

LIST OF PROJECTS SANCTIONED FOR THE YEAR 2005-06(Under Seismicity Programme)

S No.	File no.	Project Title	PI's Name and Address	Sanction Date	Total cost (Rs)	Duration (in months)	Remarks
1.	DST/23(256)/ESS/2001	Coordinated study of precursory ULF/VLF associated with earthquakes.	Dr.A.K.Gwal, D/o Physics, Barkatullah University, Bhopal-462026.	19.04.2005	17,88,000/-	36	
2.	DST/Seismo/GPS/31/2005	Global Positioning System(GPS) studies for monitoring the crustal deformation in the western Maharashtra and Konkan region.	Prof. M.N.Kulkarni, D/o Civil Engineering, IIT,Powal, Mumbai-400 076.	24.04.2005	21,17,600/-	36	
3.	DST/23/(239)/ESS/2000	Coordinated study of precursory ULF/VLF associated with earthquakes.	Dr. A.K.Sharma, D/o Physics, Shivaji University, Kolapur-416 004.	26.04.2005	11,24,600/-	36	
4.	DST/23(495)SU/2004	Late Quaternary deformation partitioning in the mountain front of NW Himalayas: its implications on seismic slip partitioning.	Dr.Anand Kumar Pandey, NGRI,Uppal Road, Hyderabad-500 007.	16.05.2005	25,07,000/-	36	
5.	DST/Seismo/GPS/25/2004	Establishment of Permanent GPS station at Mishmi Block, Arunachal Pradesh.	Arun Kumar, Deptt. of Earth Sciences, Manipur University, Canchipur, Imphal – 795003.	30.05.2005	29,69,932/-	36	
6.	DST/23(509)SU/2005	Telemetric Seismic Monitoring of Garhwal for Development Hazard Scenario in Uttranchal.	Dr. Kamal, Scientist & Head(Geophysics), Wadia Instt. Of Himalayan Geology.	13.06.2005	325,75,000/-	60	
7.	DST/Seismo/GPS/28/2004	Post Earthquake GPS/earthquake Survey in /Andman & Nicobar Islands.	Dr. C.P. Rajendran, Centre for Earth Sciences Studies P.B. No.-7250, Akkulum.	14.06.2005	2,40,000/-	12	
8.	DST/23(496)SU/2004	Establishing relationship between seismicity and	Dr. D.K. Chadha, Global	20.06.2005	29,76,250/-	36	

		behaviour of different aquifer systems in Delhi.	Hydrogeological Solutions, 312, Vishwa Sadan, 9 District Centre, Janakpuri, New Delhi-110058.				
9.	DST/Seismo/GPS/36/2005	GPS re-measurements to quantify deformation in Uttaranchal and Ladakh Himalayas.	Dr.Sridevi Jade, Scientist, DSIR-Centre for Mathematical Modelling & Computer Simulation, NAL, Belur Campus, Bangalore- 560 037.	21.06.2005	17,64,000/-	36	
10.	DST/Seismo/GPS/34/2005	Studying convergences strain-partitioning in Western Himalaya through densification of GPS network.	Dr.P.Banerjee, Wadia Institute of Himalayan Geology, 33-General Mahadev Singh Road, Dehradun-248 001.	04.08.2005	1,28,01,800/-	36	
11.	DST/23(497)/SU/2004	Seismological and Geotechnical investigation for development of shake maps for Chennai City.	Dr. A.Boominathan, D/o Civil Engineering, Indian Institute of Technology, Chennai- 600036.	09.08.2005	35,93,900/-	36	
12.	DST/Seismo/GPS/32/2005	Installation and Operation of Permanent GPS stations for quantification of tectonic deformation to assessment of stability of Himalayan Urban centers.	Er. Kireet Kumar, Scientist & Head (LWRM), GB Pant Institute of Himalayan Environment & Development, Kosi-Latarmal, Almora-263 643.	09.08.2005	72,54,000/-	60	
13.	DST/Seismo/GPS/27/2004	GPS measurement of crustal deformation across Mat fault- A traverse Fault across the Indo-Burmese Arc-in Mizoram.	Prof. R.P. Tiwari, D/o Geology, Mizoram University, Aizwal – 796 012.	11.08.2005	43,12,800/-	36	

14.	DST/23(512)/SU/2005	Study of Radon anomaly as an earthquake precursor in seismically active areas of NE India.	Dr. Indumati Laskar, High Energy Physics Laboratory, D/o Physics, Cotton College, Guwahati-781 001.	26.09.2005	20,69,000/-	24	
15.	DST/23(476)/SU/2004	Seismo-Tectonic Studies and Health Risk Assessments in the Himalayas with Special Emphasis on Radon and Helium Emission.	Prof. Surinder Singh, Professor, Deptt. of Physics, Guru Nanak Dev University, Amritsar- 143005.	26.09.2005	69,51,000/-	36	
16.	DST/23(484)/SU/2004	Microtremor activity at Siachen Glacier.	Dr.Kamal Scientist & Head (Geophysics), Wadia Institute of Himalayan Geology, 33-General Mahadev Singh Road, Dehradun-248 001.	21.10.2005	89,85,800/-	30	
17.	DST/23(574)/SU/2005	Microzonation of Sikkim Region	Prof. S.K. Nath, Deptt. of Geophysics, Indian Instt. Of Technology, Kharagpur- 721302.	21.11.2005	27,18,800/-	36	
18.	DST/Seismo/GPS/33/2005	GPS measurements at Mahatama Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot under GPS Co-ordinated programme of DST.	Dr. Shashikant Tripathi,D/o Geology, Mahatama Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna-485 331(M.P.)	29.11.2005	5,90,000/-	60	
19.	DST/23(552)/SU/2005	Seismicity and Hazard Potential of the Indo-Ganga plains from Seismic structure.	Dr. D. Srinagesh, Scientist, NGRI, Uppal Road, Hyderabad- 500 007.	01.12.2005	1,35,41,000/-	36	
20.	DST/23(520)/SU/2005	Earthquake hazard assessment of Indo-Burman tectonic belt based on	Dr. Josodhir Das Deptt. of Earthquake engineering, IIT,	29.11.2005	25,45,000/-	36	

		spatial technologies (RS & GIS)	Roorkee – 247 667				
21.	DST/23(499)/SU/2004(Part II)	The Earthquake in Kashmir	Prof. Sudir K Jain, Deptt. of Civil Engineering, IIT, Kanpur- 208 016.	02.12.2005	2,00,000/-	12	
22.	DST/23(551-A)/SU/2005	Upgradation and operation of Broadband Seismological Observatories in the peninsular Shield of India.	Dr. R.K. Chadha, Scientist, NGRI, Hyderabad- 500 007	02.12.2005	1,53,88,000/-	36	
23.	DST/23(531)/SU/2005	Study of Ionospheric Anomalies Associated with Earthquake using GPS and Ground base Data.	Dr. O.P.Singh, Dept. of Physics, Raja Balwant Singh College, Faculty of Engineering & Technology, Bichipuri, Agra- 283 105.	02.12.2005	20,03,392/-	36	
24.	DST/23(574)/SU/2005	Active tectonics along the Himalayan foothills in the neighbourhood of Chandigarh and assessment of seismic hazard perception in the region.	Dr. AR Chaudhri, D/o Earth Sciences, Kurukshetra University, Kurukshetra- 136 119.	15.12.2005	16,95,000/-	36	
25.	DST/23(527)/SU/2005	Study of Hydrological anomalies as Precursors to Seismicity in Himachal Pradesh and Uttaranchal regions of the Himalayas.	Dr. DK Chadha, Global Hydrological Solutions G-66, Vikaspuri, New Delhi-110018.	20.12.2005	41,03,000/-	36	
26.	DST/23(537)/SU/2005	Soft computing based modeling and simulation for the identification and diagnosis of structural system via vibration reponses.	Dr.Snehashish Chakraverty, Scientist-C, Computer Centre, B.P.P.P. Division, Central Building Research Institute, Roorkee-247 667.	22.12.2005	14,96,000/-	36	
27.	DST/23(508)/SU/2005	Broadband seismometry in the North-East region with special emphasis to Guwahati for seismic hazard	Dr. WK Mohanty, Asstt. Prof. D/o Geology & Geophysics, IIT,	29.12.2005	9,28,000/-	36	

		assessment.	Kharagpur – 721 302				
28.	DST/23(508)/SU/2005	Design and fabrication of a high-resolution laser based three-axis computerized seismometer	Prof. P.V. Koparkar, Head, University Instrumentation Centre, North Eastern Hill University, Shilong-793 022 Meghalaya.	30.01.2006	11,41,600/-	24	
29.	DST/23(398)/SU/2005	Financial assistance for Sensitisation Programme in Andman & Nicobar Islands on Earthquake Resistant Construction: A Mass awareness campaign	Prof.CVR Murthy, Dept. of Civil Engg. IIT, Kanpur. 208 016.	10.02.2006	8,30,000/-	12	
30.	DST/23(533)/SU/2005	Modelling of earthquake source and ground motion in Chedrang Fault and its vicinity through broadband instrumentation: An approach towards the estimation of earthquake hazard in NER, India.	Dr. Saurabh Baruah, Scientist- E Geoscience Division, Regional Research Laboratory, Jorhat-785 006 Assam.	16.02.2006	61,55,200/-	36	
31.	DST/23(558)/SU/2005	Financial assistance for the research project entitled, “ Earthquake recurrence in the Anadaman-Nicobar Arc”.	Dr. C P Rajendran, Centre for Earthscience Studies, PB. No. 7250, Akkulum, Trivandrum- 695 031.	29.12.2005	11,54,000/-	36	
32.	DST/23(489)/SU/2004	Financial assistance for the research project entitled “ Helium Emanometric studies in Dalvat area, Taluk Kalvan Dist., Nasik, Maharashtra.	Dr. Jyoti Sarup, Centre for studies in Resources Engineering, Indian Institute of Technology Mumbai- 400 076	6.3.2005	9,09,000/-	24	
33.	DST/23(492)/SU/2004	Setting up of a network of Strong Motion Accelerographs & Broadband Seismographs in	Dr. Prantik Mandal, NGRI, Uppal road, Hyderabad- 500 007.	17.1.2006	1,67,64,271/-	36	

		and around Bhuj Gujarat.					
34.	DST/23(551-A)/SU/2005	Up gradation and Operation of Broadband/seismological Observatories in the Peninsular Shield of India	Dr. R.K. Chadha, Scientist, NGRI, Uppal Road, Hyderabad- 500 007.	12.11.2005	1,53,88,000/-	36	
35.	DST/23(567)/SU/2005	Extended VSAT network for Real time Seismic Monitoring in NE India	Dr. R Duarah, Regional Research Laboratory, Jorrah, Assam- 785 006	96,96,000/-	27.3.2006	24	
36.	DST/Seismo/GPS/45/2005	Establishment of a continuously running GPS Station at WB REDA Campus, Durgapur, West Bengal.	Sh. S P Gon Chaudhuri, Dir., West Bengal Renewable Energy Developmnet Agency (WBREDA), Bikaipa Shakti Bavan Plot No. J-I/10, DP & GP Block, Salt Lake Electronic Campus, Sector-V, Kolkata-700 091	19,69,000/-	6.3.2006	60	
37.	DST/23(551-B-F)/SU/2005	Upgradation and operation of Broadband Seismological Observatories in the peninsular Shield of India.	B. IIG C. CESS D. NIRM E. GERI F. Osmania University	71,15,000/-	23.3.2006	36	