

LIST OF PROJECTS COMPLETED DURING 2005-2006

Environmental Research Programme (ERP)

S.No.	Title of the project	Name of the organization
1	Environmental monitoring and ecological risk assessment of industrial solid wastes	Env. Science, Dr RML Avadh University, Faizabad-224001
2	Treatment of waste aluminum dross oxide	Regional Research Laboratory, Bhubaneswar-751013
3	Uptake of heavy metals by Brassica juncea L and its potential for phytoremediation of polluted soils	Deptt. of Botanical & Environmental Sciences, Guru Nanak Dev University, Amritsar-143005
4	Microbial studies of lake Mansarovar Jammu Shivalik bacterial investigation on first and its environment with special emphasis on their role as bio indicator of water pollution	Rural Development Unit, Regional Research Laboratory, Jammu-180001
5	Development of environmentally & ecologically safe methods for the control of major insects pests of pea crops in Himachal Pradesh	Dr. Y.S.Parmar University of Horticulture and Forestry, Solan-173230
6	Development of manodispersed metal electrodes for electrochemical degradation of toxic synthetic organic pollutants from industrial effluents	Deptt. of Chemical Engg., Algoppa College of Technology, Anna University, Chennai-600025
7	Recycling of chromium from metal finishing waste waters using electrochemical ion exchange	Central Electrochemical Research Institute, Karaikudi-630006
8	Extensive testing of the developed mixed culture based BOD biosensor for determining the polluted load of industrial waste water – non conventional monitoring	Institute of Genomics and Integrative Biology, Mall Road, New Delhi-110007
9	Assessment of persistent organic pollutants and PCDDs and PCDFs in biological media	National Institute of Occupational Health, Meghani Nagar, Ahmedabad-380016
10	Treatment of effluent containing valuable/toxic metal ions and its recovery by electro dialysis	Reactive Polymer Discipline, Central Salt & Marine Chemicals Research Institute, Bhavnagar-364002
11	Development and demonstration of Biotechnology for tannery treatment	Kongu Engineering College, Perundurai, Erode-638052
12	Development of eco-friendly nematode management technology in vegetable crops with neem and neem based bio-pesticides	Department of Nematology, Indian Agricultural Research Institute, New Delhi -110012

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Ecosystem Research Scheme (ERS)

S.No.	Title of the project	Name of the organization
1	Study of Ecology and Biodiversity of the Lonar Crater Ecosystems	Department of Zoology Ahmednagar College Post Box No. 21, Station Road Ahmednagar-414 001.
2	Diversity of Meiobenthic Fauna of Coastal Line of Tamilnadu	P.G. and Research Department of Zoology, The New College, Chennai-600 014
3	Ecology of the Inter Tidal Zone of the Open Saurashtra Gujarat.	Gujarat Ecological Society 5, Golden Apartment, Subhanpura, Vadodara-390023
4.	Management of Himalayan Monal – Habitat Ecology and Behaviour	Reproductive and Wildlife Biology Unit, HNB Garhwal University Post Box No.45, Srinagar Garhwal-246174.
5	Adaptive Research on improvement of natural grasslands in district Sirmour of Himachal Pradesh.	Himachal Pradesh Krishi Viswavidhalaya, Regional Research Station Dhaulakuan-173 001, Sirmour(HP).
6	A Rapid clonal multiplication of some important conifers of Kashmir Valley through Tissue & Organ Culture Technique	Centre of Research for Development Kashmir University, Srinagar-190006, Kashmir.
7.	Studies on the Biology, Captive Spawning and Searanching of the Sea horse, Hippocampus sp	Vizhinjam Research Centre of C.M.F.R.I Vizhinjam Thiruvananthapuram-695 521 Kerala.
8.	Studies on Ecosystem Dynamics of Disturbed and Undisturbed Tropical Rain Forests of Arunachal Pradesh	Deptt. of Forestry North Eastern Regional Institute of Science & Technology Nirjuli-791109 Arunachal Pradesh.
9	Biodiversity and efficacy of locally available plantso abnoxious weeds against major insect-pests and diseases of oil seed crops in H.P.	Himachal Pradesh Krishi Vishvavidyalaya, Oil Seeds Research Station, Kangra-176001.
10	Seed Technology of Forest Trees: Post Harvest handling and Ex-situ Storage	Seed Biology Laboratory, School of Life Sciences, Pt. Ravishankar Shukla University Raipur-492010
11.	Ecotypic evaluation and <i>In vitro</i> multiplication of selected tree species for different agroclimatic zones of Tamil Nadu	Deptt. of Agronomy Annamalai University Annamalainagar-608002 Tamil Nadu.

Eastern & Western Ghats Research Programme

S.No.	Title of the project	Name of the organization
1.	Passerine birds versus floral syndromes and seed dispersal in Eastern Ghats of Visakhapatnam and East Godavari district of Andhra	Andhra University Visakhapatnam-530 003
2.	Conservation of selected rare and economic rattan Palms of Western Ghats through in-vitro multiplication and reintroduction	TBGRI, Palode Thirivananthapura-695 562
3.	Development of protocols for micro-propagation of an endangered forest tree – <i>Givotia rottleriformis</i> Griff (Euphorbiaceae)	Kakatiya University Warangal-506 009
4.	Study on mutualism between <i>Cullenia exarillata</i> and vertebrate community in the tropical rain forest ecosystems of Silent Valley Kerala	TBGRI, Palode Thiruvanathapuram-695 562
5.	Studies on the distribution of <i>Aedes aegypti</i> (L), the mosquito vector of dengue, Chikungumya and Yellow Fever viruses in the towns and villages along the Western coastal region of India	National Institute of Virology Pune-411 001
6.	Ecology and conservation of selected tree endemics of Kerala	Division of Ecology, KFRI, Thrissur, Peechi-680 653
7.	Assessment and abatement of environmental pollution due to hydrogen sulphide and methane in the coconut husk retting water	Regional Research Laboratory Industrial Estate P.O. Thiruvananthapura-695 019
8.	Diversity of fungal endophytes of tropical forest trees in Western Ghats	Vivekananda College Chennai-560 003
9.	Biodiversity of plant pathogenic fungi in the Kerala part of the Western Ghats	KFRI, Peechi- 680 653
10	Micro-propagation and germplasm conservation of endangered medicinal plants of Western Ghats	National Chemical Laboratory Pune-411 008
11.	Biodiversity of Eriophid fauna (Eriophyoidea : Acari) of Eastern Ghats of Tamil Nadu	CAS in Entomology TNAU Coimbatore-641 003
12.	Status and ecology of the Nilgiri Wood Pigeon and Nilgiri Wood Pipit	SACON Coimbatore-641 108
13	Status, distribution and ecology of grey headed Bulbul <i>Pycnocotus pericephalus</i>	SACON Coimbatore-641 108
14.	Studies on the role of nematodes as dyosprobes of litter decomposition in Western Ghats region of Tamil Nadu	Deptt. of Nemaology, T.N. Agricultural Univ., Coimbatore-641 003
15.	Evaluation of bird community structure in the Palni Hills with special reference to the threatened and endemic species	BNHS Mumbai-400 023
16.	Bio-systematic studies on the Eulophid Parasitoids (Hymenoptera : Eulophidae) of Kerala State including South Western Ghats	Deptt. of Zoology Univ. of Calicut Calicut-673 008

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17.	Assessment of Bat biodiversity in Central Western Ghats of Maharashtra	Deptt. of Zoology Fergusson College Pune-411 004
18.	Ecological studies in the upstream of Bhadra and Tunga river basins in the Western Ghats of Karnataka	Deptt. of Bio-sciences, Mangalore University, Mangalagotri-574 199
19.	Assessment of Herpetofaunal diversity of Eastern Ghat region of Orissa	Deptt. of Zoology, North Orissa University, Baripada - 757003

National River Conservation Plan

S. No.	Name of the Project/ Scheme	Name of the Town/ City
Andhra Pradesh		
1.	Interception and Diversion	Mancharial (NRCP)
2.	Sewage Treatment Plant (2.50 mld)	Mancharial (NRCP)
3.	Sewage Treatment Plant (3.96 mld)	Mancharial (NRCP)
Orissa		
4.	Wood Based Crematoria	Dharamshala (NRCP)
Tamilnadu		
5.	Interception & Diversion (Package-I)	Chennai (NRCP)
6.	Interception & Diversion (Package-IV)	Chennai (NRCP)
7.	Interception & Diversion (Package-V)	Chennai (NRCP)
8.	Interception & Diversion (Package-VI)	Chennai (NRCP)
9.	Interception & Diversion (Package-VII)	Chennai (NRCP)
10.	Interception & Diversion (Package-VIII)	Chennai (NRCP)
11.	Interception & Diversion (Package-IX)	Chennai (NRCP)
12.	Interception & Diversion (Package-XI)	Chennai (NRCP)
13.	Sewage Treatment Plant(60.00 mld)	Chennai (NRCP)
West Bengal		
14.	Lifting Station	Mahestala (S/C Towns)
15.	Lifting Station (I & D)	Garulia (S/C Towns)
16.	Lifting Station-I (Southern Part)	Gayeshpur, Halisahar & Kanchrapara (S/C Towns)
17.	Main Pumping Station MPS	Garulia (S/C Towns)
18.	Main Pumping Station MPS	Mahestala (S/C Towns)
19.	Sewage Treatment Plant (3.98 mld)	Mahestala (S/C Towns)
20.	Sewage Treatment Plant (7.6 mld)	Badreshwar-Champdani (GAP II (Main Stem))
21.	Sewage Treatment Plant (6.0 mld) Northern part	Gayeshpur, Halisahar & Kanchrapara (S/C Towns)
22.	Sewage Treatment Plant (7.90 mld)	Garulia (S/C Towns)

NRCP	-----> National River Conservation Plan,
S/C Towns	-----> Supreme Court Order Towns
GAP-IIa	-----> Action Plan Phase-II
DAP	-----> Damodar Action Plan