



राष्ट्रीय प्रौद्योगिकी संस्थान मणिपुर
National Institute of Technology Manipur

Langol, Imphal (Manipur), Pin 795004,

Ph: (0385) 2445812/ Email:-nitmanipur@yahoo.in

An Autonomous Institute under MHRD, Govt. of India

NO. NITM./ (276 - ESTI) / CRG / Bakim / 2021 (PI) - 167

Date: 28-03-2022

Advertisement for the post of Junior Research Fellow (JRF)

Applications are invited from the Indian citizens for filling up the post of Junior Research Fellow (JRF) under the Core Research Grant/Project No: **CRG/2021/006665** sponsored by the Science and Engineering Research Board (SERB), **New Delhi- Govt. of India**, which will be carried out in the Department of Civil Engineering, NIT Manipur under Dr. Bakimchandra Oinam, Associate Professor, as the Principal Investigator (PI). The details of the ongoing project are mentioned below:

Project Title:	" A geospatial based approach for the identification and assessment of watershed health condition in Loktak Lake, Manipur, India"
Principal Investigator:	Dr. Bakimchandra Oinam, Department of Civil Engineering, NIT Manipur
No of JRF Position:	01
Total Project Duration:	3 years
Essential qualifications:	i) Post-Graduate (M.Tech/ME) in Civil Engineering with specialization in Hydrology/ Environmental and Water Resource Engineering/ Geomatics Engineering. ‘OR’ ii) M.Sc. degree in Geoinformatics/Remote Sensing/Earth Science/ Geology with NET/GATE Qualification
Desirable Qualifications and Experience:	<ul style="list-style-type: none">▪ Fundamental knowledge and research background in areas of Hydrological Modeling, Geospatial technology and a good knowledge on the state of the art of Integrated Watershed Health Condition and Aquatic Habitat Condition Monitoring and Assessment which is currently adopted at various region of the world.▪ Field work experience in various landscape characterization, hydrological, aquatic (fish) habitat survey/assessment using instruments like Total Station, DGPS, Flow probes, Water quality probes, Echo sounder etc.▪ Working experience in handling Remote sensing data, Image processing/GIS softwares (ArcGIS, ERDAS Imagine, QGIS, GRASS, R) and Hydrological softwares like MIKE SHE HD/AD, incl. MHR HDUL/AD + RR .▪ Candidate with a good command over English language and sound scientific writing skills and publications in good journals and conferences is preferred.▪ Knowledge of the local field conditions- language, ground conditions will be an additional asset since the project will involve large field visits and data collections.
Age Limits:	Not more than 30 years as on the last date of application (SC/ST/OBC/PWD/WOMEN candidates will get relaxation as per Govt. Of India Rules)
Fellowship:	Rs 31,000/- per month with 8% HRA* for the 1 st and 2 nd year of the project Rs 35,000/- per month with 8% HRA* for the 3 rd year of the project [†] (* There is no hostel facility entitled for PA/JRF/RA, hence, HRA will be provided as per norms) ([†] Based on satisfactory progress after 2 nd year of the project and evaluation by committee)
Tenure of the Employment:	The position is purely temporary and co-terminus with the project (3 years from start of project). It doesn't confirm any permanent position at NIT Manipur. Appointment shall be made on contract basis for a period of six months initially, which may be extended further depending on the performance evaluation on six months basis and on the approval of the sanctioning agency SERB till the end of the project. <u>Since the appointment is for a time bound project, the candidate is essentially required to work for successful execution of the project objectives and completion of the project. If the monthly performance of the candidate is not satisfactory, then the PI has the right to terminate the contract without assigning any reason.</u>



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General Terms and Conditions:

- 1) Duly filled in application forms along with the recent passport size photograph, self attested photo copies of the degree certificate and mark sheets with complete bio-data must be sent to Principal Investigator, “**Dr. Bakimchandra Oinam (PI), Associate Professor, Department of Civil Engineering, National Institute of Technology Manipur, Langol, Imphal- Manipur 795004**” in the prescribed format by hand or speed/registered post. On the envelope please inscribe “**Application for the post of JRF for CORE-SERB Project (CRG/2021/006665) in Civil Engineering**”.
- 2) Filled application form must reach **on or before 7th April, 2022 upto 05:00 P.M.** Candidates may send a scanned copy of the same in advance to **bakim143@gmail.com** for review purpose.
- 3) A project screening committee shall shortlist the candidates to be called for interview, based on the specialization and availability of candidates and requirements as per the project. NIT Manipur reserves the right to fix suitable criteria for short-listing of eligible candidates satisfying advertised qualification and requirement of the project post.
- 4) List of the shortlisted candidates will be uploaded in the institute website (www.nitmanipur.ac.in) and shortlisted candidates will be informed by **e-mail or may be communicated over telephone/mobile about the interview date**. So, the candidate must provide valid e-mail IDs and contact number in their applications and no separate call letter will be issued.
- 5) Only the shortlisted candidate will be informed. **No communication from other candidates will be entertained.**
- 6) Tentative date of interview of the shortlisted candidates will be in the middle/last week of April 2022. Please note that the conduct of the interview may be in **online/offline mode** depending on the COVID pandemic situation in the region. Preferably, if situation permits, the offline mode will be conducted in the Department of Civil engineering, NIT Manipur, Langol campus, West Imphal-Manipur- 795004.
- 7) Written/interview procedures will be decided by the selection committee.
- 8) Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview.
- 9) Complete information with regard to GATE score (if applicable) such as: year of passing, discipline, score, marks, All India Rank and the number of candidates appeared should be mentioned in the application form.
- 10) Mere fulfilment of the required qualifications and experience does not entitle a candidate to be shortlisted or called for interview. **The Principal Investigator of the project reserves the right to fill or not fill the position.**
- 11) The applicant will be responsible for the authenticity of information provided, other documents and photograph submitted.



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12) No TA/DA will be paid for attending the interview.

13) No communications will be entertained for being called/not-called and/or selected/not selected for the advertised position.

Sd/-

Dr. Bakimchandra Oinam
(Principal Investigator)
Associate Professor,
Department of Civil Engineering
National Institute of Technology Manipur



DEPARTMENT OF CIVIL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR
[APPLICATION FOR JUNIOR RESEARCH FELLOWSHIP]

Project No: CRG/2021/006665

For Office Use Only: Serial Number: Eligible for interview: YES/NO Checked the Certificates/Documents:	Latest self attested passport photo
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01. Advertisement No. & Date _____
02. Name of the candidate (In Block letters) _____
03. Father/ Husband's name: _____
04. Date of Birth _____
05. Sex _____
06. Whether belongs to SC/ST/OBC/PWD _____
07. Nationality _____
08. Present Postal Address with pin code

09. Permanent Address with pin code

10. Phone No. & Email: (1) (2)
11. Branch in (a) B.Tech/BE/BSc Degree : _____
(b) M.Tech/ME/MSc Degree _____
with specialization:

12. Educational Qualifications (From SSC/Matric onwards. Attested copies to be enclosed):

Name of Exams	Main Subjects/ Branch	School/College	Board/University	Year of passing	% of Marks/CGPA
10 th					
12 th					
Graduation (B.Tech/B.E/BSc.)					
Post-Graduation (M.Tech/ME/MSc.)					
Any other					

14. Experience, if any:

Name of the organisation	Period of service		Position	Nature of job
	From	To		

15. Mtech/MSc Project Details:

16. Whether Qualified in UGC/CSIR/NET/GATE Examination: YES / NO (If Yes, Provide Details)

Year..... Branch..... Marks obtained..... Score.....

17. List of Publications for SCI paper (separate Annexure Enclosed, if required)

18. Record of past study as a sponsored candidate, or other contractual obligation, if any:

19. Why do you feel that you are the best candidate for this position?

20. Give your qualities which justify your candidature for the position?

21. Knowledge of any Remote sensing/GIS based field equipments/software:

22. Any other relevant information which you want to share and is not covered above:

23. I do not have a close relative among officers and faculty of NIT Manipur:

Yes/No

24. DECLARATION: I hereby declare that, the above furnished particulars are correct and no information is suppressed. I am liable for any disciplinary action, if found otherwise.

Place:

Date:

(Signature of the Candidate/Applicant)

25. References:

a)

b)

Enclosures : 1) _____ 2) _____ 3) _____
4) _____ 5) _____ 6) _____
7) _____ 8) _____ 9) _____