



सत्यमेव जयते

Uttarakhand State Council For Science & Technology
Department of Science & Technology, Govt. of Uttarakhand



DST New Projects Sanctioned

Sl No.	Name of the Projects	Remarks
1	Physical And Chemical Analysis, Testing, Training And Awareness Of Potable Water And Water Source Of Uttarakhand State	1) Water quality analysis in all the necessary parameters has completed. 2) On the bases of analysis of water samples across the state the recommendations for safe drinking water to the Uttarakhand Jal Sansthan has been forwarded. 3) The state agency UJS taking corrective measures for water purification for safe drinking water in the state.
2	Agribusiness Promotion Through Technology Demonstration In Ranawai Region, Uttarkashi	1) Protocol has developed for mass multiplication of apple root stock and other fruits has completed. 2) Development of protocol for mass multiplication of ornamental plants has been completed. 3) 10,000 apple root stocks, 25000 carnation and 1000 bulbs of liliun has developed per year and about 25000 farmers binifited by the project in adjoining areas.
3	Data generation & analysis of emissions from plasma system for safe and eco-friendly disposal of bio-medical and plastic waste at different locations across India (Kerala, Gujarat, Jammu & Kashmir, Uttarakhand)	1) Plasma pyrolysis machine installed in the district hospital of Dehradun Doon hospital. 2) Training on human resources has completed. 3) Post data collection monitoring of machine it was hand to the concerned hospital.



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4	Development Of River Bank Filtration In Hill Regions For Sustainable Solution For Quality And Quantity Problems Of Drinking Water	1) Riverbank filtration project implemented by UCOST n collaboration of state agency Uttarakhand Jal Sansthan in five sites viz., Satpuli, Karanpryag, Augastmuni, Gaucher, Srinagar. 2) Due to disaster during 16-17 June 2013 most of the civil works has been damaged. 3) A brain storming session conducted with state agencies to prepare the RBF phase IIIrd is under progress. 4) Replication of RBF project in 100 new sites in the state the DPR has already submitted to DST.
5	Development Of Low Cost Process For Purification Of Industrial Wastewater For Production Of Water Useful For Agriculture/Industries	1) Collection and characterization of waste water from the pharmaceuticals industries as a sample has completed. 2) Identification and screening of bacteria and fungal strains capable of degradation has completed. 3) Utilization of Bio filter and biodegradation process for removable of accumulated pollutants from the waste water has completed. 4) Developed the low cost process for treatment of waste industrial water has achieved.
6	Development Of Low Cost Electrochemical Nanobiosensor For Detection Of Enterobacteriaceae In Drinking Water	1) Preparation of suitable solid waste nanoporous membrane of desired porus structure has completed. 2) fabrication of suitable glass cell for naino biosensor cell has completed. 3) All the experimental design tested and completed as mentioned in the proposal.
7	Scientific Evaluation Of Water Purification System In Schools Of Uttarakhand	1) Project successfully implemented in 20 different schools of Uttarakhand. 2) All the water purification system implemented in the schools.



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		3) Hand training for data collector and data collection has been completed in all the experimental sites.
8	Kedarnath-II Mini Hydro Power Project (2x1000kw) At District Rudraprayag, Uttarakhand	1) Kedarnath mini hydro project and Rong Kong micro hydro project implemented in Kedarnath in district Chamoli and District Pithoragarh by the UCOST in collaboration of Uttarakhand Renewable Energy Development Authority (UREDA).
9	Rong Kong Micro Hydro Power Project (2x50Kw) Civil Works And (1x50 Kw) Electro-Mechanical	2) Due to disaster occurred in 16-17 June 2013 most of the civil and electrical works washed out. 3) The damage estimation report and budget requirement for rehabilitation of project has submitted to the DST.
10	Development of Standards Based Uttarakhand State Geoportal for Decentralized Governance SDI	
11	Seed Production of Potato by using Tissue Culture.....in Highlands of Uttarakhand	1) Selection of poor and marginal farmers for potato seed production has completed. 2) Collection of diseased free potato seed for mother culture and seed production has completed.
12.	Assessing Participation of Women in Science & Technology within University System in 6 states of Northern India	



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