

LIST OF PROJECTS SANCTIONED DURING 2002-2003

Sl. No.	Title of the Project	Name of the Organisation
Environment Research Programme		
1.	Treatment of effluent containing valuable/toxic metal ions and its recovery by electro dialysis	Reactive Polymer Division, Central Salt and Marine Chemicals Research Institute, Bhavnagar – 364 002.
2.	Search for novel bioinsecticides from <i>Xenorhabdus nematophilus</i>	Centre for Biotechnology, Jawaharlal Nehru University, New Delhi – 110 067.
3.	Extensive testing of the developed mixed culture based BOD biosensor for determining the pollutional load of industrial waste-waters	Centre for Biochemical Technology (CSIR), Mall Road, Near Jubilee Hall, Delhi – 110 007.
4.	Micro-controller based ozone monitor	Central Scientific Instruments Organisation, Sector 30-C, Chandigarh – 160 030.
5.	Recycling of chromium from metal finishing wastewaters using electrochemical ion exchange	Central Electro Chemical Research Institute, Karaikudi – 630 006.
6.	Development and demonstration of biotechnology for tannery treatment	Kongu Engineering College, Perundurai, Erode – 638 052.
7.	Studies on removal and recovery of hexavalent chromium – liquid membrane	Centre for Environmental Studies, Anna University, Chennai – 600 025.
8.	Environmental monitoring and ecological risk assessment of industrial solid wastes	Department of Environmental Sciences, Dr. R.M.L. Avadh University, Faizabad – 224 001, U.P.
9.	Development of a coal tar pitch with a reduced content of polycyclic aromatic hydrocarbons	National Physical Laboratory, Dr. K.S. Krishnan Marg, New Delhi – 110 012
10.	Development of eco-friendly nematode management technology in vegetable crops with neem and neem-based biopesticides	Division of Nematology, Indian Agriculture Research Institute, Pusa Road, New Delhi – 110 012.
11.	Micro-controller based COH and dust mass monitor	Process Instruments Unit, Central Scientific Instruments

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| | Organisation, Sector 30-C,
Chandigarh – 160 030. |
| 12. Treatment of effluent containing valuable/toxic metal ions and its recovery by electro dialysis | Central Salt & Marine Chemicals Research Institute,
Bhavnagar – 364 002. |
| 13. Study for the development of process for the biodegradation of pollutants present in the distillery effluent using membrane reactor | Chemical Engineering Division,
National Chemical Laboratory,
Pune – 411 008. |
| 14. Development of nanodispersed metal electrodes for electrochemical degradation of toxic synthetic organic pollutants from industrial effluents | Department of Chemical Engineering,
Algoppa College of Technology,
Anna University, Chennai – 600 025. |
| 15. Development of environmentally and ecologically safe methods for the control of major insects pests of pea crops in Himachal Pradesh | Dr. Y S Parmar University of Horticulture & Forestry,
Solan – 173 230. |
| 16. Development of heterogeneous ion-exchange membranes to be used in electrodialysis process for the industrial effluent treatment | Central Salt and Marine Chemicals Research Institute,
Bhavnagar – 364 002. |

Ecosystem Research Scheme

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| 1. 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). |
| 2. Management of Himalayan Monal – habitat ecology and behaviour | Reproductive and Wildlife Biology Unit,
HNB Garhwal University,
Post Box No.45, Srinagar,
Garhwal – 246 174. |
| 3. Study of ecology and biodiversity of the Lonar Crater Ecosystems | Department of Zoology, Ahmednagar College,
Post Box No. 21, Station Road,
Ahmednagar – 414 001. |
| 4. Diversity of meiobenthic fauna of coastal line of Tamilnadu | P.G. and Research, Department of Zoology
The New College, Chennai – 600 014. |
| 5. Indigenous technical knowledge of natural resources use practices and their linkage to conservation and sustainable development in the arid ecosystem | Arid Forest Research Institute,
Jodhpur – 342 003,
Rajasthan |
| 6. In vitro screening and multiplication of tree species of coastal Agro ecosystem for abiotic | Deptt. of Agronomy, Annamalai University
Annamalainagar – 608 002, |

stress tolerance

Tamil Nadu.

7. Floral diversity under prevailing state of plant invasion and extraction regime in forests of southwest Bengal
Raja N.L. Khan Women's College,
Midnapur – 721 102,
West Bengal.
8. People's use of forest resources vis-à-vis impact of forest depletion on livelihood issues of local people in Sikkim Himalaya
Anthropology and Human Genetic Unit,
203, Barrackpore Trunk Road,
Kolkata – 700 018.
9. Evaluation of biodiversity and ethno-botanical studies in protected areas of Pench National park, Maharashtra
P.G. Deptt. of Botany,
Nagpur University,
Nagpur
10. Biodiversity and distribution pattern of Hymenopteran parasitoids of different insect crop pests in Manipur, North East India
Department of Life Sciences,
Manipur University,
Imphal – 795 003.

Eastern and Western Ghats

1. Reproductive biology and genetic diversity of three economically useful forest tree species of Western Ghats
Department of Botany,
University of Delhi,
Delhi- 110007.
2. Mutualism in Whitefly – Ant interaction in the Western Ghats of Tamil Nadu
Department of Zoology,
Madras Christian College,
Chennai, Tamil Nadu.
3. Bio-systematic studies on the Eulophid Parasitoids (Hymenoptera : Eulophidae) of Kerala State including south Western Ghats
Department of Zoology,
University of Calicut,
Calicut
4. Assessment of bat biodiversity in central Western Ghats of Maharashtra
Department of Zoology, Fergusson College,
Pune, Maharashtra.
5. Optimization of harvesting and post-harvest technology to economize bamboo resource utilization
Kerala Forest Research Institute,
Peechi, Trissur,
Kerala – 680653.
6. Litter insect dynamics with special reference to ecological succession and chemical ecology along varying altitudes in the Wynad and Coorg forests of Western Ghats
Department of Zoology,
St. Joseph's College,
Calicut.
7. Illustrated manual on Tree flora of Kerala supplemented with computer-aided identification
Kerala Forest Research Institute,
Peechi, Trissur, Kerala – 680653.
8. Studies on the role of Nematodes as Dysoprophes of litter decomposition in
Department of Nematology,
Centre for Plant Protection Studies,

Western Ghats region of Tamil Nadu

Tamil Nadu Agricultural University,
Coimbatore – 641 003, Tamil Nadu.

9. Utilization of important forest produces from Eastern and Western Ghats as natural food additives

Plantation Products,
Spices and Flavour Technology
Department,
Central Food Technological Research
Institute,
Mysore – 641003, Karnataka.

Biosphere Reserve Scheme

1. Documentation, inventorization and utilization of ethnic knowledge for conservation and management of Dehang-Dibang
2. Faunal survey – birds and mammals in Dehang-Debang Biosphere Reserve
3. Biodiversity of Gall forming insects of economically important plants of north-east India, especially Dibru Saikowa Biosphere Reserve

North Eastern Regional Institute of Science & Technology, Nirulau 791 109, Itanagar.

The Rhino Foundation of North-east India,
The Assam Co. Ltd, G. Baroloi Path,
Bamunimaidan, Guwahati – 781 021.

Manipur University,
Manipur, Imphal – 795 003.

Wetlands

1. Environmental studies of wetland- Nalsarovar of Gujarat with particular reference to biodiversity, eutrophication and anthropogenic pressures
2. Studies on the biodiversity management and conservation of Sasthamkotta lake
3. Conservation of Khajjiar lake

Department of Biosciences,
Natubhai V. Patel College of Pure and
Applied Sciences, Vallabh Vidya Nagar,
Gujarat.

Environmental Resources Research Centre
(ERRC), Kerala

Divisional Forest Officer (Wildlife
Division), Govt. of Himachal Pradesh,
Chamba, H.P.

Mangroves

1. A study on the quantification of the resource dependence and anthropogenic pressure on the mangrove resources of coastal Kachchh
2. Project proposal on Assessment of Mangroves

Gujarat Institute of Desert Ecology,
P.B. No. 83, Mundra Road, Opp.
Chogleshwar Temple, Bhuj (Kachchh),
Gujarat – 370 001.

Forest Survey of India,
P.O. IPE, Kaulagarh Road,
Dehradun.

Coral Reefs

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| 1. Establishing a network of representative Marine Protected Area network in Lakshadweep Islands, India | Oceans and Coasts Programme, WWF India, 172-B, Lodhi Estate, New Delhi – 110 003 |
| 2. Monitoring Health of Coral Reefs of Lakshadweep and Andaman & Nicobar Islands: Training & capacity building of Forest Officials in scuba diving and biophysical methods | Reef Watch Marine Conservation, E-20, Everest, Tardeo, Mumbai – 400 034. |
| 3. Studies on bio-diversity of seaweeds and impact of over exploitation of commercial seaweeds on extent of coral reef of Gulf of Mannar | Marine Algal Research Station (CSMCRI), Mandapam Camp, Ramnathapuram – 623 519. |
| 4. Project proposal on assessment of coral reefs | Forest Survey of India, P.O.-IPE, Kaulagarh Road, Dehradun. |
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