

Workshop and Symposium Schedule (Final)

IWMSID 2013

7th-9th February 2013

School of Infrastructure

Indian Institute of Technology Bhubaneswar

Time	Program	Session & Venue
Day 1 : Workshop on Indian Water Management in 21st Century (7th February 2013)		
9:00 AM – 10:00 AM	Registration	Auditorium
10:00 AM – 10:30 AM	Inauguration	Auditorium
10:30 AM – 11:00 AM	Hi-Tea Time	Auditorium
11:10 AM – 12:05 PM	Lecture by Prof. Asis Majumder, Jadavpur University, Kolkata	Session – A (Workshop Complex)
12:05 PM – 1:00 PM	Lecture by Prof. M. M. Ghangrekar, IIT Kharagpur	
1:00 PM – 2:00 PM	Luncheon	Workshop Complex
2:00 PM – 2:55 PM	Lecture by Er. N. K. Mohapatra, Chief Engineer, Minor Irrigation, Odisha	Session – B (Workshop Complex)
2:55 PM – 3:50 PM	Lecture by Prof. S. C. Dutta, IIT Bhubaneswar	
3:50 PM – 4:05 PM	Tea Time	Workshop Complex
4:05 PM – 5:00 PM	Discussion by participants / Technical Presentations	Workshop Complex
7:30 PM – 9:30 PM	Gala Dinner	-
Day 2 : Symposium on Sustainable Infrastructure Development (8th February 2013)		
8:30 AM – 9:30 AM	Registration and Breakfast	Workshop Complex
9:30 AM – 10:30 AM	Lecture by Prof. Subhasish Dey, IIT Kharagpur Topic: Turbulent Flow Characteristics: General Features	Session – I (Workshop Complex) Session Chairman: Prof. S. Dey
10:30 AM – 10:40 AM	Turbulent Flow Field in Clear Water Equilibrium Scour Hole at Triangular Pier <i>by Subhasish Das, Sayan Thakurta, Rajib Das and Asis Mazumdar</i>	
10:40 AM – 10:50 AM	At site flood frequency analysis for the tel subbasin of mahanadi, Odisha <i>by Nibedita Guru and Ramakar Jha</i>	
10:50 AM – 11:00 AM	An Analysis of Trend for Water Quality Parameters of River Brahmani <i>by Murnmayee M Sahoo and K C Patra</i>	
11:00 AM – 11:10 AM	Design of a Minor Irrigation Canal at Lucknow, Uttar Pradesh <i>by Pooja Pandey, B. L. Agarwal and K. C. Patra</i>	
11:10 AM – 11:20 AM	A comparative analysis of manging water for rainfed agriculture <i>by Ankur Khare, Animesh Yadav and Aayush Sharma</i>	
11:20 AM – 11:30 AM	Runoff estimation of a typical ungauged	

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	basin of Odisha <i>by Janaki Ballav Swain and Ramakar Jha</i>	
11: 30 AM – 11:45 AM	Tea Break	Workshop Complex
11:45 PM – 12:30 PM	Lecture by Prof. Somnath Ghosh, Jadavpur University Topic: Fly ash Based Geopolymer Composites: Manufacturing and Engineering Properties	Session – II (Workshop Complex) Session Chairman: Prof. S. Ghosh
12:30 PM – 12:40 PM	Influence of Recycled Coarse Aggregate on Strength Properties of Concrete <i>by K. C. Panda and T. Jena</i>	
12:40 AM – 12:50 PM	Strengthening of concrete column using glass fibre reinforced polymer (GFRP) <i>by Arpita Das, Somnath Karmakar and Showmen Saha</i>	
12:50 PM – 1:00 PM	High performance abrasion resistant concrete at spillway <i>by V K Mauriyya, V K Angra</i>	
1:00 PM – 2:00 PM	Luncheon	Workshop Complex
2:00 PM – 2:50 PM	Lecture by Prof. Bhargava Maitra, IIT Kharagpur Topic: Trip makers' perception towards bus system attributes in Kolkata	Session – III (Workshop Complex) Session Chairman: Prof. B. Maitra
2:50 PM – 3:00 PM	Level of service criteria for Urban walking environment in Indian Context <i>by R. Sahani and P. K. Bhuyan</i>	
3:00 PM – 3:10 PM	Inter- layer strength of bituminous paving layers– a laboratory case study <i>by Jyoti Prakash Giri, Mahabir Panda and Ujjal Chattaraj</i>	
3:10 PM – 3:20 PM	Role of Refuse Transfer Station in Modern Solid Waste Transportation Systems <i>by Harshul Parekh, K D Yadav, S M Yadav and N C Shah</i>	
3:20 PM – 3:30 PM	An Investigation on Deformation Characteristics of Flexible Pavements <i>by B. G. Mohapatro and R.C. Pradhan</i>	
3:30 PM – 3:40 PM	Tea Break	Workshop Complex
3:40 PM – 3:50 PM	Characterization of Hindon River Water Quality <i>by Snigdhendubala Pradhan, Pradeep Kumar and Indu Mehrotra</i>	Session – IV
3:50 PM – 4:00 PM	Primary Study on the Toxic Heavy Metals in the Urban Runoff of Delhi <i>by Sippy K Chauhan, Vijay Bahadur Yadav Anuradha Shukla, Sanjiv Sinha, S Gangopadhyay and Nahar Singh</i>	
4:00 PM – 4:10 PM	Environmental Considerations of Ferrochrome Slag as Reusable Material <i>by C R Panda, K C</i>	

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	<i>Panda, K K Mishra, B D Nayak and B B Nayak</i>	
4:10 PM – 4:20 PM	Degradation of Tetracycline Hydrochloride by Nano Manganese Dioxide in Aqueous Phase <i>by Prateeksha Mahamallik and Dr. Anjali Pal</i>	Session – IV (Workshop Complex)
4:20 PM – 4:30 PM	Selective Removal of Malachite Green and Methyl Orange from Water using Adsorbent: Batch study <i>by Devu Surendran and Anjali Pal</i>	
4:30 PM – 4:40 PM	Removal of Acid Orange 8 from wastewater using polyaniline <i>by Subrat Kumar Mallick, Saswati Chakraborty</i>	
4:40 PM – 4:50 PM	Biological Phosphorus Removal In A Batch Reactor In Conjunction With Biodegradable Organics Removal <i>by Varsha Datta, Pradyut Kundu, Somnath Mukherjee</i>	
4:50 PM – 5:00 PM	Simultaneous Removal of Organic Carbon and Nitrogen from Wastewater Sample in Sequential Batch Reactor <i>by Supriyo Goswami, Pradyut Kundu and Somnath Mukherjee</i>	
5:00 PM – 5:10 PM	Evaluation of Substituted Phenol Biodegradation Performance by <i>Arthrobacter chlorophenolicus</i> A6 in Mixed Substrate System <i>by Naresh Kumar Sahoo</i>	
7:30 PM – 8:30 PM	Symposium Dinner	Workshop Complex
Day 3 : Symposium on Sustainable Infrastructure Development (9th February 2013)		
9:00 AM – 9:30 AM	Breakfast	Workshop Complex
9:30 AM – 9:40 AM	The response of shear wall with protective barrier under blast loading <i>by Piyali Basu, Somnath Karmakar, Amit Shaw and Showmen Saha</i>	Session – V
9:40 AM- 9:50 AM	Failure Location of concrete bridge under blast loading <i>by Somnath Karmakar, Amit Shaw and Showmen Saha</i>	
9:50 AM – 10:00 AM	Performance assessment of vertical irregular buildings using fragility curves <i>by Monalisa Priyadarshini</i>	
10:00 AM – 10:10 AM	Contribution to Controlled Demolition <i>by Raja Sekhar Mamillapalli, Suraj Kumar Sahu and Ganesh Kumar G</i>	
10:10 AM – 10:20 AM	Performance Indicators for Measuring	

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	Performance of Construction Projects <i>by Devanshu Pandit and S. M. Yadav</i>	Session – V (Workshop Complex) Session Chairman: Prof. S. C. Dutta	
10:20 AM – 10:30 AM	Numerical Study of Surface Pressure on Square Plan Shape Tall Building <i>by Souvik Chakraborty, Sujit Kumar Dalui</i>		
10:30 AM – 10:40 AM	A Comparative Study on the Determination of Porosity of Concrete by Mercury Intrusion Porosimetry and Diffusion Characteristics <i>by B.B. Das and D. N.Singh</i>		
10:40 AM – 10:50 AM	Settlement Prediction of Inclined Loaded Strip Footing on Granular Soil by ANN <i>by R Sahu, R N Behera and C R Patra</i>		
10:50 AM – 11:00 PM	Application of Artificial Neural Network for Prediction of Settlement of Strip Footing Subjected to Eccentric Load over Dry Sand Bed <i>by Rupashree Ragini Sahoo, Rabi Narayan Behera and Chittaranjan Patra</i>		
11:00 AM – 11:10 AM	Impedance for Circular Foundations in Dynamic SSI Analysis: A Distributed Approach <i>by Debojyoti Panda, Sauradeep Bhowmick and Rana Roy</i>		
11:10 AM – 11:20 AM	Experimental analysis on electrokinetic process <i>by Sasmita Sahoo</i>		
11:20 AM – 11:30 AM	Corrosion Mechanism in Reinforced Concrete Structures -An Appraisal <i>by N. C. Moharana and Bikash Chandra Panda</i>		
11:30 AM – 11:40 AM	Tea Break		Workshop Complex
11:40 AM – 11:50 PM	Trend Analysis of Temporal and Spatial Pattern Rainfall for Hyderabad Metropolitan City <i>by C Malika and R Ashwini</i>		Session – VI (Workshop Complex)
11:50 AM – 12:00 PM	Wall and Bed Shear Distribution in Meandering Channels <i>by M Patnaik , L Mohanty and K C Patra</i>		
12:00 PM – 12:10 PM	Lateral Distribution Of Depth-Averaged Velocity In Trapezoidal Meandering Channels <i>by L Mohanty, M Patnaik and K C Patra</i>		
12:10 PM – 12:20 PM	Hydraulic transient analysis of SHP: A MCDM application for optimum penstock design <i>by Priyabrata Adhikary, Somnath Pal, Pankaj Kumar Roy and Asis Mazumdar</i>		
12:20 PM – 1:30 PM	Luncheon	Workshop Complex	
1:40 PM – 3:00 PM	Valedictory Session	Workshop Complex	
3:00 PM – 3:15 PM	Tea Time	Workshop Complex	