

Programme Schedule

	Name of the event	Date and time
Date: 16th March 2017		
Registrations		09: 00 am onwards
Inaugural Function		10:00 am – 11:00 am
<p>Chief Guest: Prof. A. Venugopal Reddy, Vice-Chancellor, Jawaharlal Nehru Technological University Hyderabad, Kukatpally Hyderabad. Guest of Honour: Dr. T. Jayaseelan, Scientist SG & General Manager, RC, National Remote Sensing Centre, Hyderabad Key note Speaker: Ghosh Bobba A, Research Scientist / Hydrogeologist (Ret), Hamilton, ON, Canada President: Dr. Jaya Shree, Director, Institute of Science and Technology, JNTUH, Kukatpally, Hyderabad. Convener: Dr. M.V.S.S. Giridhar, Centre for Water Resources, Institute of Science and Technology, JNTUH, Kukatpally, Hyderabad.</p>		
Tea break		11: 00 am – 11:15 am
Technical Session-I Geospatial Applications in Water Resources		11:15 am -1: 30 pm
<p>Key Note: Dr. T. Jayaseelan, Scientist SG & General Manager, RC, National Remote Sensing Centre, Hyderabad Chairman: Dr. R.S. Dwivedi Rtd Group director, National Remote Sensing Centre, Hyderabad Co- Chairman: Shri. J. Venkatesh, Head, Centre for Spatial for Information Technology, Institute of Science and Technology, JNTUH</p>		
<p>Morphometric Analysis of Ungauged Watershed and Prioritization of Palar Sub Watershed using Rs & GIS <i>Vinay kumar Ch., Kiran Kumar N. and Samyuktha M.</i></p>		
<p>Geomorphological Parameters on Gauged Watershed in Swarnamukhi River Basin by using GIS and RS <i>Samba Siva V , Chakradhar Reddy P and Sunny M.</i></p>		
<p>Land Use and Land Cover Mapping of Mauxi Village (North Goa District, Goa State) Using Remote Sensing and GIS Technology <i>Mahender Reddy D., Purnachandar rao, Patode R. S. and Kanak Moharir</i></p>		
<p>Estimation of Soil Erosion in a Semi Arid Watershed by Revised Universal Soil Loss Equation (RUSLE) using Remote Sensing and GIS <i>Pushpalatha K., Kumar K. S., Rao K.V., Rejani R. and Srinivasulu M.</i></p>		
<p>Investigating the Effect of Size of the Training Sample on SVM, ANN and SAM Algorithms on Hyperion Data for LULC Classification <i>Veeramallu Satya Sahithi, Giridhar M V S S, Ravi Shankar G. and Murali Krishna I V</i></p>		
<p>Satellite Remote Sensing of the Impact of Aquaculture on Environment <i>Madhavi Supriya V., Venkatesh J., Dwivedi R.S.</i></p>		
<p>Spatio-Temporal behavior of Waterlogging using Multi-Temporal Satellite Data <i>Madhavi Supriya V., Venkatesh J., Dwivedi R.S.</i></p>		
<p>Application of M-M-F Model for Estimating Sediment Yield by using GIS <i>Puja, sheikh I</i></p>		
<p>Estimation of Water Spread Area in a Region using RS and GIS <i>Hari N., Manoj kumar G., Kranthi Kumar Ch. and Kishore Kumar G.</i></p>		

Spatial and Temporal Estimation Runoff under changing Climate Scenarios at Indore	
<i>Rejani R., Rao K.V., Ranade D.H., Argal S.K., Chary G.R., Gopinath K.A., Osman M., Sammi Reddy K. and Srinivasa Rao Ch.</i>	
Information Content Analysis of Landsat-8 Oli Data for Water Resources Managemnt-A Case Study of Nagarjuna Sagar Reservoir	
<i>Ballu Harish, Shantosh M., Venkatesh J., Dwiwedi R. S</i>	
Rainfall Analysis with Reference to Spatial and Temporal in Kaddam Watershed Using Geomatics	
<i>Sreenivasa Rao G., Giridhar M.V.S.S. and Shyama Mohan</i>	
Identification of Potential Agricultural Lands in Urban Environment Using Space-Borne Multispectral Data	
<i>Prakash C.R. and Sreedevi B.</i>	
Morphometric Analysis of Kanch River of Buldhana and Washim District, Maharashtra by Using Remote Sensing and GIS Tecgniques	
<i>Tidke P.S, Pakidde G.S., Wadikar S.C</i>	
Morphometric Analysis of BOR River Basin of Amravati District, Maharstra by Using GIS Techniques	
<i>Tidke P.S, Lahane S.P, Tale S.N</i>	
Runoff estimation using SWAT for the sustainable management of Nethravathi river basin	
<i>Geethu Krishnan, K.Srinivas Kumar , R. Rejani, Sandeep Hamsa</i>	
Lunch	
Technical Session - II Groundwater Exploration, Development, Recharge, Modeling and Quality	1:30 pm-2:30 pm
Key Note: Dr. P.N. Rao , Regional Director, Central Ground Water Board, Southern Region, Hyderabad Chairman: Dr. B. Venkateswara Rao , Professor, Centre for Water Resources, Institute of Science and Technology, JNTUH, Hyderabad Co- Chairman: Dr. A.R. Pimpale , Assistant Professor, College of Agriculture, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S.), India	2:30 pm - 3: 30 pm
Simulation of Pollutant Discharge to Canadian Lake Shore and Indian Sea Coast	
<i>Ghosh Bobba A.</i>	
Environmental Problems in Subsurface Water System due to Human Activities	
<i>Ghosh Bobba A.</i>	
A Comparative Study of Hydrogeochemistry of Shallow Groundwater of two Districts in Northern Kerala	
<i>Amrutha V Nambiar, Shahul Hameed A. and Resmi T R</i>	
Groundwater potential zones mapping of Purna watershed (PT-7) in Akola District using Geoinformatics technology	
<i>Kanak Moharir, Rajeshwari Pande and Kishor Chawande</i>	
Trace elements in Coastal Aquifer, Chennai, Tamilnadu, India	
<i>Sridhar, S.G.D., Balasubramanian, M., Sakthivel, A.M. and Naveenkumar, R</i>	
Identification of Seawater Intrusion in South Chennai Coastal aquifer, Tamil Nadu, India	
<i>Sridhar, S.G.D., Sakthivel, A.M., Balasubramanian, M. and Ragunath, P</i>	

Water Well Logging in a Hard Rock Terrain - A Case Study in JNTUH Campus <i>Swetha U., Venkateshwar Rao B. and Siva Prasad Y.</i>	
Appraisal of groundwater quality from Sirpur Kaghaznagar area, Adilabad District, Telangana. <i>Harish Kumar. Agre., Jithender Kumar Naik S., and Pandith Madhnure</i>	
Ground Water Budgeting and Auditing of the Village Parlam, A Part of Pedhi River Sub Basin, TQ Bhatkuli Dist Amravati of Maharashtra State <i>Tidke.P.S, Bagde K.G, Wargat Sumedh</i>	
<i>Tea break</i>	
Technical Session- III Hydrologic Parameter Estimation and Modeling	03:30 pm- 4:00 pm
Key Note: Dr. P.V. Raju, Head–Water Resources Management, RSAA, National Remote Sensing Centre, Hyderabad Chairman: Dr. K. Rammohan Reddy, Professor, Centre for Water Resources, Institute of Science and Technology, JNTUH, Hyderabad Co- Chairman: Prasanna S.V.S.N.D.L Assistant Professor, Civil Engineering Department, University College of Engineering, Osmania University	4 :00 pm – 6:00 pm
Estimation of peak discharge in an ungauged watershed using GIUH, SCS- CN and SNYDER models with supported GIS and RS <i>Supraja B. and Anil Kumar B.</i>	
Estimation of Turbulence properties of Accoustic Doppler Velocimetry Data Contaminated with Spikes <i>Anurag Sharma, Vindhyaasini Prasad, Bimlesh Kumar</i>	
Location Specific Constants in IFD equation for Solapur Region in Scarcity Zone of Maharashtra <i>Upadhye S. K., Sanglikar R. V., Jadhav J.D., Pardhe D. D., Amrutsagar V. M., Rathod R. K. and Ravindra Chary G.</i>	
Drainage Line Treatments for Sustainable Crop Production in Vidarbha Region of Maharashtra <i>Nagdeve M. B., Patode R. S., Pande C. B. and Mali R. S.</i>	
Strategies for Development and Management of Water Resources in Rainfed Area <i>Patode R. S., Nagdeve M. B., Ramamohan Reddy K. and Ganvir M. M.</i>	
Flood Inundation Mapping and 1-D Hydrodynamic Modelling Using SWAT and GIS <i>Sravani Duvvuri</i>	
Application of Swat Model for Watershed Prioritization <i>Pradeep kumar and Lodha P.</i>	
Estimation of Surface Runoff using Soil Conservation Services Curve Number Method and Geographical Information System - A Case Study <i>Prasanna S.V.S.N.D.L</i>	
Identification of Suitable Method for Estimation of Reference Evapotranspiration for Paleru Sub Basin of River Krishna <i>P. Soumya Kiran, A.S.Chandra Bose and M.V.S.S.Giridhar</i>	
Decision Support System for Optimization of Multi-Purpose Reservoir System Operations: A Review <i>Venkatesh J., Chandrasekhar G., Muralikrishna I.V. and Dwivedi R. S.</i>	
Date : 17th March 2017	
Technical Session -IV Water Conservation and Irrigation Management	
Key Note: Shri. Ch. Rudra Murthy, Assistant Director of	10: 00 am-

<p>Agriculture (R) Maheshwaram Division, Rangareddy District. Chairman: Dr. Mithra Dey, Professor, Department of Ecology & Environmental Science, Assam University, Silchar-788011. Assam, India Co- Chairman: R.S Patode, AICRP for Dryland Agriculture, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola, Maharashtra, India</p>	<p>11:15 am</p>
<p>Diversity of Algae in the River Krishna near Gadwal, Telangana <i>Seeta Y., Padma Priya K. T. and Manikya Reddy P.</i></p>	
<p>Eternal and Abundant Water supply for India <i>Arun Bandi</i></p>	
<p>An Assessment on Impact of Land Useland Cover Changes on Urban Watershed Management - A Case Study of Hyderabad Region <i>Padmaja G, Giridhar MVSS, Sreenivasa Rao G. and Shiva Chandra V.</i></p>	
<p>Stream Flow Simulation by using Soil and Water Assessment Tool for Chotki-Berghi Watershed in Jharkhand <i>Sanny Kumar and Ravikant Kumar</i></p>	
<p>Ridges and Furrow Method of in situ Moisture Conservation for Enhancing the Productivity of Rabi Sorghum under Dryland Condition - A Case Study of Narotewadi Watershed <i>Gadhari G. G., Upadhye S. K., Amrutsagar V. M., G. Ravindra Chary, Pardhe D. D. and Sanglikar R. V.</i></p>	
<p>Extemporizing Spectral Signatures Using Spectroradiometer for Different Species of Family Graminaceae <i>Sowmya P. and Giridhar M.V.S.S.</i></p>	
<p>Spectral Response of Cluster Beans Crop <i>Rathod Ravinder, Giridhar M.V.S.S. and Sowmya P.</i></p>	
<p>Effective use of Chemical Coagulants for Reducing Total Organic Carbon <i>Kalavathy S. and Giridhar M.V.S.S.</i></p>	
<p>Spectral Reflectance from the Tomato Crop Canopy Under Controlled Condition by using Spectroradiometer <i>Rathod Ravinder, Giridhar M.V.S.S. and Sowmya P.</i></p>	
<p style="text-align: center;">Tea Break</p>	
<p style="text-align: center;">Technical Session - V Water Management, Rainfall and Rainwater Harvesting</p>	<p>11: 15 am-11:30 am</p>
<p>Key Note: Dr. Abdul Hakkim, V.M. Professor & Head, Dept. of Land and water Resources & Conservation Engineering (LWRCE), KCAET (Kerala Agricultural University) Tavanur (P.O.), Malappuram (Dt.), Kerala. Chairman: Dr. S. Jeevananda Reddy Formerly Chief Technical Advisor - WMO/UN & Expert - FAO/UN Fellow, Andhra Pradesh/Telangana Akademy of Sciences, Convenor, Forum for a Sustainable Environment, Hyderabad Co- Chairman: Dr. Mangala Telgote Ghanbahadur Professor and earlier Chief Agronomist AICRP-IFS, College of Agriculture, Akola, Maharashtra.</p>	<p>11: 30 am -1:30 pm</p>
<p>Water and Sanitation Utility Services for Mining Areas by Reusing of Mine Discharge - Challenges and Strategies <i>Mrinal K. Ghose</i></p>	

<p>Water Balance Assessment of Micro-Catchment Treated With <i>In-Situ</i> Conservation Measures <i>Patode R. S., Nagdeve M. B., Ramamohan Reddy K. and Gabhane V. V.</i></p>	
<p>Studies on Rainfall Variations at Chas for Analysis of Droughts and Extreme Events in Scarcity Zone of Maharashtra <i>Pardhe D.D., Upadhye S.K., Sangalikar R.V., Bansod R.D. , Sthool V.A., Jadhav J.D. and Amrutsagar V.M.</i></p>	
<p>Estimation of Trends in Rainfall and temperature at <i>Mohol</i> for Sustainable Agriculture <i>Sanglikar R. V., Upadhye S. K., Pardhe D. D., Rathod R. K., Sthool V. A., Atre A. A., Jadhav J. D. and Amrutsagar V. M.</i></p>	
<p>Facts & Fictions on Krishna River Water Sharing <i>Jeevananda Reddy S.</i></p>	
<p>GO111: Protecting Water Resources of Hyderabad <i>Jeevananda Reddy S.</i></p>	
<p>Post Tsunami Salinity Rise in a Small Inhabited Island in Nicobar, A&N Islands: Need for Large Scale Rainwater Harvesting and Artificial Recharge <i>Amlanjyoti Kar, Anirban Dhar, Satiprasad Sahoo, Ankita Bhattacharya and Prahlad Ram</i></p>	
<p>Sector Specific Ground Water Management: A Case Study from Paschim Medinipur District, West Bengal <i>Sanjib Chakraborty</i></p>	
<p>Increasing Water Productivity, Yield, Income and Employment Generation for Small Farmers Through Adoption of Integrated Farming <i>Mangala Telgote Ghanbahadur</i></p>	
<p>The Assesment of Sedimentation of Nagarjunsagar using Spaceborne Chronosequential Images <i>Venkatesh J., Chandrasekhar G., Muralikrishna I.V. and Dwivedi R.S.</i></p>	
<p>Enhancing of Water Availability for Irrigation Through Recharging Wells with Recharge Technique in Watershed Area <i>Vijayakumar S., Rao K.V, Sarala C., Maruthi V. and Srinivasarao Ch.</i></p>	
<p>Lunch</p>	
<p>Technical Session - VI Urbanisation, Bio-diversity and EIA and Human Health</p>	<p>1: 30 pm- 2:30 pm</p>
<p>Key Note: Dr. K.V Subba Rao, M.D. Pediatrician, Associate Professor of Pediatrics, Super Specialist for childhood Asthama, Pneumonia, Allergies, and Respiratory Diseases, Niloufer Hospital for Women and Children, Hyderabad Chairman: Dr. S. R. Patil, Associate Professor, Department of Horticulture, Post Graduate Institute, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S). Co- Chairman: Ms. Sravani Duvvuri Assistant Professor, Rajiv Gandhi University of Knowledge Technologies, Nuzvid Campus, Nuzvid, Krishna (Dt), Andhra Pradesh</p>	<p>2:30 pm - 4:30 pm</p>
<p>Assessment of Dependency on Resources for Livelihood and People's Attitude towards Conservation: A Study on Selected Villages Around Loktak Lake of Manipur <i>Mithra Dey* and Jogesh Laishram</i></p>	
<p>Land Use/Land Cover Change Detection Mapping based on Remote Sensing and GIS Technology <i>Chaitanya Pande, Patode R. S. and Nagdeve M. B.</i></p>	

Assessment of Soil Quality Around Pharma -Industry <i>Lakshmi Lavanya Damaraju and Pushpa Kumari S.</i>	
Breach Modelling of Embankments <i>Deepak Kr. Verma, Baldev Setia and Arora V.K.</i>	
Effect of Soil Moisture Conservation Measures on Moisture use Efficiency, Soil Fertility and Productivity of Sorghum in Inceptisol under Semi Arid Conditions <i>Gabhane V.V., Nagdeve M.B., Rajashree Patil, Patode R.S. and Ganvir M.M.</i>	
Characterization and Classification of Different Soil Type of Gariyaband District of Chhattisgarh <i>Deepika Devdas¹, Srivastava L. K., Mishra V. N. and Gaurav Kumar Jatav</i>	
Impact and Assessment of Jalyukt Shivar Abhiyaan, Water Conservation Scheme in Maharashtra State of India <i>Mahesh. Kadam M., Amit Borkar and Nilesh Tayade</i>	
Land Use / Land Cover Change Mapping using NDVI Method <i>Anusha B. and Sridhar P.</i>	
A Study of SW Monsoon Variability Over India During Contrast Monsoon Years of 2009 and 2010 <i>Lavanya S. and Viswanadham M.</i>	
Effect of Temperature on Soil Enzymes <i>Aruna Kumari J. and Rao P.C.</i>	
Tea Break	
Technical Session - VII Climate Change and Environment	4: 30 pm- 5:00 pm
Key Note: Dr. G.K. Viswanadh , Officer on Special Duty to Vice-Chancellor and Professor of Civil Engineering, Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad Chairman: Shri Amlan Jyothi Kar , Supdt Geophyscit, Central Ground Water Board, Kolkata Co- Chairman: Dr. Kulkarni Shashikanth , Assistant professor, Department of Civil Engineering, UCE, Osmania University, Hyderabad.	5:00 pm- 6:30 pm
Climate Change is not Global Warming but it is much more <i>Jeevananda Reddy S.</i>	
Effect of Different Levels of Fertigation on Growth Parameters of High Density Plantation of Nagpur Mandarin <i>Pimpale A.R., Panchbhai D.M., Babhulkar V.P. and Datir V.R</i>	
Development and Performance Evaluation of a Solar Powered Automated Fertigation System <i>Anjaly C Sunny and Abdul Hakkim, V.M.</i>	
A Comprehensive Account of Quality of Solid Waste at Different Sampling Stations in Hyderabad City <i>Syamala Devi K. and Swamy A.V.V.S.</i>	
Effect of a New Upstream Reservoir on Pattern of Down Stream Flows -Need to Revise the Crop Calender of Down Stream Project <i>Viswanadh GK and Visweswararao M.</i>	
Climate Change Adaptations: Imperatives for Water Security <i>Nandkishor More and Rana Pratap Singh</i>	
Computational Design of Syphon Aqueduct <i>Venkata Naga Ravali N., Suresh K. and Aniruddha Ghare D.</i>	
Effect of Organic Mulches on Growth, Yield, Fruit Quality, Soil Moisture and Temperature in Acid Lime <i>Patil S. R., Sonkamble A. M., Bichkule S. M. and M. M. Ganvir</i>	

Effect of Growth Retardants on Induction of Mrig Bahar in Nagpur Mandarin	
<i>Patil S. R., Sonkamble A. M., Ganvir M. M. and Patole R. S.</i>	
General Circulation Models- Big Data Models in Climate Science	
<i>Kulkarni Shashikanth and Gopal Naik</i>	
Phytoplankton Bloom over the Arabian Sea	
<i>Lavanya S. and Viswanadham M.</i>	
Geospatial Technology for Disaster Management: An Overview	
<i>Madhavi Supriya V., Harish B., Venkatesh J., Dwivedi R. S.</i>	
Date : 18th March 2017	
Theme - VIII	
Water Quality, Water Treatment, Pollution and Society	
Key Note: Dr. Neelima Satyam D , Assistant Professor, Geotechnical Engineering Laboratory, Earthquake Engineering Research Centre IIIT Hyderabad, Gachibowli, Hyderabad	9:00 am - 1:30 pm
Chairman: Dr. C. Sarala , Professor, Centre for Water Resources, Institute of Science and Technology, JNTUH, Hyderabad	
Co-Chairman: Dr Pradeepkumar P Lodha , Professor, Civil Engineering Department, L E College Morbi, Gujarat	
Study on Heavy Metal (Cd, Cr, Pb and Ni) Accumulation in Water and Soil in and Around Some Selected Functional Brick Kilns in Cachar District, Assam	
<i>Sushmita Dey and Mithra Dey</i>	
Hydrochemical and Water Quality Assessment of Groundwater in the Coastal Area of Kollam District, Kerala	
<i>Vimala T. and Shahul Hameed A.</i>	
Municipal Waste Water Treatment Process: A Case Study	
<i>Pallavi P., Raju M.V., ASADI SS, Satish Kumar Moparthi and Hanumatha Rao V.</i>	
Physico-chemical Studies on Fox Sagar Lake, Jeedimetla, Hyderabad.	
<i>Rajani A. Sunitha E.M. Kavitha A. and Sree Lakshmi T.</i>	
Effect of Ecosan Compost Application on Ground Water Quality of Musiri (TK), Trichy District, TN	
<i>Jothimani P. and Sangeetha R.</i>	
Quality Assessment of Surface Water Bodies in and around GHMC	
<i>Anirudh Ramaraju and Giridhar M.V.S.S</i>	
Pollution Index: A Tool for Assessment of Water Quality	
<i>Sri Bala G., Pavany Ch.J. and Samuel D.</i>	
Treatment of Urban Sewage Water Using Phytoremediation	
<i>Puneetha G., Sesha Srinivas V. and Giridhar M.V.S.S.</i>	
A Jar Test Study on the use of Alum and Ferric Chloride for Turbidity Removal	
<i>Kalavathy S., Giridhar M.V.S.S. and Viswanadh G. K.</i>	
Waste Water For Agriculture: A Reuse Planning Model and its Applications in Semi-Urban Area of RangaReddy District	
<i>Shivarajappa</i>	
Lunch	
Pannel Discussion and Field Visit	1: 30 pm- 2: 30 pm
Valedictory Function	2 :30 pm -4:00

4th National Conference on Water, Environment and Society (NCWES – 2017)

Chief Guest: Dr. N Yadaiah , Registrar, Jawaharlal Nehru Technological University Hyderabad, Kukatpally Hyderabad. Guest of Honour: Dr. M. Prabhakar , Principal Scientist (Entomology), Central Research Institute for Dryland Agriculture, Santhosh Nagar, Hyderabad. President: Dr. Jaya Shree , Director, Institute of Science and Technology, JNTUH, Kukatpally, Hyderabad. Convener: Dr. M.V.S.S. Giridhar , Centre for Water Resources, Institute of Science and Technology, JNTUH, Kukatpally, Hyderabad.	pm
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