

INDIAN INSTITUTE OF TECHNOLOGY (IIT), GANDHINAGAR

Position for RA and JRFs

Job Summary

Applications are invited for **1 RA and 11 JRF** positions for the project “*Establishing the State Climate Change Centre (SCCC) in the State of Gujarat*” under the National Mission On Strategic Knowledge for Climate Change (NMSKCC). The project is funded by Department of Science and Technology (DST) through its Climate Change Programme (CCP).

This multidisciplinary project has the following major focus areas:

- (i) Water Resources
- (ii) Agriculture
- (iii) Forests and Biodiversity
- (iv) Urban Development
- (v) Health
- (vi) Renewable Energy and Energy Efficiency
- (vii) Sea-level Rise and Coastal Infrastructure.

The study of vulnerable communities is a cross-cutting issue to be addressed in all the research areas.

The project activities will be jointly carried out at Indian Institute of Technology Gandhinagar (IITGN) and Gujarat Ecological Education and Research (GEER) Foundation, Gandhinagar. Since this is a multidisciplinary project, candidates will have the opportunity to interact with faculty members and researchers with specialisation in different aspects of climate change and its impacts.

Duration: Total project duration is five years. All positions will be for one-year duration, which can be extended up to a maximum duration of two, three or five years on the basis of satisfactory performance and availability of project fund.

Essential qualifications, maximum duration and salaries for the positions are defined in the attached sheet.

Responsibilities and Duties:

RA will be responsible for monitoring the overall progress of the project and will also contribute significantly to at least one of the major focus areas. JRF will work in one particular focus area of the project. It is expected that all RA and JRFs will interact and help each other to achieve the desired results in this multidisciplinary project. The project work will provide a good learning opportunity to all JRFs to understand various aspects of climate change impacts.

Salary:

Interested candidates are encouraged to send their CV to Dr. Vikrant Jain, Professor, Earth Sciences (sccc.iitgn@gmail.com) before 20th July, 2019. JRF Candidates must mention their area of interest out of major focus of this research project. They may also mention more than one research area, if they qualify for the same. Shortlisted candidates will be informed and called for interview which will be held at IIT Gandhinagar or through Skype. Please note that no TA/DA will be paid for attending the interview.

NATIONAL MISSION ON STRATEGIC KNOWLEDGE FOR CLIMATE CHANGE (NMSKCC)

GUJARAT STATE CENTER ON CLIMATE CHANGE

GEER Foundation and IIT-Gandhinagar

Details of Research Staff Sanctioned

A RESEARCH ASSOCIATE

S. No.	RA - Area of Work	Number	Duration	Essential Qualification	Additional Qualification preferred	Monthly Salary		
						Y1& Y2	Y3 & Y4	Y5
1	RA - Forestry and B/D Additional Responsibility: Sectoral coordination and integration of works of research Assist GEER F in Other Works sanctioned	1	5 years	PhD in Climate Change/ Env't Sci/ Ecology/ Wildlife Sci/ Forestry/ Botany/ Zoology/ Env't Eng/ Hydrology/ Earth Sci or related area OR Min. 3 years of relevant research experience after MTech/ME/MSc in above mentioned fields with at least one research paper in Science Citation Indexed (SCI) journal	Candidates with skills of good research writing, experience of field surveys, statistical analysis, sectoral field knowledge about Gujarat, management and coordination skills will be preferred	36,000 + HRA	38000 + HRA	40,000 + HRA

B Junior Research Fellows

S. No.	RA - Area of Work/ Sector	Number	Duration	Essential Qualification	Additional Qualification preferred	Monthly Salary
						Y1, Y2 & Y3
1	JRF - Agriculture Sector	1	3 yrs	Post graduate degree in Earth Sciences/Environmental Sciences/Agriculture Science Hydrology/Climate change/Social Science/Statistics or related area, or graduate/post graduate degree in Civil Engineering/Environmental Engineering/ Hydrology/ Remote Sensing & GIS or related area. Candidates should have valid GATE/NET card. Candidates selected through National level examinations conducted by Central Government Departments and their Agencies and Institution such as DST, DBT, DAE, DOS, DRDO, MRD, ICAR, ICMR, IIT, IISc, IISER etc will also be considered.	community-based surveys, interviewing, quantitative and/or qualitative data collection, statistical analysis using software, and excellent report-writing skills	25000 + HRA (If applicable) in first two years and Rs. 28,000 + HRA (If applicable)
2	JRF - Water/ Hydrology Sector	1	3 yrs			
3	JRF - RE&EE Sector	1	3 yrs			
4	JRF - Urban Devp Sector	1	3 yrs			
5	JRF - Sea Level rise and Coastal Infra Sector	1	3 yrs			
6	JRF - Health & VC Sector	1	3 yrs			
7	JRF - Climate change	1	3 yrs			
8	JRF - Statistics and/or RS/GIS	1	3 yrs			
9	JRF - RS/GIS	1	3 yrs			
9	JRF - Forest & Biodiversity Sector	2	2 yrs	MSc in Ecology/ Wildlife Sci/ Forestry/ Botany/ Zoology/ Life Science or equivalent with valid GATE/ NET cards OR selected through valid national level examinations conducted by various Govt level scientific / research institutes	Good at research report writing, ecological survey techniques, field knowledge, data handling and analysis	
TOTAL		11				