal ?'**

Intending contributors are requested to submit their articles (visit <https://www.ieindia.org/webui/IEI-Publication.aspx> for guidelines) in quadruplicate to Director (Technical), The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700 020 by **August 17, 2018**.

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