

Technical Session: TS-VIII A		Date : 10/12/2016	Time: 1100 to 1215 Hrs
Theme : Water Resources & Hydrology		Venue: Auditorium	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	437	Probability Analysis of Rainfall and Crop Planning Using CROPWAT Model: a Case Study OfBila Command	AnkurVishwakarma
2	444	Urbanized Watershed: Modifications in Hydrology and Stress on Drainage	Uma Malik
3	449	Discharge Coefficient for Side Rectangular Weirs in Open Channel	Ali Shariq, AjmalHussain,Mujib Ahmad Ansari
4	473	Application of Soil Moisture Sensor in Agriculture: A Review	AnchitGarg, PriyamitraMunoth, and RohitGoyal
5	480	Modellingof Inlet Outlet Structure of Tehri Pumped Storage Project	Ajay Verma, S K Saha and M K Khare
6	481	Physical Model Study of Reservoir Sedimentation and Flushing - a Case Study	Ajay Kumar and Ajay Verma
7	482	Modellingfor Desilting Chamber of Naitwar Mori Hydro Power Project	B K Panday and Ajay Verma
8	484	Morphometric Analysis and Micro-Watershed Prioritization of Lower Bhima Basin by Sing Remotes Sensing and GIS	Asifraza Abdul Sayyad

Technical Session: TS-VIII B		Date : 10/12/2016	Time: 1100 to 1215 Hrs
Theme : Hydro Meteorology		Venue: Cavitation Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	322	Soil Moisture Mapping of AMSR2 Derived Soil Moisture Product over I.I.T., Kanpur	RichaOjha
2	324	Multiscale Investigation and Prediction of Monthly Streamflowsby Using Multivariate EMD Approach	Adarsh S, M Janga Reddy
3	344	Simulation of Urban Drainage System Using Storm Water Management Model (SWMM)	VinayRangari
4	367	Assessment of Drought Impact on Grape Crop and Mitigation Trough Modern Irrigation Techniques In TheNashik District, India	S.J. KadbhaneAndDr.V.L. Manekar
5	374	At-Site Flood Frequency Analysis for Upper Tapi Basin, India	Priyank J. Sharma, P. L. Patel, V. Jothiprakash
6	384	Flood Forecasting Techniques - a Review	SandeepDevaliya, AnkitBalvanshi, Bikram Prasad and H.L. Tiwari
7	405	Effect of Potential Evapotranspiration Estimation on the Hydrologic Model Response: a Case Study	Sreedevi.S , T.I Eldho

Technical Session: TS-VIIIC		Date : 10/12/2016	Time: 1100 to 1215 Hrs
Theme : Computer Applications in Fluid Mechanics		Venue: CDC Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	163	Extraction of Different Water Indices from LANDSAT and IRS-P6 LISS 3 Imagery Using Matlab	Abhilash K.G, Nimmi.S, VishakK,GirishGopinath
2	179	Simulation of Simple Conical Flumes In Trapezoidal Canals	Avinash M. Badar, Valsson Varghese, AdityaBadar, Aniruddha D. Ghare
3	193	Least Square Support Vector Machine for Estimating Reference Crop Evapotranspiration in Semi-arid Regions of India	A. P. Patil, A. M. Zende, H.M. Kumbhar, J. R. Patil
4	307	Flow Characteristics at Horizontal Interface of Asymmetric Compound Open Channel	J. Sinha, P.L. Patel, S.K. Das, and B.K. Samtani
5	524	Numerical and Physical Hydraulic Model Studies of Proposed Inlet/Outlet Structureof TehriPSP	YounisBhat, Neeta Arora, P.B Deolalikar
6	565	Numerical Investigation on Violent Wave-Rubble Mound Structure Interaction Using Improved Meshless Local PETROVGALERKIN Method With RANKINESOURVE (IMLPG-R)	Divya R

Technical Session: TS-VIIID		Date : 09/12/2016	Time: 1100 to 1215 Hrs
Theme : Hydro Meteorology		Venue: DOHI Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	470	Influence of Drainage Conditions on Infiltration Characteristics Determined Using Disc Infiltrometer	BiplabGhosh& Dr. Sreeja P.
2	497	Intercomparisonof Estimation of Maximum Flood Discharge Using Quantitative and Qualitative Assessments Adopting L-Moments In Parameter Estimation of Probability Distributions	N Vivekanandan, Dr. C Ramesh, R S Jagtap
3	502	GIS Based Morphometric Analysis for Flash Flood Estimation in Killi Basin	Sabitha N M, Dr. Santosh G Thampi, Dr. Sathish Kumar D
4	533	Dam Break Modellingof Phouphong Dam, Lao Pdrand Flood Inundation Mapping of Post Dam Break Scenario	PradyumnaMachhkhand
5	538	Estimation of Design Flood and Design of Flood Protection for An Ungauged Stream, Himachal Pradesh, India, Using GIS and Mathematical Modeling Techniques	P.S. Kunjeer, Neena Isaac, S.B.Tayade, V.V.Bhosekar
6	559	Foreseeing the Agricultural and Hydrological Drought Knowing theongoing Meteorological Scenarios through Wavelet Analysis	MayankSumanAndRajibMaity
7	570	Identification of Drought Prone Area Using Drought Indices	Mrs. Pradnya Dixit And Mr. Mahesh Shelke

Technical Session: TS-IX A		Date : 10/12/2016	Time: 1230 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	491	Modeling of Dew Point Temperature Using SVM and ANFIS for Semi-Arid Region of India	Yeshwanth Kumar, Paresh Chandra Deka
2	496	Optimization of Approach Rock Cut between Dam Intakes and Irrigation Bye-Pass Tunnel of SardarSarovar Project, Gujarat	Y. N. Srivastava, S. H. Kulkarni
3	501	Management of inland Waterways for Tourism and Passenger Transport in Kochi Region	Sabitha N. M., Dr. B G Sreedevi
4	515	Hydrological Responses Simulation and Parameters Optimization Using ARC SWAT and SWAT CUP	PrabhakarShukla and Raj Mohan Singh
5	554	Water Conservation Measures: Urgent and Essential Need In India	Dr. T. M. Parchure , Mr. V. V. Vaze
6	592	Flood Risk Analysis by Hydrologic Routing and Hydraulic Modelling: a Comparative Study	PradyumnaMachkhhand
7	595	Analysis on Land Use Land Cover and its Impact on the Peak Flow of the River in Lower Tapi Sub Basin	Amit Kumar
8	249	Comparison of Delineated Watersheds and Its Parameters Derived from Open Source Dem Datasets Using Geospatial Tools	C.A. Rishikeshan, H. Ramesh

Technical Session: TS-IX B		Date : 10/12/2016	Time: 1230 to 1330 Hrs
Theme : Hydro Meteorology		Venue: Cavitation Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	500	Study of Hydro-Chemical Characteristics and Controlling Processes of Meltwater In Gangotri Glacier System	M. K. Sharma, Renoj J. Thayyen, C. K. Jain, ManoharArora, Naresh Kumar
2	525	Streamflow Estimations Using Soft Computing Tools for an Indian Catchment	VidyanandSayagavi 1 ShrikantCharhate2 Shreenivas N. Londhe3 Suhas Nitsure4
3	535	Prediction of Changes in Land Use Land Cover Dynamics in Harangi Catchment, Karnataka, India	Dwarakish G S
4	550	Assessment of Flood Levels after Construction of Additional Ghats Along River Godavari at Nashikfor Mahakumbh 2015, Maharashtra	Kuldeep Malik, M.K.Pawar, Mrs. K.V.Katte, T.Nagendra
5	553	Soil Moisture Retrieval Using Smos L1c Data	Ravikumar A.S, Shalini B.
6	615	Climate Change Induced Variability of Monsoon Droughts Based on Precipitation and Evapotranspiration over India	Dr. ShaikRehana
7	618	A Comparative Study of Parametric Wind Field Models for Indian Ocean Cyclones	Jiya Albert Maneesha Sebastian, ManasaRanjanBehera

Technical Session: TS-IX C		Date : 10/12/2016	Time: 1230 to 1330 Hrs
Theme : Hydro Meteorology		Venue: CDC Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	562	Development and Testing of Hillslope Hydrological Model	ArpitChouksey, VinitLambey, Bhaskar R. Nikam, K. PruthviGopal Reddy, S. P. Aggarwal, Praveen K. Thakur, VaibhavGarg, PankajDhote
2	575	Drag Evaluation Studies for an Amphibious Vehicle During Cross Flow	R P.Gupta
3	579	Flood Risk Assessment of Navsari City, South Gujarat, India	K.B. Patel, Dr. S.M.Yadav
4	596	Conceptual Rainfall-Runoff Model Using Distributed Approach	Vikas Kumar Vidyarthi, Ashu Jain
5	598	Application of Artificial Neural Networks in Rainfall Prediction: a Review	KrutikaKalkal, Vikas Kumar Vidyarthi
6	605	Selection of Suitable Sites for Water Harvesting Structures in Osmania University Campus, Using RS And GIS	K.Shashikanth
7	629	Development of a Multiple Linear Regression Model for Annual Rainfall Forecasting Over Khordha District, Odisha, India	S. Swain, P. Patel, S. Nandi

Technical Session: TS-IXD		Date : 10/12/2016	Time: 1230 to 1330 Hrs
Theme : Computer Applications in Fluid Mechanics		Location: DOHI Lecture Hall	
Chairman's Introduction to theme and Session Papers			
S. No.	Paper ID	Title	Author(s)
1	132	Economic and Operational Aspects of Different Protection Devices for Mitigating Transient Condition in Water Distribution Network	MrigaksheeSarmah, Bimlesh Kumar
2	159	Physical Model Studies on Simple Cylindrical Flumes in Rectangular Channel Accompanied by Mathematical Model Analysis Using HEC-RAS 4.1	Shankar D. Kharat , Akshay D. Lukade
3	380	Determining Influence of Inputs in Neural Network Models	Shalaka Shah
4	586	Water Balance Study Using QSWAT	A.A.Bagul
5	634	Application of Group Method of Data Handling (GMDH) to Predicting 3-D Velocity in a Sharp Open Channel Bend	Litan Dey1, Ritabrata Roy2

Technical Session: TS-X A		Date : 10/12/2016	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	232	Comparison of Existing Equation for Scour at Bridge Piers Using Laboratory and Field Data	RutujaChavan, Nairita Mukhopadhyay, Bimlesh Kumar
2	599	Small Hydro Power Development in Meandering Reaches of Hilly Regions : an Innovative, Eco-Friendly, Multi-Benefit Concept	Pavan Kumar Kohli,
3	600	Spatio-Temporal Distribution of Precipitation Concentration and its Monotonic Trend Using High Resolution Gridded Data Over the West Coast of Karnataka, India	Vinay D C
4	607	Scour and Erosion Resistance of Earth Plaster Used in Flood Prone Areas.	Sarfaraz Ali Ansari ,PankajKumar Pathak and Khadija Khanam
5	612	Turbulence Characteristics around Circular Bridge Pier	Praveen Rathod, V. L. Manekar
6	628	Watershed Analysis Using Morphometric Characteristics: Review	Vishavjeet Singh & Dr. K. K. Singh
7	645	Deficit Irrigation for Sugarcane In Tarikere Command Area	R.Shreedhar

Technical Session: TS-X B		Date : 10/12/2016	Time: 1430 to 1530 Hrs
Theme : Coastal Engineering		Venue: Cavitation Lecture Hall	
S. No.	Paper ID	Title	Author(s)
1	356	Optimum Design of Breakwaters forthe Development of Ports	A.V.Mahalingaiah
2	537	Application of Hybrid Hydro-Morphodynamic Modeling to Optimize Harbour Layouts in Macro Tidal Region – a Holistic Approach	A.A. Purohit, A.M. Vaidya, M.M. Vaidya, S. Kori
3	609	Comparison of Wave Ray Technique andthe Method of Numerical Solution for Water Wave Transformation Using Idealized Bathymetries	VyasVinitPatil, Swarup, K H Barve J D Agrawal
4	621	Optimization of Fishing Harbour Layout Using Hydraulic Model Studies	R.K.Chaudhari, A.M.Vaidya, S Kulkarni, SantoshKori, M.D. Kudale
6	633	Tidal Energy: a Review	Vikas M, SubbaRao, Jaya Kumar Seelam
6	642	Optimizing A Layout for the Proposed Container Terminal at Tuna Tekra in the Approaches to Kandla Creek, Gulf of Kutch	N. Ramesh, B.B. Chaudharee, Vaibhav Konde, T. Nagendra
7	646	Nature of the Siltation Study for Renovation of Existing Fishing Harbour at Mudhu Nagar in Cuddalore District	Susant Kumar Misra, Ruchi Kalra, Flemming Jakobsen, V. Jinesh Kumar

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)