

Sl.No	Project Title	Scheme/ Programme	Name & Address of Investigator/Institute	Cost (Rs. In lakhs)	Duration (months/days)
Sanctioned Projects During 2004-2005					
1	Earthquake vulnerability study for risk assessment of Guwahati Urban Centre	Seismicity	Dr. Jayanta Pathak, D/o Civil Engineering, Jorhat Engineering College, Jorhat – 785007	14,62,000	18 Months
2	Writing a book on Understanding earthquakes and landslides and preparing for hazards	Seismicity	Prof. B.R. Arora, Director, Wadia Institute of Himalayan Geology, 33-General Mahadev Singh Road, Dehradun-248001	42,000	12 Months
3	A delineation of the seismically active Kopili fault zone of North-East India..... a feasibility study	Seismicity	Dr. Jyotirmoy Das Chowdhury, D/o Geography, Jagiroad College, Jagiroad-782410	60,000	6 Months
4	Seismicity of Lower Assam Region and its adjoining areas	Seismicity	Dr. S. Kalita, D/o Environmental Science, Guwahati University, Guwahati-781014	5,41,920	36 Months
5	Maintenance and operation of permanent GPS Station at Mokokchung, Nagaland	Seismicity	Dr. T. Lanusosang Ao, D/o Geography and Resource Management, Nagaland University, HQ Lumami, PB No.12, Mokokchung798601	4,20,000	60 Months
6	Study of Crustal Dynamics and Low Latitude Ionospheric Tomography by using Permanent and Campaign Mode GPS Networks	Seismicity	Dr. C.D. Reddy, Indian Institute of Geomagnetism, Mumbai.	1,74,000	12 Months
7	To monitor and study local seismicity of the Eastern Indian Shield	Seismicity	Prof. Manoj Mukhopadhyay, Deptt. of Applied Geophysics, Indian School of Mines, Dhanbad-826004	15,50,800	24 Months
8	Financial support for Procurement of ULF/VLF equipments	Seismicity	Prof. B.R. Arora, Director, Wadia Institute of Himalayan Geology, 33- General Mahadev Singh Road, Dehradun-248001	40,00,000	36 Months
9	Active tectonics of the Darjeeling-Sikkim Himalayas using GPS based Geodesy	Seismicity	Dr. A.P. Krishna, GB Pant Instt. Of Himalayan Environment & Development, Po Tadong, Gangtok-737102	23,37,5000	36 Months
10	Surface wave Tomography of the northern Indian Ocean for 3-D Shear wave velocity structure	Seismicity	Dr. D.D. Singh, National Geophysical Research Institute, Uppal Road, Hyderabad 500007	10,94,800	36 Months
11	Palaeoseismicity in the Indian Tethys Himalaya as recorded in the palaeolake profiles	Seismicity	Dr. B.S. Kotlia Deptt. of Geology, Kumaun University, Naintal-263002	17,53,800	36 Months

12	Preparation of Microzonation maps of Delhi region	Seismicity	Dr. Kishor Kumar, Central Road Research Institute, Delhi-Mathura Road, New Delhi-110020	7, 22,000	18 Months
13	Site effects in Ahmedabad based on array observations of Microtremors	Seismicity	Dr. Imtiaz A Parvez, Scientists, CMMACS, NAL, Belur Campus, Bangalore-560037	63, 64,600	36 Months
14	Geophysical survey for determination of bedrock configuration and aquifer geometry in Delhi	Seismicity	Dr. D.K. Chadha Hydrogeological Solution, 312, Vishwa Sadan, 9 District Centre, Janak Puri, New Delhi-110058	6, 17,000	18 Months
15	Funding of the proposal for Procurement of spares & Met packages for Permanent GPS Stations	Seismicity	Prof. M.N. Kulkarni, Deptt. of Civil Eng., IIT, Powai, Mumbai-400076	64,61,000	12 Months
16	Development of Model to estimate Total Water Vapor Content (TWVC) in the atmosphere using Dual frequency GPS in real time	Seismicity	Anil Kulkarni, Head Met. Software Division, SAMEER, IIT, Campus, Hill Side, Powai, Mumbai-400076	14,67,000	24 Months
17	Comprehensive geophysical investigations in the Indian shield region including Koyna	Seismicity	Director, National Geophysical research Institute, Uppal Road, Hyderabad-500007	2,27,60,000	60 Months
18	Mapping B-value, Fractal dimension and Energy release in seismically active region of the western Himalaya	Seismicity	Dr. Uma Ghosh, Lalbaba College, 117 G. T. Road, Belur Math, Howrah-711202	2,85,000	36 Months
19	Liquefaction hazard mapping of Chandigarh region based on site characterization	Seismicity	Dr. R. Dharamraju, CBRI, roorkee- 247 667	93,15,000	36 Months
20	Crustal structure regional tectonics and evolution of K-G and Cauvery basin from gravity and magnetic surveys and modeling.	Seismicity	Prof. D. Bhaskar Rao, D/o Geophysiscs, Andhra Univ., Vishakapatnam- 530 003	10,04,600	36 Months
21	Upgradation of existing network to study the seismicity in and around Chandigarh	Seismicity	Sh. B.K. Sharma, Head, geoscientific Instruments div., CSIO, sector-30, Chandigarh, 160 020	9,79,800	36 Months
22	Active tectonic investigation along North-western Himalaya foot hill zone	Seismicity	Dr. J.N. Malik, D/o Civil Engg., IIT, Kanpur-208 016	47,27,000	36 Months
23	Operation and maintenance of Khandwa digital telemetry Sismic network	Seismicity	Dy. Dir. General, GSI-Central region, Seminary hills, Nagpur- 440 006	55,96,100	36 Months
24	Modelling the genesis of Intra-plate Earthquakes in the Indian Shield and associated seismic hazard- A broadband approach.	Seismicity	Dr. N. Puranchandra Rao, NGRI, Hyderabad-500 007	1,37,60,800	48 Months

25	Post Tsunami- reconnaissance studies in A & N islands	Seismicity	Prof. S.K. Jain, D/o Civil Engg., IIT Kanpur- 208 016	5,00,000	12 Months
26	Post earthquake GPS/ earthquake survey in A & N islands	Seismicity	Dr. C.P. Rajendran, CESS, P.B. No. 7250, Akkulam, Trivandrum- 695 031	1,40,000	12 Months
27	Crustal studies of Bastar and Chandigarh basin using geophysical methods	Seismicity	Dr. M. Subrahmanyam, D/o Geophysics, Andhra university, Vishakapatnam- 530 003	27,02,800	36 Months
28	GPS measurements in the Andaman and Nicobar islands	Seismicity	Dr. sridevi Jade, CMMACS, NAL, Belur Campus, Bangalore- 560 037	3,00,000	12 Months
29	Seismological measurements over Andaman Islands	Seismicity	Dr. S.S. Rai, NGRI, Hyderabad.	2,50,000/-	12 Months
30	Preliminary documentation of ground deformation and Tsunami effects at Andaman Nicobar Island and eastern coast of India.	Seismicity	Dr. M.G. Thakkar, D/o Geology, Shri R.R. Lalan College, Bhuj, Kachchh – 370 001.	2,00,000/-	12 Months
31	Analysis of embankment failures due to earthquake	Seismicity	Dr. G.L. Shivakumar Babu, D/o Civil Engineering, IISc, Bangalore- 560 012.	15,44,260/-	36 Months
32	Neotectonics- Active tectonics of 1905 Kangra earthquake meizoseismal region in Kangra and Soan Dun in Himachal Pradesh, NW Himalaya	Seismicity	Dr. V.C. Thakur, WIHG, Dehradun – 248 001.	21,92,900/-	36 Months
33	Active faults and crustal deformation in parts of the frontal Himalayas in North Bengal.	Seismicity	Dr. D. Mukhopadhyay, Centre for study of Man & Environment, Parivesh Kendra, CK-11, Sector-II, Salt lake City, Kolkata – 700 091.	83,81,000/-	36 Months
34	Training programme on developing management skills among service providers of Tsunami victims in Tamil Nadu	Seismicity	Dr. P. Madhava Soma Sundaram, D/o Criminology & Criminal Justice, Manomanian Sundarnagar Universtiy, Tirunelveli, Tamil Nadu	82,000/-	12 Months
35	Laboratory investigation on the effects of confining pressure and fluid-saturation on velocities, poisson's ratio and attenuation in crustal rocks	Seismicity	Dr. M.V.M.S. Rao, NGRI, Hyderabad	28,06,800/-	36 Months
36	Seismic vulnerability assessment and damages scenario of buildings in Nainital and Almora district.	Seismicity	Mr. Achal K. Mittal, Central Building Research Institute, Roorkee – 247 667.	32,70,000/-	36 Months

37	Geotechnical reconnaissance survey of damaged sites in Andaman & Nicobar Islands.	Seismicity	Dr. S.K. Prasad, D/o Civil Engineering, S.J. College of Engineering, Mysore – 570 006.	2,35,000/-	12 Months
38	Physical survey of December 2004 Tsunami along the affected regions of Indian Coast	Seismicity	Prof. A.D. Rao, Centre for Atmospheric Sciences, Indian Institute of Technology, Hauz Khas, New Delhi – 110 016.	3,75,000/-	12 Months
39	Earthquake awareness campaign in different schools of Delhi.	Seismicity	Dr. Satyabrata Sahu, Resource Development Centre, 122, Katwaria Sarai, New Delhi.	4,25,000/-	12 Months
40	Magnetorheological dampers for seismic hazards mitigation	Seismicity	Prof. S. Suresh Babu, D/o Civil Engineering, Erode Sngunthar Engineering College, Thudupathi, Erode – 638 057.	34,53,800/-	36 Months
41	Training course on fundamentals of geodesy.	Seismicity	Prof. M.N. Kulkarni, Geodesy & Remote sensing Division, D/o Civil Engineering, IIT Bombay, Powai, Mumbai – 400 076.	3,00,000/-	12 Months
42	Application of DIF-SAR to investigate critical deformation regimes in Garhwal Kumaon Himalaya related to earthquake and landslides	Seismicity	Dr. M.L. Sharma, D/o Earthquake Engineering, IIT, Roorkee – 247 667	15,75,000/-	12 Months
43	Electrical conductivity and density imaging of Uttarakhand Himalaya: Implication for crustal seismicity	Seismicity	Dr. B.R. Arora, Director, WIHG, Dehradun – 248 001	1,48,28,000/-	36 Months
44	Seismological Research & Application in Gujarat	Seismicity	Director General, Institute of Seismological Research, Block D, 6 th Floor, MS Building, Sector 11, Gujarat – 382 017.	2,59,69,000/-	36 Months
45	Installation of strong motion digital network in Kumaon-Garhwal Himalayas for determination of three dimensional Q structure by the inversion of the strong motion data.	Seismicity	Dr. V.P. Dimri, Director, NGRI, Hyderabad	85,63,000/-	36 Months
46	Setting up of a network of strong motion accelerographs & broad band seismographs in and around Bhuj, Gujarat.	Seismicity	Dr. Prantik Mandal, NGRI, Hyderabad	1,91,99,000/-	36 Months