

GOVERNMENT OF INDIA  
 MINISTRY OF EARTH SCIENCES  
**RAJYA SABHA**  
 UNSTARRED QUESTION NO. 1118  
 TO BE ANSWERED ON MONDAY, DECEMBER 16, 2013

**SCHEMES AND STUDY PROGRAMMES IN GUJARAT**

**1118. SHRI PARSHOTTAM KHODABHAI RUPALA:  
 SHRI BHARATSINH PRABHATSINH PARMAR:**

Will the Minister of **EARTH SCIENCES** be pleased to state:

- (a) how many schemes and study programmes have been conducted by the Ministry in Gujarat during the last three years;
- (b) the fund allocated in this regard; and
- (c) whether the Ministry has approached the Gujarat Government or going for collaborative research work in the State?

**ANSWER**

MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND  
 MINISTRY OF EARTH SCIENCES  
 (SHRI S. JAIPAL REDDY)

- (a) & (b) The following projects/schemes have been implemented by the Ministry of Earth Sciences (MoES) in Gujarat during last 3 years:

S. No.	Name of the project/scheme	Institute/University	Fund Allocated	Year of Sanction
1.	Collaborative Programme to Study the Impacts of Climate Change on Human, Natural and Spatial Environments	Centre for Environment and Planning Technology CEPT University, Ahmedabad Gujarat	Rs 101.14 lakhs	2010-11
2.	Biofuel from Marine Microalgae	Multi Institutional project. Central Salt and Marine Chemicals Research Institute (CSMCRI), Bhavnagar	Rs 474.52 lakhs Joint funding by MoES & CSIR (50% each) (MoES share Rs 237.26 lakhs)	2010-11
3.	Varahamihira MoES Chair Professor and Varahamihira MoES Young fellow in Earth System Science and Engineering	Indian Institute of Technology, Gandhi Nagar	Rs 150.00 lakhs	2011-12

4.	Revisiting the source zone of the 1819 Rann of Kutch earthquake to constrain the deformation characteristics	Centre for Earth Sciences, Indian Institute of Sciences , Bangalore	Rs.9.2 lakhs	2010-11
5.	Imaging of 3D geoelectric subsurface structure of the source zone of 2001 Bhuj earthquake with Magnetotellurics	Jointly by National Geophysical Research Institute (NGRI), Hyderabad and Institute of Seismological Research (ISR), Gandhinagar	Rs. 9.556 lakhs (ISR) and Rs.7.95 lakhs (NGRI) Total Rs.17.506 lakhs	2010-11
6.	Study of source process and seismic hazard associated with uninterrupted occurrences of intraplate earthquake in the Kachchh seismic zone, Gujarat, India	National Geophysical Research Institute (NGRI), Hyderabad	Rs. 76.56 lakhs	2013-14
7.	Marine Diversity and Pollution (Multi-institutional project)	M.K. Bhavnagar University, Bhavnagar, Gujarat (Multi-institutional project)	Rs. 60.67 lakhs	2010-11
8.	Studies for Kalpasar Project (Govt of Gujarat project)	National Institute of Ocean Technology (NIOT), Chennai.	Rs. 52 crores (approx. total cost) Funded by Govt of Gujarat	2010-11
9.	Monitoring of marine pollution at various locations in Maharashtra and Gujarat	National Institute of Oceanography (NIO), Regional Centre, Mumbai.	Rs. 411 lakhs (Total Cost)	2012-13

(c) No, Sir. The Ministry of Earth Sciences has neither approached the Gujarat Government nor has any proposal for collaborative research work in the state.

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