

Research Initiative for Real-time River Water and Air Quality Monitoring (WAQM) Program
Shortlisted Proposals for the Final Round (Stage III)

S.No.	Proposal Title / Application ID	Indian Lead PI (Name and Affiliation)
1.	“Streaming Analytics over Temporal Variables from Air quality Monitoring (SATVAM)”. “AQM_4”	Dr. Sachchida Nand Tripathi Professor, Department of Civil Engineering, IIT Kanpur
2.	“An end-to-end solution for the design, development and deployment of an energy autonomous complete sensor, system and wireless networks for real time water quality monitoring”. “WQM_12”	Prof. Rajdip Bandyopadhyaya and Dr. Dipti Gupta IIT Bombay
3.	“High resolution air quality monitoring and air pollutant data analytics”. “AQM_24”	Prof. Bharadwaj Amrutur Indian Institute of Science, Bangalore
4.	“End to End, IoT Enabled Cyber Physical Remote Sensing and Actuation Framework for Real Time Pollution Monitoring of River Water”. “WQM_32”	Dr. Rajalakshmi P Dept. of Electrical Engineering, IIT Hyderabad
5.	“HIMRIHAS: Himalayan River real-time Health Assessment System”. “WQM_40”	Dr. Samar Agnihotri School of Computing & EE, IIT Mandi
6.	“Design and Development of Aquatic Autonomous Observatory (<i>Niracara Svayamsasita VedhShala - NSVS</i>) for <i>in situ</i> Monitoring, Real Time Data Transmission and Web based Visualization”. “WQM_54”	Dr. Bishakh Bhattacharya Professor, Dept of Mechanical Engineering IIT Kanpur
7.	“Development of Low Cost and Low Power Systems for Real Time Air Quality Monitoring (Acronym: AQ-SENSE)”. “AQM_57”	Dr. Babankumar S. Bansod CSIR-CSIO Chandigarh
8.	“Integrated low cost water sensors for real-time river water monitoring and decision-making”. “WQM_11+WQM_36”	Dr. Arun Kumar Indian Institute of Technology Delhi ----- Dr. Ajit Kumar Panda National Institute of Science and Technology, Orissa