



# IEI *Epitome*

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# Members in the News

## **Dr. M. P. Sukumaran Nair, FIE**

*Centre for Green Technology & Management, Cochin, Kerala and Council Member, IEI*

Delivered 'Reunion Lecture 2017' on the topic "Chemical Processing: Hazard Identification and Management – A Review" at Department of Chemical Technology, University of Calcutta on January 07, 2017.



## **Mr. Nilanjan Sengupta, FIE**

*Director (Technical)  
The Institution of Engineers (India)*

Facilitated a session on "Climate Change and Role of Cost Effective Construction Technology in Indian Perspective" at B. R. Ambedkar

Institute of Panchayats & Rural Development, Government of West Bengal, Kalyani on February 08, 2017. The session was attended by Engineering Assistants of different departments of Government of West Bengal.

## **Mr. Vinod Mishra, AMIE**

*Technical Officer, Optical Devices & Systems, CSIR-Central Scientific Instruments Organisation and Research Scholar, Instrument Design Development Centre, Indian Institute of Technology Delhi, New Delhi*



Received Best Paper Award for his paper titled "Development of Spiral Phase Plate by Ultra-Precision Machining" at a Symposium on 'Optics and Photonics based Technologies & Instruments for Civil Society' organised by CSIR - Central Scientific Instruments Organisation at Chandigarh on October 21, 2016.



## **Mr. V. Suresh, AMIE**

*Assistant Professor, IQAC Co-ordinator, Department of Electronics and Computer Engineering, Vignan's Institute of Information Technology, Duvvada, Visakhapatnam, Andhra Pradesh*

Presented a paper titled "Implementation of Reconfigurable Circuit with Watch-points in the Hardware" in 2nd International Conference on 'Micro-Electronics, Electromagnetics and Telecommunications 2017' organised by Raghu Educational Society, Visakhapatnam, Andhra Pradesh January 06-07, 2017.

## **Dr. M. Srinagesh, FIE**

*Professor, Electronics & Communication Engineering and Director, Industry Interaction and Research, PACE Institute of Technology & Sciences, Ongole, Andhra Pradesh*



Received a grant of ₹ 27,00,000/- from Department of Science & Technology, Ministry of Science & Technology, Government of India under Cognitive Science Research Initiative Scheme on November 24, 2016, for his research project on "Adoptive Circadian Rhythm through Dynamic LED

Lighting for Non-medical Treatment for Sleeping Disorders and Improved Efficiency for Night Shift Workmen" on November 24, 2016.

## **Dr. N. Rajesh Jesudoss Hynes, MIE**

*Associate Professor, Department of Mechanical Engineering, Mepco Schlenk Engineering College, Sivakasi, Tamilnadu*



❖ Delivered a lecture on "3D Powder Printing" during the Workshop on 'Research Issues in Powder Metallurgy' organized by Department of Mechanical Engineering, Mepco Schlenk Engineering College, Sivakasi on December 30, 2016.

❖ Awarded 'Certificate of Appreciation' in recognition of his contribution as a Mentor of NPTEL Online Certification Course on "Manufacturing System Technology Part 1 & 2" organised by Indian Institute of Technology, Madras during July to October 2016.



## **Mr. Partha Sinha, MIE**

Appointed as General Manager (Strategic Planning & Business Development) at Spatial Geotech Pvt. Ltd., Noida on February 13, 2017

# Members in the News

## **Mr. Sibendu Bikas Bardhan, FIE**

*Chief Engineer (Civil), Institute of Engineering & Ocean Technology, Panvel, Maharashtra*

Received 'Best Innovation Award' for his contribution in Off-shore Structural Analysis from Executive Director & Head, Institute of Engineering & Ocean Technology on the occasion of 68th Republic Day held at Panvel on January 26, 2017.



## **Mr. Rajiv Sharma, MIE**

*Cryogenic Mechanical Engineer, SST-1 Cryogenic Division, Institute for Plasma Research (Department of Atomic Energy, Government of India), Gandhinagar, Gujarat*



Delivered a talk on "Repairing and Welding Experience of LN2 Cryogenic Transfer Line of 80 K Distribution System of SST-1" in National Welding Seminar 2016 organized by The Indian Institute of Welding, Kolkata Branch at Science City, Kolkata during December 15-17, 2016.

## **Dr. M. Vasudevan, MIE**

*Assistant Professor (Senior Grade), Department of Civil Engineering, Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu*

❖ Received 'Early Career Research Award' from Science and Engineering Research Board, Department of Science and Technology, Government of India for promoting Swachh Bharat Mission with a fund of ₹33,95,780/- for a project on "Implications of Co-composting of Faecal-rich Sewage Sludge on Soil Carbon and Nitrogen Dynamics in a Sugarcane Mono-cultured Land in Tamil Nadu" on September 29, 2016.

❖ Organized two Faculty Development Program on the topics 'Invoking Research Aptitude through Curriculum Laboratory Courses' and 'Effective Teaching towards Outcome Based Education' at Bannari Amman Institute of Technology, Sathyamangalam on April 05, 2016.

❖ Presented paper on "Scenario-based Numerical Modelling of Mass Transfer Mechanisms for a Petroleum Contaminated High Risk Site in Chennai" in 9th IAHS International Groundwater Quality Conference (GQ16) organized by International Association of Hydrological Sciences, Southern University of Science and Technology, Shenzhen, China during July 24-28, 2016.



## **Dr. Aminul Islam, MIE**

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

❖ Received Best Paper Award for his paper titled "Development of HEMT Device for Higher Breakdown Voltage" presented in International Conference on 'Advanced Computing' 2016 organized by Maulana Abul Kalam Azad University of Technology (formerly known as West Bengal University of Technology) held at CII-Suresh Neotia Centre of Excellence for Leadership, Salt Lake City, Kolkata during October 26-27, 2016.

❖ Delivered a talk on "What is the 4th Passive Element?" in International Conference on 'Nano-electronics, Circuits and Communication Systems' jointly organized by The Institution of Electronics and Telecommunication Engineers and Indian Society for VLSI Education at ARTTC, BSNL, Ranchi during December 25-26, 2016.

❖ Received Best Paper Award for his paper titled "Design of a Low-delay-write Model of a TMCAM" presented in 3rd International Conference on 'Information Systems Design and Intelligent Applications 2016' organized by Department of Computer Science Engineering, Anil Neerukonda Institute of Technology and Sciences at Visakhapatnam during January 08-09, 2016.

## **Prof. (Dr.) A. K. A. Rathi, FIE**

*Former Professor, CEPT University and Former Chief Technical Adviser, Government of Gujarat*

Delivered plenary lecture on "Process Safety Management- An Overview" in a short term Training Program on 'Industrial Safety' organized by Department of Chemical Engineering, V.V.P. Engineering College, Rajkot, Gujarat on December 19, 2016.



# Members in the News

## **Dr. N. Venkatachalapathi, FIE**

*Professor & Head, Department of Mechanical Engineering, Annamacharya Institute of Technology & Sciences (Autonomous), Rajampet, Kadapa, Andhra Pradesh*

Delivered keynote address on “Current Trends in Production Engineering and Technology (CIPET)” in National Symposium organised by DBS Institute of Technology, affiliated to Jawaharlal Nehru Technological University Anantapur at Anantapuram on January 23, 2016.



## **Dr. Manoj Pandey, MIE**

*Assistant Professor, Department of Electronics and Communication Engineering, B. K. Birla Institute of Engineering and Technology, Pilani, Rajasthan*



- ❖ Awarded Ph.D. in Electronics and Communication Engineering discipline on the topic “System Level Reconfigurable Techniques for Real Time Object Tracking” from Department of Electronics and Communication Engineering, Sant Longowal Institute of Engineering and Technology, Longowal, Sangrour, Punjab on January 10, 2017.

- ❖ Delivered a talk on “Role of FPGAs in Embedded System” at Pilani Local Centre, The Institution of Engineers (India) on December 10, 2016.

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

- ❖ Received ‘Supply Chain Leader of The Year’ from World Leadership Federation, Mumbai in its 2nd Edition of Middle East Leadership Award 2017 held at Dubai on February 16, 2017.



- ❖ Received ‘Rising Star Award’ from BIT Sindhri Association NCR Chapter for his contribution in Supply Chain Management in Telecom and Automotive Industries through value analysis and innovations at New Delhi on February 15, 2017.

- ❖ Received ‘Life Time Advising Reader Award’ for his book “Limits to Infinity” from the Sky of India, a National News Magazine at Guwahati, Assam on February 10, 2016.



## **Mr. Vishnu Rajaram Bankar, AMIE**

*Chartered Engineer (India), Bajaj Auto Ltd., Chakan, Pune, Maharashtra*

Obtained Master of Engineering with Distinction in Production Engineering (Manufacturing and Automation) from Savitribai Phule Pune University, Maharashtra on December 30, 2016.

## **Mr. Thennavarajan S., AMIE**

*Technical Officer, Propulsion Division / National Test Facility for Rolling Element Bearings, CSIR - National Aerospace Laboratories, NWTC, Belur, Bangalore, Karnataka*



Received Best Paper Award for his paper entitled “Hybrid Shape Optimization Techniques and FEM Analysis of an Aero Engine Squirrel Cage Elastic Ring Bearing Support” in presence of Dr. L. V. Muralikrishna Reddy, Past President, IEI; Prof. R. M. Vasagam, Padmashree recipient; Prof. (Dr.) M.R. Pranesh, former Professor, Indian Institute of Technology Madras and Mr. Enti Renga Reddy, Council Member, IEI on the occasion of Indian Technology Congress 2016 held at Bangalore during December 01-02, 2016.



## **Mr. Amar Kumar Das, MIE**

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

Received M. N. Bhuyan Memorial Award from The Institution of Engineers (India), Odisha State Centre for his paper titled “The Optimal utilization of Waste plastics added with Bitumen Reinforcing in Civil Transportation Works”, published in the proceedings of 58th Annual Technical Session organised at Bhubaneswar on February 19, 2017.

# Publications

## by Members

### Mr. Mohammad Ashraf Fazili, FIE

Council Member, IEI

- **Title of Paper:** "Dredging of River Jhelum", Proceedings of Seminar on 'Jhelum Dredging Project', organized by The Institution of Engineers (India), J&K State Centre at Srinagar on May 07, 2016.



- **Title of Papers:** "Illegal trade in Wildlife" and "Vanishing Medicinal Plants in J&K State", Proceedings of Conference on 'Illegal Trade in Wildlife' organized by The Institution of Engineers (India), J&K State Centre at Srinagar on June 05, 2016.

- **Title of Paper:** "Knowledge Driven Era and Dawn of Knowledge", Proceedings of Conference on 'Engineering Challenges for Knowledge Era' organized by The Institution of Engineers (India), J&K State Centre at Srinagar on September 15, 2015.



### Dr. Vijaya Kumar C. N., FIE

Professor, Department of Electronics and Communication Engineering, East West Institute of Technology, Bangalore, Karnataka

- **Title of Paper:** "Image Compression Technique on Haar Wavelet Transform", Proceedings of International Conference on 'Advances in Science and Engineering' organized by Unnathi Research Foundation, Bangalore at Regent's International College, Bangkok, Thailand during January 20-22, 2017.

Co-author(s): Kumar D., Anilkumar R., Madhukar S.

### Dr. Rakesh Kumar Malviya, AMIE

Department of Mechanical Engineering, S.V. National Institute of Technology, Surat, Gujarat

- **Title of Paper:** "A Comprehensive Analysis of the Barriers to Green Supply Chain Management Implementation", *International Journal of Decision Sciences, Risk and Management*, Vol. 6, Issue 4, 2016, pp. 331-362.



### Dr. N. Rajesh Jesudoss Hynes, MIE

Associate Professor, Department of Mechanical Engineering, Mepco Schlenk Engineering College, Sivakasi, Tamilnadu

- **Title of Paper:** "Numerical Analysis of Friction Welded Titanium Joints", *Journal of Achievements in Materials and Manufacturing Engineering*, Vol. 76, Issue 1, December 2016.

Co-author: P. Shenbaga Velu



### Prof. (Dr.) Lakhwinder Singh, FIE

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



- **Title of Paper:** "Interactive Fuzzy Approach for Economic Environmental Electric Power Load Dispatch", *Proceedings of IEEE International Conference on 'Power Systems Technology (POWERCON 2016)'* organised by University of Wollongong, New South Wales, Sydney, Australia, during September 28 - October 1, 2016.

Co-author: J. S. Dhillon

- **Title of Paper:** "Power Quality Improvement in Induction Furnace by Harmonic Reduction using Dynamic Voltage Restorer", *International Journal of Emerging Electric Power Systems*, Vol. 17, Issue 3, June 2016, pp. 277-285.

Co-author: Tejinder Singh

### Dr. Arun Kumar Behura, MIE

- **Title of Paper:** "Heat Transfer, Friction Factor and Thermal Performance of Three Sides Artificially Roughened Solar Air Heaters", *Solar Energy, SCI Journal*, Vol. 130, June 2016, pp. 46-59.

Co-author(s): B.N. Prasad, L. Prasad



# Publications

## by Members

### Mr. Rakesh Kumar Lenka, MIE

Deputy Manager (Mechanical), Engineering & Commissioning, 4x660MW Ib TPS, Odisha Power Generation Corporation Limited, Odisha



**Title of Paper:** "Feasibility Study for SO<sub>x</sub>, NO<sub>x</sub> and PM Control Mechanism", *Proceedings of 16th National Workshop on 'Technological Innovations & Efficient Operations of Boilers' organized by National Productivity Council (NPC), New Delhi and sponsored by Central Boiler Board, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India at NPC, Lodhi Road, New Delhi, February 02-03, 2017.*

### Mr. Khaja Mohiuddin, AMIE

Assistant Professor, Nawab Shah Alam College of Engineering and Technology, Hyderabad, Telangana



• **Title of Paper:** "Behaviour of Concrete Filled steel Tubular Beam with Partial Replacement of Demolition Waste as a Coarse Aggregate", *International Journal of Engineering and Technology*, Vol. 3, Issue 12, December 2016.

Co-author: R. Sankar

• **Title of Paper:** "Effect of Aspect Ratio in Slurry Infiltrated Fibre", *International Journal of Engineering Science and Computing*, Vol. 6, Issue 12, December 2016.

Co-author: R. Sankar

### Mr. Shibashish P. Mukherjee, AMIE

**Title of Paper:** "Exploring GGBS Utilization in Construction of Residential Projects & Its Contribution toward Environment", *International Organization of Scientific Research Journal of Mechanical and Civil Engineering (ISOR-JMCE)*, Vol. 13, Issue 4, June 25, 2016, pp. 01-11.



### Mr. Fasludeen. N. S., AMIE

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



• **Title of Paper:** "Food Engineering Start-up in Solar Refrigeration", *International Journal of Research in Business Management*, Vol. 5, Issue 1, January 2017, pp. 55-60.

• **Title of Paper:** "Senescence Studies on Grains: A Review", *International Journal of Science, Environment and Technology*, Vol. 6, Issue 1, February 02, 2017, pp. 738-744.

Co-author: Sujayasree O. J.

### Ms. M. Kavitha, MIE

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



• **Title of Paper:** "Power Gating Technique for Power Reduction and Data Retention in CMOS Circuits", *Journal of Electrical and Electronics Engineering*, Vol. 9, Issue 1, May 2016, pp.19-24.

• **Title of Paper:** "Low Power Multimodal Switch for Leakage Reduction and Stability Improvement in SRAM Cell", *Arabian Journal for Science and Engineering (Springer)*, Vol. 41, Issue 8, August 2016, pp.2945-2955.

### Mr. Satish Chand Gupta, MIE

Training & Placement officer, Industry Institute Interaction Cell, Government Polytechnic College, Kota, Rajasthan

**Title of Paper:** "Design & Analysis of a Microstrip Line Multi band UWB Filter", *AEU-International Journal of Electronics and Communication (Elsevier)*, Vol. 70, Issue 11, September 2016, pp. 1556-1564.



# Publications

## by Members

### Ms. Soumi Bhattacharyya, AMIE

Research Scholar, Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur, West Bengal

**Title of Paper:** "Performance of Compliant Liquid Column Damper for Seismically Excited Structures", *Proceedings of 'Structural Engineering Convention 2016' organised by CSIR- Structural Engineering Research Centre at CSIR Campus, Taramani, Chennai during December 21-23, 2016, pp: 255.*



Co-author(s): Dr. Aparna (Dey) Ghosh, Dr. Biswajit Basu

### Prof. Shatrughna Prasad Yadav, MIE

Department of Electrical and Electronics Engineering, Indus Institute of Technology and Engineering, Indus University, Ahmedabad, Gujarat



• **Title of Paper:** "Hardware Implementation of PAPR Reduction with Clipping and Filtering Technique for Mobile Applications", *International Journal of Engineering and Technology, Vol. 8, No. 5, October 2016, pp. 2018-2033.*

Co-author: Dr. Subhash Chandra Bera

• **Title of Paper:** "PAPR Reduction for Improved Efficiency of OFDM Modulation for Next Generation Communication Systems", *International Journal of Electrical and Computer Engineering, Vol. 6, No. 5, October 2016, pp. 2310-2321.*

Co-author: Dr. Subhash Chandra Bera

• **Title of Paper:** "Linearity Improvement of Microwave Power Amplifiers", *Proceedings of 13th IEEE India International Conference 2016 organised by Indian Institute of Science, Bangalore, December 16-18, 2016, pp. 1-6.*

Co-author: Dr. Subhash Chandra Bera

### Mr. Satish Kumar Rai, AMIE

Assistant Professor, B. K. Birla Institute of Engineering & Technology, Pilani, Rajasthan

**Title of Paper:** "A Novel Six Level Inverter for Single-phase stand-alone Photovoltaic System", *Proceedings of 18th European Conference on Power Electronics and Applications organised by Karlsruhe Institute of Technology at Karlsruhe, Germany during September 05-09, 2016.*



### Mr. Vinod Mishra, AMIE

Technical Officer, Optical Devices and Systems, CSIR-Central Scientific Instruments Organisation and Research Scholar, Instrument Design Development Centre, Indian Institute of Technology Delhi, New Delhi



**Title of Paper:** "Development of Spiral Phase Plate by Ultra-Precision Machining", *Proceedings of Symposium on 'Optics and Photonics based Technologies & Instruments for Civil Society', organised by CSIR-Central Scientific Instruments Organisation at Chandigarh on*

*October 21, 2016.*

Co-author(s): Neha Khatri, Rohit Sharma, Samir K Mondal, Harry Garg, Vinod Karar

### Mrs. Aruna Kumari G. K., MIE

Head of Department, Department of Computer Science and Engineering, P.A .Polytechnic, Nadupadav, Mangalore, Karnataka

**Title of Paper:** "Web Usage Mining: Web log Pre-processing and Online Visitor's Frequent Pattern Discovery", *International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 4, April 2016.*



Co-author: Prof. Sudheer Shetty

# Publications

## by Members

### Ms. Amita Rana, AMIE

JSS Academy of Technical Education, Noida, NCR

**Title of Paper:** "A Fuzzy-logic based Framework for Dynamic Channel Allocation with Improved Transmission in Cognitive Radio", *Proceedings of IEEE International Conference on 'Signal Processing' organised by Jaypee Institute of Information Technology at Noida December 26-28, 2016.*



Co-author(s): Bhupesh Aneja, Kanchan Sharma

### Mr. Rajiv Sharma, MIE

Cryogenic Mechanical Engineer, SST-1 Cryogenic Division, Institute for Plasma Research (Department of Atomic Energy, Government of India), Gandhinagar, Gujarat



**Title of Paper:** "Experience with Cryogenic Safety, Problems and Solutions", *Proceeding of 33rd DAE Safety and Occupational Health Professional Meet organized by Atomic Energy Regulatory Board and Institute for Plasma Research, Gandhinagar at EDI, Gandhinagar during November 23-25, 2016.*

23-25, 2016.

### Mr. Harnam Singh Farwaha, AMIE

Assistant Professor, Department of Mechanical Engineering, Guru Nanak Dev Engineering College, Ludhiana, Punjab

**Title of Paper:** "Design and Performance of Magnetic Abrasive Finishing Set Up for Finishing of Extended Surfaces", *Asian Review of Mechanical Engineering*, Vol. 5, Issue 1, January - June 2016, pp. 1-4.

Co-author: Dr. Sehijpal Singh



### Mr. B. A. Chivate, MIE

**Title of Paper:** "Season wise Water Allocation in Major Irrigation Projects in Maharashtra State", *Proceedings of International Conference on 'Technological Advances in Climate - Smart Agriculture and Sustainability 2017' organized by School of Earth Sciences, Swami Ramanand Teerth Marathwada University at SGGS College, Nanded, Maharashtra during January 16-18, 2017, pp. 410-413.*



Co-author: Dr. A.S. Garudkar

### Dr. P. Subha Karuvelam, MIE



• **Title of Paper:** "A Novel Technique for Real Time Implementation of SHE PWM in Single Phase Matrix Converter", *Tehnički Vjesnik - Tehnical Gazette, Croatia, Vol. 23, Issue 5, October 2016.*

• **Title of Paper:** "Field Oriented Control of Permanent Magnet Synchronous Motor", *Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 11, November 2016.*

### Mr. Subhendu Bikash Santra, AMIE

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



• **Title of Paper:** "Fuzzy Logic Based Loss Minimization Scheme for Brushless DC Motor Drive System" *IET Power Electronics, Vol. 9, Issue 8, March 2016, pp. 26.*

• **Title of Paper:** (a) "Stability Analysis and Control of Hybrid Solar and Wind System through NI C-RIO" and (b) "Design of a Novel Non-Isolated Boost Converter for Renewable Energy System", *IEEE 7th India International Conference on 'Power Electronics' 2016 organised by Thapar University, Patiala Punjab during November 17-19, 2016.*

Co-author(s): (a) Sameer Kumar Behera, C. K. Panigrahi  
(b) Mukesh Kumar Sahu, Debashis Chatterjee

# Publications

## by Members

### Mr. Matruprasad Rout, AMIE

- **Title of Paper:** "Evolution of Microstructure and Texture in 304 Austenitic Stainless Steel by Two Different Modes of Hot Rolling", *Proceedings of International Conference on 'Advances in Materials and Manufacturing' jointly organized by Osmania University and Defence Research and Development Laboratory (DRDL), Defence Research and Development Organisation (DRDO), Ministry of Defence, Government of India at Leonia Holistic Destination, Hyderabad during December 08-10, 2016, pp. 411-416.*



Co-author(s): Surjya K. Pal, Shiv B. Singh, Somjeet Biswas

- **Title of Paper:** "Study on Static Recrystallisation Behaviour of 304LN Stainless Steel by Two-Stage Compression Test", *Proceedings of 6th International and 27th All India Manufacturing Technology, Design and Research Conference 2016 organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune during December 16-18, 2016, pp. 1007-1011.*

Co-author(s): Ravi Ranjan, Surjya K. Pal, Shiv B. Singh

### Mr. Nilesh B. Bahadure, MIE

Associate Professor and Coordinator, Department of Electrical & Electronics Engineering and Electronics & Telecommunications Engineering and Dean Research & Development, Bhilai Institute of Technology Raipur, Kendri, New Raipur, Chhattisgarh



- **Title of Paper:** "Sign Language Detection with Voice Extraction in Matlab using Kinect Sensor", *International Journal of Computer Science and Information Security, Vol. 14, No. 12, December 2016.*

Co-author: Sankalp Verma

### Dr. M. Vasudevan, MIE

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



- **Title of Paper:** "Scenario-based Modeling of Mass Transfer Mechanisms at a Petroleum Contaminated Field Site-numerical Implications", *Journal of Environmental Management. Vol. 175, June 15, 2016, pp. 9-19.*

Co-author(s): Dr. G. Suresh Kumar, Dr. Indumathi M. Nambi

- **Title of Paper:** "Effect of Compositional Heterogeneity on Dissolution of Non-Ideal LNAPL Mixtures", *Journal of Contaminant Hydrology, Vol. 194, September 2016, pp. 10-16.*

Co-author(s): Johnston C.D., Bastow T.P., Lekmine G., Rayner J.L., Nambi I.M., Suresh Kumar G., Ravi Krishna R., Davis G.B.

### Mr. Vikram S. Kulkarni, AMIE

Nashik, Maharashtra

- **Title of Paper:** "Ergonomic Analysis of Postures of Building Construction Workers using RII & PATH Method", *International Journal of Innovative Research in Science, Engineering & Technology, Vol. 6, Issue 1, January 2017, pp. 1053-1060.*



- **Title of Paper:** "Comparison of PPE Cost vs. Accident Cost for Building Construction", *International Journal of Modern Trends in Engineering and Research, Vol. 4, Issue 1, January 28, 2017, pp. 167-173.*

- **Title of Paper:** "Factors Affecting Material Management on Construction Site", *International Research Journal of Engineering and Technology, Vol. 4, Issue 1, January 2017, pp. 474-478.*

# Publications

## by Members

### Dr. Aminul Islam, MIE

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



- **Title of Paper:** "A 2.5GHz Low Power, High-Q, Reliable Design of Active Bandpass Filter," *IEEE Transactions on Device and Materials Reliability*, Vol. PP, Issue: 99, January 11, 2017.

Co-author(s): Vikash Kumar, Rishab Mehra

- **Title of Paper:** "Analytical Modeling of Wrap-Gate Carbon Nanotube FETs with Parasitic Capacitances and Density of States," *IEEE Transactions on Electron Devices*, Vol. XX, No. 99, June 30, 2016, pp. 1-6.

Co-author(s): Vishesh Dokania, Vivek, Dixit, Shree Prakash Tiwari

- **Title of Paper:** "9T SRAM Cell for Reliable Ultralow-Power Applications and Solving Multi-Bit Soft-Error Issue," *IEEE Transactions on Device and Materials Reliability*, Vol. 16, No. 2, June 2016, pp. 172-182.

Co-author: Soumitra Pal

### Dr. M. K. Pradhan, MIE

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



- **Title of Paper:** (a) "Application of MCDM for Optimization of EDM of LM 6 Silicon Carbide Boron Carbide Hybrid Composite" and (b) "Electrical Discharge Machining of (Ti-6Al-4v) using RSM", *Proceedings of 6th International & 27th All India Manufacturing Technology, Design and Research Conference 2016 organized by College of Engineering, Pune during December 16-18, 2016*, (a) pp. 557-562 and (b) pp. 557-562.

Co-author(s): (a) Manish Gangil, Prabhat Ranjan Kumar and (b) Manish Gangil

### Mr. Deepankar Kumar Ashish, MIE

Department of Civil Engineering, Maharaja Agrasen  
University, Baddi, Solan, Himachal Pradesh



- **Title of Paper:** "Properties of Concrete Incorporating Waste Marble Powder as Partial Substitute of Cement and Sand", *Proceedings of Structures Congress 2016 organised by International Association of Structural Engineering & Mechanics and Korea Advanced Institute of Science & Technology in association with Techno-Press Journals at Jeju Island, Korea, August 28- September 1, 2016*.

- **Title of Paper:** "Properties of Concrete Incorporating Sand and Cement with Waste Marble Powder", *Advances in Concrete Construction (Techno-Press)*, Vol. 4, No. 2, December 2016, pp. 145-160.

- **Title of Paper:** "Performance of Bricks and Brick Masonry Prism Made using Coal Fly Ash and Coal Bottom", *Advances in Concrete Construction (Techno-Press)*, Vol. 4, No. 4, December 2016, pp. 231-242.

### Prof. (Dr.) G. K. Roy, FIE

Former Director, Department of Chemical Engineering,  
National Institute of Technology, Rourkela, Odisha



- **Title of Paper:** "Advanced Oxidation Processes (AOPs) for the Treatment of Textile Industry Waste Water", *Journal of the Indian Public Health Engineers*, Vol. XXXIV, No.2, July 2016.

Co-author(s): U. S. Behera, P. S. Krishna

- **Title of Paper:** "Prediction of Bed Pressure Drop, Fluctuation and Expansion for Three-phase Fluidization of Ternary Mixtures of Dolomite in a Conical Conduit", *Cogent Engineering (Taylor & Francis)*, Vol. 3, Issue 1, May 23, 2016.

Co-author(s): R. K. Padhi, D. T. K. Dora

# Publications

## by Members

### Mr. Ch. Maheswara Rao, AMIE

- **Title of Paper:** "Prediction of Optimal Designs for Material Removal Rate and Surface Roughness Characteristics", *International Journal of Lean Thinking*, Vol. 7, Issue 2, December 2016, pp. 24-46.



- **Title of Paper:** "Optimization of Cutting Parameters using Weighted Principal Component Analysis (WPCA) Combined with Grey Relational Analysis (GRA) while Turning of AA7075", *International Journal of Hybrid Information Technology*, Vol. 10, No. 1, January 2017, pp. 47-62.

### Mr. V. Suresh, AMIE

Assistant Professor, IQAC Co-ordinator, Department of Electronics and Computer Engineering, Vignan's Institute of Information Technology, Visakhapatnam, Andhra Pradesh



- **Title of Paper:** "A Maximum Entropy Model for Named Entity Recognition in Telugu Language", *International Journal of Engineering Sciences & Management Research*, Vol. 04, Issue 01, January 2017, pp. 50-57.

- **Title of Paper:** "Emerging Cloud based Content Delivery Networks", *International Journal of Computer Science Engineering*, Vol. 04, Issue 09, September 2016, pp. 64-71.

- **Title of Paper:** "Cataloguing Telugu Sentences by Hidden Markov Techniques", *International Journal of Advanced Research in Computer and Communication Engineering*, Vol. 05, Issue 08, August 2016, pp. 101-107.

### Dr. Anil Kumar, MIE

Associate Professor and Head, Department of Applied Science & Humanities, National Institute of Foundry & Forge Technology, Hatia, Ranchi, Jharkhand



- **Title of Paper:** "Comparative Behaviour of Nitrite and Nitrate for the Protection of Rebar Corrosion", *Journal of The Institution of Engineers (India): Series D*, Published online, October 22, 2016, pp. 1-11.

Co-author: Altaf Ahamad

### Mr. Vinit Kumar K. Modi, MIE

Lecturer (Selection Grade), Department of Mechanical Engineering, Bhailalbai & Bhikhabhai Institute of Technology, Vallbh Vijayanagar, Anand, Gujarat



- **Title of Paper:** "Status of Six Sigma and Other Quality Initiatives in Foundries across the Globe: A Critical Examination", *International Journal of Applied Industrial Engineering*, Vol. 4, January-June 2017, pp. 65-84.

Co-author: Dr. D. A. Dasai

- **Title of Paper:** "Review Paper: Quality Improvement through Six Sigma DMAIC Methodology in Plastic Injection Moulding", *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 5, Issue 12, December 2016, pp. 21112-21120.

- **Title of Paper:** "Critical problem of Technical and Vocational Education and their Remedies", *International Journal of Scientific Review and Research in Engineering and Technology*, Vol. 1, Issue 6, September-October 2016.

Co-author: Dr. D. K. Parmar

# Publications

## by Members

### Mr. K. S. Raghu Ram, MIE

Associate Professor and Assistant Head, Department of Mechanical Engineering, Vignan's Institute of Information Technology, Visakhapatnam, Andhra Pradesh



- Title of Paper:** "Mechanical Behaviour of Alumina Silicon Carbide Reinforced Particulate Reinforced Metal Matrix Composite", *Proceedings of International Conference on 'Advanced Materials Technologies 2016' organized by Dadi Institute of Engineering & Technology at Visakhapatnam, Andhra Pradesh during December 27-28, 2016.*

- Title of Paper:** "Stress Analysis of Traverse Beam Crane Hook Used in Steel Melting Shops of Steel Plant by ANSYS and CATIA", *American Journal of Mechanical and Industrial Engineering, Vol. 1, Issue 1, January 2017, pp. 37-40.*

### Mr. Rakesh Naru, MIE

Research Scholar, University of Petroleum and Energy Studies, Dehradun, Regional Manager – After Sales, Jaguar Land Rover India



**Title of Paper:** "India Auto Industry – A Review", *Proceedings of 5th International Conference on 'Management of Infrastructure' organized by University of Petroleum and Energy Studies, Dehradun at*

*College of Management & Economic Studies, Dehradun during February 09-10, 2017, Paper No. 68.*

### Mr. Mohammad Suhel, AMIE

Manager (Civil), Arbitration Cell, Contracts Civil Division, NHPC Ltd., Faridabad, Uttar Pradesh

**Title of Paper:** "Amendments in The Arbitration and Conciliation Act, 1996- Critical View on Time Limit for Passing Arbitral Award & Suggestions", *Proceedings of All India Seminar on 'Law & Practice of Arbitration in India as per the Amended Law' organized by Indian Institution of Technical Arbitrators, West Bengal State Centre at Kolkata on December 09, 2016.*



### Mr. Sharad Arun Bhad, AMIE

Assistant Professor, Department of Electronics and Telecommunication Engineering, Sinhgad Institute of Technology, Pune, Maharashtra



**Title of Paper:** "Enhancement of Energy Efficient Routing Protocol by Minimizing Energy Consumption in Wireless Sensor Networks", *International Journal of Advanced Research, Vol. 5, Issue 1, January 01, 2017.*

Co-author(s): Vikram M. Chavan, Nilesh S. Nalawade, Amol P. Nagime

### Mrs. Sushama Kolhe, AMIE

Head, Department of Electronics and Telecommunication Engineering, Guru Gobind Singh Polytechnic, Nasik, Maharashtra

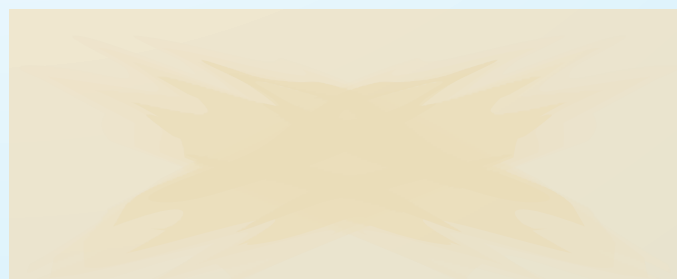


- Title of Paper:** "A Driverless Metro Train using 89s52 Microcontroller", *International Journal of Electronics and Electrical Engineering, Vol. 9, Issue 1, January 2017, pp. 57-61.*

- Title of Paper:** "Microcontroller based Advanced Electricity Consumption Monitoring System", *Proceedings of International Conference on 'Recent Development in Engineering, Science & Management' organised by National Institute of Technical Teachers Training & Research at Chandigarh on January 29, 2017.*

- Title of Paper:** "Attainment of Course Outcomes for Microcontroller Course by using Direct-Indirect Method", *International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 12, December 2016.*

Co-author: Vidya Palve



# Publications

## by Members

### Mrs. Sasmita Acharya, MIE

Assistant Professor, Department of Computer Application, Veer Surendra Sai University of Technology, Burla, Sambalpur, Odisha



- **Title of Paper:** "A Fuzzy Knowledge based Mechanism for Secure Data Aggregation in Wireless Sensor Networks", *Proceedings of 3rd International Conference on 'Computational Intelligence in Data Mining 2016' organised at KIIT University, Bhubaneswar during December 10-11, 2016.*

Co-author: Dr. C. R. Tripathy

- **Title of Paper:** "An ANFIS Estimator based Data Aggregation Scheme for Fault Tolerant Wireless Sensor Networks", *Journal of King Saud University, Published online, October 8, 2016.*

Co-author: Dr. C. R. Tripathy

### Mr. Basavaraj Palabhanvi, AMIE



- **Title of Paper:** "Continuous Cultivation of Lipid Rich Microalga *Chlorella* sp. FC2 IITG for Improved Biodiesel Productivity via Control Variable Optimization and Substrate Driven pH Control", *Bioresource Technology, Vol. 224, January 2017, pp. 481-489.*

Co-author(s): Muthusivaramapandian Muthuraj, Vikram Kumar, Mayurketan Mukherjee, Saumya Ahlawat, Debasish Das

### Mr. Suhas Kalchandra Upadhye, MIE

Assistant Professor, Soil and Water Conservation Engineering, Operational Research Project, All India Coordinated Research Project for Dryland Agriculture, Zonal Agricultural Research Station, Solapur, Maharashtra



- **Title of Paper:** "Trends in Rainfall and Rainy Days of Akola in Vidarbha Region", *Proceedings of 3rd National Conference on 'Water, Environment & Society 2016' organized by Centre for Water Resources, Institute of Science and Technology, Jawaharlal Nehru Technological University, Hyderabad during June 06-08, 2016, pp. 342-347.*

Co-author(s): S. M. Taley, A. P. Karunakar, K. A. Jadhav

- **Title of Paper:** "Water Auditing of a Small Watershed", *International Journal of Agricultural Sciences - Bio Info Publications, Vol. 8 (52), October 30, 2016, pp. 2477-2480.*

Co-author(s): Sonali Swagatika, S. M. Taley, M. U. Kale, M. S. Supe, G. R. Atal, K. A. Jadhav

- **Title of Paper:** "Soil Characteristics Mapping for Rukhed Watershed", *International Journal of Agricultural Sciences - Bio Info Publications, Vol. 8, Issue 58, pp. 3278-3282, November 2016.*

Co-author(s): D. B. Patil, S. M. Taley, M. U. Kale, M. S. Supe, K. A. Jadhav

### Mr. A. Krishna Murthy, FIE



- **Title of Paper:** "Water Conservation Methods in Telangana", *Annual Technical Volume of Civil Engineering Division Board, The Institution of Engineers (India), No. 2, December 2016.*

# Publications

## by Members

### Mr. T. Uma Santhosh, AMIE

Assistant Professor, Department of Mechanical Engineering, Sanketika Institute of Technology and Management, Visakhapatnam, Andhra Pradesh



- **Title of Paper:** "Design and Thermal Analysis of Piston", *International Journal of Research & Development Organisation - Journal of Mechanical and Civil Engineering*, Vol. 2, Issue 11, November 2016.

- **Title of Paper:** "Design and Fabrication of an Automatic Black Board Cleaner", *International Journal of Latest Research in Engineering and Technology*, Vol. 2, Issue 12, December 2016.

- **Title of Paper:** "Analysis of Spline Profile and Its Manufacturing", *International Journal of Latest Engineering Research and Applications*, Vol. 1, Issue 9, December 2016.

### Dr. Nataraj K. R., FIE

Professor and Head, Department of Electronics & Communication Engineering, SJB Institute of Technology, Bangalore, Karnataka



- **Title of Paper:** "Secure IOT Infrastructure Based Smart City Services using Augmented Reality Techniques", *International Journal of Engineering Research and Management*, Vol. 3, Issue 12, December 2016.

- **Title of Paper:** (a) "Implementation of Digital Modulator using Digital Multiplier for Wireless Application in Verilog and Cadence" and (b) "Bit Error Rate Analysis using QAM Modulation for Satellite Communication Link", *Recent Advancements and Effectual Research in Engineering, Science and Technology, Procedia Technology, Elsevier*, September 2016, (a)pp. 435-442 and (b) pp.456-463.

### Mr. Prodyut Maji, MIE

Deputy General Manager – Coal To Liquid Project, Adani Synenergy Limited, Ahmedabad, Gujarat



**Title of Paper:** "Effective utilization of Indian Coal Resources through Environment Friendly Gasification", *World Clean Coal Conference India 2017* organised by Poseidan Events at Hotel Radisson Blue, Delhi during January 18-19, 2017.

### Mr. Revati Raman, AMIE

Deputy Manager (Civil), SJVN Limited, Corporate Civil Design Department, Design U.K. Projects, Shanan, Shimla, Himachal Pradesh



**Title of Paper:** "Design and Construction of Tail Race System System of SJVN's Rampur Hydro Electric Project (412 MW)", *Proceeding of Tunneling Asia 2017-International Conference on 'Design, Construction and Risk Management in Underground Construction: Issues & Challenges'* organized by Central Board of Irrigation & Power held at Mumbai on February 09-10, 2017.

Co-author: Vivek Chand

### Mrs. Rachana C. R., AMIE

Associate Professor and Head, Department of Computer Science, PG Wing of S. B. R. R. Mahajana F. G. College, Pooja Bhagavat Mahajana Education Centre, Mysuru, Karnataka



**Title of Paper:** "Cloud Computing- A Unified Approach for Surveillance Issues", *Proceedings of International Conference on 'Advanced Material Technologies 2016'* organized by Dadi Institute of Engineering and Technology at Visakhapatnam, Andhra Pradesh on December 27-28, 2016, *Elsevier Materials Today*, pp. 342-348.

Co-author(s): Reshma Banu, Dr. G. F. Ali Ahammed, Dr. Parameshachari B. D.

# Publications

## by Members

### Mr. Vineet Aniya, AMIE

Scientist, Process Development and Design Group, Chemical Engineering Division, CSIR-Indian Institute of Chemical Technology, Ministry of Science & Technology, Government of India, Hyderabad, Telangana



• **Title of Paper:** "Measurement and Correlation Studies of the Saturated Vapour Pressure, Density, Refractive Indices and Viscosity of Methyl 4-tert-butylbenzoate", *Journal of Chemical Engineering Data (American Chemical Society)*, Vol.62, November 17, 2016, pp. 96-104.

• **Title of Paper:** "Measurement and Modelling of Solubility of  $MgCl_2$  in 2-methylpropan-2-ol + water + glycerol+ $MgCl_2$  System: A Solid-liquid Equilibrium Study based on Symmetric eNRTL Model and Evaluation of Thermodynamic Functions of Solutions", *Journal of Molecular Liquids (Elsevier)*, Vol. 221, September 30, 2016, pp. 262-270.

• **Title of Paper:** "Comprehensive Approach toward Dehydration of tert-Butyl Alcohol by Extractive Distillation: Entrainer Selection, Thermodynamic Modeling and Process Optimization", *Industrial & Engineering Chemistry Research (American Chemical Society)* Vol.55, June 3, 2016, pp. 6982-6995.

### Ms. Nisha K. Gopinath, MIE

Lecturer in Electronics, Women's Polytechnic College, Kottakkal, Kerala



**Title of Paper:** "Histogram based Automatic Image Registration", *International Journal of Electronics and Communication Engineering and Technology*, Vol. 7, Issue 4, July-August 2016, pp. 62-75.

### Mr. Avijit Mallick, AMIE

Reliance Power Ltd.



**Title of Paper:** "Carbon Dioxide Capture and Storage: A Challenging Steps for Indian Thermal Power Plant", *Annual Technical Volume of Interdisciplinary Coordination Committee, No. 1, December 2016.*

### Mr. Pradosh Kumar Adhvaryu, FIE

Associate Professor, Electrical Engineering Department, Bankura Unnayani Institute of Engineering, Bankura, West Bengal



**Title of Paper:** "Dynamic Economic Emission Load Dispatch of Hybrid Power System using Bio-inspired Social Spider Algorithm", *International Conference on 'Power Electronics, Intelligent Control and Energy System 2016' organized by IEEE Delhi Section and Delhi Technological University during July 04-06, 2016.*

### Mr. Suda Vijaya Bhaskar Reddy, MIE

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



**Title of Paper:** "Performance of Mineral Admixtures on Strength Properties of Ternary Blended Concrete", *e-Proceedings of Structural Engineering Convention 2016 organised by CSIR - Structural Engineering Research Centre (SERC), Chennai jointly with Indian Institute of Technology Madras and Anna University Chennai under the auspices of Indian Association for Structural Engineering and Indian Concrete Institute at CSIR - SERC Campus, Taramani, Chennai during December 21-23, 2016.*

Co-author: Dr. P. Srinivasa Rao

# *Programmes by Institutional Members*

## **National Level Model Competition "Electronics-Innovation (EI 4.0)"**

**March 09-10, 2017**

Asansol Engineering College  
Vivekananda Sarani, Kanyapur  
Asansol, Burdwan, West Bengal  
Contact : principal.aeowb@gmail.com  
sambitsmonal@gmail.com  
Mobile : 9475332733

## **National Conference on "Emerging Scenario in Power Engineering and Electrical Drives (espeed 2017)"**

**March 17-18, 2017**

K. S. Rangasamy College of Technology  
K. S. R. Kalvi Nagar, Tiruchengode, Namakkal, Tamilnadu  
Contact : hodeee@ksrct.ac.in  
gold571@yahoo.com  
Mobile : 9629422224

## **National Conference on "Recent Trends in Mechanical Engineering-RTME 2017"**

**April 27-28, 2017**

Vemana Institute of Technology  
Bangalore, Karnataka  
Contact : principal@vemanait.edu.in  
hodmechvit@vemanait.edu.in  
Mobile : 9972399797

# *Welcome to IEI*

## *New Institutional Members*



**Government College of  
Engineering, Tirunelveli**  
Tirunelveli, Tamilnadu



**Mahendra Institute  
of Technology**  
Mahendrapuri, Namakkal  
Tamilnadu



**Swami Vivekananda  
School of  
Engineering & Technology**  
Khordha, Odisha



**Reva University**  
Bengaluru, Karnataka



### **Mr. H. Kailasaraman, MIE**

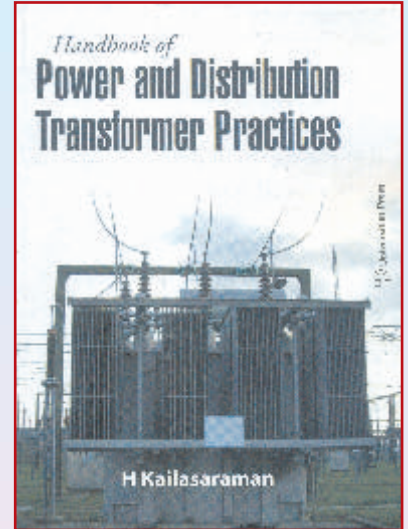
Former Executive Engineer, Tamil Nadu Electricity Board

**Publisher: Universities Press (India) Pvt. Ltd.**

#### **Title: Handbook of Power and Distribution Transformer Practices**

This handbook on power and distribution transformers has resulted from the author's desire to share the knowledge he has gained from his extensive exposure to these equipments with practising engineers. The invaluable experience of the author, specifically in the repair and maintenance of transformers and generally in other equipment has been documented in the book.

The aim of this book is to provide practical information on power transformers that will be useful to practising engineers. It begins with a review of the theory of transformers required for making use of the practical information provided later on in the book. The book can be used by graduate and postgraduate students of Power System Engineering to access the application part of transformers.



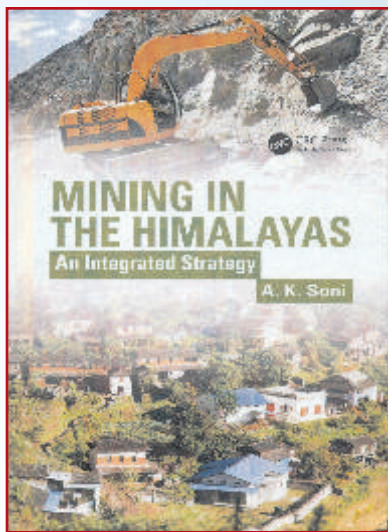
### **Dr. Abhay Kumar Soni, FIE**

Chief Scientist, CSIR- Central Institute of Mining and Fuel Research (CIMFR), Nagpur

**Publisher: CRC Press**

#### **Title: Mining in The Himalayas: An Integrated Strategy**

This book makes a concerted effort to explain how mining in the Himalayas is practiced and what is to be done in the future. Limestone is found in abundance in the Indian Himalayas; hence, its details are explained in the Himalayan mining practices and discussions are made on the repercussions of limestone mining with respect to the environment. Critiques and lacunas of mining and environmental practices are discussed at length and the case studies of limestone, magnesite and soapstone are described to illustrate the existing mining practices. Hill slope management and best mining practices can be dovetailed with the social fabric of the hilly Himalayas and scientific analysis can be made possible. Three decades of rich experience of the author explains how advance developmental planning can enhance the project efficiency.



This book contains some new, practical and eco-friendly solutions/ideas for the Himalayas. These new features are suggested for the readers and industrial organizations through different cases.

Environmental Degradation Index (EDI) for application especially in fragile areas especially is yet another new feature of this book. For the development of this analytical tool, that is EDI, the research

input based on field studies is taken and incorporated in this book. Environmental improvements in mining areas are the key benefits of reading this book.

# Professional Engineers Certification

by **IEI**

Under the mandate of the Royal Charter, conferred on 13 August 1935, The Institution of Engineers (India) is issuing Certificate of Competence to the engineers by way of Professional Engineer Certification known as P.Eng(India).

Professional Engineer (PE) Certification enables engineering professionals to advance their career inspiration in wide ranging ways. PE Certification not only enhances an engineering professional's stature, but also makes him/her suitable to attain higher levels of authority and responsibility. The contribution to career advancement is among the most important benefits of PE certified professional. Also P.Eng(India) Certification enables an engineer to become an independent consultant, a government engineer or an educator.

The Register for PE Certified Engineers is being maintained by IEI at national/regional level for benefits of various stakeholders.

The Institution of Engineers (India) has a laid down process to certify Professional Engineers details of which including the Guidelines, Application Form etc are available on our website [www.ieindia.org](http://www.ieindia.org).

All the Corporate Sectors/Industries are hereby requested to circulate the above information among all the Graduate Engineers and encourage them to obtain the Professional Engineer Certification. The intending Engineers may visit the above site for all details.

For any further query, may please contact:  
Assistant Director (Technical), DDG's Office, PE Cell  
Email: [pe@ieindia.org](mailto:pe@ieindia.org); Ph.no: 033 40106300/232

# Members' Speak

It gives immense pleasure to note that IEI publishes online newsletter and circulates to all of its members within a stipulated time. Also recognizes the deserved engineers for their achievement and encourages young and eminent engineers to achieve their respective branch of engineering.

**Hats off to IEI.**

**Mr. R. Madhavan, AMIE**

*Chartered Engineer, Approved Valuer*

**Fantastic**, 16 pages fully devoted to the members. It is once again very well laid out and readable with ease. If it can be alphabetical in the order of state and name, it will still be better. Congrats to the members. My appreciation to the Technical Department for encouraging them.

**Dr. Capt. M. Singaraja, FIE**

*Chairman, Senior Citizens Bureau & Editor, "LinkAge"*

*Vice President (South)*

*Indian Federation on Ageing and U3A India*

Happy to receive IEI Epitome regularly. It is a very good platform to connect with people of similar interests...

**All the best...!**

**Dr. M. Vasudevan, MIE**

*Assistant Professor Senior Grade*

*Department of Civil Engineering*

*Bannari Amman Institute of Technology*

*Sathyamangalam, Tamilnadu*

This Edition is really one of the best from the beginning and its giving valuable information about IEI activities on monthly basis and the growth of individual member. It will motivate to increase more members to join in IEI. I appreciate the IEI Technical Team effort especially respectable Director (Technical) Mr. Sengupta for his dedication towards this Epitome and its growth. Midnight also I am getting his reply that is proved his sincere effort of preparation to the next month and collecting information from all over India. Well done to all members and Editor of Epitome.

**Thanks a lot to IEI team especially Technical Team.**

**Mr. M. Charles Sahayaraj, AMIE**

I am delighted to see the IEI Epitome newsletter covered my participation in National premier think-tank, NITI Aayog as well as other Members' achievement, latest publications & book review etc. I would like to congratulate the highly qualified team for bringing out the IEI Epitome newsletter, which is really a **wonderful publication** and gives a platform to disseminate and update the important information among the members and readers. I personally thank the IEI Epitome for this good initiative. I am proud to be a Member of The Institution of Engineers (India) to share the knowledge innovation and technology transformation in day to day practical applications among the State Governments to improve cooperative federalism.

**Mr. Venkata Narayan Angina, MIE**

*Research Officer (Water Supply)*

*Rural Development Vertical*

*NITI Aayog, Government of India, New Delhi*

I am very much enlightened to read Epitome January, 2017. I am appreciating The Institution of Engineers (India) for this valuable publication and circulating it in large scale in Engineering Fraternity. It's really motivating and providing immense knowledge to Engineering Society in current scenario.

**Mr. Shubhankar Das, FIE**

*Deputy General Manager (Civil), Project Management*

*Ireo Victory Valley, Gurgaon*

**Disclaimer :** The information contained in IEI-epitome has been prepared solely for the purpose of providing information about the members of IEI to interested parties, and is not in any way binding on IEI.

IEI-epitome has been compiled in good faith by IEI, but no representation is made or warranty given (either express or implied) as to the completeness or accuracy of the information it contains. You are therefore requested to verify this information with the concerned person / organization before you act upon it.

**IEI epitome**

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