

**IEI**

*epitome*

July 2016, Volume 1, Number 6

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# Members in the News



**Dr Mula Venkata Ramana Reddy, FIE**

*Proprietor of the Company 'Indo Electrosat'*

After, three years of steadfast efforts, the company could indigenously design, develop and manufacture Solenoid Valve which is used in Advanced Light Helicopters. The Company received Production Order from the HAL, Bangalore to this effect. This Company is second to manufacture this component (manufacture year 2016) in the Globe. Provisional Clearance is Provided By: CEMILAC, Ministry of Defence (R&D), Govt. of India (P/N: IE1054).



**Dr Abhay Wagh, FIE**

*Director  
Maharashtra State  
Board of Technical  
Education (MSBTE),  
Mumbai*

Conducted four projects of MSBTE: 1. E-Marksheet System, 2. Online Verification & Reassessment System, 3. Online Enrollment and Online Examination Form Filling System and 4. Online Academic Monitoring System which have been rated amongst the 'Top 21 Education & Skill Development Projects in India' for the year 2015 and have been awarded with "Skoch Order of Merit Award" at the 41st Skoch Summit organized by Skoch Group, New Delhi, held during September 22-23, 2015.

**Dr M Amala Justus Selvam, FIE**

*Prof & Head, Department of  
Automobile Engineering Vel  
Tech Dr.RR & Dr.SR Technical  
University, Chennai*



Received Outstanding Team Award, in the International Student Car Competition held during May 27-28, 2016 at Korean Automotive Testing and Research Institute (KATRI), South Korea under his guidance. 55 teams from across the globe participated in the competition.

**Mr Mahendra Kumar Mathur, FIE**

*Chairman  
The Institution of Engineers (India),  
Udaipur Local Centre, Udaipur*



Acted as one of the judges for the Regional Science Fair at Bakersfield, California held on 15th March 2016 where 750 participating students with over 200 judges were present. His work for the same was well appreciated for which a letter was received from Kern County Science Foundation.



**Mr Prabir Kumar Bhattacharjee, MIE**

*Sr. Manager - QA/QC in Larsen & Toubro Limited*

There is an online education system for L&T staffs known as ATL (Any Time Learning). Successfully completed following three courses through ATL:

1. Project Management, 2. Six Sigma, 3. Value Engineering



**Dr Ramakrishna Akula, MIE**

Won ENOC Elite Award 2015 as a distinguished professional employee in Emirates National Oil Company Group, Dubai. ENOC Elite Award is a prestigious award intended for professional employees in ENOC group (Emirates National Oil group Companies). ENOC is an integrated oil company owned by DUBAI government, having more than 35 subsidiaries. This award is one of the top most individual employee recognition. Group CEO presents this award to the winners in award ceremony.

# Members in the News



**Mr Abhinav Anand, AMIE**

Attended Multimodal Logistics Summit and Supply Chain Summit... Strengthening for Make in India in Mumbai during May 19-20, 2016. Also became Graduate Member of Association of MBA's (AMBA).

**Dr B Karuna Kumar, MIE**

*Professor, Mechanical Engineering & Dean Planning & Monitoring, Gudlavalleru Engineering College, Gudlavalleru, Krishna Dist, Andhra Pradesh.*

Awarded Ph.D Degree, for his thesis entitled "Mathematical Modelling and Analysis of Centralized and De-Centralized Multi-Echelon Inventory Systems Under Price Dependent Demand Variations" by Vellore Institute of Technological University, Vellore on 29.02.2016. Dr. Kumar completed his sections A & B examinations of IEI in Mechanical Engineering and further pursued M.Tech in Advanced Manufacturing Systems at Jawaharlal Nehru Technological University, Hyderabad.

**Mr Vinod Kumar, MIE**

*Engineer (M), Hard Coating Facility, Power House Maintenance Department, NJHPS, SJVN Ltd., Jhakri*



Invited to attend International Conference organized by Power-Gen India & Central Asia 2016 held at New Delhi during May 18-20, 2016 where his paper titled "HVOF Coatings-A Boon for Hydro Power Plant, A case study" has been published in Conference Proceedings.



## IEI – Springer Journal



Online paper submission :  
[www.editorialmanager.com/ieia](http://www.editorialmanager.com/ieia)  
ISSN Print : 2250-2149  
ISSN online : 2250-2157



Online paper submission :  
[www.editorialmanager.com/ieib](http://www.editorialmanager.com/ieib)  
ISSN Print : 2250-2106  
ISSN online : 2250-2114



Online paper submission :  
[www.editorialmanager.com/ieic](http://www.editorialmanager.com/ieic)  
ISSN Print : 2250-0545  
ISSN online : 2250-0553



Online paper submission :  
[www.editorialmanager.com/ieid](http://www.editorialmanager.com/ieid)  
ISSN Print : 2250-2122  
ISSN online : 2250-2157



Online paper submission :  
[www.editorialmanager.com/ieie](http://www.editorialmanager.com/ieie)  
ISSN Print : 2250-2483  
ISSN online : 2250-2491

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**Dr K Mallikarjuna, MIE**

*Department of Mechanical Engineering, G.Pullaiah College of Engineering and Technology Kurnool, Andhra Pradesh*

**1. Title of Paper:** "A New Meta-Heuristics for Optimum Design of Loop Layout in Flexible Manufacturing System with Integrated Scheduling", *International Journal of Advanced Manufacturing Technology*, DOI 10.1007/s00170-015-7715-9, Vol 81, No.1-4, August 11, 2015, Springer Verlag London.

**2. Title of Paper:** "Optimization of Open Field Layout in FMS with Scheduling as Constraints – An Approach of Evolutionary Algorithm and Trajectory based Method", *International Conference on Technological Innovation in Mechanical Engineering*, Chaitanya Bharathi Institute of Technology, Hyderabad, February 10-11, 2016.

**3. Title of Paper:** "A Population based Metaheuristics for Optimum Design of Single Row Layout in Flexible Manufacturing System with Integrated Job Shop Scheduling", *International Journal of Engineering Research*, Vol. 5, Issue: Special 2, February 11-12, 2016, pp: 382-385.

**Dr R Umamaheswari, MIE**

*Associate Professor  
Department of Electrical and Electronics Engineering, Velammal Engineering College, Chennai.*



**1. Title of Paper:** "Three-Dimensional Lung Nodule Segmentation and Shape Variance Analysis to Detect Lung Cancer With Reduced False Positives", *Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine*, Vol. 230, No. 1, 2016, pp. 58-70.

**2. Title of Paper :** "Lung Nodule Volume Growth Analysis and Visualization through Auto - Cluster K-means Segmentation and Centroid/Shape Variance based False Nodule Elimination", *International Journal of Advanced Engineering Technology*, Vol. 7, No. 1, 2016, pp. 650-656.



**Dr Jitendra Kumar, MIE**

*Professor, Mechanical Engineering Department, KNGD Modi Engg. College, Modinagar, Ghaziabad.*

**Title of Paper:** "Multi-criteria Decision Making (MCDM) of Material Selection for Gears using AHP", *International Conference on Emerging Trends in Science & Technology-16 (ICETST-16)*, organized by the Departments of A.S., C.S.E., ECE, EEE of KNGD Modi Engineering College, Modinagar, Ghaziabad (UP), April 8-9, 2016.

**Mr Satya Prakash Rout, AMIE**

*Head, Department of Electronics & Communication, TempleCity Institute of Technology & Engineering, Khurda, Odisha*



**1. Title of Paper:** "Performance Comparison of Various DBA Algorithms on an Emulated 10Gbps Next Generation EPON Access Network", *International Journal of Innovative Research in Computer and Communication Engineering*, (doi: 10.15680/IJIRCCCE.2016.0405183), Vol. 4, Issue 5, May 2016, pp. 9377–9382.

**2. Title of Paper:** "5th Generation Mobile Technology - A New Milestone to Future Wireless Communication Networks", *International Journal of Science and Research*, (doi: 10.21275/v5i5.NOV163418), Vol. 5, Issue 5, May 2016, pp. 529–534.



**Mr Vinay Kumar M, AMIE**

**Title of Paper:** "Seismic Performance Evaluation of Existing Bridge", *IJSETR*, Volume 5, Issue 5, Sl. No. 54, May 2016, pp. 1596 - 1602.

# Publications

## by Members



**Mr Chandrakumar Bhimaraoji Mohod, AMIE**

Lecturer, Chemical Engineering  
Government Polytechnic, Arvi,  
Wardha, Maharashtra.

**1. Title of Paper:** "Application of Ordinary Differential Equations (ODE's) in Reaction Engineering: Review", *International Journal of Chemical and Molecular Engineering*, Vol.2, Issue-1, 2016, pp.1-9.

**2. Title of Paper:** "Review on Progress of Aluminium Industries in India-Part-1", *International Journal of Metallurgy and Alloys*, Vol. 2: Issue 1, 2016, pp. 20-26.

**3. Title of Paper:** "Treatment of Synthetic Dairy Waste in an Aerobic Bioreactor", *International Journal of Industrial Biotechnology and Biomaterials*, Vol-1, Issue-1, 2015, pp. 11-17.

**Mr Ajay Kumar Kushwaha, AMIE**

Research Scholar  
Department of Electronics  
Engineering, Indian School of  
Mines, Dhanbad



**Title of Paper:** "Current Mode Universal Filter using Single Current Controlled Differential Difference Current Conveyor Transconductance Amplifier", *Circuit and System (Scientific Research Publication)*, DOI 10.4236/cs.2015.610023, Vol. 6, No. 10, October 30, 2015.



**Ms Tarannum Yasmin, AMIE**

CSIR-Central Building Research  
Institute, Roorkee, India

**Title of Paper:** "Fragility Analysis for Seismic Vulnerability Assessment of Buildings: A Review", *International Research Journal of Engineering and Technology*. Vol.2, Issue 6, 2015, pp. 502- 508.

Co-authors: Dr. Ajay Chourasia, Prof. S.K. Bhattacharyya, Jalaj Parashar



**Dr Chandramohan VP, MIE**

Assistant Professor  
Mechanical Engineering  
Department, NIT Warangal

**1. Title of Paper:** "Numerical Prediction and Analysis of a Surface Transfer Coefficients on Moist Object during Heat and Mass Transfer Application", *Heat Transfer Engineering*, Taylor & Francis, SCI Journal, Vol. 37, No. 1, 2016, pp. 53-63.

**2. Title of Paper:** "Experimental Analysis and Simultaneous Heat and Moisture Transfer with Coupled CFD Model for Convective Drying of Moist Object", *International Journal for Computational Methods in Engineering Science and Mechanics*, Taylor & Francis, SCI Journal, Vol. 17, No. 1, 2016, pp. 59-71.

**Mr S Krishnama Raju, AMIE**

Research Scholar  
IIT Roorkee



**1. Title of Paper:** "Design and Implementation of Type-2 Fuzzy Logic Controller for DFIG-based Wind Energy Systems in Distribution Networks", *IEEE Transactions on Sustainable Energy*, Vol. 7, No. 1, 2016, pp. 345-353.

**2. Title of Paper:** "Design and Real Time Implementation of Type-2 Fuzzy Vector Control for DFIG based Wind Generators", *Renewable Energy*, Vol. 88, April 2016, pp. 40-50.

**3. Title of Paper:** "Enhancing LVRT Capability of DFIG based Wind Power Plants by Interval Type-2 Fuzzy Logic Controller", *International Journal of Applied Engineering Research*, Vol.10, No.44, 2015.

Co-author : Mr. G N Pillai



**Mr Rejeesh C Rajendran, MIE**

**Title of Paper:** "Innovative Value Chain Development of Modified Starch for a Sustainable Environment: a Review", *International Journal of Polymer Science and Engineering*, Vol. 2: Issue 1, 2016.

Co-authors: Anagha Ashok and Manu Mathew

# Publications

## by Members



**Dr M Singaravelu, FIE**

*Professor & Head  
Department of Agricultural  
Engineering, Bannari Amman  
Institute of Technology, Anna  
University, Tamil Nadu.*

**1. Title of Paper:** "Effect of Biomass based Producer Gas on the Performance of a Dual Fuel Diesel Engine for Water Pumping", *4th National Conference on "Frontiers in Applied Sciences and Computer Technology", National Institute of Technology, Tiruchirapalli, February 19, 2016.*

**2. Title of Paper:** "Biomethanation of Paper Mill Liquid Effluent through USAB Reactor", *International Conference on "Advances in Electronics, information, Communication and Bioinformatics -2016", Prathyusha Engineering College, Chennai, February 27, 2016.*

**3. Title of Paper:** "Performance of a Water Regenerating System in the Scrubbing of Biogas Obtained from Sago Liquid Effluent" *International Conference on "Energy, Environment and Engineering", Coimbatore Institute of Technology, Coimbatore, February 29, 2016.*

**Mr Surender Singh Tanwar, MIE**

*Research Scholar, IIT, Roorkee*

**Title of Paper:** "Optimal Placement of Renewable DG's in Radial Distribution System" at *All India Seminar on "Sustainable Development and Renewable Energy" organized by The Institution of Engineers, Kota Local Centre, Rajasthan in association with Electrical Engineering Department, Rajasthan Technical University, Kota held during May 14-15, 2016.*



**Mr Satyendra Kumar Singh, FIE**

**Title of Paper:** "Turn-around of the Indian Industry?" *MMI Modern Manufacturing India, Volume 3, No. 6, November 2015.*



**Dr Virupaxi Auradi, FIE**

*Associate Professor  
Department of Mechanical  
Engineering, Siddaganga Institute  
of Technology, Tumkur, Karnataka*

**1. Title of Paper:** "Friction and Dry Sliding Wear of Bismaleimide Filled with Carbon Nanotubes", *Tribology – Materials, Surfaces & Interfaces, Taylor and Francis Publications, Vol. 1., 2016, pp 1-6.*

Co-author: R. V. Kurahatti, A. O. Surendranathan, B. Mordina, P. Naik

**2. Title of Paper:** "Influence of Ceramic B4C Particulate Addition on Tensile Behavior of 6061 Aluminum Matrix", *International Journal of Materials Research (formerly: Metallkunde), Carl Hanser Verlag GmbH & KG Co. Publishing, Vol. 107, Issue-5, 2016, pp 439-445.*

Co-authors: Sandeep Panyam R, Rajesh G L, S. A. Kori

**3. Title of Paper:** "Machining of Metal Matrix Composites: Influence of B4C Ceramic Particulate Addition on Cutting Forces and Surface Roughness of 6061Al Alloy", *International Journal of Machining and Machinability of Materials, Inderscience Publications, Vol.18, No.4, 2016, pp 365-376.*

Co-authors: Vijaykumar Hiremath, Suresh T Dundur



**Mr Rajeev Namdeo, MIE**

*Department of Automobile  
Engineering, Shri Vaishnav  
Polytechnic College; Indore,  
Madhya Pradesh*

**Title of Paper:** "Optimizing the Effect of Addition of MA-g-PE Compatibilizer on Two-body Abrasive Wear Behavior of EVA/HDPE Polymer Blend using Taguchi and ANOVA", *Proceedings of International Conference on ARIMPIE, ELK Asia Pacific Journals, India, April 15-16, 2016, pp. 39-43.*

Co-authors: S. Tiwari, S. Manepatil and N. Chand



# Publications

## by Members



### Mr Saravanamurugan P, MIE

*Certified Vibration Analyst ISO CAT-III & Certified as CMRP (Certified maintenance and Reliability professional)*

**1. Title of Paper:** "Fouling and Cavitation Induced Vibrations in Large Steam Turbines", *40th Annual Training Conference, Vibration Institute, USA, Asheville, NC, USA, 15-17 June 2016.*

**2. Title of Paper :** "High Journal Bearing Vibration in Multistage Pump", *Vibrations Magazine, Summer 2015 issue, Vibration Institute, USA.*

### Dr Nabnit Panigrahi, MIE

*Mechanical Engineering Department, Gandhi Institute for Technology, Bhubaneswar, Odisha*



**Title of Paper:** "Performance of a C.I. Engine with Energy and Exergy Analysis Fuelled with Neem Oil Methyl Ester", *International Journal of Renewable Energy Technology, Inderscience Publishers, Vol. 7, No. 3, 2016, pp. 264-287.*



### Dr P Sojan Lal, FIE

*Director Asian Institute of Petroleum and Construction Technology (AIPCT) Kadavantara, Cochin, Kerala.*

**1. Title of Paper:** "Fingerprint Reference Point Identification based on Chain Encoded Discrete Curvature and Bending Energy, Pattern Analysis and Applications", *Springer-Verlag, London, 2016. (Accepted).*

Co-authors: Geevar C. Zacharias, Madhu S. Nair

**2. Title of Paper:** "Pre and Post Fingerprint Skeleton Enhancement for Minutiae Extraction", *Proceedings of the International Conference on Computer Vision and Image Processing February 26-28, 2016, IIT Roorkee.*

Co-authors: Geevar C. Zacharias and Madhu S. Nair



### Mr Revati Raman, MIE

*Dy. Manager (Civil), SJVN Limited, (A Joint Venture of Govt. of India and Govt. of H.P.), Corporate Civil Design Department, Verma Niwas, New Shimla, Himachal Pradesh.*

**Title of Paper:** "Design and Construction of TRT System and under River Crossing of Head Race Tunnel with Specific Reference to SJVN's Rampur Hydro Electric Project (412 MW) - India", *13th International Conference on Underground Construction Prague 2016 & 3rd Eastern European Tunneling Conference" held at Prague, Czech Republic during May 23-25, 2016.*

Co-authors: Vivek Chand, R.K. Sharma



### Mr Harsimran Singh, MIE

*Deputy General Manager (G), South Eastern Railway, Garden Reach, Kolkata.*

**1. Title of Paper:** "Handling Massive Construction of 4-Lane Cable Stayed Road Over Bridge Over Bardhaman Yard of Eastern Railway in the State of West Bengal, India", *Quarterly Journal of IRICEN (Indian Railway Institute of Civil Engineering), Pune, Vol. 8, Issue No. 3, July–September 2015.*

**2. Title of Paper:** "Long Life painting scheme for cable stayed ROB at Bardhaman", *Quarterly Journal of IRICEN (Indian Railway Institute of Civil Engineering), Pune, Vol. 8, Issue No. 4, October–December 2015.*

### Dr Mohan Kumar Pradhan, MIE

*Assistant Professor, Department of Mechanical Engineering, Maulana Azad, National Institute of Technology, Bhopal*



**Title of Paper:** "Application of a ANN Modeling of Radial Overcut in Electrical Discharge Machining", *Journal of Manufacturing Technology Research, Nova Science Publishers, Vol. 7, Issue 1-2, Year 2015, pp. 39-52.*

Co-author: Raja Das

# Publications

## by Members



**Dr S Madhava Reddy, MIE**

Associate Professor, Department of Mechanical Engineering, Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.

**1. Title of Paper:** "Optimization of Production by Using AGV's and Automatic Tool Changer", *Indian Journal of Science - An International journal*, Vol.23, Issue.80, March 2016, pp. 412-421.

**2. Title of Paper:** "Kinematic Analysis of 8-DOF Robot Arm", *International Journal of Emerging Research in Management & Technology*, Vol. 5, Issue-5, May 2016.

**3. Title of Paper:** "Design and Fabrication of a Multirotor with Integrated End Effector", *International Journal of Current Trends in Engineering & Research (IJCTER)*, Vol. 2, Issue 6, June 2016, pp. 26-41.



**Mr Darshan J Mehta, AMIE**

Assistant Professor, Civil Engineering Department, S.S.A.S. Institute of Technology, Surat, Gujarat

**1. Title of Paper:** "Alternative Approaches for Sustainability of Slum: A Case Study of Surat City", *International Journal of Emerging Technologies and Innovative Research (JETIR)*, Vol. 2, Issue No. 11, November 4, 2015.

**2. Title of the Paper:** "Simulation of Hydraulic Parameters in Water Distribution Network using EPANET: A Case Study of Surat City", *20th International Conference on 'Hydraulics, Water Resources and River Engineering' IIT Roorkee*, December 17-19, 2015.



**Mr S Thirumalai Selvam, AMIE**

Assistant General Manager (D & E), Steel Authority of India Limited (SAIL), R & D Centre for Iron and Steel (RDCIS), Ranchi, Jharkhand

**Title of Paper:** "Improvement in Productivity of Sinter Machine Through increased Size Segregation of Charge Feed", *Process & Plant Engineering*, Vol. XXXIII, No. 5, Jan-Mar' 2016.



**Dr MA Mallick, FIE**

Professor, Department of Electrical Engineering, Integral University, Lucknow.

**1. Title of Paper:** "Optimum sizing and estimation of a 30 kW hybrid solar photovoltaic system with multi level inverter", *International Journal of Research and Scientific Innovation (IJRSI)*, Vol. 2, Issue. 7, July 2015.

Co-author : A. F. Minai

**2. Title of Paper:** "Rain Water Harvesting and Impact of Microbial Pollutants on Ground Water Resources", *International Journal of Engineering Research and Applications (IJERA)*, Vol. 5, Issue 8, October 2015.

Co-author : Athar Hussain

**3 Title of Paper:** "Performance Evaluation of PFC Boost Converters", *International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJREEICE)*, Vol. 3, Issue 11, November 2015.

Co-author : Md Asim



**Mr Suda Vijaya Bhaskar Reddy, MIE**

Professor & Head, Department of Civil Engineering, CMR Technical Campus, Kandlakoya (V), Hyderabad.

**1. Title of Paper:** "Analysis of Multistoried Structures using ETABS", *International Journal of Civil Structural Engineering Research (IJCSER)*, Vol. 3, Issue 01, April - September 2015, pp. 151-158.

Co-authors: Jagath Chandra, P Srinivasa Rao

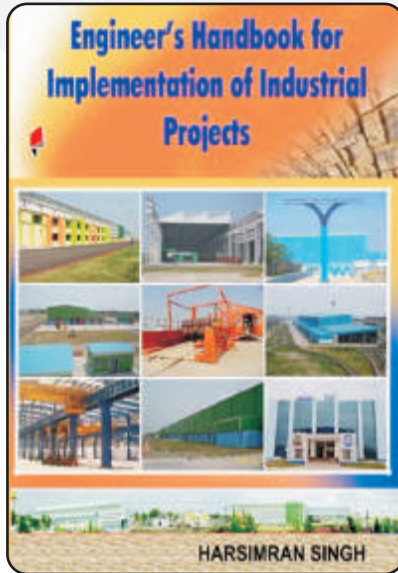
**2. Title of Paper:** "Effect of Wind Forces on Multistoried Structures", *International Journal of Innovative Research in Advanced Engineering (IJIRAE)*, Vol. 2, Issue 6, June 2015, pp.79-83.

Co-authors: Yugandhar Sagar, P Srinivasa Rao



# Book

## Review



### **Engineer's Handbook for Implementation of Industrial Projects**

by **Mr Harsimran Singh, MIE**

Deputy General Manager (G)  
South Eastern Railway  
Garden Reach, Kolkata

The book deals with various aspects of design, construction and project management necessary for the engineering and management teams of Client and Contractor, though it does not go into the detailed design calculations. It starts from the scratch, i.e., selection of site and surveying and then delves into details of design requirements, selection of structural elements - columns, beams, trusses, foundation, etc. The quality control and assurance during construction have been covered in detail and provided in tabular form for as annexure.

It also covers to reasonable extent the works related to electrical engineering, fire fighting, installation of machinery, water supply system, pre-engineered building installation, green building concept, fire resistance requirements and finishing works of buildings. The installation of Railway track in the shed, at pits and in yard have been described as also construction of flexible & concrete pavement roads for heavy traffic. The project management has been elaborated from point of view of project manager of a large infrastructure project.

Examples have been drawn from works actually executed by the author and photographs have been provided in large numbers mostly from the works actually executed by the author.

Publisher : M/s Front page

## *Welcome*

## **New Institutional Members**

### **Graphic Era University**

Dehradun

Uttarakhand

## Members



**Cdr A K Poothia, FIE**

*Former Secretary & Director General  
The Institution of Engineers (India)*

**C**ongratulations for fine publication. My congratulations to all those who worked on the new publication. Keep it up.

**I** am very delighted to see the IEI Epitome Newsletter covered the Members' achievement, latest Publications & Book review.

We have to congratulate the dedicated team behind bringing the IEI Epitome newsletter. Keep it up.

With Warm Regards

**Mr S N Hariprasad, MIE**

*Sr. Engineer BHEL Electronics Division*

**I** am delighted to see IEI epitome in new AVATAR, by reforming from its old look. Editorial Board deserves all appreciation for their vision and creative efforts.

Best Wishes,

**Mr T Niranjan, FIE**

**I**t is good initiative from IEI that I was expecting for long, to have such development of promoting interaction between members and engineers across country and world.

**Mr S Murugan, MIE**

*Dubai Petroleum  
Dubai*

## Speak

**I**t is really a good thought to share the views of IEI members briefing like this. How the IEI members have to update their information like published journals, conferences, any news etc. Publication of Epitome is an excellent initiation, which provides information of contributions of Engineers of this country in various fields.

My suggestion is to mail the copy of EPITOME to all corporate members.

Warm Wishes

**Mr Vinay Kumar Shukla, MIE**

*Dy Manager, Instrumentation Department  
National Fertilizers Limited, Vijaypur, Guna,  
MP*

**E**pitome of The Institution of Engineers (India) has become now the only initiative by a national/international institution in the present world, which is focused to motivate its member engineers for doing good work in their expertise area and thus gives wide publicity and coverage to individual achievements. This, in a very short span of time, has become a novel platform for recognition of proactive, dedicated professionals/ researchers/academicians' work in the socio-techno-educational development of trained minds in the national interest. I am sure this way youngsters/ the fresh graduating engineers/students would be activated to excel in their professional career and enjoy recognition by establishing connections with the Institution.

**Dr. Bhagwanjee Jha, FIE**

*HOD-I/C, Civil Engineering Department  
Dr. B.B.A. Govt. Polytechnic, Karad*

# Announcements

## IEI Industry Excellence Award 2016

**The Institution of Engineers (India)**

8 Gokhale Road, Kolkata 700 020



### Recognising Industry Leaders

#### Applications are Invited from Industries

Last date : July 31, 2016

For Information Brochure & Application form please visit <http://www.ieindia.org/indexcel2016>

Award will be presented at  
31<sup>st</sup> Indian Engineering Congress  
during December 2016

For further query contact :

Mr Tanmoy Chakraborty, Executive (Technical)

Phone : (033) 40106259/Mob : 9804461661

E-mail : [award@ieindia.org](mailto:award@ieindia.org) / [iei.technical@gmail.com](mailto:iei.technical@gmail.com)

## 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 2016 are given hereunder.

### SAIL AWARD

'Improving Safety, Health & Environment in the Steel Industry'

### DR M VISVESVARAYA AWARD

'Role and Contribution of Steel Industry to  
'Make in India' Programme'

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 2016 is given below.

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

'Sustainable Mining Strategies in Current Scenario'

Intending contributors are requested to submit their articles (visit [www.ieindia.org/jourtechdwldns.aspx](http://www.ieindia.org/jourtechdwldns.aspx) for guidelines) in quadruplicate to Director (Technical), The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700 020 by **July 15, 2016**.



## 31<sup>st</sup> INDIAN ENGINEERING CONGRESS

Kolkata, December 16-18, 2016

Theme:

**SMART Technologies for Natural Resource Conservation and Sustainable Development**

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

Hosted by: **West Bengal State Centre**

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