

Functional Area :- ECOLOGY AND BIODIVERSITY OBSERVATIONS AND IMPACT ANALYSIS

Name of Institute	No. of experts and no. of support staff available, if any	Facilities available at the Institute with name of available instruments	Capacity building required for strengthening		Remarks
			Man-power training	Equipment (name of equipment, its cost estimates and use)	
Indian Institute of Technology Roorkee, Roorkee (Deptt. Of Civil Engg., Deptt. Of Earth Sciences, Deptt. Of Hydrology, Deptt Of Water Resources Development & Management, Alternate Hydro Energy Centre)	Available	Fully equipped	NIL	NIL	NIL
NIH, Roorkee	Available	Fully equipped	NIL	NIL	NIL
Irrigation Research Institute, Roorkee	NIL	NIL	NIL	NIL	NIL
National Research Centre on Coldwater Fisheries, Bhimtal	Experts – 08, Sup. Staff – 02	Facilities: Well equipped lab for GIS, ecology and resource assessment Equipments: Water analysis kits Spectrophotometers Water Samplers EKMAN dredge Microscopes Different fishing nets and gears PCR & ELISA reader	Yes (For advanced investigations)	a) Electronic fish finder with accessories(2 lacs) b) Electro fishing equipment(2 lac) c) Inverted plankton microscope(1.5 lac) d) Underwater photography probe camera with accessories(3 lac) e) BOD incubator(0.5 lac) f) RO system for water purification(3 lac) g) FRP boat(1.5 lac) h) Differential global positioning system(1 lac) i) Scale reader(0.5 lac)	NIL
Pollution Control Research Institute(PCRI), BHEL, Ranipur - Haridwar	2	Plankton net, microscope etc.	Trained manpower available	NIL	NIL
Hydro Group, Reliance Energy Ltd., H-146/147, Sector-63, Noida	NIL	NIL	NIL	NIL	NIL
People's Science Institute (PSI), 252 Vasant Vihar-1, Dehradun	Expert – 01, Sup. staff – 02	Compound microscope (10 X and 40 X)	NIL	Electron microscope (Rs. 30,000) for analyzing benthic macro-invertebrates	NIL
GB Pant Institute of Himalayan Environment & Development, Kosi-Katarmal Almora	10	State of art laboratory	GIS/GPS application	Not Applicable	NIL
Deptt. Of Environmental Sciences, HNB Garhwal Uni., Srinagar	Experts – 03, Sup. Staff – 01	Every facility is available	NIL	NIL	NIL

Govt. Polytechnic, Nainital	Expert – 01	NIL	1	GPS (Rs. 47,000)	NIL
College of Agribusiness Management, GBPUAT, Pantnagar	NIL	NIL	NIL	NIL	NIL
Amrapali Institute, Haldwani	1	NIL	1-2	Video camera, Still Photography camera with zoom lenses, GPS, binoculars, books for identification of animals, telescope with stand, software of bio-statistic etc. (total cost approx. 4 lacs)	NIL
Govt. Girls Polytechnic, Almora	NIL	NIL	Not Applicable	Not Applicable	NIL
Defence R&D Organisation, Instruments R&D Establishment, Ministry of Defence, Dehradun	NIL	NIL	NIL	NIL	NIL
S. Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research, Balawala, Dehradun	Expert – 04, Sup. Staff – 01	PCR, Gel DOC, Bio-photometer Lylyridiser, Gene Purifier, RAPD, PCR-RFLP, ISSR etc.	Required	DGGE & PCR Thermocycled	NIL
Vivekanand Parvatiya Krishi Anusandhan Sansthan, Almora	NIL	NIL	NIL	NIL	NIL
University of Petroleum and Engineering Studies, Dehradun	NIL	NIL	NIL	NIL	NIL
Central Building Research Institute, Roorkee	NIL	NIL	NIL	NIL	NIL