



भौगोलिक सूचना प्रणाली प्रकोष्ठ
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज - 211004 (उ० प्र०), भारत
Geographic Information System (GIS) Cell
Motilal Nehru National Institute of Technology Allahabad, Prayagraj-211004 (U.P.) India

Advertisement No- GISCELL/SUSTENANCE/01/2024/Project Staff

Dated - 03.04.2024

Advertisement for the Post of Junior Research Fellow (On Contract) for DST India-European Union (EU) Consortium Research Project
“Sustainable Energy system for Achieving Novel Carbon neutral Energy communities (SUSTENANCE)”

Applications are invited from Indian nationals for the post of Junior Research Fellow (on contract) in the Department of Science and Technology (DST) India – European Union (EU) Consortium Research Project entitled “**Sustainable Energy system for Achieving Novel Carbon neutral Energy communities (SUSTENANCE)**”. This research project is funded (Indian-side) by DST, Government of India.

The duly completed application form (soft copy) along with the scanned copies of all supporting documents must reach to the email id of Dr Manohar Yadav (ssmyadav@mnnit.ac.in), GIS Cell with the subject of the email as "Application for JRF (on contract) in “SUSTENANCE Project" on or before **11:59 PM (IST), 24.04.2024**.

Description and Objectives of the Project: The aim of this project is to demonstrate the **Techno-Economic viability of local energy systems**: solar photovoltaic (PV) system and **geospatial** relationship for the scientific and industrial applications, such as water pumping system for domestic water supply. The algorithms and software will be developed for geospatial tools, energy management model, Techno-Economic viability analysis of the model, etc. for the complete experimental set-up.

The position is purely temporary and will be governed by the funding agency rules & service conditions of Office of the Dean (Research & Consultancy), MNNIT Allahabad.

Number of Position : 1 (One)

Essential Qualifications : M. Tech. / M.E. in with specialization in Power System/Control & Instrumentation/ Power Electronics & Drives/ Renewable Energy/ Energy Engineering/ Geoinformatics/Geomatics/GIS & Remote Sensing/Computer Science and Engineering having qualified GATE examination in engineering disciplines.

Fellowship : Rs. 31,000/- per month (Consolidated) + HRA@16% (or as per Funding agency guidelines)

Desirable Experience : One year research experience in the related area of project description/objectives along with publication, etc. Proficiency in software development/programming skills.

Other Benefits : Accommodation may be available as per the availability and the Institute norms. **Candidate selected for the JRF may register for Ph.D. if eligibility conditions, as set by institute, are met by him/her.** Facility of causal leave



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may be available as per applicable rules of the project staff (i.e. JRF). **The candidate selected as JRF will get an opportunity to work with the experts from other project partners:** IIT Bombay, IIT Kharagpur, IIT Delhi, IISc Bangalore, European universities (Aalborg University, Denmark; University of Twente (UT), Netherlands) and industry partners, etc.

Upper Age Limit : 28 years as on the last date of application (The upper age limit is relaxable as per GoI rules in case of candidates belonging to SC/ST/OBC/PH and women candidates)

Tenure of Appointment : The appointment will be made on-contract basis for one year from the date of joining or for the duration of the project, whichever is earlier.

Additional Information: The candidate is expected to travel between MNNIT Allahabad and project demonstration site located in Barubeda village, Jharkhand through the mode of transport, i.e. as per the funding agency guidelines.

Note:

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
2. The Institute reserves the right to accept application at any time, and consider candidates of exceptional credentials without applications.
3. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and need of the project.
4. Shortlisted Candidates will be informed by e-mail about the interview date. So, the candidate must provide valid E-mail IDs in their applications.
5. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV, publications if any, and original and attested photocopies of mark sheets/ certificates in support of their academic qualifications.
6. Applicants in employment (government or any other organization) are required to submit a “**No Objection Certificate**” from the employer at the time of interview.
7. No TA/DA will be paid for appearing in the interview.

Name of PI: Dr. Manohar Yadav

Designation: Assistant Professor Grade-I

Department: GIS Cell



For office use only

Application No.....

APPLICATION FORM

Advt. No.....

Dated.....

Research Project Entitled Sustainable Energy system for Achieving Novel Carbon neutral Energy communities (SUSTENANCE), sponsored by DST, Government of India, File No. DST/TMD/INDIA/EU/ILES/2020/19 (G).

Sanction letter & Date

Funding Agency

Government of India, Ministry of Science and Technology, Department of Science & Technology

Self Attested recent passport size Photograph

Name of P.I.

Dr. Manohar Yadav

Name of Position

Junior Research Fellow (on contract)

Department/Section

GIS Cell

1.	Name of the Candidate (In Capital letter)					
2.	Sex (Male/Female)					
3.	Marital Status (Married/Unmarried)					
4.	Date of Birth					
5.	Age as on last date of application	_____ Years _____ Months _____ Days				
6.	Father's/Husband's Name					
7.	Present/Contact Address					
8.	Permanent Address					
9.	Mobile No.					
10.	E-mail					
11.	Nationality					
12.	Category	Gen/SC/ST/OBC/PH _____ (enclosed attested copy of certificate) and women				
13.	GATE	Valid up to _____ Score/Rank _____				
14.	Educational Qualification					
	Qualification	Subject/Discipline	Board/Institute/Univ.	Year	% of marks	Division
	10th or equivalent					
	12th or equivalent					
	Diploma, if any					
	BA/B.Sc./B.E./B.Tech.					
	M.A./M.Sc.					
	M.Phil./M.E./M.Tech*					
	Ph.D*					

*Title of M.E./M.Tech. Thesis:



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15.	Details of Experience in chronological order. Enclose a separate sheet duly authenticated under your signature if necessary						
Organization	Position	Salary/ Emoluments	Nature of Duties	Nature of appointment	Period of Experience		
					Year	Month	Days
16.	Research Publications (enclose copies):-			Numbers :			
	SCI Journals :						
	Non SCI Journals :						
	International Conference/Seminar / Symposium Proceeding :						
	National Conference/Seminar /Symposium Proceeding :						
17.	Any other information						
18.	Indicated whether you propose to register for higher degree* at MNNIT, Allahabad. Yes/No (Name of degree is Ph.D)						

Note:- *Those candidates who wish to be admitted as student for higher degree (Ph.D.) must fulfill at least the minimum eligibility for the respective admission as available on the Institute website.

DECLARATION

I hereby declare that all the statements made in this application are true and complete and nothing has been concealed/ distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place:

(Signature of the Applicant)

Date:

Enclosure- Self attested copy of documents

1. Proof of Date of Birth
2. Mark sheets & certificates of all the examination passed
3. Category Certificate, if applicable
4. GATE score card
5. Experience certificate, if any
6. Research publication copy, if any