

List of New Projects Sanctioned during F.Y. 2014-15: Water Technology Initiative

S.No	File No./ Date of sanction	Title	Duration	PI Name & Institution Address
1	DST/TM/WTI/2k13/108 30.04.2014	More crop and income per drop of water-a scientific approach for its effective realization.	24 months Rs. 20,20,700	Dr. K.Nandini Devi, Central Agricultural University, Imphal.
2	DST/TM/WTI/2k13/87 30.04.2014	Pilot Scale Demonstration of Novel Water Defluoridation Unit for Rural Areas.	24 months Rs. 23,94,800	Dr. C. Anand Babu, PSG College of Technology, Coimbatore.
3	DST/TM/WTI/2k13/98 05.05.2014	Field Trials of Low Cost Fluoride Filter: Domestic Ad Community Scale	36 months Rs. 12,78,000	Dr. C R Mohanty, Veer Surender Sai University of Technology, Sambalpur.
4	DST/TM/WTI/2k13/123 09.05.2014	Development of a novel hybrid process for the economic removal of ammonia from wastewaters.	36 months Rs. 21,85,770	Dr. P.C.Sabumon, VIT University, Chennai.
5	DST/TM/WTI/2k13/144 12.05.2014	Control and Operation of urban distribution networks	36 months Rs. 32,90,800	Dr. Sridharakumar Narasimhan, IIT Madras,
6	DST/TM/WTI/2k13/137 13.05.2014	Hydroxyapatite based ceramic adsorbent for strontium removal from drinking water	24 months Rs. 16,70,400	Dr. R. Selvakumar PSG Institute of Advanced Studies, Coimbatore.
7	DST/TM/WTI/2k13/127 15.05.2014	Catalytic Oxidation of Nitrogenous Aromatic Compounds bearing wastewater	24 months Rs. 26,02,400	Dr. Vimal Chandra Srivastava, IIT, Roorkee,
8	DST/TM/WTI/2k13/122 20.05.2014	Floating wick type vertical multiple effect diffusion solar still waste heat recovery	24 months Rs. 11,22,400	Dr. Madhup Kumar Mittal, Thapar University, Patiala Punjab.
9	DST/TM/WTI/2k13/125 21.05.2014	Removal of Arsenic from Drinking Water using Liquid Membrane based Separation Technique	36 months Rs. 26,17,200	Dr. Prabirkumar Saha, IIT Guwahati.
10	DST/TM/WTI/2k13/156 21.05.2014	Action Education of Scheduled Cast Youths on Water Resources Development and Management through Appropriate Scientific Technologies.	16 months Rs. 11,70,000	Dr. Kamalam Joseph, CWRDM, Kozhikode.
11	DST/TM/WTI/2k13/142 22.05.2014	Nagaland State Referral laboratory for Water Quality Testing and Monitoring	24 months Rs. 3,63,69,800	Dr. Zavei Hiese, Nagaland Science & Technology Council, Nagaland.
12	DST/TM/WTI/2k14/170 03.06.2014	Surface Plasmon resonance (SPR) based colorimetric sensing of Mercury and Chromium species in the contaminated waters	36 months Rs. 21,24,400	Dr. Amitava Mukherjee, VIT University, Vellore
13	DST/TM/WTI/2k13/115 11.06.2014	Development of River Filtration system on the banks of river Yamuna in Dayalbagh, Agra.	36 months Rs. 1,77,56,800	Prof. V. Soamidas, Dayalbagh Educational Institute, Dayalbagh, Agra-282005.
14	DST/TM/WTI/2k14/173 12/8/2014	Characterization & testing of Nanocelluloses a class of nanomaterials in model & real waters	36 months Rs. 12,29,400	Dr. Shaik Basha (CSMCR), Bhavnagar, Guj.

15	DST/TM/WTI/2k14/166 04.09.2014	Quantification & Characterization of Disinjection by products in drinking water from various places of T.N.	36 months Rs. 19,99,400	Dr. M. Vasanthy, Bharathidasan University, Tiruchirappali.
16	DST/TM/WTI/2k14/186 11/09/14	Defluoridation of water by Graphene metal ferrite composite	36 months Rs. 22,61,800	Dr. Susmita Sen Gupta, BN College, Dhubri
17	DST/TM/WTI/2k14/179 12/09/2014	Small Community Level low cost process from local Biomass for Iron & fluoride removal from Bare well water of (Asam Local Mass)	36 months Rs. 30,33,200	Dr. R.L. Goswamee, CSIR-NEIST, Jorhat.
18	DST/TM/WTI/2k14/194 22.09.2014	Assessment of the quality of drinking water sources in the western part of Godavari Western Delta, West Godavari Dist, A.P.	24 months Rs. 39,46,695	Dr. NVVS Prasad, Sir CRR Group of Educational Institution Eluru ii) Dr C A Jyothirmayee, CH. S. O. St. Therasas College for women, Eluru
19	DST/TM/WTI/2k14/180 22.09.2014	Studies on the effect of ingress of sea water in selected 56 villages of the Sunderbans of W.B.	12 months Rs. 14,06,800	Dr. S.K.Si, Vivekananda Instt. Of Biotechnology, Nimpith.
20	DST/TM/WTI/2k14/195 24.09.2014	Innovation Aquaculture technology for conservation of water & safe discharge of effluents	36 months Rs. 1,21,58,800	Dr. K Gopal Rao Uddaraju Anand Raju Foundation Bhimavaram.
21	DST/TM/WTI/2k14/183 24.09.2014	Assessment of the Quality of drinking water sources of the Godavari Western Delta West Godavari Dist, AP	24 months Rs. 35,43,800	Dr. M. Jagupathi Rajiv SRKR, Engg. College Bhimavaram.
22	DST/TM/WTI/2k14/174 29.09.2014	Safe and sustainable drinking water for a tribal village in wayanad Dist – A climate change hotspot of Kerala.	12 months Rs. 57,52,400	Dr. Danesh Kumar, MSSRF, Wayanad
23	DST/TM/WTI/2k14/188 29.09.2014	Policies for sustainable water resources : A study of vizag urban area	36 months Rs. 17,79,150	Prof. Lakshmi Prasad, GITAM University, Vizag
24	DST/TM/WTI/2k14/184 16.10.2014	Development of optode for fluoride by Digital color Analysis.	24 months Rs. 27,65,940	Dr. T.V. N. Partha Sarthi, MVGR College of Engg. Viziangarum, AP
25	DST/TM/WTI/2k14/197 16.10.2014	Facility for drinking water quality analysis and monitoring in North Coastal Dist. Of A.P.	36 months Rs. 2,00,75,400	Prof. K. Lakshmi Prasad, GITAM University, Vizag
26	DST/TM/WTI/2k14/216 30.12.2014	Automation of Hygienic drinking water supply system using wireless sensor networks.	36 months Rs. 22,32,708	Mrs. Kavipriya, Mepco Schlenk Engg. College, Sivakashi.
27	DST/TM/WTI/2k14/192 12.09. 2014	Improvement in access to safe drinking water to a settlement through re-commissioning of defunct bore wells, preventing wastage through diversion to a cistern with taps, education, and its impact on KAP regarding water health and sanitation and water-borne diseases	24 months Rs. 13,06,000	Dr. PVVS Murty Dangoria Charitable Trust, Musheerabad, Hyderabad.
28	DST/TM/WTI/2k14/193 28.11.2014	Recycling of waste water by improved moving bed bio film reactor	24 months Rs. 59,86,600	Prof. U Venkatapathi Raju Shri Vishnu Engg. College for Women (SVECW), Bhimavaram.

		in Vishnu Educational Society campus, Bhimavaram		
29	DST/TM/WTI/2K14/197(a) 27.11.2014	Design and Development of Electrochemical Biosensor with Nano interface to Detect Heavy Metal Ion Elements in Water	30 months Rs. 21,31,200	Dr. R. John Basco Balaguru SASTRA University, Thanjavur (TN).
30	DST/TMC/DIWALI/VUDA 19.02.2015	5 MLD (5000m ³ /day) Sewage Treatment facilities under new Urban Sanction System with Dutch technology for VUDA (Vadodara Urban Development Authority)	36 months Rs. 2,49,10,000	Mr. N V Patel, Vadodara Urban Development Authority(VUDA) Bhavan, Vadodara, Gujarat
31	DST/TM/WTI/2K14/213 26.03.2015	Design and Fabrication of Disposable Devices for Quantitative Detection of Fluoride in Field Studies	24 months Rs. 25,90,000	Dr. Mahaveer Kurkuri, Jain University, Kanakpura Taluk, Bangalore.
32	DST/TM/WTI/2K14/191 30.3.2015	Use of inorganic and hybrid sorbents/ exchangers for removal of toxic metals from industrial waste water	36 months Rs. 31,40,000	Dr. Kalpana C. Maheria, S.V. National Institute of Technology, Surat, Gujarat.
33	DST/TM/WTI/2K14/217 30.03.2015	Synthesis of nanoparticle impregnated on apple pomace(waste) for removal of heavy metals from wastewater	24 months Rs. 17,10,000	Dr. Yogesh B. Pakade, CSIR-IHBT, Palampur, H.P.