

LIST OF PROJECTS SANCTIONED DURING 2005-2006

Environmental Research Programme (ERP)

S.No.	Title of the project	Name of the organization
1	Development of a process for production of liquid fuel from petroleum refinery solid waste of North Eastern Region of India by thermal and catalytic cracking	Regional Research Laboratory, Jorhat – 785006
2	Physico-chemical ex-situ remediation of soils, sediments and aquifers contaminated by hazardous waste	Centre for Environmental Science & Engineering., Indian Institute of Technology, Bombay, Powai, Mumbai-400076
03	Traditional methods of water harvesting and its impact on environment in Bikaner District (Rajasthan)	Post Graduate Deptt. of Geography, Government Dungar College, Bikaner - 334001 (Rajasthan)
04	Assessment of human exposure to PCBs through biological monitoringOccupational	National Institute of Health, Meghani Nagar, Ahmedabad-380016
05	Experimental investigations on environmental impact of using tyre pyrolysis oil in internal combustion engines	Deptt. of Mechanical Engineering, Rajalakshmi Engineering College, Chennai-602105
06	Microwave assisted grafting of vinyl monomers on to the natural gums : a source of effective coagulating and flocculating agents for industrial waste water treatment	Department of Chemistry, University of Allahabad, Allahabad-211002
07	NAT2 gene polymorphism (RELP) in urinary bladder mucosa due to environmental pollutant exposure	Maulana Azad Medical College, New Delhi-110002

Ecosystem Research Scheme (ERS)

S.No.	Title of the project	Name of the organization
1.	Assessment of Biodiversity, Bio-ecology and Conservation Strategies of Sericigenous insects in North-Eastern Region of India.	Department of Zoology, Nagaland University Hqs. Lumami, Mokokchung Pin-798 601, Post Box No. 12, Nagaland.

Ministry of Environment & Forests

S.No.	Title of the project	Name of the organization
2	Pollination Biology, Germplasm Collection and Production of Improved Planting Stocks of <i>Terminalia chebula</i> Retz. and <i>Terminalia bellirica</i> (Gaertner) Roxb.	Institute of Forest Genetics and tree breeding, Coimbatore-641 002.
3.	Regeneration and Plant Diversity Status along the Disturbance Gradient on Natural Oak Forests in Garhwal Himalaya.	Deptt. of Forestry, Post Box No. 59, HNB Garhwal Univ., Srinagar-Garhwal 246174, Uttaranchal
4.	Status, Ecology and Conservation of striped Hyaena (<i>Hyaena hyaena</i>) in Gir National Park and Sanctuary	Wildlife Society of India, Department of Wildlife Sciences, Aligarh Muslim University, Aligarh-202 002
5	Effects of Forest Use on Biodiversity Conservation Values as seen in Bird Communities of Sariska Tiger Reserve, Rajasthan	Council for Social Development, Sangha Rachna, 53, Lodhi Estate, New Delhi-110003.

Eastern & Western Ghats Research Programme

S.No.	Title of the project	Name of the organization
1.	Study on the impact of developmental activities on the quality of surface and ground water resources in Konaseema area of Andhra Pradesh.	Deptt. of Inorganic & Analytical Chemistry, Andhra University, Visakhapatnam – 530003
2.	<i>Chromolaena odorata</i> invasions to Western Ghats: causes, consequences and management	Centre for Environmental Management of Degraded Ecosystems (CEMDE), School of Environmental Studies, University of Delhi, Delhi.
3.	Studies on the ectomycorrhizal fungal diversity in different forest types and their association with endemic, indigenous and exotic species in the Western Ghats forests of Thiruvananthapuram District, Kerala	Div. of Microbiology, TBGRI, Palode, Thiruvananthapuram , Kerala
4.	Exploration of tribal botanical knowledge for sustainable socioeconomic development and conservation of biodiversity of Agasthiar Hills, Western Ghats, India through women self help groups	St. Xavier's College, Palayamkottai, Tamil Nadu - 627002
5.	Ecology of Indian Grey Hornbill (<i>Ocyerops birostris</i>) with special reference to its role in seed dispersal in Southern Eastern Ghats	Salim Ali Centre for Ornithology and Natural History, Coimbatore, Tamil Nadu.
6.	A study on the Herpeto faunal communities of the Upper vaigai Plateau Western Ghats, India	Salim Ali Centre for Ornithology and Natural History, Coimbatore, Tamil Nadu.

7.	Diversity of Micro-fungi in leaf litter of different forests of Western Ghats	Ramakrishna Mission Vivekananda College, Chennai
8.	Chemical loading into reservoirs : Investigation from selected watersheds of Periyar river in Western Ghatsm, Kerala	Centre for Earth Science, Studies, Thirvananthapuram
9.	Studies of the biosystematics of parasitic wasps of Eupelmidae [Hymenoptera] of Kerala including Southern Western Ghats	Department of Zoology, University of Calicut, Calicut
10.	Investigations on the fungi and insects associated with fruits and seeds of selected endemic trees of Western Ghats	Wood Biodegradation Division, IWST, Bangalore
11.	Role of insect predators in the regulation of biodiversity of forests ecosystem	St. Xavier's College, Palayamkottai, Tamil Nadu - 627002
12.	Establishment of in vitro gene banks of <i>Nothopodytes foetida</i> (wt.) Sleumer – threatened species of Western Ghats	Bangalore University, Bangalore
13.	Biodiversity in Piper and Gavicinia and identification of spots of spices richness in Western Ghats (using GIS and Molecular Markers)	Indian Institute of Spices Research, Calicut

Policy Research (RE Division)

S.No.	Title of the Project	Name of the organisation
1.	24/4/2005 – RE Estimating the economic value of forest lands in different Bio geographic zones in India: A methodology	Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi - 110007.
2.	24/8/2005 – RE Valuation of Ecological Services of Wetlands in India	Economic Research Unit, Indian Statistical Institute, Kolkata.

Wetlands

S.No.	Title of the Project	Name of the organisation
1.	Ecological sustainability of Samaspur wetland with special emphasis on migratory waterfowl	The Energy Research Institute, New Delhi
2.	Habitat mapping of Mahseer fishes and development of Spatial Database for North-Eastern Aquatic Biodiversity	Department of Life Sciences, Assam (Central) University
3.	A Study on evaluation and conservation of microbial biodiversity of Keoladeo National Park, Bharatpur – Potential applications in medicine, agriculture, industry and environmental management	Centre for Studies in Microbiology, Department of Botany, Jiwaji University, Gwalior

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| 4. Restoration of Point Calimere (The great Vedaranyam Swamp), a designated Ramsar site, for the benefit of fisheries and migrant water birds | Bombay Natural History Society, Hornbill House, Mumbai |
| 5. Comprehensive ecological investigation on the east Kolkata wetland eco-system for its conservation and better sustainable | Institute of wetland management and ecological design, Kolkata |
| 6. Development of new genetic variability and improvement of <i>Euryale ferox</i> (Makhana) | National Botanical Research Institute, Lucknow |

National River Conservation Plan

S. No.	Name of the Project/ Scheme	Name of the Town/ City
Nagaland		
1.	Afforestation	Dimapur (NRCP)
2.	Low Cost Sanitation	Dimapur (NRCP)
3.	Land Acquisition	Dimapur (NRCP)
4.	Interception & Diversion	Dimapur (NRCP)
5.	Public Participation	Dimapur (NRCP)
6.	Sewage Treatment Plant	Dimapur (NRCP)
Orrisa		
7.	Low Cost Sanitation	Chandbali (NRCP)
8.	River Front Development	Chandbali (NRCP)
9.	Wood Based Crematoria	Chandbali (NRCP)
Punjab		
10.	Tapping of open surface drains	Ludhiana (NRCP)
Uttranchal		
11.	Interception & Diversion	Rudra Prayag (S/C Cases)
Uttar Pradesh		
12.	Bathing Ghat at Brijghat	Garmukteswar (GAP II)
West Bengal		
13.	Additional Lifting Station	Badreshwar-Champdani (GAP II)
14.	Crematoria	Barrackpore (GAP II)
15.	Lifting Station-I	Asansol (DAP)
16.	Interception & Diversion (Western Side)	Circular Canal (GAP II)
17.	(a) Interception & Diversion, (b) Main Pumping Station, (c) Sewage Treatment Plan, (d) River Front Development	Siliguri (GAP II)
18.	Sewage Treatment Plant (Zone-B)	Asansol (DAP)
19.	Sewage Treatment Plant	Garulia (S/C Cases)
20.	Sewage Treatment Plant	Badreshwar-Champdani (GAP II)

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