

**UTTARAKHAND STATE COUNCIL FOR SCIENCE & TECHNOLOGY**  
**DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVERNMENT OF UTTARAKHAND**  
VIGYAN DHAM Jhajra Premnagar Dehradun  
Website : [www.ucost.in](http://www.ucost.in)

**U-COST Sponsored R&D Projects - 2008-2009**

SINo	P.I. name & Address	Project title	Total Amount Sanctioned (in Rs)
1	<b>Dr G.S. Rawat</b> Professor Habitat Ecology Wildlife Institute of India PO Box- 18 Chandrabani Dehradun	Assessment of Banj oak forests and their conservation status in Uttarakhand	572,700
2	<b>Dr Neeraj Tiwari</b> Senior Lecturer Deptt of Statistics Kumaun University S.S.J. Campus Almora	Detection of geo-spatial hotspots for enteric diseases using GIS and spatial scan statistic and to study the effect of water pollution on physical and mental health of residents of Almora and Nainital districts of Uttarakhand	357,350
3	<b>Dr Rajan Kumar Gupta</b> Senior Lecturer Deptt of Botany Pt. LMS Govt. P.G. College Rishikesh	Studies on diversity of AM fungi and their role as bioprotectant of economically important crops of Uttarakhand	294,400
4	<b>Dr S. Nautiyal</b> Scientist 'F' Plant Physiology Unit Botany Division Forest Research Institute PO- New Forest Dehradun	Effect of climate change on the phenology of Himalayan Rhododendrons	386,100
5	<b>Dr. C.S. Mathela</b> Head Department of Chemistry Kumaun University D.S.B. Campus Nainital	Investigations on chemical diversity of Himalayan aromatic & Medicinal plants and chemical modification of their constituents for commercial utilization	561,200

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<b>6</b>	<b>Dr. Om Prakash</b> Assistant Professor Department of Chemistry G.B. Pant University of Agriculture and Technology Pantnagar	Novel Antioxidants from plants of family lamiaceae growing in Uttarakhand region: Search for new Nutraceuticals	334,650
<b>7</b>	<b>Dr. Pradeepta Kumar Sahoo</b> Senior Lecturer College of Engineering studies University of Petroleum & Energy Studies Energy Acre Bidholi Prem Nagar Dehradun	Establishment of Jatropha Oil Cake based Biogas Plant	434,700
<b>8</b>	<b>Dr. Robina Aman</b> Sr. Lecturer Chemistry Department S.S.J Campus Kumaun University Almora	Synthesis, characterization and in vitro antimicrobial screening of alkyl and aryl tin (IV) complexes with phenol derivatives derived from amino acid	323,150
<b>9</b>	<b>Dr. Sabyasachi Dasgupta</b> Lecturer Dept. of Forestry HNB Garhwal University Srinagar	Predator People Conflict in the Mountainous Landscapes of the Alaknanda Valley in Garhwal Himalaya	295,900
<b>10</b>	<b>Mrs Manju Rani</b> Dept of Botany Govt. P.G. College Rishikesh	Study of Lichen flora of Doon valley with special reference to air pollution	490,050
<b>11</b>	<b>Mrs. Namrata</b> Junior Research Fellow Department of Biochemistry S.B.S. (PG) Institute of Biomedical Sciences and Research Balawala Dehradun	An investigation of antioxidant, hepatopractive and antimicrobial plant bioactive from Uttarakhand Himalaya	326,025

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<b>12</b>	<b>Sh J.M.S. Chauhan</b> Scientist-'B' Field Research Station, Khirsu Botany Division Forest Research Institute Dehradun	In situ conservation of some medicinal plants of Garhwal Himalayas, Uttarakhand	189,750
<b>13</b>	<b>Sh Vimal Dhiman</b> Manager Programmes & Forestry Uttarakhand Bamboo & Fibre Development Board (UBFDB) Dehradun	Extension of standardized natural fiber extraction and processing techniques in different clusters of Uttarakhand	469,775

