

State S&T Program - Ongoing Project

Sl. No	Project Title	PI / Institute	Sanctioned Amount	Duration
1	2 X 50 KW Micro Hydel Project at Thuvopisu, Nagaland	Dr. Zavei Hiese, Nagaland State Council for Science & Technology, Kohima	9022000/- with share of DST as Rs. 80,92,000/- and of NASTEC as Rs. 9,30,000/-	12 months
2	Thangu Micro Hydel Project (2x100 KW)	Mr. D.G. Shrestha, Sikkim State Council for Science & Technology, Gangtok	2,17,86,000/- with share of DST as Rs. 1,96,07,400/- and of Sikkim council as Rs. 21,78,600/-	24 months
3	Dailong -2X 50 KW Micro Hydel Project	Th. Surendranath Singh, Manipur Science and Technology Council, Imphal	5985000	24 months
4	Video film on passive solar architecture being implemented in the State of Himachal Pradesh	Dr. S.S. Chandel, State Council for Science, Technology & Environment, H.P., SHIMLA	200000	12 months
5	Compilation & Documentation of Traditional Medicinal Plants in Bastar and Mandla districts	Dr. Rajendra Dobhal, Madhya Pradesh Council for Science & Technology, BHOPAL	453000	18 months
6	Training Programme for State S&T Officers	Dr. S. Rajagopalan, Technology Informatics Design Endeavour, Bangalore	460000	36 months
7	Design, Fabrication & Installation of Energy Efficient Biomass Driers for large Cardamom	Shri Dorji Thinlay, Sikkim State Council of Science & Technology, Gangtok, Sikkim	802000	18 months
8	Pilot Reverse osmosis plant of 2000 ltrs per hour capacity for treatment of brackish/hard ground water at Rajasthan & Gujarat	Shri V.J. Shah, Central salt and Marine Chemical Reserach Institute, Bhavnagar	400000	12 months
9	Design & hosting of Website of State S&T Council	Er. N.S. Tiwana, Punjab State Council for Science & Technology, Chandigarh	1110800	36 months
10	Environmental Influence on Feeding and Breeding strategies.....Pearlspot	Shri S.M. Shivaprakasha, Dept. of Fisheries Resources & Management, Mangalore	75000	12 months
11	Bioprospecting and biodiversity conservation of medicinal plants and development of plant based health care system in A&N islands	Dr. P. Pushpangadan, National Botanical Research Institute, Lucknow	2985000	24 months
12	Development of Plasma Pyrolysis Plant for safe disposal of plastic waste(Andaman & Nicobar Islands)	Prof. P.I. John, Facilitation Centre for Industrial Plasma Technologies, Gandhinagar	2780000	9 Months

13	Technology for developing diversified food products based on minor tubers of Kerala	Dr. S. Chellammal, Kerala Agriculture University, Kerala	350000	24 months
14	Documentation, Study, Propagation & Utilization of local medicinal plants with anti-diarrhoeal activity in the Parinche Valley (Maharashtra)	Dr. N.H. Antia, The Foundation for Medical Research, MUMBAI	1410000	24 months
15	Survey and Modernisation of the traditional Fishing Crafts and Gears in the Lakes and Wetlands of Manipur - Phase II	Sh. Kh. Rakesh, Manipur Science & Technology Council, Imphal	1662480	18 months
16	Documentation of traditional Agricultural Practices in Punjab	Dr. (Mrs) Ravinder Kaur Dhaliwal, Punjab Agricultural University, Ludhiana, Ludhiana	772000	24 months
17	Development & Demonstration of rainwater harvesting model to solve water scarcity problem in one village	Shri K.K. Gupta, Indian Institute of Rural Development, Mansarovar	291500	18 months
18	Documentation of Indigenous Knowledge System of Arunachal Pradesh	Sh. Debajit Mahanta, Arunachal Pradesh State Council for Science & Technology, Gorakhpur	672000	24 months
19	Etiology & Management of Root-rot Disease of Castor	Dr. V.V. Rajani, Gujarat Agricultural University, Junagadh, Gujarat	773468	24 months
20	Technical Back-up Unit for Demonstration of BGA Bio-fertilizer Technology	Dr. C.P. Dwivedi, Council of Science & Technology, UP, Lucknow	1938000 with DST Share of Rs.1238000/- & CST-UP Share of Rs.700000/-	12months
21	Setting up of a sericulture demonstration plant in J&K	Sh. U. Suryanarayana Murty, Indian Institute of Chemical Technology, Hyderabad,	2072000	24 months
22	Developing an integrated approach for prevention and control for fluorosis	Dr. Amita Gill, Rajasthan State Council for Science & Technology, Jaipur	425000	12 months
23	Development of Plasma Pyrolysis Plant for safe disposal of plastic waste	Prof. P.I. John, Facilitation Centre for Industrial Plasma Technologies, Gandhinagar	2780000	9 months
24	Bio Chemical Investigations of Enriched Coir Pith Compost Materials	Dr. P.K. Sushama, Kerala Agricultural University, , THRISSUR	297000	24 months
25	Studies on the Herbal folk medicines of Shekhawati region of Rajasthan	Dr. S.S. Katewa, M.L. Sukhadia University, Rajasthan	400000	24 months

26	Student Project Scheme.	Dr. K. Subramanian, Tamil Nadu State Council for Science & Technology, Chennai	350000	12 months
27	Design and Development of Prototype Machine (Fibre Extractor) for waste arecanet shell	Shri R.K. Barman, Assam Science, Technology & Environment Council, Guwahati	419000	18 months
28	Training and Demonstration on solid waste management through vermiculture in Andaman & Nicobar islands	Dr. Jatinder Kaur Arora, Punjab State Council on Science & Technology, Chandigarh	133170	12 months
29	Mapping of S&T needs- Identification and GIS based documentation for location specific problems & need for Science & Technology intervention.	Sh. Jawahar Sircar, West Bengal State Council of Science & Technology, Calcutta	1104000	12 months
30	Thermal studies on traditional wood burning heating stove (bukhari) used in Kashmir valley and design of high thermal efficiency bukhari's for usage in winter months.	Prof. K. Kuldeep Singh Jamwal, Kashmir University, Srinagar	227200	12 months
31	Popularization of Orchid Floriculture among rural masses by the adoption of mycorrhizal fungal technology.	Dr. S.J. S.John Britto, Centre for Natural Resource Study St. Joseph College, Tiruchirappalli	1161500	36 months
32	Development of Plasma Pyrolysis Plant for safe disposal of plastic waste	Prof. P.I. John, Facilitation Centre for Industrial Plasma Technologies, Gandhinagar	2780000	9 months
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34	Setting up of Facilities for Dissemination of Indian Standard Time in North-Eastern States	Dr. P. Banerjee, National Physical Laboratory, New Delhi	2331000	12 months
35	Community capacity building in water quality monitoring and water sources management	Dr. R.K. Sood, State Council for Science, Technology and Environment, Himachal Pradesh, SHIMLA	770000	24 months
36	R&D Pilot Defluoridation Plant based on Activated Alumina(AA) treatment technology. (Community level).	Shri A.K. Seth, Health Care Sansthan, Jaipur	1042000	24 months
37	Study and Restoration of Traditional Dyes of Manipur and Elucidating the Structures of the Colourants	Dr. Laitonjam Warjeet Singh, Manipur University, Canchipur	2283000	36 months

38	Pilot demonstration project on decentralized renewable energy development in Tribal Area of Rajasthan	Dr. Amita Gill, Department of Science and Technology, Govt. of Rajasthan, Jaipur	2300000	24 months
39	Study on Technology Intervention for Developing Management System for Fresh Water Pisciculture to enhance Local Fish Production in Arunachal Pradesh.	Shri Debajit Mahanta, Arunachal Pradesh State Council for Science & Technology, Itanagar	620000	24 months
40	Feasibility study for implementation of SuTRA package in Punjab	Dr. Rajesh Grover, Punjab State Council of Science & Technology, Chandigarh	430000	6 months
41	Demonstration of Non-chemical pest management in cotton : Action research different agrocluatic Zone of Tamilnadu	Dr. K. Vijayalakshmi, Centre for Indian Knowledge Systems, Chennai	763000	24 months
42	Micropropagation and cultivation of most sought after medicinal herbs used in Ayurveda and allied systems with people's participation	Dr. A. Gangaprasad, Tropical Botanic Garden & Research Institute, Thiruvananthapuram	1388000	36 months
43	Large scale treatment of drinking water containing nitrate by multi-bioreactor system	Dr. P. Lakshmanaperumalsamy, Bharathiar University, Coimbatore	651912	24 months
44	Introducing and Evaluating Scientific Storage practices for food grains among selected rural households in Coimbatore District	Dr. K. Manimozhi, Avinashilingam Institute for Home Science and Higher Education for Women - Deemed University, Coimbatore	575900	36 months
45	Seed production and mass culture of economically important Cephalopods (Squids and cuttle fishes)	Dr. Jamila Patterson, Suganthi Devadason Marine Research Institute, Tuticorin	704800	36 months
46	Preparation of an Atlas depicting problems requiring S&T intervention in Punjab	Dr. Neelam Gulati Sharma, Punjab State Council for Science and Technology, Chandigarh	1054000	12 months
47	Development of know-how for utilizing below ground biodiversity responsible for nutrient cycling and its restoration for on-farm fertility management under organic cultivation practices.	Shri Mukesh Gupta, M.R.Moraka-GDC Rural Research Foundation, Jaipur	1071000	24 months

48	Survey to Assess prevalence of genetic disorders and awareness programme among Rural Women regarding their causative factors and prevention.	Dr.(Mrs.) J.K. Arora, Punjab State Council for Science and Technology, Chandigarh	711620	24 months
49	Community survey on substance related disorders (Drug abuse) in Kashmir valley.	Dr. Mushtaq Ahmed Margoob, Govt.Medical College, Srinagar, Srinagar	503000	18 months
50	Preparation of atlas of problems of eight selected blocks in Tripura requiring S&T interventions	Shri Babul Chakraborty, Deptt. of Science, Technology & Environment, Govt. of Tripura, Agartala	1074000	12 months
51	Mapping of S&T needs Inventorization and Documentation of Location specific Problems for Science & Technology Interventions in Madhya Pradesh	Dr. Rajendra Dobhal, M.P. Council of Science & Technology, Bhopal	1186000	24 months
52	Development of website for DST's State S&T Programme	Mrs. K Dasgupta Misra, Vigyan Prasar, New Delhi	324500	12 months
53	Rain Water Harvesting in Tumkur City in Karnataka	Shri. A.R. Shivakumar, Karnataka State Council for Science & Technology, Bangalore	900000	24 months
54	Demonstration of indigenous reverse osmosis membrane technology and critical plant evaluation in desert region of Rajasthan	Sh. V.J. Shah, Central Salt & Marine Chemicals Research Institute, Bhavnagar	2380000	36 months
55	To design develop and evaluate low cost technologies for the treatment of domestic sewage in rural areas	Er. M.S. Jaggi, Punjab State Council of Science & Technology, Chandigarh	2398000	24 months
56	Bastar ecosystem plan transformation to a knowledge society data warehousing project	Prof. ML Naik, Chhattisgarh Council of Science & Technology, Raipur	1580000	12 months
57	Survey and study of Sugarcane woolly aphid - Ceratovacuna lanigera, Zehnt. in Western Maharashtra.	Dr. Patil Namdeo Gopal, Agriculture College ;(under Mahatma Phule Krishi Vidya peeth, Rahuri), Kolhapur	541000	18 months
58	Popularization of nutrition improvement technologies among rural adolescent girls of Amravati district	Dr.(Mrs.) Manisha P. Kale, Amravati University, Amravati (M.S.)	922000	24 months
59	Ground water quality monitoring in Kanpur district along the Gangetic Plain	Dr. Leela Iyengar, Indian Institute of Technology, Kanpur, Kanpur	728800	12 months

60	Isolation, Characterisation and Application of Natural Mordants in modern Dyeing	Dr. Usha Rawat (Rana), Hemwati Nandan Bhugura Garwhal University, Uttarakhand	819350	24 months
61	Development of village level(1000LPH) seawater reverse osmosis plant based on 2-Stage desalination		75,70,000/- with DST contribution of Rs. 55,70,000/- and District Collector, Ramanathapuram contribution of Rs.20,00,000/-	12 months
62	Geohydro-environmental investigations for exploring the possibilities of reactivation of buried reservoir and associated channels of OM valley, Betwa Basin M.P.	Dr. A.K. Vishwakarma, M.P. Water and Land Management Institute(WALMI), Bhopal	1320000	36 months
63	Demonstration-cum-Training on Natural Dye for Woollen product at Uttarakhand	Shri R.S. Kaira, ECO CARE, Nainital	1200000	12 months
64	Training programme for rural women in the production of handmade paper	Dr. PV Subba Rao, AP State Council of Science & Technology (APCOST), Hyderabad	1434400 with DST component of Rs. 10,04,080/- ,APCOST component of Rs.2,86,880 & local component of Rs.143440/-	12 months
65	Training of farmers in organic farming concepts in Andhra Pradesh through establishment of Vermicompost and Vermi wash units.	Dr. PV Subba Rao, AP State Council of Science & Technology (APCOST), Hyderabad	505890	6 months
66	GIS in Mapping Election Information System: Technology - Society Interface	Prof. Kalpana Markandey, Osmania University, Hyderabad	592800	24 months
67	Drip irrigation system for Rabi crops of Manipur	Shri Ch. Sarat Singh, Manipur Science & Technology Council, Imphal	1216700	36 months
68	Identification, pathobiology and control of some dreaded protozoan poultry diseases of West Bengal	Dr. P.K. Bandyopadhyay, University of Kalyani, Kalyani	1692000	36 months
69	Low Cost Housing using Stabilised Mud Blocks	Dr. L. Dinachandra Singh, Manipur Science & Technology Council, Imphal	1232000	24 months
70	Antioxidants and free radical scavenging effects in extracts of Zingiberaceae species exclusively found in Manipur	Dr. Laitonjam Warjeet Singh, Manipur University , Canchipur	2090000	36 months

71	Training of women artisans/tribals in traditional crafts for skill improvement	Dr. PV Subba Rao, Andhra Pradesh State Council of Science & Technology (APCOST), Hyderabad	1140920 with DST component of Rs. 7,98,644/- , APCOST component of Rs.2,28,184 & local component of Rs.1,14,092/-	12 months
72	Studies on seed production and enhancement of larval survival of indigenous food fishes of Kerala	Dr. K.John Thomas, Christ College, Kerala	1007150	36 months
73	Documentation and Scientific Validation of Traditional medical knowledge system in the Hodhpur Zone (Arid Rigion) and Udaipur Zone (Hilly Region) of Rajasthan.	Dr. B.L. Pareek, Ayurved Gramoudhyog Sodh Sansthan, Jodhpur	2548700	24 months
74	Study of radon anomaly in and around the Mashimpur anticlinal structure of South Assam - Its implications for hydrocarbon prospecting and related health hazard.	Dr. Indumati Laskar, Cotton College, Guwahati	1320950	24 months
75	Tissue culture of Urginea congesta and characterization of glycoside components	Dr. P.Sita Devi, Indian Institute of Chemical Technology,,	736000	36 months
76	Pilot scale demonstration of ceramic membrane based iron removal plants in the North Eastern States	Dr. Sibdas Bandyopadhyay, Central Glass & Ceramic Research Institute, Kolkatta	4464000	24 months
77	Cultivation of commercially viable pyrethrum (natural insecticide) in the hills of Kumaun	Dr. R.S. Kaira, ECO CARE, Lucknow	2563220	36 months
78	Identification of strategy for mapping of S&T needs in a state	Prof. J M Naidu, Andhra Pradesh State Council of Science & Technology (APCOST), Hyderabad	1412200	24 months
79	Identification of strategy for mapping of S&T needs in a state	Dr. G Ch. Chennaiah, Arunachal Pradesh State Council for Science & Technology, Itanagar	1412200	24 months
80	Identification of strategy for mapping of S&T needs in a state	Dr. Amitabh Ghosh, Bihar Council on Science & Technology, Patna	1412200	24 months
81	Identification of strategy for mapping of S&T needs in a state	Dr. N P S Varde, Goa State Council for Science & Technology , Goa	1412200	24 months
82	Identification of strategy for mapping of S&T needs in a state	Dr. R K Sood, Himachal Pradesh State Council for Science , Technology & Environment, Shimla	1412200	24 months

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84	Identification of strategy for mapping of S&T needs in a state	Th. Surendranath Singh, Manipur Science & Technology Council, Imphal	1412200	24 months
85	Identification of strategy for mapping of S&T needs in a state	Sh. R. D. West, Meghalaya State Council for Science , Technology & Environment, Shillong	1412200	24 months
86	Identification of strategy for mapping of S&T needs in a state	Dr. Amita Gill, Rajasthan State Council for Science & Technology , Jaipur	1412200	24 months
87	Identification of strategy for mapping of S&T needs in a state	Dr. K Jeyachandran, Tamil Nadu State Council for Science & Technology , Chennai	1412200	24 months
88	Identification of strategy for mapping of S&T needs in a state	Sh. Ravi Prakash, Haryana State Council for Science & Technology , Chandigarh	1412200	24 months
89	Identification of strategy for mapping of S&T needs in a state	Dr. A M Prabhakar, Gujarat Council on Science & Technology , Gandhinagar	1412200	24 months
90	Integrated technology utilisation for a block	Dr. AV Sapre, Govt. Of Maharashtra, Science & Technology Cell, Mumbai	952130	9 Months
91	Setting up of Plasma pyrolysis plant for treatment of hospital and plastic waste	Prof. P.I. John, Facilitation Centre for Industrial Plasma Technologies, Gandhinagar	21,27,000/- with share of FCIPT at Rs.18,35,000/- and state as Rs.2,92,000/-	18 months
92	Identification of strategy for mapping of S&T needs in a state	Council of Science & Technology, UP, Lucknow	1412200	24 months
93	Student Projects Programme-26 series seminar cum exhibition of final year engineering students on 22,23rd September, 2004	Prof. D.K. Subramanian, Karnataka State Council for Science & Technology, Bangalore	350000 with 50% contribution of DST i.e., Rs.175000/-	1 month
94	Workshop on "Science and Technology for the development of Uttaranchal" on 29 & 30 November,2004	Sh. K K Pande, Jan Shiksha Sansthan,	150000	1 month
95	Setting up of Plasma pyrolysis plant for treatment of hospital and plastic waste	Prof. P.I. John, Facilitation Centre for Industrial Plasma Technologies, Gandhinagar	21,27,000/- with share of FCIPT at Rs.18,35,000/- and state as Rs.2,92,000/-	18 months
96	Setting up of Plasma pyrolysis plant for treatment of hospital and plastic waste	Prof. P.I. John, Facilitation Centre for Industrial Plasma Technologies, Gandhinagar	21,27,000/- with share of FCIPT at Rs.18,35,000/- and state as Rs.2,92,000/-	18 months

97	Identification of strategy for mapping of S&T needs in a state	Dr. P K Bhat, Chattisgarh Council of Science & Technology, Raipur(CG)	1412200	24 months
98	Study on the prevalence, Therapeutic options and outcome measures of amblyopia.	Dr Rohit Saxena, All India Institute of Medical Sciences, New Delhi	1730750	24 months
99	Studies on the impact of environmental pollution on the eye	Prof. S K Gupta, Delhi Institute of Pharmaceutical Sciences & Research (DIPS&R), New Delhi	1432417	12 months