**PROGRAMME SHEET OF INGWC-2016**

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| **Venue: UGC Academic Staff Collage Auditorium, JNT University, Kukatpally, Hyderabad.** | | | |
| **Date** | **Time** | **Sessions** | |
| Oct 5, 2016 | 9:00 a.m.-10.00 a.m. | Registration | |
|  | 10:00 a.m. -11:30 a.m. | **Inaugural Ceremony** | |
|  | 11:30 a.m. -12:00 Noon | **High Tea** | |
|  | 12:00 Noon -1:30 p.m. | Plenary Session-I | |
|  | 1:30 p.m.- 2:30 p.m. | **Lunch** | |
|  | **Technical Sessions** | **Hall-I** | **Hall-II** |
| 2:30 p.m.-3:30 p.m. | TS-I: Ground Water Exploration | TS-IV: Groundwater quality and environment |
|  | 3:30 p.m.-3:45 p.m. | **Tea Break** |  |
|  | 3:45 p.m.- 5:30 p.m. | Session TS-I continued | Session TS-IV continued |
|  | 6:00 p.m.-7:30 p.m. | **Cultural Programme** |  |
|  | 7:30 p:m.- 9:00 p.m. | **Dinner** |  |
| Oct 6, 2016 | 10:00 a.m.-11:30 a.m. | Plenary Session-II | |
|  | 11:30 a.m. -11:45 a.m. | **Tea Break** | |
|  | 11:45 a.m. -1:30 p.m. | TS-II: Groundwater Assessment | TS-V: Groundwater Pollution and Remediation |
|  | 1:30 p.m. -2:30 p.m. | **Lunch** | |
|  | 2:30 p.m. -3:30 p.m. | Session TS-II continued | Session TS-V continued |
|  | 3:30 p.m. -3:45 p.m. | Tea |  |
|  | 3:45 p.m. -5:30 p.m. | TS-III: Groundwater Recharge and Augmentation | TS-VI: Groundwater Modeling |
|  | 6:00 p.m. -7:00 p.m. | AGGS General Body Meeting | |
| Oct 7, 2016 | 10:00 a.m. -11:30 a.m. | Plenary Session-III |  |
|  | 11:30 a.m. -11:45 a.m. | **Tea Break** |  |
|  | 11:45 a.m. -1:30 p.m. | Session TS-III continued | Session TS-VI continued |
|  | 1:30 p.m. -2:30 p.m. | **Lunch** |  |
|  | 2:30 p.m. -3:30 p.m. | **Panel Discussion** |  |
|  | 3:30 p.m. -4:00 p.m. | **Light Tea** |  |
|  | 4:00 p.m. -5:00 p.m. | **Valedictory Function** |  |

**PLENARY SESSION - I**

5th Oct., 12:00 Noon to 1:30 p.m.

**Chairman: P.R. Reddy Co-Chairman: Shakeel Ahmed**

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| **S. No.** | **Authors** | **Abstract Title** |
| 1. | D. K. Chadha | Geophysical Mapping of Deep Saline Aquifers in Bikaner-Nagaur Barmer Basin of Western Rajasthan for Carbon Dioxide Sequestration |
| 2. | B. Venkateswara Rao | A Review on Hydrogeological and Geophysical Aspects of Northern Parts of Eastern Ghat Khondalitic Aquifers |
| 3. | P. S. Kulkarni | Hydrogeology of Basaltic Terrain |
| 4. | K. S. Misra | Utilization of Natural Slopes and Channels for Inter Basin Transfer of Water from Surplus to Deficient Marathwada Region |

**PLENARY SESSION - II**

6th Oct., 10:00 a.m. to 11:30 a.m.

**Chairman: L. Elango Co-Chairman: R. Rangarajan**

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| **S. No.** | **Authors** | **Abstract Title** |
| 1. | Tirumalesh Keesari | Application of Isotopes for Water Resources Development and Management |
| 2. | A. Ramanathan, Manoj Kumar, Shailesh Kumar and Rajesh Kumar Das | Co-Occurrence Perspective of Arsenic and Uranium in the Groundwater of Central Gangetic Plain, India (For Invited Talk) |
| 3. | G. Jacks and D. S. Thambi | Hydrochemistry and Turnover of the Kerala Tertiary Aquifers |
| 4. | V. Balaram | Analysis and Monitoring of Inorganic Pollutants in Ground and Surface Waters – Current and Future Trends |

**PLENARY SESSION - III**

7th Oct., 10:00 a.m. to 11:30 a.m.

**Chairman: M. Thangarajan Co-Chairman: K.B.V.N. Phanindhra**

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| **S. No.** | **Authors** | **Abstract Title** |
| 1. | Gurudeo Anand Tularam | Groundwater Modeling |
| 2. | T. I. Eldho and Boddula Swathi | Application of Simulation-Optimization Models for Ground-water Management Problems |
| 3. | Mritunjay Kumar Singh | Solute Dispersion in a Semi-infinite Aquifer with Non-point Source Concentration |
| 4. | S. Vasudevan | Electrochemical Processes: An Attractive Alternate for Water Purification |

**TECHNICAL SESSION - I**

**Groundwater Exploration**

5th Oct., 2016, 2:30 p.m. to 5:30 p.m.

**Chairman: G. Sambaiah Co-Chairman: B. Veeraiah**

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| **S. No.** | **Authors** | **Abstract Title** |
| **Keynote Papers** | | |
| TS1-1 | S. N. Rai, S. Thiagarajan and Dewashis. Kumar | Groundwater Exploration in Vidarbha and Marathwada Regions, Maharashtra State, India. |
| TS1-2 | **V. S. Sarma** | **Significant Aspects of Electrical Resistivity Imaging (ERI) Technique to Scan Subsurface System** |
| **Session Papers** | | |
| TS1-3 | Ghorbani B. | A View of Outstanding Historical Persian Qanats with an Emphasis on Vazvan Qanat in Isfahan |
| TS1-4 | Suneetha Naidu, M. Laxminarayana, Vinit C. Erram and Gautam Gupta | Assessment of Sea Water Intrusion in Coastal Aquifers of Konkan, Maharashtra by Means of Vertical Electrical Sounding |
| TS1-5 | N. C. Mondal,  V. K. Somvashi,  S. Chandra and  S. Ahmed | Electrical Resistivity Tomography (ERT) for Detection of Palaeochannels in a part of Ganga River Basin, Patna, Bihar |
| TS1-6 | Sunjay and Manas Banerjee | Electroseismic Method for Ground Water Exploration |
| TS1-7 | Dewashish Kumar, S. Thiagarajan, S.N. Rai and Y. Ratna Kumari | Evaluation of Heterogeneous Hard Rock Aquifers from Resistivity Sounding Data: A Case Study from Kalmeshwar Taluka of Nagpur District, India. |

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| **S. No.** | **Authors** | **Abstract Title** |
| TS1-8 | C. P. Priju, J. Vishak, Jiby Francis, S. Nithya and N. B. Narasimha Prasad | Fresh-Saline Water Interface Definition in the Shallow Aquifers of Kerala Coast, India: Application of Geophysical Techniques |
| TS1-9 | Nidhi Jha and D. K. Chadha | Geophysical Survey for Aquifer Configuration and Water Quality for Governance and Management in Parts of the NCR Region |
| TS1-10 | S. Poongothai and K. Ezhisaivallabi | Geophysics Analysis using One-Dimensional Resistivity Method for Groundwater Investigations |
| TS1-11 | S. K. Juneja and P. Yadaiah | Ground Water Exploration in Kashmir Valley |
| TS1-12 | S. N. Rai, S. Thiagarajan,  M. Sateesh Kumar | Delineation, Development and Management of Groundwater Resources in Hard Rock Terrains |
| TS1-13 | Naziya Jamal and N. P. Singh | Groundwater Investigations using Vertical Electrical Sounding and Very Low Frequency (VLF) Methods in Sangod Block, Kota- Rajasthan |
| TS1-14 | S. Anirudhanand Manju S. | Groundwater Regime in Hard Rock Terrain in Mountainous Topography- Case Study from Vamanapuram River Basin, South Kerala, India |
| TS1-15 | M. A. Malik, Mohd Javed Mohd. Noor and Wasifbaig Mirza | Hydrogeological Studies of Dhamangaon Village Dist. Aurangabad (Maharashtra State) |
| TS1-16 | Pingala Chondekarand Ashok Tejankar | Hydrogeological Studies of the Sandas Village, Kalamnuri Talukas, Hingoli Dist. Maharashtra, India. |
| TS1-17 | Rolland Andrade | Managing Water Scarcity in Semi-Arid India using Integrated Hydrogeological Studies as a Sustainable Solution |
| TS1-18 | Subhash C Singh, K. Paramasivam and P. K. Jain | Manifestation of Resistivity Imaging over Limestone Cavities for Groundwater Resources Appraisal in Bundelkhand Region of Madhya Pradesh, India. |
| TS1-19 | Kanwar P. Singh and A. K. Sinha | Semi-Quantitative Analysis of Apparent Resistivity Data for the Delineation of Fractured Aquifer in Limestone Area of Chhattisgarh State, India. |
| TS1-20 | Dharm Raj Yadav and G. S. Yadav | Some Studies on Groundwater Resource Assessment through Geophysical Approach |
| TS1-21 | Sangita. P. Bhattacharjee,  K. R. Sooryanarayana and K. M. Viswanath | Understanding the Aquifer through Microlevel Hydro Geological Survey- Case Study |

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| **S. No.** | **Authors** | **Abstract Title** |
| TS1-22 | Simon Wetherley and Amit Sood | Using Airborne Electromagnetic Data to Map Ground Water Resources |
| TS1-23 | Subash Chandra, Shakeel Ahmed, and Saurabh K. Verm | Aquifer Assessment to Mapping-Criticalities and Specialities |
| TS1-24 | Prakat Modi, Jitesh S. Lalwani, Prashant Istalkar and Phanindra KBVN | Efficacy of Azimuthal Resistivity Sounding in Mapping Sub-Surface Electrical Anisotrophy – A Case Study |

**Technical Session - II**

**Groundwater Assessment**

6th Oct., 2016, 11:45 a.m. to 1:30 p.m. and 2:30 p.m. to 3:30 p.m.

**Chairman: A.D. Rao Co-Chair Person: C. Sarala**

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| **S. No.** | **Authors** | **Abstract Title** |
| **Keynote Papers** | | |
| TS2-1 | D. C. Singhal | Evaluation of Well Spacing in Fractured Rock Formations of Karnataka |
| TS2-2 | Deepak Kashyap and Ickkshaanshu Sonkar | Planning of Agricultural Groundwater Development for Drought Mitigation |
| **Session Papers** | | |
| TS2-3 | S. M. Masoom | Aquifer Delineation for Groundwater Management and Sustainability of Drinking Water Resources |
| TS2-4 | R. N. Tiwari and  U. K. Mishra | Assessment and Management of Groundwater Resources of Mukundpur Area, Satna District Madhya Pradesh |
| TS2-5 | N. Sridhar and S. Poongothai | Delineation of Groundwater Potential Zones in Lower Ponnaiyar Rural Watershed, Cuddalore District, Tamilnadu, India |
| TS2-6 | P. Venkata Ramireddy, G. V. Padma  N. Balayerikala Reddy | Earth Observing System based Hydrogeomorphological Mapping of Kuppam Area, Chittoor District, Andhra Pradesh |

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| **S. No.** | **Authors** | **Abstract Title** |
| TS2-7 | Irshad Kureshiand Ashok Tejankar | Geohydrological Studies and Morphometric Analysis of Micro Watershed of GP-8 Watershed, Daregaon, Taluka Phulambri, Dist. Aurangabad, Maharashtra |
| TS2-8 | Gurav Chandrakant and Md. Babar | GIS based Hydrogeomorphological Analysis of Tiru River Sub-Basin of Lendi River, Maharashtra, India |
| TS2-9 | Ravi Kumar Gumma and P. N. Rao | Ground Water Management in Sub-Urban and Peri-Urban Parts of Greater Hyderabad |
| TS2-10 | Pandith Madhnure Allani Damodar Rao **and P. N. Rao** | Groundwater Issues and Options for Sustainable Management, Nalgonda District, Telangana State |
| TS2-11 | Md. Babar and  Jadhav S.I. | Groundwater Potential Studies of Lower Part of Sindphana River Basin Beed District, Maharashtra, India using Remote Sensing and GIS |
| TS2-12 | P. Pallavi, Srinivasa Reddy Manchala | Integrated Watershed Management by using Remote Sensing and Geographic Information System: A Case Study |
| TS2-13 | B. Anjaiah K. Lohith Kumar and  D. Vidyasagarachary | Mapping for Artificial Recharge Sites in Jainoor and Sirpur (U) Mandals of Adilabad District, Telangana State, India. By Electrical Resistivity Method |
| TS2-14 | G. Shailaja, Gautam Gupta, S.T. Padmane, S.N. Patil,  M. Laxminarayana and Vinit C. Erram | Morphometric Analysis for Water Resource Management in Semi-Arid Suki River Basin, Deccan Volcanic Province, Maharashtra using Geo-Spatial Tools |
| TS2-15 | Mujawar. K. C., Gajul M. D. and Prabhakar. P. | Morphometric Analysis of Mini Watershed Near Solapur City, Maharashtra, India |
| TS2-16 | N. R. Kachate,  S. N. Patil and  N. P. Marathe | Morphometric Analysis of North-West Side of Jalgaon District, Maharashtra, India |
| TS2-17 | Abdul Hameed E, Priju C. P., Chinchumol S, Sruthi D Sivan, Jose George, Narasimha Prasad N. B. | Pumping Test Analysis for Two Typical Aquifers of a River Basin in the Midland Region of Northern Kerala |
| TS2-18 | Bhavana Umrikar, Ratnaprabha Jadhav and Shaikh Avej | RS- GIS based Identification of Groundwater Potential Zones in Shirur Taluka, Pune District, Maharashtra, India |

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| **S. No.** | **Authors** | **Abstract Title** |
| TS2-19 | T. Kiran Kumar, C. Pratap and P. Kishore Kumar Reddy | Sustainable Ground Water Resources Management through Subsurface Dykes in Papagni River - A Case Study Kadapa District |
| TS2-20 | Harinath Maragouni, Sudheer Kumar, M., Mondal, N. C., J. Vijaya Kumar and K. Srinivasa Reddy | Urbanization Development in Parts of Hyderabad City, Southern India: A Case Study |
| TS2-21 | Kapawar M. R., Patil Pankaj, Umrikar Bhavana and  Sabale P. D | Water Resource Appraisal in Kalas – Gosaviwadi Watersheds from Indapur Tehsil of Pune District, Maharashtra |
| TS2-22 | G. Venu Ratna Kumari, M. V. Raju, Satish Kumar Moparthi and Hepsibah Palivela | Assessment of Ground Water and Surface Water in Andhra Pradesh Core Capital Region, Amaravati by using GIS Applications |
| TS2-23 | Nitu Goswami | The Himalayan Tragedy: Water Everywhere but Still Unavailable for Farming |

**Technical Session - III**

**Groundwater Recharge and Augmentation**

6th Oct., 2016, 3:45p.m. to 5:30p.m.

**Chairman: K. Venugopal Co-Chairman: S.N. Patil**

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| **S. No.** | **Authors** | **Abstract title** |
| **Keynote Papers** | | |
| TS3-1 | Ndambuki J. M. | Challenges of Sustainable Exploitation and Management of Groundwater Resources in Arid and Semi-Arid Regions: A Holistic Multi-Objective Approach |
| TS3-2 | S. B. Varade | Groundwater Management Demands Location Specific Plans |
| TS3-3 | Somayaji Sankaran | Restoration of Selected Lakes in NE Musi Basin of Greater Hyderabad |
| **Session Papers** | | |
| TS3-4 | Y. Siva Prasad and B. Venkateswara Rao | Analysis of Depletion of Groundwater Levels in the Kandivalasa River Sub Basin, Vizianagaram District, A.P. |

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| **S. No.** | **Authors** | **Abstract title** |
| TS3-5 | S. P. Nikam, B. H. Patil and P. P. Patil | Artificial Ground Water Recharge through Surface Drainage Network in A Small Watershed |
| TS3-6 | Dilip Mahale, Gharde K. D., Nandgude, S. N, Gatthani A, Idate S. S. and Palkar S. M. | Assessment and Simulation of Ground Water Recharge in Priyadarshini Watershed of Konkan Region |
| TS3-7 | S. Srikanth,  S. Rajashekar and K. Shanker | Constructing Water Banks in Rural Areas |
| TS3-8 | S. Vijayakumar, Manoranjan Kumar, K. V. Rao, C. Sarala, S. S. Naidu,  M. Prabhakar and Ch. Srinivasa Rao. | Enhancing the Rainwater Conservation Potential through Creation of Water Harvesting Structures in Farmers Fields |
| TS3-9 | Prasanna S.V.S.N.D.L and Anil Kumar | Estimation of Surface Runoff for Ramagundam Watershed (Telangana State) using Soil Conservation Services Curve Number Method and Geographical Information System |
| TS3-10 | Rina Kumari and Parul Maurya | Geochemical Characterization in Integration with Isotopes to Assess Salinization in Coastal Aquifers of Gujarat, India |
| TS3-11 | S. M. Masoom | Groundwater for Sustaining Life |
| TS3-12 | Anooja Thomas, Vivekanand Singh, Brijesh K Yadav | Groundwater Recharge Estimation using Soil Moisture Flow Modelling of a Cropped (Wheat) Region |
| TS3-13 | Y. Siva Prasad and B. Venkateswara Rao | Groundwater Recharge Studeis in the Kandivalasa River Sub Basin, Vizianagaram District, Andhra Pradesh |
| TS3-14 | S. M. Masoom | Impact of Urbanization on Groundwater Potential |

**Technical Session - III (Cont.)**

**Groundwater Recharge and Augmentation**

7th Oct., 11:45a.m. to 1:30p.m.

**Chairman: M. Anji Reddy Co-Chairman: Y. Satyaji Rao**

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| **S. No.** | **Abstract title** | **Authors** |
| TS3-15 | J. Siddhardha Kumar, B. J. Madhusudhan, P. N. Rao and  A. D. Rao | Influence of Percolation Tank on Ground Water - A Case Study in Tadipatri Shales of YSR Kadapa District, Andhra Pradesh |

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| **S. No.** | **Abstract title** | **Authors** |
| TS3-16 | Sandhya Birla  B. R. Chahar  Rudolf Liedl, Falk Händel and Prabhas Kumar Yadav | Influence of Recharge Rates on Steady State Plume Lengths |
| TS3-17 | Nandini Thakur, Madhuri Rishi, Diana A. Sharma and Rakhi Singh | Management of Spring Water Resources In Naggar Block of Kullu District, Himachal Pradesh, India: Perspective and Prognosis |
| TS3-18 | C. Gyamfi, J. M. Ndambuki and  R. W. Salim | Modelling Groundwater Recharge in a Semi-Arid River Basin: A Retrospective Assessment |
| TS3-19 | Varduhi Margaryan | Problems of Rational use and Protection of Underground Water Resources Management Arid Ararat Region of the Republic of Armenia |
| TS3-20 | S. Rwanga, J. M. Ndambuki and  S. S. Rwanga | Recharge Estimation using GIS, RS and Water Balance Model |
| TS3-21 | Brijesh K. Yadav, Saurabh Sharma | Role of Fresh Water Recharge Rates on Saline Water Intrusion in Unconfined Aquife |
| TS3-22 | Ashok Tejankar  Rohan K. Pathrikar | Rooftop and Surface Rainwater Harvesting at Deogiri Campus, Aurangabad, Maharashtra – A Case Study |
| TS3-23 | Y. B. Sharma and  A. D. Rao | Scientific Protocol for Artificial Recharge of Groundwater |
| TS3-24 | Y. Narsimlubabu  T. S. B. Chary and Muralidharan | Selection of Natural Site for Developing Storage Structure for CPWS Scheme to Reningunta and Other Habitations in Chittoor District |
| TS3-25 | Sajeena, S. and Kurien, E. K | Spatial and Temporal Groundwater Level Fluctuation Studies in Kadalundi River Basin, Malppuram, Kerala |
| TS3-26 | Pradeep Bhalage, Piyush Bhalage | SRT as an Effective Tool for Ground Water Recharge: A Case Study |
| TS3-27 | B. Surya Prakasa Rao, N. Srinivas, N, Bhaskara Rao and  Ch. Vasudeva rao | Study on Geomorphologic Features of Proposed Link Canals from Krishna to Pennar River Basins -A Case Study |
| TS3-28 | Noureddine Gaaloul | The use of Treated Wastewater (TWW) in Groundwater Recharge Aquifer in Tunisia: Current Status and Future Prospective |
| TS3\_29 | Akula Komuraiah,  N. Shyam Kumar, B. Durga Prasad,  K. shenaker | Village Water Pond – A Boon to Every One |

**Technical Session - IV**

**Groundwater Quality and Environment**

5th Oct., 2016, 2:30 p.m. to 5:30 p.m.

**Chairman: P.N. Rao Co-Chairman: U.D. Kulkarni**

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| **S. No** | **Authors** | **Abstract title** |
| **Keynote Papers** | | |
| TS4-1 | R A. Mandour | Components (Major and Minor) in Drinking Purposes Water Resources |
| TS4-2 | Shankar Lal Gargh | Impact of Climate Change on Quality and Resources of Ground Water |
| TS4-3 | Sridhar, S.G.D. | Quality of Groundwater from Kancheepuram, Coimbatore, Chennai, Salem, Namakkal, Karur and Tiruchirappalli |
| TS4-4 | Dibakar Mohanta, P. N. Rao, A. D. Rao, K. Maruthi Prasad, Y. Satya Kumar | Appraisal of Groundwater Quality in Tandur Town, Ranga Reddy District, Telangana |
| TS4-5 | Manivannan V, Vetrimurugan E and Elango L | Assessment of Groundwater Quality for Drinking and Irrigation Purposes in Cauvery Delta Region, Tamil Nadu |
| TS4-6 | Rafat Quamar | Comparative Assessment of Groundwater Quality and Petrographic Study in and Around the Abandoned South Balanda Mine Pit |
| TS4-7 | S. K. Nag | Deciphering Groundwater Quality for Irrigation and Drinking Suitability from Bankura I and II Blocks, Bankura District, West Bengal, India |
| TS4-8 | S. Akila, M. Sharmi, G. K. Dinesh and P. Jothimani | Environmental Chemistry and Ground Water Quality of Dindigal District, Tamilnadu |
| TS4-9 | Sayyed-Hassan Tabatabaei, Tayebeh Omidinia and Rasoul Mirabbasi | Evaluation of Wastewater Recharge on Groundwater Quality and Quantity using GMS in Borkhar Aquifer |
| TS4-10 | D. Jayanthi,  R. Sivasamy, N. Jagathjothi,  A. Valliammai,  A. Raviraj and  B. J. Pandian | GIS Aided Soil and Water Quality Mapping in Naluvedapathi Village of Nagapattinam District, Tamilnadu |
| TS4-11 | Kapawar M. R., Umrikar Bhavana and Sabale P. D. | Groundwater Quality and its Suitability for Domestic and Agricultural Use: A Study in Kalas Watershed from Indapur Tehsil, Pune District, Maharashtra |

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| **S. No** | **Authors** | **Abstract title** |
| TS4-12 | Gowrisankar. G, and Elango. L | Groundwater Quality and its Suitability for various uses in a Part of Vathalmalai Hill Region, Tamil Nadu, India |
| TS4-13 | H. D. Bhosale and A.S.Yadav | Groundwater Quality Assessment of Kagal Taluka, Kolhapur District, Maharashtra, India |
| TS4-14 | L. P. Chourasia | Hydro Geochemistry of Groundwater in a Part of Alluvial Terrain in Central India |
| TS4-15 | G. Praveen Kumar, R. Pavanaguru,  P. N. Rao and  A. D. Rao | Hydrochemical Characterization of Groundwater in Hard Rock Terrain in Parts of Nalgonda District, Telangana. |
| TS4-16 | Manoj Kumar,  Al. Ramanathan, and Abhijit Mukherjee | Hydrogeochemical Evolution of Groundwater along the Central Gangetic Plain |
| TS4-17 | Dasu Purushotham | Impact of Geochemical Processes on Groundwater Quality in Parts of Nalgonda District, Telangana, India. |
| TS4-18 | Ranu Rani Sethi, Madhumita Das, R. C. Srivastava, P.S. Brahmanad and Miyog Ranjan Patra | Monitoring Surface and Groundwater Quality in Coastal Tract for Optimal Crop Planning |
| TS4-19 | RamamohanaRao, Pand Suneetha, P | Physiochemical Analysis of Water Quality in Khammam District, Telengana State, India |
| TS4-20 | Swarna Chandrika Mohapatra and Durga Shankar Pattanaik | Pre Monsoon Ground Water Quality of Basudevpur and Chandbali Blocks, Bhadrak District, Odisha, India |
| TS4-21 | Suman Agrawal,  H. M. Patel, Indra Prakash and Ajay Patel | Spatial Water Quality Analysis of Vadodara District using Geo Informatics Tools |
| TS4-22 | P. Jothimani, V. Ravi, C. Sharmila Rahale and L. Chitra | Water Resources and Groundwater Quality Status of Tanjavur District of Tamil Nadu – An Overview |
| TS4-23 | Jenefer, S. and Sridhar, S.G.D | Hydrogeochemical and Trace Metal Assessment of Groundwater/Drinking Water Quality in Pungar Sub-Basin, Karur District, Tamilnadu |
| TS4-24 | Hepsi Swarupa Rani Guduri and C. Sarala | Assessment of Major Anions in Surface Water Samples of Pragathi Nagar Cheruvu, Ranga Reddy District, Telangana State, India |

**Technical Session - V**

**Groundwater Pollution and Remediation**

6th Oct., 2016, 11:45 a.m. to 1:30 p.m. and 2:30 p.m. to 3:30 p.m.

**Chairman: K. Mukkanti Co-Chairman: N.C. Ghosh**

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| **S. No** | **Authors** | **Abstract Title** |
| **Keynote Papers** | | |
| TS5-1 | R .N. Tiwari | Hydrochemical Facies, Quality and Pollution Potential Studies of Groundwater of Satna City, Central India |
| TS5-2 | Kalvakuntla Jeevan Rao | The Impact of Arsenic and Fluoride in Ground Waters  on the Environment and the Remedial Measures |
| **Session Papers** | | |
| TS5-3 | Amartya Kumar Bhattacharya, Ajith Sharma, Kumar Srinivas, Piyush Kumar Singh and D. M. P. Karthik | Analysis and Control of Saline Water Intrusion into Contai, West Bengal, India |
| TS5-4 | Amartya Kumar Bhattacharya,  D.M.P. Karthik,  Ankur Gautam,  Ajit Sharma, Kumar Srinivas, and Piyush Kumar Singh | Arsenic Contamination in the Groundwater of India |
| TS5-5 | Adnaan Khan and Amardip Singh | Assessment of Socio-economic and Health Impact of Groundwater Arsenic: A Case Study of Dumuria Village of Chakdah Block of Nadia District (West Bengal) |
| TS5-6 | M. Sharmi, S. Akila, G. K. Dinesh and P. Jothimani | Environmental Impact of Climate Change on Ground Water Quality of Karur District |
| TS5-7 | Ramesh Janipella | Estimating Groundwater Vulnerability to Pollution using a GIS based DRASTIC Model in Koradi Area, India |
| TS5-8 | A. G. S. Reddy, D. V. Reddyand P. K. Naik | Evaluation of Fluoride Enrichment Processes in Groundwater of Chimakurthy Granitic Pluton Complex, Prakasam Dist, AP, India. |
| TS5-9 | Chandrakant Jangam and Paras Pujari | Extraction and Leaching of Heavy Metals from Coal Fly Ash |
| TS5-10 | U. D. Kulkarniand R. R. Sangpal | Factors affecting Potability of Dam Water at Yashawantsagar Reservoir, Ujjani Dam, District Solapur, Maharashtra |

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| **S. No** | **Authors** | **Abstract Title** |
| TS5-11 | D. B. Malpe and  Pandith Madhnure | Fluoride Contamination of Groundwater in Pandharkawada Area of Yavatmal District, Maharashtra its Causes and Remedies |
| TS5-12 | Gunnar Jacks, Mohammad Hossain, ProsunBhattacharya and Ingegerd Rosborg | Inorganic Species in Groundwater of Health Concern |
| TS5-13 | V. Hema Sailaja, P. Suman babu and M. Anji Reddy | Ground Water Quality Evaluation using Statistical and GIS Approach's- A Case Study from Hyderabad City |
| TS5-14 | Amartya Kumar Bhattacharya, Ajit Sharma, Kumar Srinivas and Piyush Kumar Singh | Groundwater Extraction in Coastal Arid Regions – A Design Methodology using Qanats |
| TS5-15 | Suman Agrawal, H. M. Patel, Indra Prakash and Ajay Patel | Groundwater Vulnerability Assessment using Drastic Method for Vadodara District, Gujarat, India. |
| TS5-16 | S. M. Masoom | Health and Quality of Life |
| TS5-17 | Madhuri Ingewar, D. B. Malpe, Deepali Marghade, Rajshree Yenkie and Biswajeet Hazarika | Hydrochemistry of Fluoride Bearing Groundwaters from Ghatanji Area of Yavatmal District, Maharashtra |
| TS5-18 | Jenefer, S. and Sridhar, S.G.D. | Hydrogeochemical and Trace Metal Assessment of Groundwater/Drinking Water Quality in Pungar Sub-basin, Karur District, Tamilnadu. |
| TS5-19 | Y. Siva Prasad and  B. Venkateswara Rao | Hydrogeochemical Studies in the Kandivalasa River Sub Basin, Vizianagaram District, Andhra Pradesh. |
| TS5-20 | P. Jothimani, B. J. Pandian and V. Ravi | Identification of Hot Spots for the Fluoride Contamination in the Groundwater of Western Zone of Tamil Nadu |
| TS5-21 | K. K. Deshmukh | Impact of Agricultural Activites on Nitrate Pollution of Groundwater from Sangamner Area, Ahmednagar District, Maharashtra, India. |
| TS5-22 | K. Syamala Devi and A. V. V. S. Swamy | Impact of Municipal Solid Waste (MSW) Dumpsite on Leachate Quality |
| TS5-23 | Adimalla Narsimha, N. Sravanthi,  S. Rajitha and V. Sudarshan | Inferring the Hydrogeochemistry of Fluoride Distribution in Chinna Kodur Region, Medak District, Telangana State, India |

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| **S. No** | **Authors** | **Abstract Title** |
| TS5-24 | Rajshree Yenkie, D. B. Malpe, Deepali Marghade, Madhuri Ingewarand Biswajeet Hazarika | Quality Assessment of Groundwater Contamination with Special Emphasis on Fluoride Concentration in Wani Area, Yavatmal District, Maharashtra |
| TS5-25 | Akula Komuraiah,  N. Shyam Kumar and  B. Durga Prasad | Pollution of Water with Plaster of Paris Composite Laminates |
| TS5-26 | Amartya Kumar Bhattacharya, Ankur Gautam, Piyush Kumar Singh, Kumar Srinivas and  Ajit Sharma | Saline Water Intrusion in Coastal Aquifers of Orissa, India |
| TS5-27 | A. M. Sakthivel and S. G. D. Sridhar. | Seawater Intrusion in South Chennai Coastal Aquifer, Tamil Nadu, India |
| TS5-28 | H. J. Wankhede and Avinash B. Gholap | Water Quality Index of Sadatpur Dam for Human Health Safety and Living Organisms. |
| TS5-29 | Nazia Fathima, Uzma Baig, Smita Asthana and D. Sirisha | Removal of Turbidity of Waste Water by Adsorption Technology |
| TS5-30 | John Blick, Shiva Kumar, Shikhar Kumar, and Vinod  K. Bharati | Contamination of Potable Water Sources of Lawngtlai Town, Mizoram |

**Technical Session - VI**

**Groundwater Modeling**

6th Oct., 2016, 3:45p.m. to 5:30p.m.

**Chairman: G. Jagmohandas Co-Chairman: A. Tegankar**

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| **S.No** | **Authors** | **Abstract title** |
| **Keynote Papers** | | |
| TS6-1 | Naoaki Shibasaki | Necessity of Precise Hydrogeological Modeling for Tackling Contaminated Water Issues at Fukushima Daiichi Nuclear Power Station, Japan |
|  |  | **Session Papers** |
| TS6-2 | Amartya Kumar Bhattacharya, Ajit Sharma, Kumar Srinivas, Piyush Kumar Singh | A Detailed Mathematical Analysis of Groundwater Hydraulics in Randomly Heterogeneous Soil |

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| **S.No** | **Authors** | **Abstract title** |
| TS6-3 | Ritambhara  K. Upadhyay | Alarming Rate of Groundwater Depletion in Punjab and Dire Need to Check Overdrafting In the Region |
| TS6-4 | Kenta Miyakawa and Naoaki Shibasaki | Analysis on Land Subsidence Properties by Long-Term Observation Record in Kanazawa Plain, Japan |
| TS6-5 | Mathan M, Abirami  P and Krishnaveni M | Application of Groundwater Flow Modelling and Management Using Visual MODFLOW in Cooum Sub-Basin |
| TS6-6 | Tripathi, M., Yadav, P. K., and Chahar B. R. | Characterisation of Hyporheic Zone using VFLUX Model |
| TS6-7 | Vijaykumar P. Parmar, H. M. Patel and M. B. Patel | Contaminant Transport Model of Chromium Contaminant Using GMS 6.0 |

**Technical Session - VI (Cont.)**

**Groundwater Modeling**

7th Oct., 11:45a.m. to 1:30p.m.

**Chairman: K. Ramamohan Reddy Co-Chairman: V.V.S. Gurunatha Rao**

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| **S.No** | **Authors** | **Abstract title** |
| TS6-8 | Amartya Kumar Bhattacharya, Kumar Srinivas, Ajit Sharma, Piyush Kumar Singh | Effect of Submergence in Saline Water on Hydraulic Conductivity of Saturated Sand |
| TS6-9 | S. Prasanna, Sriramoju Srija, Sonai Uday Kiran and K.V. K. Naga Raju | Estimation (Analytical) and Simulation of Flow Over A Spillway – A Case Study |
| TS6-10 | Pankaj Kumar Guptaand Brijesh Kumar Yadav | Fate and Transport of Toluenein subsurface under Two-dimensional Large Scale Laboratory Experiments |
| TS6-11 | Amartya Kumar Bhattacharya, Ajit Sharma, Kumar Srinivas and Piyush Kumar Singh | Fluid Rheological Properties and Flow Characteristics of Saline Water in a Granular Porous Medium |
| TS6-12 | M. U. Kale, S. B. Wadatkar, M. B. Nagdeve and M. M. Deshmukh | Impact of Major Irrigation Project on Ground Water Depth in it’s Command |

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| **S.No** | **Authors** | **Abstract title** |
| TS6-13 | Jaiprakash Bairwa and E. Venkata Rathnam | Modelling of Groundwater Flows in and Around Jaipur City of Rajasthan State, India. |
| TS6-14 | M. Vasudevan, Ram Pal Singh and N. Natarajan | Numerical Experiments on Leachate Transport with Recirculation for Effective Landfill Management |
| TS6-15 | Yuya Aizawa, Naoaki Shibasaki, Yoshihiko Tanifuji, Kenichiro and Abe | Unconfined Groundwater Flow in Granitic Areas in Abukuma Mountains, Northern Japan |
| TS6-16 | M. S. Supe, S. M. Taley and M. U. Kale | Water Security through Optimization of Water Foot Print |