

PRIZES AND AWARDS



The various prizes and awards, the titles of the winning papers along with the authors' names are listed hereunder.

The Institution Prize (2 Nos.)

M S Ballal, Z J Khan and R L Sonolikar for their paper entitled 'ANN Approach for the Incipient Faults Detection in Single Phase Induction Motor'

R Sharma and O P Sha for their paper entitled 'Shipping Demand Forecasting for the Development of an Integrated Container Shipping Model for Indian Ports'

The K F Antia Memorial Prize

V P Sethi and Dr S K Sharma for their paper entitled 'Effect of Aquifer Water Thermal Control System on Greenhouse Vegetable Raising'

The Corps of Engineers Prize

Dr S C Saxena, Dr V Kumar and V K Giri for their paper entitled 'Non-arrhythmic ECG Data Compression using EBP-NN and Feature Extraction using Wavelet Transform'

The Institution Prize (Donated by Col G N Bajpai)

S Paul, A Jana and P K Mitra for their paper entitled 'Study on Bioelectrochemical Fuel Cell with Algae'

The E P Nicolaides Prize

Dr N Ganesan, Dr P V Indira and Ms R Abraham for their paper entitled 'Behaviour of Steel Fibre Reinforced High Performance Concrete Members under Flexure'

The John C Gammon Prize

A Ghosh, S S Hota and Dr D Chakravorty for their paper entitled 'Damped Motions of Cylindrical Shell Roofs by Finite Element'

The Corps of Electrical and Mechanical Engineers' Prize

K Tripathi and Dr M D Agrawal for their paper entitled 'Dynamic Modelling of Engagement of Automotive Clutch with Diaphragm Spring'

The Union Ministry of Water Resources : Department of Irrigation Prize

S C Yaragal and M K Nagaraj for their paper entitled 'Combined Optimisation Simulation Model for Groundwater Management Policy Options'

The Union Ministry of Energy : Department of Power Prize

D Thukaram, H P Khincha and B Ravikumar for their paper entitled 'Visual Aided Approach for Practical Distribution Systems Analysis and Improvements'

The Sir Arthur Cotton Memorial Prize

S M V Narayana, N Kumara Swamy and G Abbaiah for their paper entitled 'Enhancement of Durability of Normal Strength Concrete using Flyash and Heavy Weight Microfine Barytes Filler-Study of Acid Resistance'

The George Oomen Memorial Prize

Dr D K Singha Roy for his paper entitled 'Suitability of Blast Furnace Slag as Coarse Aggregate in Concrete'

The Dr Jai Krishna Prize

Dr D Choudhury for his paper entitled 'Response of Soil Slopes under Earthquake Conditions using 2-dof Dynamic Model'

The Sir Rajendra Nath Mookerjee Memorial Prize

Dr D P Mishra for his paper entitled 'An Experimental Study of an Impinging LPG/Air Premixed Flame'

The Pandit Madan Mohan Malaviya Memorial Prize

Prof (Dr) P K Hota and Dr S K Dash for their paper entitled 'Economic Load Dispatching of Generating Units with Multiple Fuel Options'

The Sir Thomas Ward Memorial Prize

Prof S K Shah and Ms D D Vishwakarma for their paper entitled 'Fuzzy Logic based Two Stage Partial Parallel Interference Canceller for DS-CDMA System'

The Shrimati Saroma Sanyal Memorial Prize

A K Tiwari and G N Nayak for their paper entitled 'Water Abundance and Effect of Glacier Melting at Priyadarshini Lake in Antarctica'

The Nawab Zain Yar Jung Bahadur Memorial Prize

Prof (Dr) D S Bhargava, Dr (Ms) B Tyagi and Dr (Ms) S Gakkhar for their paper entitled 'Polynomialization of Bhargava Models for DO Sag Elements'

The Dr Rajendra Prasad Memorial Prize

Dr G H Lind for his paper entitled 'A Risk Management Approach for Extracting Underground Coal Pillars'

The Sir Ganga Ram Memorial Prize

Dr J S N Murthy, T Shuwana and Dr T Sankarshana for their paper entitled 'Hydrodynamics of Gas-solid Fluidization of Binary Mixtures in Tapered Beds'

The Jawaharlal Nehru Memorial Prize

Pei-Chi Chang, Che-ming Chiang and Dr Chi-ming Lai for their paper entitled 'Diverse Applications of the Hybrid Small-scale Wind Power and PV System in Land Aquafarms in Taiwan'

The Hem Prabha - S N Gupta Prize

Ms P Binjolkar and Dr A K Keshari for their paper entitled 'Estimating Geomorphological Parameters using GIS for Tilaiya Reservoir Catchment'

The Hindustan Zinc Limited Prize

Prof (Dr) S K Mukhopadhyay and Prof (Dr) D Deb for their paper entitled 'Stope Design below an Abandoned Open Pit Mine by 3D Numerical Modelling for a Chromite Deposit'

The N K Iyengar Memorial Prize

S Bhat and Prof V G Ukadgaonker for their paper entitled 'Examination of Crack Tip Near and Normal to a Strength Mismatched Bimetallic Interface : A Review'

The Dr Triguna Charan Sen Prize

C Vigneswaran and Dr N Anbumani for their paper entitled 'Effects of Weight Reduction Treatment by Partial Alkaline Hydrolysis of Physical Properties of Polyester Rotor Spun Yarns'

The Brij Mohan Lal Memorial Prize

Dr P K Pradhan for his paper entitled 'Horizontal Impedance of Rigid Circular Foundation Resting on Layered Soil'

The Prof R C Singh Prize

Dr S Ranjan for his paper entitled 'Hydraulics of Jet Aerators'

The Tata Rao Prize

Ms K Selvi, Dr N Ramaraj and Ms M Bhavani for their paper

entitled 'Total Transfer Capability Evaluation using Genetic Algorithms'

The Rekha Nandi and Bhupesh Nandi Prize

Dr U Sharma, Dr B S Kapoor, Dr S John and S Sharma for their paper entitled 'Road Transport Related NOx Pollution in Chandigarh - a Case Study'

The Suchit Kumar Ghosh Memorial Prize

K S Shibukumar, R Leslie and Ms K Girija for their paper entitled 'Locating Damages in Cable Stayed Bridges using Flexibility Index Method'

The Aerospace Engineering Division Prize

D P Mishra and A Majee for their paper entitled 'Experimental and Numerical Studies of Combustion of a Single n-Heptane Droplet'

The Agricultural Engineering Division Prize

RT Thokal and DM Mahale for their paper entitled 'Influence of Meteorological Variables on Weekly, Monthly and Seasonal Pan Evaporation under Humid Climatic Conditions of Dapoli'

The Architectural Engineering Division Prize

S Das for his paper entitled 'Techniques and Technologies for Enhancing Total Building Performance at the Project Development Stage'

The Computer Engineering Division Prize

V Rihani, A Bandlish, V Singh, V Soni and V Aggarwal for their paper entitled 'A Hybrid Protocol for Local Area Networks'

The Metallurgical and Materials Engineering Division Prize

Dr S Datta for his paper entitled 'In Search of Non-linearity in Composition-processing-property Correlation of Microalloyed High Strength Steel'

The Production Engineering Division Prize

B Bepari, Dr S Pal, M Kumar and Prof (Dr) S R Deb for their paper entitled 'Object Oriented Dynamic Validation of Multi-degrees of Freedom Dextrous Robot Gripper'

The Dr M Visvesvaraya Award 2008

C D Goswami, K Sarkar, R S Chakravarty and A K Saxena for their paper entitled 'Role of Power Sector (Power Plant Performance Optimisation in Particular) in Achieving Energy Security for India'

The SAIL Award 2008

Dr S Bhattacharya, U K Vishwakarma, P Misra and R C Khowala for their paper entitled 'Meeting the Challenges of a Growing Demand for Steel in India'

The Railway Board's Prize

- Dr S Chandrakaran, P Vijayan and Dr N Ganesan for their paper entitled 'A Simplified Procedure for Design of Machine Foundations Subjected to Vertical Vibrations'
- P Agarwal and V K Verma for their paper entitled 'Parameter Coordination of Microcomputer Controlled CSI Fed Induction Motor Drive'

NDRF Design Awards 2008

The National Design and Research Forum (NDRF) - a peripheral body of the IEI, have instituted these awards with a view to promote advancement of engineering design and to facilitate exchange of ideas on its different aspects. During the Twenty-third Indian Engineering Congress at Warangal, following Design Awards for the year 2008 were given away.

National Design Award

Dr K Ramachandra, distinguished former Director of Gas Turbine Research Establishment, Defence Research Development Organisation, (DRDO), Government of India, Bengaluru, has experience of more than three decades in the fields of design and development, teaching and training. He has not only steered the country's gas turbine engine programmes for many strategic defence applications but has also handled several indigenous mechanical engineering challenges for civilian applications. He is currently a part of the team spearheading a major Indian initiative in design and development of Micro Air Vehicles.

Suman Sharma Award

Smt S Geetha, distinguished Deputy Project Director (Mission), Geo-synchronous Satellite Launch Vehicle Project, VSSC, Thiruvananthapuram, started her career at VSSC as an Engineer in the field of Control Systems. She is responsible for the mission planning, design, pre-flight synthesis and digital simulations for GSLV project to inject Indian National Satellite (INSAT) series in geosynchronous orbits and also for Human in Space Programme (HSP).



Smt S Geetha

Environmental Engg Design Award



Dr V Sundar

Dr V Sundar is distinguished Professor, Department of Ocean Engineering, Indian Institute of Technology Madras, since 1996. He has completed three Indo-German projects sponsored by DFG and Volkswagen Stiftung, Germany apart from various governmental projects. As a Consultant, he handled several assignments related to Port and Harbours, Coastal Engineering problems, etc. He has been nominated as Expert in the Coastal Protection Development Committee, Government of India.

Mechanical Engg Design Award

Shri M Akbar Hussain Baig is distinguished Scientist at Defence Metallurgical Research Laboratory (DMRL), Hyderabad. Shri Baig, a mechanical engineer, joined DMRL, Hyderabad, in the year 1980. He has outstanding contributions in the field of die design and manufacturing, dimensional inspection and quality control, reverse engineering, coordinate measuring machine (CMM), rapid prototyping, etc. In addition he has also built-up the dimensional evaluations of strategies of pattern dies as well as aerofoil castings using advanced CMM inspection techniques which benefit a number of strategic programmes for defence and civilian power sectors.



AROUND THE WORLD

International Conference on 'Multimedia, Signal Processing and Communication Technologies'

March 14-16, 2009, Aligarh, India
Contact : Prof M Salim Beg, Convener, Department of Electronics Engineering, Z H College of Engineering and Technology, Aligarh Muslim University, Aligarh 202 002, Uttar Pradesh, India, [Tel/fax: +91-571-2721148/2700961; e-mail : impact2009@gmail.com / salim.beg@amu.ac.in; Web: www.impact2009.com]

Second Climate Change Technology Conference

May 12-15, 2009, Hamilton, Ontario, Canada
Contact : Dr John Plant, Conference Secretary, Engineering Institute of Canada, 1295 Hwy 2 East, Kingston, ON, K7L 4V1; [Tel: 613 547 5989 8914; ; Fax: 613 547 0195; e-mail : info@canoe-about.ca; Web : www.cctc2009.ca]

International Seminar on 'Advances in Traction Technology in High Speed Trains and Modernization of Mass Rapid Transit System in Metropolises'

May 22-24, 2009, Kolkata, India
Contact : The Honorary Secretary, IEI, West Bengal State Centre, 8, Gokhale Road, Kolkata 700 020 [Tel: 91 033 2223 8914; ; Fax: 91 033 2223 3140; e-mail : iei.wbsc@gmail.com]

fib Symposium on 'Concrete : 21st Century Superhero'

June 22 - 24, 2009; London, UK
Contact : Mr Louise Coleman, Greater London House, Hampstead Road, London, NW1 7EJ, UK; e-mail : louise.coleman@emap.com; Web : www.fiblondon09.com]

Conference on 'Earthquake and Tsunami'

June 22-24, 2009, Istanbul, Turkey
Contact : Organising Secretariat, Insaat Muhendisleri Odasi (TCCE), Necatibey C. 57, 06440 Ankara, Turkey [Tel: +90 312 294 3041; ; Fax: +90 312 294 3088; e-mail : eqt2009@imo.org.tr; Web: www.imo.org.tr/eqt2009]

International Conference on 'Infrastructural Development of Expansive Soils'

August 27-29, 2009, Tamilnadu, India
Contact : Dr S Suresh Babu, Convener, Head, Department of Civil Engineering, Adhiyamaan College of Engineering, Dr M G R Nagar, Hosur 635 109, Tamilnadu, [Tel: 91-4344-261011 / 323003; Fax : 91-4344-260573 e-mail : indexconference@gmail.com; Web : www.adhiyamaanindex09.com]

The Third International fib Congress and Exhibition on 'Think Globally, Build Locally'

May 29 - June 02, 2010; Washington DC, USA
Contact : Precast/Prestressed Concrete Institute (PCI); 209 West Jackson Boulevard, Suite 500, Chicago, IL 60606-6938; Tel: (312) 786-0300; Fax: (312)786-0353; e-mail : info@fib2010washington.com; Web : www.fib2010washington.com]