
DETAILS OF RESEARCH PROJECTS UNDERTAKEN BY THE FACULTY

**List of projects from UGC, CSIR, DST, DBT, ICSSR, ICAR and other agencies
Details of research project and grant received from different agencies during the last five
years**

Name of the Investigator(s)	Title of the Project and Duration	Amount (Rs. in lakh)	Funding Agency
N. K. Chrungoo A.K. Misra S. K. Barik	Development of a network enable database of floral resources of north east India	9.99	DRDO
S. Kumaria P. Tandon	Mass micropropagation of <i>Jatropha</i> spp. of northeast India.	9.57	DRDO
P. Tandon N. K. Chrungoo S. Kumaria	Species Recovery Programme for <i>Nepenthes khasiana</i> , <i>Mantisia spathulata</i> , <i>Nymphaea tetragona</i> .	45.62	DBT
P. Tandon S. Kumaria	Conservation of rare and commercially important indigenous orchids of north-east India	21.0	DBT
S.K. Barik	NTFPs for Livelihood development: Analysis of NRM Policy Environment in Meghalaya	4.97	CIFOR
S. K. Barik B. K. Tiwari	Development of sustainable landscape model for North – East India	7.46	MacArthur Foundation
Uma Shankar	Inventory and spatial mapping and modeling of sacred biodiversity landscapes for conservation in Meghalaya	5.71	IERP-GBPIHED
S. K. Barik H. N. Pandey	Study of forest fragmentation and its impact on population ecology of ethno and threatened plants of Khangchendzonga Biosphere Reserve, Sikkim	22.0	MoEF
S.K. Barik H.N. Pandey	Ecorestoration of degraded sacred groves in Meghalaya	5.50	IERP-GBPIHED
S. K. Barik	Ecological studies in Ranganadi, Kameng and Dikrong catchment areas of Arunachal Pradesh	5.80	WAPCOS (MoWR)
S.K. Barik R.S. Tripathi H.N. Pandey	State of environment reporting in Meghalaya	5.9	MoEF
R. S. Tripathi B. K. Tiwari S. K. Barik	Community forest management in North – East India	27.0	CFI, MacArthur Foundation
S. K. Barik	Ecological Studies in Bhagirathi and Alaknanda catchment areas of Uttaranchal	4.96	WAPCOS (MoWR)
P. Tandon, S. Kumaria	Conservation of Plant Diversity of Northeast India with Special Reference to Rare and Endangered Plants	33.15	DBT, New Delhi

S. Kumaria P. Tandon	Mass micropropagation of orchids towards Socio-economic upliftment of women folk in Meghalaya	10.72	DBT, New Delhi
R. S. Tripathi P. S. Roy	Biodiversity characterization at landscape level using remote sensing and GIS- Phase II	6.81	DOS-DBT
A. K. Misra	Developing of tools for molecular typing of native and transgenic Cyanobacteria and Rhizobium strains	10.61	DBT, New Delhi
M. S. Dkhar H. Kayang	Microbial diversity of North Eastern Region with special reference to wood rotting fungi	8.79	DBT, New Delhi
R. S. Tripathi H. N. Pandey	Ecological analysis of selected agro-ecosystems in Meghalaya	7.73	ICAR
A. K. Misra R. S. Tripathi David Myrold	Molecular diversity and ecology of actinohizal symbionts found in the Sikkim region of the Eastern Himalaya	4.87	DST-NSF USA
R. S. Tripathi	Improvement of infrastructural facilities in existing botanical garden of NEHU	4.00	MoEF,
L. Kharlukhi	Moisture oriented feasibility for storage of seeds of timber yielding wild species of Meghalaya	11.25	DST
R. S. Tripathi H. N. Pandey S. K. Barik	Studies on the effect of human activities on the buffer zone ecosystem of Nokrek Biosphere Reserve, Meghalaya	23.87	MoEF
N. K. Chrungoo	Cloning of characterization of lysine rich seed storage protein of common Buckwheat	18.80	DST
N. K. Chrungoo	National Agricultural Technology project on Buckwheat	19.70	ICAR - World Bank
N.K. Chrungoo	Isolation and functional characterization of gene and promoter for the nutritionally rich proteins from seeds of common Buckwheat	20.24	DBT
Y. Kumar	Computer aid in taxonomy and biodiversity conservation sustainable use in orchid floriculture	5.80	DBT
Y. Kumar	Biodiversity India- conservation and sustainable use of <i>Dendrobium</i>	3.00	GBPIHED
P. Tandon	Development of an embryogenic system for genetic improvement and mass propagation of <i>Pinus kesiya</i>	48.00	DBT
N. Venugopal	A study on the environmental information in the tree rings of north-eastern Himalaya tree species	10.00	CSIR
H. Kayang	The impact of coal Mining on water quality and Microbial Communities of Jaintia Hills District, Meghalaya	15.10	MoEF
H. Kayang B. Kharbuli D. Syiem	Creation of Database on Medicinal and Aromatic Plants of Meghalaya	10.59	NMPB

Papiya Ramnujam	Studies on diversity and productivity of algal communities from some selected streams of Meghalaya and the effect of anthropogenic activities.	9.30	UGC
S. Kumaria	Micropropagation of some medicinally important orchids of Northeast India.	5.87	UGC
S.K. Barik	Environmental Impact Assessment of IFAD Project	4.5	IFAD-NEC
S.K. Barik K. Upadhaya	Ecological Studies of Maw Hu, Dibbin, Kameng and Tawang River Catchments in Meghalaya and Arunachal Pradesh	9.52	WAPCOS
P. Tandon S.K. Barik	DBT Rural Bio-Resource Complex for North-East India	296.75	DBT
S.K. Barik	Impact of NERCORMP-IFAD Intervention on Livelihood of forest dependent people in North-East India	10.0	IFAD-NEC
S. K. Barik	Ecological Survey for Lachung HE Project	3.90	WAPCOS
P. Tandon S.K. Barik	Mission for Quality Planting Material Production and Utilization for the North East	104.5	DBT
S.K. Barik	Ecological Studies in Teesta and Kameng River Catchments in Sikkim and Arunachal Pradesh	8.55	WAPCOS
S. K. Barik N. K. Chrungoo Uma Shankar V. Tandon	Net work project on development of database on the medicinal plants of the Indian Himalayan region	9.70	NMBP
S.K. Barik P. Tandon A.K. Misra	Conservation of <i>Panax</i> species in North-East India	48.9	DBT
M. S. Dkhar H. Kayang	Role of Earthworms in soil microbial diversity and leaf litter breakdown in two forest stands of Meghalaya	5.52	UGC, New Delhi