

Information Technology Research Academy (ITRA)

ITRA-Water Closure Workshop

IIT Hyderabad, July 10-11, 2017

Tentative Agenda

| Day 1: Monday, July 10, 2017 Venue: IIT Hyderabad | | |
|--|---|---|
| Time | Structure of Team Sessions | |
| | <p>There is a session for each team in which the team will present the highlights of their entire project, along with details of the progress made since the 2017 Evaluation Workshop.</p> <p>There are four panel discussion sessions, each on one of four major features of the ITRA model. Each panel will have one representative from each team, who will present the team's experience with respect to the feature being discussed.</p> <p>The final panel discussion session is on how the teams could continue their momentum after the current projects closure in July 2017, including how to advance the most applicable of the technologies/solutions they have developed to a marketing-ready state.</p> <p>Panel Members: Prof. Vinod Tare ,Prof. Nayan Sharma, Dr. Ajay Pradhan, Prof. Praveen Kumar, Prof. Dev Niyogi, Prof. V Sridhar, Dr. Nani Bhowmik, Dr. A K Sikka, Prof. James Phillip King, Dr. Bhanu Neupane, Prof. Binayak Mohanty</p> <p>Additional Invitees: Dr. Jayeeta Gupta, Sh K K Nag Choudhury, Sh Niladri Naha, Dr Rajiv Sharma, Sh Nikhilesh Kumar, Dr. Dipankar Saha, Sh Subhajit Barman, Sh Laxmikant Putta</p> | |
| 8:30 AM | 9:00 AM | Registration |
| 9:00 AM | 10:00 AM | Welcome & Workshop Logistics State of ITRA and Overview of the Workshop |
| 10:00 AM | 10:30 AM | <p>Team 1: Improving Groundwater Levels and Quality Through Enhanced Water use Efficiency in Eastern Indian Agriculture</p> <p>PI: R. Panda</p> <p>Presentation by PIs/Co-PIs</p> <p style="text-align: right;">Chair: Vinod Tare</p> <p style="text-align: right;">Nayan Sharma, Ajay Pradhan, Praveen Kumar, Dev Niyogi, V Sridhar, Nani Bhowmik, A K Sikka, James Phillip King, Bhanu Neupane Binayak Mohanty</p> |
| 10:30 AM | 11:00 AM | Tea/ Coffee |
| 11:00 AM | 12:50 PM | <p>Panel 1: Research</p> <p>Prof. Panda (IGWL), Prof. Umamahesh(Urban Flood), Dr. Vimal Mishra(M2M), Prof. Durbha and Phanindra(GridSense), Prof. Samrat Sabat(AquaSense)</p> <p style="text-align: right;">Moderator – Praveen Kumar</p> |
| 12:50 PM | 1:50 PM | Lunch |

| | | |
|---------|---------|---|
| 1:50 PM | 2:20 PM | Team 2: GRIDSENSE: Groundwater Irrigation Disease Sensing System PI: J Adinarayana Presentation by PIs/Co-PIs Chair: Dev Niyogi Vinod Tare, Nayan Sharma, Ajay Pradhan, Praveen Kumar, V Sridhar, Nani Bhowmik , A K Sikka, James Phillip King, Bhanu Neupane Binayak Mohanty |
| 2:20 PM | 4:10 PM | Panel 2: Societal Impact Prof. Tiwari(IGWL), Prof. Raju; Dr. and Sanskriti Mujumdar(Urban Flood), Dr. M. P. Tripathi(M2M), Prof. Gade(GridSense), Dr. Neelima(AquaSense) Moderator – Ajay Pradhan |
| 4:10 PM | 4:40 PM | Tea/ Coffee |
| 4:40 PM | 5:10 PM | Team 3: Measurement to Management- Improved Water Use Efficiency and Agricultural Productivity through Experimental Sensor Network PI: N S Raghuwanshi Presentation by PIs/Co-PIs Chair: Praveen Kumar Vinod Tare, Nayan Sharma, Ajay Pradhan, Dev Niyogi, V Sridhar, Nani Bhowmik , A K Sikka, James Phillip King, Bhanu Neupane Binayak Mohanty |
| 5:10 PM | 7:00 PM | Panel 3: Capacity Building Prof. Tiwari (IGWL), Prof. Mohan Kumar(Urban Flood), Dr. Mukesh Tiwari(M2M), Profs. Phanindra and Gade(GridSense), Dr. Nihar Satapathy(AquaSense) Moderator – V. Sridhar |
| 7:00 PM | 8:00 PM | Networking Dinner |

Day 2: Tuesday, July 11, 2017

Venue: IIT Hyderabad

| Time | | Session |
|----------|----------|--|
| 8:30 AM | 9:00 AM | Team 4: Integrated Urban Flood Management in India: Technology Driven Solutions PI: Pradeep Mujumdar Presentation by Pls/Co-Pls <div style="text-align: right;">Chair: Nayan Sharma</div> <div style="text-align: right;">Vinod Tare, Ajay Pradhan, Praveen Kumar, Dev Niyogi, V Sridhar, Nani Bhowmik, A K Sikka, James Phillip King, Bhanu Neupane Binayak Mohanty</div> |
| 9:00 AM | 10:50 AM | Panel 4: Ecosystem Prof. Das(IGWL), Dr. Reddy (KSNDMC) and Ms Shubha (KSNDMC) (Urban Flood), Dr. Arnab Bandopadhyay(M2M), Profs Durbha and Phanindra(GridSense), Dr. Rajan(AquaSense) <div style="text-align: right;">Moderator – Dev Niyogi</div> |
| 10:50 AM | 11:20 AM | Tea/ Coffee |
| 11:20 AM | 1:10 AM | Panel 5: Whither from Here Prof. Panda(IGWL), Prof. Mujumdar(Urban Flood) , Dr. N.S. Raghuwanshi(M2M), Prof. Adi(GridSense), Prof. Siba Udgata(AquaSense) <div style="text-align: right;">Moderator – Praveen Kumar</div> |
| 1:10 AM | 2:10 PM | Lunch |
| 2:10 PM | 2:40 PM | Team 5: AQUASENSE: Development of Effective Wireless Sensor Network System for Water Quality and Quantity Monitoring PI: Siba Udgata Presentation by Pls/Co-Pls <div style="text-align: right;">Chair: Ajay Pradhan</div> <div style="text-align: right;">Vinod Tare, Nayan Sharma, Praveen Kumar, Dev Niyogi, V Sridhar, Nani Bhowmik, A K Sikka, James Phillip King, Bhanu Neupane Binayak Mohanty</div> |
| 2:40 PM | | Adjourn |

Black: Yes (will attend)

Red: No

Yellow: Not Sure