

## Water Technology Initiative Programme (WTI )

### Sanctioned Projects during year 2008- 2009

S. No	File No	Title	PI Name & Institution Address	Duration	Total Cost (Rs.)
1.	DST/TDT/WT I/2k7/16	Use of Temple tanks for Artificial recharge- A case of Arulmegu Marundeeswarar Temple tank in Thiruvanmiyur Chennai	Ms.S. K. Parmada Centre for Water Research, Jeppiaar Nagar Old Mamallapuram road, Chennai-600 119	12 months	638000
2.	DST/TDT/WT I/2k7/02	Fabrication of cost effective domestic water treatment units appropriate to rural areas.	Dr.P.S. Harikumar Central Water Analysis Laboratory, Centre for Water Resources Development and Management(CWRDM) Calicut-673 571	36 months	694000
3.	DST/TDT/WT I/2k7/24	Laboratory Study of fluoride removal from groundwater using acid enhanced limestone defluoridation technique	Dr.Robin Kumar Dutta Department of Chemical Science, Tezpur University Napaam,Tezpur,Assam-784 028	36 months	1156000
4.	DST/TDT/WT I/2k7/22	Laboratory based studies on the evaluation of cost effective adsorbents for arsenic filter units	Dr.Nalini Sankarasmakrishnan Facility for ecological and Analytical testing, 302Southern Blocl Laboratory,Indian Institute of Technology,Kanpur-208 016	24 months	1324560
5.	DST/TDT/WT I/2k7/14	Fabrication of an efficient water filter- Ensuring safe dinking water supply to Rural Areas	Dr.S. Seshadri Shri AMM Murugappa chettiar Research Centre, Taramani,,Chennai-600113	24 months	1092500
6.	DST/TDT/WT I/2k7/17	Productivity Improvement of Waste land through artificial recharging of Tank water- the case of Thurinjalar minor basin in Tamilnadu	Mr.K. Santhanam Centre for Water Research, Jeppiaar Nagar Old Mamallapuram road,Chennai-600119	12 months	441600
7.	DST/TDT/WT I/2k7/05	Potential interactions and characteristics of herbal antidotes for fluoride toxicity	Dr.G. Alagumuthu Post Graduate Department of Chemsitry, Sri Paramakalyani College, Alwarkurichi-627 412	36 months	726000
8.	DST/TDT/WT I/2k7/23	Development of Bismuth based Media for Nitrate Removal from water.	Dr.P.K. singh Department of Civil Engineering,	24 months	2406200

			Institute of Technology B.H.U., Varanasi-221005		
9.	DST/TDT/WT I/2k7/29	Technology transfer, capacity building and dissemination of Terafil Water Filters in a pilot scale for sustainable supply of clean drinking water in rural sector of the country.	Dr.S. Kuntia Institute of Mineral & Material Technology, CSIR, Bhubaneswar Orissa-751013	24 months	14228000
10.	DST/TDT/WT I/2k7/13	Action research on household level low cost water purification systems	Dr.K. Balachandrakurup Socio Economic unit foundation, A1, Belheaven Gardens,Kowdiar.P.O.,Thiruvananthapuram-695003	24 months	1082675
11.	DST/TDT/WT I/2k8/51	Purification of Drinking Water by Combined Treatment with Natural Coagulants and Solar Disinfection	Dr.Syeda Azeem Unnisa Lecturer, Centre for Environment, Institute of Science & Technology,Jawaharlal Nehru Technological University, Kukat pally,Hyderabad-500 085	24 months	884640
12.	DST/TDT/WT I/2k8/63	Microbiological and chemical characterization of water before and after treatment with rice husk ash (RHA) filters of different quality	Dr.B. Ramakrishnan Laboratory of Soil Microbiology, Central Rice Research Institute, Indian Council of Agricultural Research,Cuttack-753 006	24 months	1294120
13.	DST/TDT/WT I/2k8/83	Development of multi pass liquid cell for the study of water contamination	Dr.Anil kr. Chaudhary ACRHEM, School of Physics, Room No. P-002, Science Complex, University of Hyderabad, Gandhiram, Hyderabad-500 046	36 months	1914060
14.	DST/TDT/WT I/2k8/70	Development of prototype systems to produce arsenic-free safe drinking water	Prof. Priyabrata Sarkar Department of Polymer Science and Technology, University of Calcutta,,92 A.P.C. Road,Kolkata-700 009	24 months	943000
15.	DST/TDT/WT I/2k8/78	Development and Performance Evaluation of Household and Community Solar Water Disinfection Systems	Dr.M Mansoor Ahammed Civil Engineering Department, S V National Institute of Technology,Surat-395 007	36 months	1385280
16.	DST/TDT/WT I/2k8/66	Physibility Study on Development of Biosensors for Monitoring Pesticidal Residues	Dr.Ajay Kumar Pillai Govt. V.Y.T.P.G.A. College,	36 months	557700

		in Water	Durg-094-25245612		
17.	DST/TDT/WT I/2k8/60	Technology demonstration to conserve water in one villages of Jhujhunu District of Rajasthan	Brig.P.K. Bhatnagar The Creative Centre For Rural Development, 156, Ansal Chamber-II, 6 Bhikaji Cama Place,New Delhi-110 066	6 months	646800
18.	DST/TDT/WT I/2k8/35	Survey of Selected Plants and Study of their Efficacy for Disinfection of Contaminated Dug Well Water.	Dr.C.C.Harilal Post Graduate Department of Plant Science, Mahatma Gandhi Govt.,Mahe,Unoin Terriyory of Pondicherry-673 311	12 months	300000
19.	DST/TDT/WT I/2k8/53	Identification of some Indian plants for the development of indigeous technology for potable water treatment	Prof.Anupam Dikshit Biological Product Loboratory, Department of Botany, University of Allahabad, Allahabad-211 002	24 months	2276000
20.	DST/TDT/WT I/2k8/81	Prototype development of WSN based Adaptive Water Quality Monitoring System (AquaMon)	Dr.Siba K. Udgata Department of Computer and Information Sciences, University of Hyderabad, Hyderabad-500 046	24 months	1589760
21.	DST/TDT/WT I/2k8/74	Technological Development of novel biopolymers for potable water treatment	Dr.Moushumi Ghosh Dept. of Biotechnology & Environmental Sciences, Thapar University, Thapar Technology Campus, P.O. Box: 32, Patiala-147 004	36 months	2287810
22.	DST/TDT/WT I/2k8/31	Physical and Chemical Analysis, Testing, Training and Awareness of Potable Water and Water Sources of Uttarakhand State	Dr.Prashant Singh Department of Chemistry, DAV (PG) College Dehradun, Dehradun-248 001	36 months	3294000
23.	DST/TDT/WT I/2k8/61	Design a cheap water filter to purify chromium contaminated water	Dr.Susmita Mishra Department of Chemical Engg, National Institute of Technology (N.I.T), Rourkela-769 008	36 months	989000
24.	DST/TDT/WT I/2K8/44	Drinking water and santation information system (NEERJAAL)	Mr.Osama Manzar The president Digital Empowerment foundation, 12/17 LGF, Sarvapriya Vihar,New Delhi-110017	12 Months	1566230
25.	DST/TDT/WT I/2K8/99	Scientific evaluation of Water purification system in state of	Dr.N.S Tiwana Punjab state council for	3 Months	299000

		Punjab	science, Technology & Environment, Sector 26, Post Box No 727, Chandigarh-160 022		
26.	DST/TDT/WT I/2k8/107	Scientific evaluation of Water purification system in state of Tamil Nadu.	Dr S. Vincent Tamilnadu State Council for Science & Technology, Directorate of Technology Education (DOTE), Campus, Chennai, Tamil Nadu-600 025	3 Months	310500
27.	DST/TDT/WT I/2k8/105	Scientific evaluation of Water purification system in state of Orissa.	Shri R. K. Jena, IAS Secretary, Bhubaneshwar, Orissa-751001,	3 Months	310500
28.	DST/TDT/WT I/2k8/104	Scientific evaluation of Water purification system in state of Bihar	Dr Amitabh Ghosh Department of Science & Technology, Patna, Bihar-800 001	3 Months	310500
29.	DST/TDT/WT I/2k8/101	Scientific evaluation of Water purification system in state of Karnataka	Prof M. K. Surappa Karnataka State Council for Science and Technology, Indian Institute of Science Campus, Karnataka, Bangalore,-560 012	3 Months	310500
30.	DST/TDT/WT I/2k8/113	Scientific evaluation of Water purification system in state of Delhi	Shri.Sharda Pant, Department of Environment, 6th Level, C-Wing Delhi Secretariate, New Delhi-110002	3 Months	310500
31.	DST/TDT/WT I/2k8/112	Scientific evaluation of Water purification system in state of Andhara pradesh.	Prof.Ch. Venkata Ramana Devi Andhra Pradesh State Council of Science & Technology, Environment, Forests, Science & Technology Department, 12th Floor, Eastern Wingh, Gangan Vihar, M.J. Road, Andhra Pradesh-500001	3 Months	310500
32.	DST/TDT/WT I/2k8/100	Scientific evaluation of Water purification system in state of Manipur	Th Surendra Nath Singh Manipur Science and Technology Council, Central Jail Road, Imphal, Manipur-795 001	3 Months	310500
33.	DST/TDT/WT I/2k8/103	Scientific evaluation of Water purification system in state of Himachal Pradesh	Dr.Nagin Nanda, I.A.S State Council for S&T & Environment,	3 Months	310500

			Block 34, SDA Complex, Kusumpti, Himachal Pradesh-171 009		
34.	DST/TDT/WT I/2k8/102	Scientific evaluation of Water purification system in state of Assam	Dr R. K Barman Assam Science Technology and Environment Council, Bigyan Bhawan, G. S. Road, Near IDBI Building, Guwahati, Assam-781 005,	3 Months	310500
35.	DST/TDT/WT I/2k8/106	Scientific evaluation of Water purification system in state of Gujarat	Dr A. M. Prabhakar Gujarat Council on Science & Technology, Multi storey Building, B/7 M.S. Building, Sector 11, Near Pathik Ashram, Gandhinagar, Gujarat-382 011	3 Months	310500
36.	DST/TDT/WT I/2k8/110	Scientific evaluation of Water purification system in state of Goa	Shri Michael M. D' Souza, Goa State council of Science & Technology, Saligao Plateau, Opp. Saligao Seminary, P.O. Saligao, Bardez, Goa-403 511	3 Months	310500
37.	DST/TDT/WT I/2k8/108	Scientific evaluation of Water purification system in state of Kerala	Dr E. P. Yesodharan Kerala State Council for Science, Technology and Environment Sasthra Bhavan, Pattom P.O, Thiruvananthapuram, Kerala-695004	3 Months	310500
38.	DST/TDT/WT I/2k8/109	Scientific evaluation of Water purification system in state of Sikkim	Shri M. L. Arawatia, IFS Sikkim State Council of Science & Technology, Development Area, Gangtok-737 101	3 Months	310500
39.	DST/TDT/WT I/2k8/111	Scientific evaluation of Water purification system in state of Arunachal Pradesh	Shri Kemo Lollen, Arunachal Pradesh State Council for Science & Technology, ESS-Sector, Maung-phi Complex, Itanagar, Arunachal Pradesh-791 111	3 Months	310500
40.	DST/TDT/WT I/2k8/84	Safe Drinking Water for all	Dr A. Jagadeesh Resource Professor R&D, R.M.K. Engineering college kavaraipetti, Tamil Nadu-044-27925338	18 Months	377000
41.	DST/TDT/WT	Scientific evaluation of Water	Dr Mahesh Sharma	3 Months	310500

	I/2k8/114	purification system in state of Madhya Pradesh	Madhya Pradesh Council of Science & Technology, Nehru Nagar, PO-MANIT, Bhopal, Madhya Pradesh-462 003		
42.	DST/TDT/WT I/2k8/115	Scientific evaluation of Water purification system in state of Maharashtra	Dr AV Sapre Rajiv Gandhi S&T Commission, New Administrative Building, 19th Floor, Madam Cama Road, Opp Mantralaya, Maharashtra-400 032	3 Months	310500
43.	DST/TDT/WT I/2k8/89	Study to Assess and Analyze Status of Water purification Technologies in India	Dr P. K Gupta National Foundation Of India, 11/6B Pusa Road, New Delhi-110005	12 Months	1577400
44.	DST/TDT/WT I/2k8/72	Field Application and Management of community based Arsenic Removal units in Rural Areas of West Bengal	Dr. Asis Mazumdar School of water resource Engineering, Jadavpur University 188 Raja S.C. Mulik Road, West Bengal-700032	24 Months	1996280
45.	DST/TDT/WT I/2K8/117	Scientific evaluation of water purification system in state of Haryana.	The Director, Haryana state council for science and technology, SCO 24, Sector-26, Chandigarh-160019	3 Months	310500
46.	DST/TDT/WT I/2k8/54	Assessment of Groundwater quality along the Nandesari Effluent Channel Area of Central Gujarat	Prof. Bola Vinayak Kamath Department of Chemistry, Faculty of Science, M.S. University of Baroda, Varodara-390 002	12 Months	999120
47.	DST/TDT/WT I/2K8/127	Scientific evaluation of Water purification system in state of Uttarakhand	Dr. D.P. Uniyal USCST, Dehradun, Uttarkhand-248001	3 Months	310500
48.	DST/TSG/WP/2007/09	Development of cost effective 200 prototypes and improved versions of house hold module for removal of arsenic by Sfca from underground water.	Dr. R. C Maheshwari, Hindustan College of Science and Technology Agra Delhi Highway, NH-2, Farah, Mathura-281 122	12 Months	938400
49.	DST/TDT/WT I/2K8/118	Scientific Evaluation of Water purification system in state of Tripura.	The Member Deputy Secretary Vigyan Bhawan, Pandit Nehru Complex, Gorkhabasti, P.O. Kunjahan, Agartala, Tripura	3 Months	310500

			West-799 006.		
50.	DST/TDT/WT I/2K8/128	Scientific evaluation of Water purification system in state of Puducherry	The Director III Floor, PHB Building, ANNA Nagar,Puducherry-5	3 Months	310500
51.	DST/TDT/WT I/2K8/82	Feasibility Studies of a Few Developed and Experimental Defluoridation Technologies in Selected Fluorotic Villages of Dindigul District in Tamil Nadu	Dr.S. Meenakshi Department of Chemistry, Gandhiram Rural University, Gandhiram, Dindigul-624 302	36 Months	2751500
52.	DST/TDT/WT I/2K8/68	Remotely Monitored and Controlled High Capacity RO Plant for desalination of Sea Water	Dr.KSN Rao & N. Pathak Central Electronics Engineering Research Institute (CEERI), Pilani and CSMCRI, Bhavanagar,	36 Months	9991000
53.	DST/TDT/WT I/2K8/132	Workshop on Experince sharing on pilot scale demonstration of ceramic membrane based iron removal plant in the north eastern region	Dr.Sibdas Bandyopadhyay Head of Ceramic Membrane Division, 196 Raja S.C. Mullick Road,Kolkatta-700032	3 days	500000