

List of Projects during financial year 2007-08 (Atmospheric Sciences)

Sl. No.	Title of the project	Name of the P.I. / Address	Duration	Total Cost
1.	Workshop on 'Doppler Weather Radar'	Dr. D. Pradhan Director, Cyclone Detection Radar, India Meteorological Department, New Secretariat Building, 1, K. S. Road, Kolkata - 01	10 days	1,17,000/-
2.	Brainstorming on 'Vision for Agrometeorology'	Dr. Y. S. Ramakrishna Director, CRIDA, Santoshnagar, Hyderabad – 500059.	2 days	3,95,000/-
3.	Study on the air pollution effects on crop growth	Prof. A.M. Shekh B.A. College of Agriculture, Anand Agricultural University, Anand-388 110 (Gujarat).	3 years	41,48,900/-
4.	Studies on Magnetospheric Ultra Low Frequency (ULF) Waves and Forecasting Space Weather	Dr. A. K. Singh Reader, Department of Physics, university of Lucknow, Lucknow - 226007	3 years	9,30,000/-
5.	Setting up of ST Radar System at ARIES, Nainital	Prof. Ram Sagar Director, Aryabhata Research Institute of Observational Sciences (ARIES), Nainital - 263129	3 years	13,53,00,000/-
6.	Examining Indian monsoon variability in coupled climate model simulations and projections	Dr. (Mrs.) Ashwini Kulkarni IITM, Dr. Homi Bhabha Marg, Pashan, Pune - 411008	3 years	13,50,000/-
7.	Secular variations in the structure of ground based inversions and stable layers during winter (November to March) due to urbanization.	Dr. (Mrs.) S. G. Nagar IITM, Dr. Homi Bhabha Marg, Pashan, Pune - 411008	3 years	22,07,115/-
8.	Determination of climate and climate variability of IITD Spectral Model with multi-member ensembles and impact of boundary conditions on Indian summer monsoon	Prof. S. K. Dash Centre for Atmospheric Science, Indian Institute of Technology, Hauz Khas, New Delhi - 110016	3 years	55,90,640/-

9.	Study on climatic impacts on sugarcane growth and yield in eastern U.P. region.	Dr. R. K. Mall Department of Geo-physics, BHU, Varanasi - 221005	3 years	9,51,120/-
10.	Size and chemical composition distribution of particulate matter in different indoor microenvironments	Dr. Ajay Taneja Reader, Deptt. of Chemistry, St. John's College, Agra - 282002	3 years	22,08,000/-
11.	Chemical composition of precipitation and aerosols in and around Bhubaneshwar and Visakhapatnam	Dr. S. N. Das Department of Inorganic Chemical, Institute of Minerals & Materials Technology, Bhubaneswar - 751013	3 years	17,82,000/-
12.	3-D Simulation for cyclone prone vulnerable flood zones and Development of Submergence Models for preparatory planning and Mitigation measures during Pre-cyclone, through cyclone and Post-cyclone period	Prof. B.S. Prakasa Rao Department of Geo Engineering, College of Engineering, Andhra University, Visakhapatnam-530 003	3 years	16,05,000/-
13.	Study of specification of selected metals in ambient air at Hyderabad	Dr. U. G. Kulshrestha Analytical & Environmental Chemistry Division, Indian Institute of Chemical Technology, Hyderabad	3 years	17,44,200/-
14.	Graph theory in the study of severe thunderstorms	Prof. (Mrs.) Sutapa Chaughuri Department of Atmospheric Sciences, University of Calcutta, Kolkata - 700009	3 years	9,98,000/-
15.	Atmospheric Chemical Modeling in relation to Photochemical Smog over Delhi	Prof. (Mrs.) Manju Mohan Centre for Atmospheric Sciences, Indian Institute of Technology, Hauz Khas, New Delhi - 110016	3 years	26,18,000/-
16.	3 rd SERC School on Aviation Meteorology with focus on Atmospheric Obscurity & Planetary boundary layer.	Dr. S. Balasubramanian Director, BU-DRDO, Centre for Life Sciences, Bharathiar University, Coimbatore	3 years	15,96,000/-

17.	3 rd SERC School on Atmospheric Effects on GPS aided Geo-augmented (GAGAN)	Dr. A. D. Sarma Director, GAGAN, Osmania University, Hyderabad	3 years	16,69,400/-
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