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IEI wishes
Very Happy
&
Prosperous New Year to
all Members

2017

Mr N B Vasoya – the New President of IEI



Mr Navinchandra B Vasoya, FIE, has been elected as the President of The Institution of Engineers (India) for the Session 2016-2017, during the 691st Council Meeting of the Institution hosted by the Uttarakhand State Centre on September 24, 2016 at Haridwar.

Mr Navinchandra B Vasoya graduated in Chemical Engineering from Gujarat University. Mr Vasoya ventured into the business of manufacturing edible oil, de-oiled cake, solvent refined oil and managed the solvent extraction plant along with the refinery and oil mill including export of de-oiled cake and HPS kernel. He also established two manufacturing units for dyes and intermediates. He was also engaged in preparation of end-to-end project reports for various manufacturing units. As a Managing Director of a company involved in consultancy, project management, industrial and engineering projects, construction of public infrastructure projects, industrial estate

development etc, Mr Vasoya delivered projects of national importance. He is a dynamic, result-driven leader with proven record in growth & customer development and also a Professional Engineer having diversified rich experience and expertise in Purchase, Sales & Marketing, Business Development, High Value Project Execution, Team Development, Mentoring & Coaching, Industrial Management, Marketing Management, Construction Management, Lead Generation, Forming Strategic Alliances, Financial & Operational Management and Compliances.

Mr Navin Vasoya is associated with and has been serving The Institution of Engineers (India) for more than two decades in various capacities. He was elected as Honorary Secretary for Session 2000-2002 and as Chairman, Gujarat State Centre, IEI for the Session 2002-2004. He was Vice-President of IEI during Session 2011-12. During his long association and involvement in the activities of IEI, he has served as the Chairman, Chemical Engineering Division Board during various Sessions. He led the delegation of IEI to attend IEA Convention at Sydney, Australia in 2012. He is Member of the Executive Committee of Federation of Engineering Institutions of South and Central Asia (FEISCA) and also FEISCA Representative to the World Federation of Engineering Organization (WFEO). Mr Vasoya is a Member of the Technical Standing Committee on "Information and Communication (WFEO - CIC)" for the term 2016-2019.

Mr Vasoya is also the Fellow of International Council of Consultants, Fellow of Indian Institution of Technical Arbitrators, Life Member of Indian Society of Technical Education, Member of Gujarat Chamber of Commerce & Industries and Member of Indo American Chamber of Commerce.

He has presented various papers at National and International Seminars and has widely travelled on various professional assignments countries like United States of America, United Kingdom, Germany, Belgium, France, Switzerland, Canada, Australia, China, Indonesia, Singapore, Malaysia, Thailand, Kenya, Nepal, Bangladesh, Sri Lanka, etc.

Mr Navinchandra B Vasoya assumed office as the President at the Ninety-seventh Annual General Meeting of the Institution held at Kolkata on December 18, 2016.

Members in the News



Dr. J. Arivudainambi, FIE

Professor and Head, Department of Aeronautical Engineering, Adhiyamaan College of Engineering, Hosur and Honorary Secretary, Hosur Local Centre, IEI

Honoured with 'Dr. A. P. J. Abdul Kalam Teaching Excellence Award 2016' on October 22, 2016 in recognition of his contribution in Teaching and Research & Development activities by Marina Research and Development Laboratory, Chennai.



Dr. Rupa Ch, AMIE

Professor, Department of Computer Science Engineering, V. R. Siddhartha Engineering College, Vijayawada

Invited as a Panel Speaker to deliver a talk on "Privacy Preservation of ROI of Medical Images with Squint Pixel and PLSB" on the occasion of 22nd International Conference on Virtual System and Multimedia (VSMM) 2016 organised by Sunway University at Kaula Lumpur, Malaysia during October 19-21, 2016.

Dr. Ramakrishna Akula, MIE

Won prestigious 'ASQ Quality Professionals Award 2016' for his contribution to quality and excellence domains. The award was presented by Andrew Baines, Managing Director ASQ Global during ASQ MEA (Middle East, Africa) Regional Quality Conference 2016 at Dubai on October 19, 2016.



Mr Vimalathithan D P, AMIE

Lecturer, Department of Chemical Engineering, CIT Sandwich Polytechnic College, Coimbatore, Tamil Nadu

Invited as Jury for the Symposium on "PetroChemix2k16" organised by EICT Polytechnic College, Tiruppur on September 08, 2016.



Dr. Manne Suneetha, FIE

Professor and Head, Department of Information Technology, V. R. Siddhartha Engineering College, Vijayawada

Invited as Chief Guest for the Inaugural Program of the Workshop on "3D Game Development in Unity 3D" and acted as a resource person which is organized by B. Siddhartha College of Arts & Science, Vijayawada during August 05-06, 2016.



Mr. J. Ernesto X. C. J. Moniz, FIE

Engineering Consultant & Registered Valuer, Margao, Goa

Felicitated as "Eminent Engineering Personality" at the 32nd National Convention of Civil Engineer on the topic "Role of Civil Engineering in Sustainable Development of India" held during October 21-22, 2016 at Goa organized by The Institution of Engineers (India), Goa State Centre. The felicitation was done at the hands of the Governor of Goa, Smt. (Dr.) Mridula Sinha in recognition of his contribution to the field of Civil Engineers in planning and designing of various types of structures in the state of Goa, Maharashtra and Karnataka.

Dr. Bhuvaneshwari C Melinamath, MIE

Obtained PhD on the topic "Automatic Morphosyntactic Annotator System for Kannada" in Computer and Information Science from Central University of Hyderabad on October 27, 2016.



Members in the News



Mr. Balkar Singh, MIE

Assistant General Manager, Punjab Energy Development Agency, Chandigarh

Promoted to the post of Assistant General Manager, Punjab Energy Development Agency (a State Government undertaking) on

September 23, 2016.

Ms. Chirasree Roy Chaudhuri, MIE

Department of Electronics and Telecommunication Engineering, Indian Institute of Engineering Science and Technology Shibpur

Delivered a lecture as an Invited Speaker at the Workshop on 'The Modeling, Fabrication and Characterization of Bio-electronic Devices, Circuits and Systems', August 30-31, 2016 organized by Center for Research in Nanoelectronics, University of Calcutta.



Mr. Thennavarajan S, AMIE

Technical Officer Grade III , Propulsion/Bearings Lab (RDI), CSIR-NAL, NWTC, Belur, Bangalore

Won Popular Choice Poster Award for his work on the topic "FSI and Modal Analysis of Elastic Ring Squeeze Film Damper for Small Gas Turbine Engines" in COMSOL Conference 2016 organised by COMSOL Multiphysics at Hotel Movenpick, Bangalore during October 20-21, 2016.

Mr. Joginder Singh, AMIE

Junior Engineer, Military Engineer Services, Chandigarh

Obtained Master of Engineering in Civil Engineering (Structures) from PEC University of Technology, Chandigarh on October 22, 2016.



His M.E. thesis was on the topic, "Strength and Durability Characteristics of Bricks made using Fly Ash and Bottom Ash" under the supervision of Dr. S. K. Verma, Associate Professor, Civil Engineering Department of PEC University of Technology.

Mr. Pranjal Kumar Phukan, MIE

Received "Leadership Excellence in Supply Chain Innovation" in the first edition of Indian Leadership Awards 2016 from World Leadership Federation, Mumbai at the Hotel Leela, Mumbai on November 30, 2016.



Dr. K. M. Parammasivam, FIE

Professor, Anna University

Felicitated as the Eminent Engineering Personality at the 30th National Convention of Aerospace Engineers on 'Aerospace Technology: Future Trends and Developments' organised by The Institution of Engineers (India), Hosur Local Centre during November 25-26, 2016 at Hosur for his valuable contribution in the field of Aerospace Engineering. He has also delivered the Dr Vikram Sarabhai Memorial Lecture on this occasion.

Members in the News



Dr. S. Mohideen Badhusha, AMIE

Invited as Chief Guest for the Inaugural Session of the National Level Symposium on 'Cybertians Forward on Goal 2k16' organized by Tagore Institute of Engineering and Technology, Attur, Tamil Nadu on

September 15, 2016 and delivered a lecture on the topic "Opportunities for Engineering Students in Current IT Scenario".

Dr. P. P. Mittal, FIE

Director, A-Z Energy Engineers Pvt. Ltd., New Delhi

❖ Awarded with "Energy Engineer - 2016" of South East Asia by Association of Energy Engineers, Atlanta on September 20, 2016 for his contribution as an accredited Energy Auditor.



❖ He received first prize from Mr. Narendra Modi, Hon'ble Prime Minister, India on October 18, 2016 at Ludhiana, on behalf of his company, for securing the first position in Micro Services Sector.

Dr. Capt. M. Singaraja, FIE

Chairman, Senior Citizens Bureau & Editor, "LinkAge", Vice President (South), Indian Federation on Ageing & U3A India

❖ Represented India in International Conference organised by University of Third Age (U3A) held at Ageless Centre, Asia Pacific Trade Centre, Osaka, Japan during October 11-12, 2016.



❖ He has also presented a paper on "Road Blocks to Promote Intergenerational Cooperation in Indian Context – Case Studies" during the Conference, which was attended by more than 120 delegates from 28 countries of Asia Pacific Alliance and Europe.



Mr. Bikash Routh, MIE

Received 'Innovative Professional Award' for his contribution in the field of Engineering & Technology Management Science [First Level] from Society of Professional Engineers@ India at Chennai on August 28, 2016.

Dr. M. S. Venkata Ramayya, FIE

General Manager, Singareni Collieries Co. Ltd, Ramagundam, Telangana



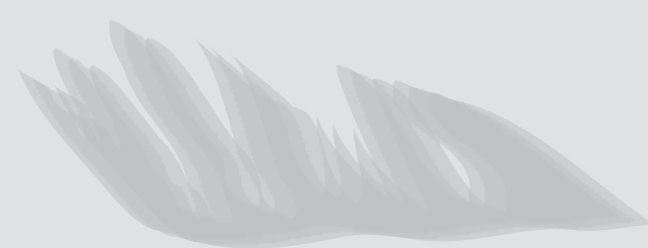
Delivered Keynote speech on "Application of Nanotechnology for Underground Roof Bolting" at the International Conference on Recent Advances in Rock Engineering, a specialized Conference of the International Society for Rock Mechanics organized by National Institute of Rock Mechanics, Bangalore at Movenpik Hotel & Spa, Bangalore during November 16-18, 2016.



Mr. Ankit Shukla, AMIE

Development Engineer, QuEST Global, Bangalore

Received "On The Fly" award in recognition of his contribution as part of the Development Team for supporting Rolls Royce Development Aero-engines for the month of August 2016.



Publications by Members



Dr. S. Vathsar, FIE

❖ **Title of Paper:** "Current Trends in Repetitive Process Control of Power Electronics Systems", *Proceedings of 2nd National Conference on 'Recent Advances in Science & Technology' organised by Seemant Institute of Technology, Pithoragarh,*

Uttarakhand during August 22-23, 2016, pp 307-311.

❖ **Title of Paper:** "Kalman Filter on Power Electronics & Power System Applications", *International Journal of Trend in Research and Development, Vol. 3 No. 3, June 2016, pp 281-290.*

❖ **Title of Paper:** "Smokeless Solid Propellants Performance in Various Grain Configurations for a Missile Application", *International Journal of Research in Engineering & Applied Science, Vol. 6, Issue 3, March 2016.*



Mr. Ajay Kumar Gangwar, AMIE

Research Scholar, Department of Electronics Engineering, Aligarh Muslim University, Aligarh

❖ **Title of Paper:** "A SSRR based Multiband Antenna for Mobile Phone", *Proceedings of 22nd National Conference on Communication*

organised by Indian Institute of Technology Guwahati at Guwahati during March 04-06, 2016.

Co-author: M S Alam

❖ **Title of paper:** "A SSRR based Multiband Reconfigurable Monopole Antenna", *Proceedings of IEEE Student Technology Symposium organised by Indian Institute of Technology Kharagpur during September 30-October 02, 2016.*

Co-author: M S Alam



Dr. Archanaa Dongre, MIE

Professor and Head, Department of Civil Engineering, Vidya Jyothi Institute of Technology, Hyderabad

Title of Paper: "State-of-The-Art Literature Review on Inelastic Behavior of RC Infill Brick Masonry Buildings", *International Journal of*

Earth Sciences and Engineering, Vol. 09, No. 02, April 2016, pp 469-478.

Co-author: Pradeep Kumar Ramancharla



Dr. J. Arivudainambi, FIE

Professor and Head, Department of Aeronautical Engineering, Adhiyamaan College of Engineering, Hosur and Honorary Secretary, Hosur Local Centre, IEI

Title of Paper: "Design Optimization and Static Analysis of a Lug Joint Located between Fuselage and Wing Structure of Transport Aircraft", *International Journal of Transylvanian Review, Special Issue, Vol. XXIV, No. 8, 2016, pp 1126-1134.*



Mr. A. O. Surendranathan, FIE

❖ **Title of Paper:** "Effect of Preheating and Post Heating on Diffusible Hydrogen Content and HAC of Modified 9Cr – 1 Mo Steel Welds", *Proceedings of International Welding Symposium 2016 organized by the Indian Welding Society at Mumbai during October 05-07, 2016, pp 247-261.*

Co-author(s): R. Rejeesh, V. Ramasubbu, Shaju K. Albert, S. Abhijith

❖ **Title of Paper:** "Failure Analysis of Cracking in Service-exposed Austenitic Stainless Steel Pipe Lines", *Proceedings of International Welding Symposium 2016 organized by the Indian Welding Society at Mumbai during October 05-07, 2016, pp 263-278.*

Co-author(s): Abhijith S., Sreevidya N., Shaju K. Albert, Vinod V., Rejeesh R.



Dr. G. Babu Rao, MIE

Sr. Assistant Professor, Department of Chemical Engineering, GMR Institute of Technology (Autonomous), Srikakulam, Andhra Pradesh

Title of Paper: "Potential use of Molecular Sieves for the Removal of Ni²⁺ Metal Ion: Kinetics, Isotherms and Thermodynamic Studies", *Journal of The Institution of Engineers (India): Series E, Vol. 97, Issue 2, July-December 2016, pp 183-192.*

Publications by Members



Dr. N. Kirubanandasarathy, MIE

Professor, Department of Electronics and Communication Engineering, Syed Ammal Engineering College, Tamil Nadu

❖ **Title of Paper:** “Design of MOD-R2MDC FFT for MIMO OFDM in Wireless

Telecommunication System”, *Telecommunication Systems*, Vol. 63, Issue 3, November 2016, pp 457–463.

❖ **Title of Paper:** “Design of Pipeline R2MDC FFT for Implementation of MIMO OFDM Transceivers using FPGA”, *Telecommunication Systems*, Vol. 63, Issue 3, November 2016, pp 465–471.

Dr. Rakesh Kumar Malviya, AMIE

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

Title of Paper: “Green Supply Chain Management (GSCM): A Structured Literature Review and Research Implications”, *Benchmarking: An International Journal*, Vol. No. 22, Issue 7, 2015, pp 1360-1394.



Dr. A. Kumaravel, FIE

Professor and Head, Department of Mechanical Engineering, KS Rangasamy College of Technology, Tiruchengode

❖ **Title of Paper:** “Mechanical and Thermal Properties of *Acacia leucophloea* Fiber/Epoxy Composites: Influence of Fiber Loading and Alkali Treatment”, *International Journal of Polymer Analysis and Characterization*, Vol. 21, Issue No. 3, September 2016, pp 571–583.



Co-author(s): V. P. Arthanarieswaran, M. Kathirselvam, S. S. Saravanakumar

❖ **Title of Paper:** “Acoustic Emission Testing of the Machining Performance of SiC Grinding Wheel Shaped Al_2O_3 Ceramics”, *Materials Testing*, Vol. 58, October 2016, pp 908–912.

Co-author(s): P. Kanakarajan, S. Sundaram, R. Rajasekar, R. Venkatachalam



Mr. Matruprasad Rout, AMIE

Title of Paper: “Finite Element Simulation of a Cross Rolling Process”, *Journal of Manufacturing Processes*, Vol. 24 (1), 2016, pp 283-292.

Mr. Venkata Ajay Kumar. G, AMIE

Assistant Professor, Annamacharya Institute of Technology & Sciences, Rajampet, Andhra Pradesh

Title of Paper: “A Study on the Optimization Performance of PSO in Manufacturing Process”, *Proceedings of 4th National Conference on Innovations in Mechanical Engineering* organised by Madanapalle Institute of Technology & Science at Madanapalle during October 21-22, 2016.

Co-author: K. L. Narasimhamu



Dr. Ch Hari Krishna, MIE

Associate Professor, Department of Mechanical Engineering, Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh

Title of Paper: “Effect of Aging on Hardness in the Upsetting Tests using Experimental and Finite Element Investigations”, *Proceedings of The Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, September 26, 2016.

Co-author(s): M J Davidson, Ch Nagaraju

Mr. R P Singh Kushwah, AMIE

Associate Professor and Head, Department of Civil Engineering, Arya College of Engineering and Research Centre, Jaipur, Rajasthan

Title of Paper: “Utilization of ‘Marble Slurry’ in Cement Mortar”, *International Journal of Research and Scientific Innovation*, Vol. III, Issue VII, July 2016.

Co-author: Dr. Om Prakash



Publications by Members



Mr. Adil Nasser, AMIE

Title of Paper: "Optimal Planning Approach for a Cost Effective and Reliable Microgrid", *IEEE Xplore, International Conference on Cogeneration, Small Power Plants and District Energy 2016* organised

by Energy Field of Study, Asian Institute of Technology, Pathumthani, Thailand and technically sponsored by IEEE Power & Energy Society (PES) at Bangkok International Trade & Exhibition Centre (BITEC), Thailand during September 14-16, 2016.

Mr. Sharad Arun Bhad, AMIE

Assistant Professor, Department of Electronics and Telecommunication Engineering, Sinhgad Institute of Technology, Lonavala, Tal-Vadgaon Malav, Pune, Maharashtra



Title of Paper: "Li-Fi: The Future Technology in Wireless Communication", *International Journal of Latest Technology in Engineering, Management & Applied Science*, Vol. 4, Issue 7, August 2015.

Dr. A. M. Vasumathi, FIE

Vice Principal & Professor, Department of Civil Engineering, Sethu Institute of Technology, Pulloor, Tamil Nadu



Title of Paper: "Biogas Production by Co-digestion of Municipal Sewage and Municipal Solid Waste", *Proceedings of International Journal of Advances in Science Engineering and Technology*, Special Issue, February 02, 2016, pp 202-205.

Title of Paper: "Biomedical Waste Segregation based on Hybridization of Self Organizing Map Clusters with Particle Swarm Optimization", *International Journal of Advanced Engineering Technology*, Vol. VII, Issue I, January-March 2016, pp 500-508.

Title of Paper: "A Comprehensive Review of Phase Change Materials in Construction", *Advances in Natural and Applied Sciences*, Vol. 10(3), March 2016, pp 43-48.

Mr. N. Bhanu Prakasham Reddy, AMIE

Title of Paper: "Effect of Angle of Inclination on Non-uniform Flow through Porous Media" *Journal of Porous Media*, Vol. 18 (9), September 2015, pp 879-892.



Co-author(s): S. Krishnaiah, M. Rama Krishna Reddy

Title of Paper: "Effect of Convergent and Divergent Boundaries on Flow Resistance through Porous Media", *Journal of The Institution of Engineers (India): Series A*, Vol. 96, Issue 4, October-December 2015, pp 301-309.

Dr. Ravi Kumar Gupta, AMIE

Post-Doc Fellow (ProRegio), IRCCyN - IS3P, Ecole Centrale de Nantes, France



Title of Paper: "Co-Definition of Product Structure and Production Network for Frugal Innovation Perspectives: Towards a Modular-based Approach", *Elsevier Procedia CIRP*, 26th CIRP Design Conference organised by The Scientific Technical Committee Design of the International Academy for Production Engineering at Stockholm during June 15-17, 2016, Vol. 50, pp 589-594.

Co-author(s): F. Belkadi, J. Buerger, Y. Zhang, A. Bernard, G. Lanza, M. Colledani, M. Urgo.

Title of Paper: "Defeaturing Sheet Metal Part Model based on Feature Information", *Proceedings of 12th Annual International CAD Conference (CAD Solutions, LLC.)* organised by University of Greenwich, London at London, UK in July 22-25, 2015, pp 297-302.

Co-author(s): Y Kulkarni, A Sahasrabudhe, M Kale, A Bernard

Title of Paper: "Functional Modelling to Bond Graph Organs: Move from Problem Space to Solution Space for Supporting the Specification of Models in the Modelling and Simulation Context", *Proceedings of 5th Series of International Conference on Product Lifecycle Modelling, Simulation and Synthesis* organised by Defence Research and Development Organisation, Indian Institute of Science, Bangalore and Birla Institute of Technology & Science, Pilani in India during December 15-17, 2015.

Co-author(s): E. Coatanéa, R. Roca, A. Bernard

Publications by Members



Ms. Chirasree Roy Chaudhuri, MIE

Department of Electronics and Telecommunication Engineering, Indian Institute of Engineering Science and Technology, Shibpur

❖ **Title of Paper:** "Attomolar Sensitivity of FET Biosensor Based on Smooth and Reliable Graphene

Nanogrids", *IEEE Transaction on Electron Device Letters*, Vol.37, No.4, 2016, pp 492-495.

Co-author: J. Basu

❖ **Title of Paper:** "Design Issues for Performance Enhancement in Nanostructured Silicon Oxide Biosensors: Modeling the Frequency Response", *IEEE Transactions on Electron Devices*, Vol.63, 2016, pp 3241.

Co-author(s): H. Ghosh, D. Kundu

❖ **Title of Paper:** "Real Time Monitoring of Wound Healing on Nano-patterned Substrates: Non-invasive Impedance Spectroscopy Technique", *IEEE Transactions on Nanotechnology*, Vol. 15, 2016, pp 791-800.

Co-author(s): D. Mondal, R. Bose

Mr. Thennavarajan S, AMIE

Technical Officer Grade III, Propulsion/Bearings Lab (RDI), CSIR-NAL, NWTC, Belur, Bangalore

Title of Paper: "FSI and Modal Analysis of Elastic Ring Squeeze Film Damper for Small Gas Turbine Engines", *Proceedings of COMSOL Multiphysics Conference 2016, organised by COMSOL Multiphysics at Movenpick Hotel, Bangalore during October 20-21, 2016.*

Co-author(s): Jeyaraj P, Manikandan L P, S S Kulkarni, Soumendu Jana



Mr. Amit Jain, MIE

Assistant Professor, Department of Chemical Engineering, Institute of Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh

Title of Paper: "Aqueous Extraction of Bitter Gourd

(*Momordica charantia* L.) Juice and Optimization of Operating Conditions", *Fruits*, Vol. 71(6), 2016, pp 379-387.



Mr. Pranjal Kumar Phukan, MIE

Title of Paper: "Devise/Formulate an Appropriate Design and Technology Transfer Process to Existing Bamboo Processing Craftsmen and Handicrafts Industry to Use Modern Manufacturing Processes and Methodology to be Effective in

Forming the Supply Chain for Mass Manufacturing of Bamboo Based Products in Construction and Housing as Wood Substitute", *International Journal of Research in Engineering & Technology, Special Edition, November 2016*, pp 1-18.

Mr. Rahul Bajirao Hodage, AMIE, Chartered Engineer (India)

Assistant Professor, Department of Civil Engineering, Savitribai Phule University, Pune

Title of Paper: "Multi Criteria Decision Making Approach for Success Potential of Real Estate Project", *International Journal of Recent Technology and Engineering*, Vol. 5, Issue 3, July 2016, pp 32-37.

Co-author: Dr. R. K. Lad



Mr. Manoj Kumar Kar, FIE

❖ **Title of Paper:** "Implementation of Planned Maintenance using TPM Methodology for a Bi-Cycle Manufacturing Industry", *International Journal of Mechanical Engineering & Technology*, Vol. 07, Issue 6, November-December 2016.

❖ **Title of Paper:** "Impact of Patent Regime on SME Sector - Engineering Area", *International Journal of Intellectual Property Rights*, Vol. 07, Issue 1, January-December 2016.

Mr. Krishna Nirmalya Sen, FIE

❖ **Title of Paper:** "Fuzzy Inference Model for Assessing Occupational Risks in Construction Sites", *International Journal of Industrial Ergonomics*, Vol. 55C, 2016, pp 114-128.



Book



Review

Mr. Bijay Bahadur, MIE

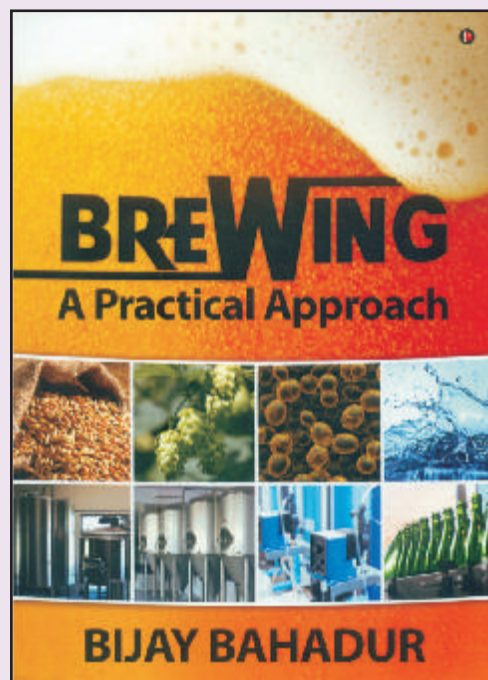
Publisher : Notion Press

Brewing: A Practical Approach

This Book is for practicing brewers, students pursuing a career in brewing science and consultants who are imparting technical services to the breweries, and have the interest to learn and are determined to expand their knowledge accordingly. It is intended to help brewers and consultants in breweries both large and small. It is not addressed to any specific 'level' of the management.

Practically, it is impossible to describe all aspects of the various types of brewing processes in depth. However, the book can be understood by people working in the alcoholic beverages industry without a degree/diploma in brewing science or technology or even detailed knowledge in these areas. It is not for those who need to be spoon-fed orders and/or instructions, or need a manual to operate the brewery. Everything in this book is entirely in accord with the percepts of brewing experience and personal judgement and dedication.

With topics ranging from the ingredients to formulation to operation of the brewery, this book acts as a handy guide for the topic of brewing. With each chapter presenting detailed information, tips and practical pitfalls, there is enough and more to equip the reader with a deeper and broader understanding of the industry.

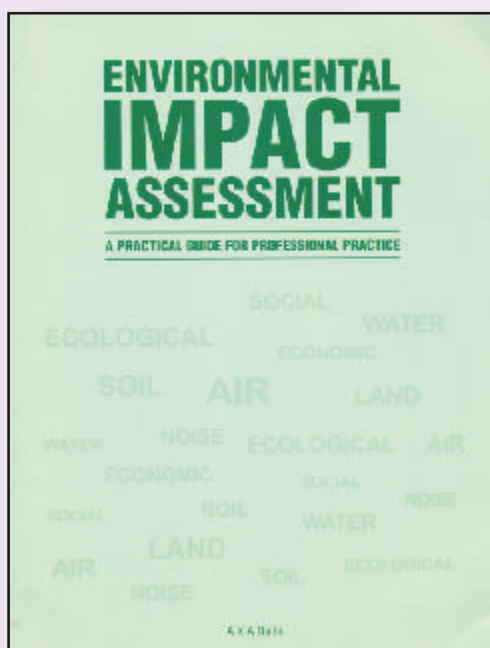


Prof. (Dr.) A. K. A. Rathi, FIE

*Former Professor, CEPT University, Former Director (Environment), Government of Gujarat
Former Chief Technical Adviser, Government of Gujarat*

Publisher: Akar Unlimited

Environmental Impact Assessment: A Practical Guide for Professional Practice



An attempt is made in the book to include basic aspects of EIA and different components of environment and practical guidelines on the process of preparing EIA reports for green field as well as brown field projects. Whereas what needs to be included in a typical EIA report is highlighted as output of any study and assessment, detailing of how is beyond the scope of this book considering that deep understanding is required on each environmental component and that enormous literature is available on the same.

The book will be useful to the EIA professionals, EIA review/appraisal authorities and project proponents especially in the emerging economies. The students taking courses on environmental management and EIA will find this book useful in learning practical aspects. Based on the analysis of shortcomings observed in several EIA reports evaluated by the author, salient features of a good EIA report are highlighted to help professionals preparing/reviewing such reports. Environmental management program (in place of plan) terminology is proposed to emphasize that it needs to be implementable. Case studies included on some sectors viz. mining, thermal power, port and harbour, chemical and allied, cement, cross-country pipelines and area development and construction projects are intended for broadening horizon of the professionals interested/involved in EIA-related studies.

Members

Speak

Cdr A K Poothia, FIE

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

Please accept my hearty congratulations for e-issue of IEI Epitome which is of high quality in content and in quality of production as well this time. Great job.

Dr. J. Arivudainambi, FIE

Professor and Head, Department of Aeronautical Engineering, Adhiyamaan College of Engineering, Hosur, Honorary Secretary, Hosur Local Centre, IEI

I appreciate the IEI for publishing Epitome which is the boost for IEI members.

Dr. N. Kirubanandasarathy, MIE

Professor, Department of Electronics and Communication Engineering, Syed Ammal Engineering College, Lanthai, Ramanathapuram, Tamilnadu

I am very glad to see our e-Newsletter titled IEI Epitome every month, which gives very useful information about our Institution's activity as well as members' activities. I congratulate all who working behind to release this e-newsletter every month.

Mr. Balkar Singh, MIE

Assistant General Manager, Punjab Energy Development Agency, Chandigarh

I IEI Epitome is really a wonderful publication which gives a platform to disseminate and update the important information among the members and readers. The members can share their achievements/publications easily. I personally thank the IEI Epitome for this good initiative.

Mr. Ankit Shukla, AMIE

Development Engineer, QuEST Global, Bangalore, Karnataka

I would like to extend my thanks to the entire Editorial team of the IEI Epitome for continuously encouraging the readers by publishing the achievements and publications of the members on a regular basis. According to me it does motivate the readers to work in different fields and come up with their contribution as well. This is actually a nice platform to share with everyone the efforts and accomplishments being put in by the members of the IEI.

Dr. M. S. Venkata Ramayya, FIE

General Manager, Singareni Collieries Co. Ltd, Ramagundam

Please accept my sincere appreciation to The Institution of Engineers (India) for launching of e-Newsletter titled IEI Epitome.

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.

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IEI epitome

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