Grant-in-Aid Projects: Closed

Sl.No.	Title of the project	Name of the Funding Agency	Estimated Total Cost (Rs in lakhs)	Project Duration
1	Ocean Modelling Studies	DOD, New Delhi	150.00	1990 to 1993
2	Costal Pollution Modelling	DOD, New Delhi		
3	Feasibility study of Application of Mathematical Modeling to Switch Gear Design	L&T, Bombay		
4	MARSIS - Phase II Ocean Modelling Programmes	DOD, New Delhi		
5	A Neural Network based atmospheric prediction	DST		
6	Determination of material properties of road pavement component layers from surface measurements	CRRI, New Delhi		1993 to 1996
7	Investigating strain fields in zones of recent seismicity in southern India	DST		1994 to 1996
8	Modelling of biogeochemical processes in upper ocean	DOD, New Delhi		
9	GPS Measurements			
10	Genesis, Intensification and early Warning of Bay of Bengal Cyclones	DST		
11	Development of a Model for ash distribution in Indian	DFRI, Dhanbad		
12	Determination of Crystal in India eurasion plate qualification of Strain accumulation in and across	NSF		
13	Determination of crustal defermation of South Indian Peninsula - A search for seismogenic zones (anomalous strain accumulation) - and Modeling of its defermation Mechanism	DST		1997 to 2000
14	GPS Studies in the India-Eurasia collision zone.	NSF		1997 to 2000
15	Scale Interactions in Air Land Sea coupled environment & Nort-Earth Mansion	USIF (ONR), Us		
16	Heirarchial Lattices for Non-liner Dynamical models of earthquake processors	DST		
17	A Mathematical Modelling approach to the study of the Deformation characteristics of natural fault zones	DST		
18	Indian Ocean Modelling of Dynamics (INDOMOD)		340.00	1998 to 2002

19	Establishment of GPS reference station in WIGS-84 at Mumbai, Chennai, Calcutta and Trivandrum	AAI, Delhi		
20	Modelling of the Biogeochemical Cycles in the Bay of Bengal	DOD, New Delhi	10.00	2000 to 2003
21	Establishment of a continuous Recording GPS Systems at Four sites in North Eastern India	DST	48.32	2002 to 2003
22	Geometry Kinematics & Deformation Mechanisms in the Gish Transverse Zones in the Darjeeling	DST	20.32	2002 to 2005
23	A Kinematic study of Suspected major active Shear/fault zones	DST	4.15	2002 to 2005
24	Dynamics of continental collision process and rheology of lower crust	DST	19.10	2002 to 2005
25	Procurement fo GPS receivers along with accessories	DST	110.94	2002 to 2004
26	Evaluation and Validation of Systems of Assimilation	IFCPAR, New Delhi	12.78	2003 to 2006
27	Modelling of Atmosphere-Hydrosphere-Biosphere Interaction	ISRO, Bangalore	3.00	2003 to 2004
28	Development of Indian Ocean community model	INCOIS, Hyderabad	19.15	2003 to 2007
29	Assimilation of In-situ and Satellite Altimeter data into OGCM	INCOIS, Hyderabad	13.15	2003 to 2007
30	Active tectonics of Shillong Plateau using GPS based Geodesy	DST	20.52	2003 to 2006
31	Measurement of Accurate Coordinates for ACMI, Gwalior	DAMS, New Delhi	3.00	08-07-2003 to 08-10-2003
32	Microzonation investigation and study of building parameters in the Anjar area using microtremor recordings	DST	6.69	2003 to 2005
33	Impact of GCM generated Dynamical Boundary Fields on Meso-scale Simulation	DoS, Ahemdabad	2.00	2003 to 2007
34	Thermal Structure and Mixed Layer Variations of the Indian Ocean In an OGCM and Intercomparison with Insitu and Satellite Observations	DST	10.08	2004 to 2007
35	Site effects in Ahmedabad based on array observations of Microtremors	DST	63.646	2004 to 2007

36	Inertial Effects on Forced Particle in Unsteady Flow at Low Reynolds Numbers	DST	6.12	2005 to 2008
37	GPS Re-Measurements in the Andaman and Nicober Islands	DST	3.00	2005 to 2006
38	Carbon Sources and Sinks in Asia and the Indian Ocean	BHS, New Delhi	47.24	2005 to 2008
39	GPS re-Measurements to quantify deformation in Uttaranchal and Ladakh Himalayas	DST	17.64	2005 to 2008
40	Realistic Site-Specific Hazard Assessment for Maga-Lities utilizing modeling techniques	DST	6.96	2005 to 2008
43	Finite element Modeling of thermo Mechanical behaviour and micro structural evolution in steel during hot deformation process	DST	5.88	2007 to 2009
44	Procurment of the 4 Campaign Mode GPS Systems		57.00	2007 to 2008
45	Monitoring of post-seismic deformation using GPS in Andaman Nicobar region	DST	8.848	2007 to 2010
46	The Impact of Physical Assimilation of Vertical Profiles of Latent Heating & Moistening of Short Range Numerical weather Prediction	DoS, Ahmedabad	10.12	2007 to 2010
47	High Precision CO2 Concentration Measurements at Pondicherry & its Inversion to Improve Quantitative Estimates of Global Sources & Sinks	DST	19.372	2008 to 2011
48	Advanced Mathematical Modelling and Artifical Intelligence System In Time Series (Earth, Ocean & Atmosphers)	DST	14.522	2008 to 2011
49	Estimation of Carbon Fluxes In The Indian Ocean	INCOIS, Hyderabad	55.00	2008 to 2012
50	Earthquake Hazard Quantification on GIS Platform	DST	33.348	2008 to 2011
51	Modelling of Marine Biogeochemical Cycles in Northern Indian Ocean	DST	13.25	2009 to 2012
52	Plate Kinematics Geodynamics and Earthquake Occurrence Processes In The Andaman Nicobar Region	MoES	100.700	2009 to 2014

53	Crustal & Mantle Structure along the East-West Corridor across Dharwar craton for Constraining models of the crustal Evolution	DST	47.128	2009 to 2013
56	Study Shear Wave Velocity Structure in Delhi City Using Microtremor Arrays	MoES	4.25	2010 to 2011
57	Industrialization of Weather Informatics, Services and Technologies (IWIST)	KSNDMC/EID PARRY/ GOV KARNATAKA ETC	896.00	2010 to 2015
58	Shock Mitigatin using Tapered Granular Alignments (Defence Application)	ARMREB/DRDO/ NEW DELHI	22.488	2011 to 2013
59	Analysis of Indian National GNSS Network Dta for Reference Frame Realization, PWC & TEC Computation	MoES	37.714	2011 to 2014
60	Sesismic Hazard and Risk Assessement based on Pattern Recognition Himalayas & Adjacent Territories	DST	8.38	2011 to 2013
61	Earthquake Hazard and Risk reduction on the Indian Subcontinent	STIFTELSEN, NORWAY	40.37	2012 to 2015
62	Future Climate change Projection for Kerala using Ultra-high Resolution Global Climate Model	GOVT. OF KERALA	58.438	2012 to 2015
63	Integrating Disease Prediction with weather and climate models seamlessly	British Council, UKIERI	17.543	2012 to 2012
64	Extreme Weather and Climate Events in the 21st Century Projections from different Climate Scenarios	DST	33.97	2013 to 2017
65	Role of Background Error Statistics in Mesoscale Date Assimilation	DST	24.21	2013 to 2017
66	Investigation of Mega City Effect on the Genesis and Intensity of Extreme Rainfall Events and their Impact	DST	29.60	2014 to 2017
67	Diagnosis of Increased Seismic Hazard in Himalayas and Adjacent Territories	DST-Russian Federation of Basic Research MoU	13.176	2014 to 2016
68	Mathematical Modeling of Capsule Rot Disease of Small Cardamom	ICRI	7.98	2014 to 2015
69	MODELLING OF MARINE BIOGEOCHEMICAL CYCLES IN THE INDIAN OCEAN	MINISTRY OF EARTH SCIENCE	6,520,000	01-11-2011 TO 31-03-2018

CSIR	Council of Scientific & Industrial Research
DST	partment Of Science & Technology
MoES	Ministry of Earth Sciences
NIO	ational Institute Of Oceanography
DIT	artment of Information Technology
DoS	Department of Space
DOD	partment of Ocean Development
KSNDMC	Natural Disaster Monitoring Centre,Bangalore
DRDO	Research and Development Organization
ICRI	dian Cardamom Research Institute
ARMREB	rmament Research Board - DRDO
INCOIS	onal Centre for Ocean Information Services
ISRO	dian Space Research Organisation
IFCPAR	entre for the Promotion of Advanced Research
USIF	US Immigration Fund
NSF	National Science Foundation
L&T	Larsen & Toubro
NISCAIR	National Institute of Science Communication and Information Resources
IMTECH	nstitute of Microbial Technology
CIMFR	l Institute of Mining and Fuel Research
CBRI	entral Building Research Institute
NPL	National Physical Laboratory
BHS	British High Commission
AAI	AIRPORTS AUTHORITY OF INDIA