

Technical Session: TS-IA		Date : 08/12/2016	Time: 1215 to 1330 Hrs
Theme : Water Resources & Hydrology		Venue: Auditorium	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	107	Command Area Development and Water Management Through Participatory Approach	Vishnu Arya
2	117	Dam Gate Operation and Water Management Using Water Resource Management Information System (WRMIS)	Pratap Singh Solanki, Omkar Potekar, Siddharth Roman, Swapni IDhumal, Akshay Dhadave
3	123	Economic and Efficient Method of Design of a Flumed Canal Fall	S. K. Mazumder
4	129	Investigation of Turbulent Flow Statistics and Bed Morphology around Circular Bridge Pier	Rutuja Chavan, B. Venkataramana
5	133	Crop and Irrigation Water Requirement Estimation for Wheat Crop	Arun Goel, D.K Gautam
6	134	Spatial Techniques in Crop Suitability Analysis of Mahi Sub-Basin	Roshni T, Suraj Kumar, Pandey N. G.
7	379	Development of Inflow forecasting Model for Reservoir using RTDAS	Dr. R. K. Jaiswal

Technical Session: TS-IB		Date : 08/12/2016	Time: 1215 to 1330 Hrs
Theme : Coastal Engineering		Venue: Cavitation Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	109	Wave-Current Turbulent Flow over Submerged Tandem Obstacles	Krishnendu Barman, Koustuv Debnath
2	115	Infilling the Missing Information in H.E. Radar Data	Dauji Saha, M.C. Deo, Kapilesh Bhargava
3	124	Vortex Synchronization Control Around Partially Submerged Cylinder due to Wave Current Combined Flow	Sayahnya Roy
4	126	Modeling Shoreline Changes at Nemmeli due to Cofferdam Construction	Tavva Abhishek, S Sankar, B K Jena, Vijaya Ravichandran
5	128	Study of Turbulent Eddies in an Open Channel Flow with Wave against Current	Sidhartha S. Samantaray, Sayahnya Roy, KoustuvDebnath
6	149	Application of ANN in Prediction of Reflection Coefficient for an Emerged Perforated Semicircular Breakwater	K. Suman, A.V. Hegde
7	153	Optimizing the opening angle of the harbor wall in an oscillating water column	Daniel Raj. D, Sundar. V and Sannasiraj. S.A
8	154	Experimental Investigation of Wave Attenuation through Artificial Vegetation Meadow	Beena Mary John, Kiran G Shirlal, SubbaRao
9	157	Prefeasibility Studies on Seawater Intake System for Ballast Water Treatment Technologies Test Facility	R.Saravanan, G.Ram. P.KrishnaSai, VijayaRavichandran

Technical Session: TS-IC		Date : 08/12/2016	Time: 1215 to 1330 Hrs
Theme : Environmental and Climate Change		Venue: CDC Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	130	Impact of Climate Change on Water Resources of Krishna River Basin	Ch.Tirupathi, T. Shashidhar
2	162	Analysis of Trends and Variability of Precipitation over a Century in Eastern Ganga Canal Command, India	RadhaKrishan, AyushChandrakar, Bhaskar R. Nikam, Deepak Khare
3	172	Planning, Expansion and Improvements to Municipal Water Supply System- a Case Study	Ch.Bhargav, M.Anjaneshwar, E.Raju,R.Tharun, N.Ruben, E.Venkata Rathnam
4	175	Multiple Water Quality Modeling By ANN Using Levenberg-Marquardt and Bayesian Regularization Training Function for a Water Treatment Plant	D.V. Wadkar, Dr.A.S.Kote
5	197	Trend Analysis of Climate Variables and Extreme Climate Indices ofWayanadu District	Anjali Vijay & Dinesan V P
6	236	Application of Dynamic Programming for Optimization of Sewage Collection System Network	Rajendra D. Karanjkar, ArunSankpal, Pravin S. Chaudhari
7	264	Modellingof Household Rooftop Rainwater Collection Systems	Jairaj, Athulya P.

Technical Session: TS-ID		Date : 08/12/2016	Time: 1215 to 1330 Hrs
Theme : Fluvial Hydraulics		Location: DOHI Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1			
2	105	Turbulent Characteristics of Flow over Regular Large Bottom Roughness	Santosh Kumar Singh
3	116	Flume Study on Contraction Scour in Clay- Sand Mixed Cohesive Bed	S. Chaudhuri, K. Debnath, M.K. Manik
4	119	Multiple Methods for Comparison of Bed Shear Stress in Plane and Curvilinear Cross Section Mobile Bed Channel	Anurag Sharma, Bimlesh Kumar
5	141	Scour Depth Prediction at Bridge Abutments in Cohesive Bed Using Group Method of Data Handling	Mohd Danish, JavedAlam, Mohammad Muzzammil
6	178	Variation of Velocity and Pressure in Vortex Motion	Abdul Rehman
7	189	Three Dimensional Flow Field Analysis around Fully Submerged Square Cylinder over Plane Bed	K.P. Bauri, A. Sarkar

Technical Session: TS-IIA		Date : 08/12/2016	Time: 1430 to 1530 Hrs
Theme : Water Resources & Hydrology		Venue: Auditorium	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	142	On Utility of Nonparametric Methods for Frequency Analysis of Floods Triggered in Indian Catchments by Mixture of Mechanisms	Swapn Kumar Masanta, Prof. V. V. Srinivas
2	144	Simulation of Pressure Variations within Punagam Water Distribution System Using Watergems	Darshan Mehta
3	146	Extending Open Source GIS Support to Estimate Crop Water Needs of a Watershed	Drisya J, Sathish Kumar D
4	156	Optimization of Reservoir Operation Using Jaya Algorithm	Vartika Paliwal, Aniruddha D Ghare, Ashwini B Mirajkar
5	170	Estimation of Soil Moisture and Its Application to Irrigation Water Allocation : a Review	Priyamitra Munoth, RohitGoyal
6	181	Estimation of Crop Water Requirement and Irrigation Scheduling Using CROPWAT	Inayat Shah, Dr. T.M.V. Suryanarayana, Dr.Falguni Parekh
7	183	Simulation of Rainfall Runoff of Shipra River Basin Using Mike 11 NAM	Deepak Chouhan, H.L. Tiwari, AnkitBalvanshi

Technical Session: TS-IIB		Date : 08/12/2016	Time: 1430 to 1530 Hrs
Theme : Coastal Engineering		Venue: Cavitation Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	242	Geosyntheticsin Coastal Protection: An Indian Overview	MrsVaishnavi Dabir, Dr. KanchanKhare
2	256	Impact of Extension of Jetty on Hydrodynamic and Sedimentation Aspects	A K Singh, L.R. Ranganath Karthikeyan.M., M.D. Kudale
3	273	Assessing Shoreline Changes and Inundation area along Gahirmatha Coast Using Geospatial Techniques	Santosh Kori, D. Mitra, M. D. Kudale
4	293	Remedial Measures to Reduce Siltation in a Fishing Harbour Using Numerical Modeling	A.S.Borkar, A.M. Vaidya2 M.D. Kudale2
5	311	Development ofFlotilla Berths at New Mangalore Port on the Waves Exposed Region with Spending Beach	H.B. Jagadeesh, Subba Rao, A.S. Chalawadi,, T. Nagendra
6	319	Impact of Wave and Tide Induced Currents on Siltation in Fishing Harbourat Thottappally	V. B. Sharma, Mahesh Sawant, Prabhat Chandra, T. Nagendra
7	325	Measuring port performance and productivity	Dayanandashetty K.

Technical Session: TS-II C		Date : 08/12/2016	Time: 1430 to 1530 Hrs
Theme : Environmental and Climate Change		Venue: CDC Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	282	Statistical Downscaling of Rainfall and Temperature for the KBK Region Of Odisha, India	P. K. Mishra, Sharad Kumar Jain, Sanjay Kumar Jain
2	302	Urban Growth Pattern Assessment Using Spatial Metrics	Ankita Dadhich, Rohit Goyal, P.N. Dadhich
3	308	Numerical Simulation of Thermal Plume Re-Circulation in a Shallow Area on the East Coast of India	J. Sinha, S.N. Jha., M.D. Kudale
4	333	Performance of Bias Correction Methods for Malaprabha Catchment, India	Amogh Mudbhatkal,, A. Mahesha
5	455	A Study on Impact of Climate Change in Temperature and Precipitation Characteristics of Cherrapunjee, Meghalaya	Jayshree Hazarika, Arup Kumar Sarma
6	459	Accounting for Water Supply and Demand Using Water Evaluation and Planning (WEAP) Model for Tapi District, Gujarat	Surabhi Saxena
7	488	Assessment of Environmental Flow in Tawang River Basin	Suman Kumar Padhee, Vinay Chembolu, Subashisa Dutta, Saroj Kanta Barik, Dibyendu Adhikari
8	505	An Approach for Designing Underground Sewage Treatment Plant: a Case Study for Pune City (Maharashtra)	Yuvraj Pralhad Chavan, Akshay Shah , Sharad Shinde, Pradip Wakchaure

Technical Session: TS-II D		Date : 08/12/2016	Time: 1430 to 1530 Hrs
Theme : Fluvial Hydraulics		Location: DOHI Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	198	The Impact of Flood Mitigation Scheme on Sediment Transport for Kemaman River Basin	Nasehir E. M. Yahaya
2	201	Characteristics of Scour Holes at Bridge Piers Placed In Staggered Arrangement	Mubeen Beg
3	212	Numerical Modeling of Vertical Contraction Scour in a River Bed	Subhadip Das, Arun Kumar Saha, Shivam Tripathi
4	222	Impacts of River Interventions on Alluvial Channel Morphology	C.Pradhan ; V.Chembolu ; S.Dutta
6	240	A Brief Introduction of Soil Erosion Models	Bikram Prasad, HI Tiwari
7	283	A Study on the B Factor in Sediment-Laden Flow through Open Channels	Koeli Ghoshal, Manotosh Kumbhakar

Technical Session: TS-III A		Date : 08/12/2016	Time: 1545 to 1700 Hrs
Theme : Water Resources & Hydrology		Venue: Auditorium	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	184	Reliability Assessment of Water Distribution Networks Accounting for Pipe Failure	Swati Sirsant
2	186	Rainfall Runoff Modelling Using Fuzzy Logic and Modified NRCS-CN Methods	P. Sundara Kumar, T.V.PraveenAnd M. Anjanaya Prasad
3	188	Simulation of Sediment Yield Using Routing Model with Remote Sensing and GIS Techniques	P. Sundara Kumar, T.V.PraveenAnd M. Anjanaya Prasad
4	194	Seasonal Reservoir Water Level Prediction Using Wavelet Based ANFIS and Fuzzy Regression Models	Arup Patra, Nilotpal Debbarma
5	216	Peak Flood Probability Analysis: a Case Study ofPanam Dam, Gujarat, India	P.B.Mistry, Dr.T.M.V.Suryanarayana
6	218	Estimation of Discharge for Gabion Weirs.	Karthika Priyadarsiny.S, Sheena Hassan, Jairaj P.G.
7	285	Modification in Existing Regional Rural Pipe Water Supply Scheme for Future Demand	P. V. Mukadam, A. R. Kambekar

Technical Session: TS-III B		Date : 08/12/2016	Time: 1545 to 1700 Hrs
Theme : Coastal Engineering		Venue: Cavitation Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	327	Comparative Study on Different Configuration of Wave Surge Converter	Chandana P. Dev and D. Karmakar
2	329	Wave Interaction With Finite Floating Elastic Plate Based on Timoshenko-Mindlin's Plate Theory	Praveen K.M., D. Karmakar
3	331	Long Term Response Analysis ofTip-Type Offshore Wind Turbine	K.G. Vijay, D. Karmakar
4	338	Optimization of Outer Harbour Layout Through Hydrodynamics and Siltation Models – a Case Study	J D Agrawal, V K Shukla, Vijay D. Konkane, T Nagendra
5	345	Development of Mathematical Models for the Prediction ofthe Motions of Ships Under Sinusoidal Waves	S. N. Das
6	348	Optimization of Layout of Fisheries Harbour Using Wave Tranquility Model – Case Study	A. B. Pardeshi (Mrs)
7	433	Prediction of Wave Transmission Over Submerged Reef of Tandem Breakwater Using SVM Technique	Geetha. Kuntoji , Subba Rao, Manu, S. Mandal
8	624	Quarter Circle Break Water - a Review	Rekha K

Technical Session: TS-III C		Date : 08/12/2016	Time: 1545 to 1700 Hrs
Theme : Environmental and Climate Change		Venue: CDC Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	335	Impact Assessment of Open Drains in River Ganges Using Scenario Based Water Quality Modeling	R. Srinivas, AjitPratap Singh, TandonAbhilashBorthakur
2	339	Atmospheric Water Harvesting	Prof. M.Athar, Mohd Rayyan Ahmad , Mohd Zeeshan
3	387	Assessment and Prediction of Water Quality ofPanshetandUjjani Reservoir Using CCME-WQI- Water Quality Issue Related to Human Pressures in its Catchment Area	Savitri K. Hansda
4	429	Groundwater Quality Mapping and Salinity Prediction in Irrigated Alluvial Plain	Prachi Singh, Raj Mohan Singh
5	469	Statistical Analysis and Comparison of Point Gauge Rainfall and Downscaled Rainfall for Guwahati City	Amrutha Suresh, Sreeja P
6	477	Effect of Textile Industry Effluent on Groundwater and Soil Quality : a Review Paper	Hansa Rajput, Dr.RohitGoyal

Technical Session: TS-IIID		Date : 08/12/2016	Time: 1545 to 1700 Hrs
Theme : Fluvial Hydraulics		Location: DOHI Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	303	Influence of Series of Vented Dam Intersections On the Channel Processes: a Case Study in the Pavanje River Basin	Sujay Raghavendra N
2	312	Sediment Transport Characteristics of Rivers of Karnataka	Chandramohan T. Chandrakumar S. Purandara B.K. M.K.JoseVenkatesh B.
3	323	Turbulence Characteristics of Flow Over Degraded Bed of Clay-Silt-Sand-Gravel Mixture	Umesh Kumar Singh
4	364	Scour Under Cantilever Pipe Outlets	Sarfaraz Ali Ansari, Md. Arman Ali
5	371	Impacts of Inter-Basin Water Transfer on Streamflow Regime in The Humid Tropical Western Ghat Region of Kerala, India	Dr.George Abe
6	410	Application ofShionoand Knight method in Smooth and Rough Asymmetric Compound Channel Flow	Kamalini Devi, Kishanjit Kumar Khatua, Jnana Ranjan Khuntia
7	411	Apparent Shear Stress in an Unsymmetrical Compound Channel Flow	Kamalini Devi,Kishanjit Kumar Khatua, Bhabani Shankar Das
8	447	CFD Modeling of Local Scour Around Round Nosed Bridge Pier with REEF3D	Sreedhara B M, Manu and S Mandal

NOTE: Guidelines for presentation:

1. Each presentation is tentatively allotted time duration of 8 minutes and 2 minutes for discussions.
2. Presenters are encouraged to highlight mainly definition of problem/ solution / relevant recommendations etc.
3. Presenters are requested to avoid pleasantries.
4. Request stick to the schedule by optimizing number of slides.
5. For any clarification contact Shri H. B. Jagadeesh on his e-mail jagadeeshhb@yahoo.co.in and phone : 020-24103401/ 9421011813 (SMS/ Whatsapp are encouraged)