



**INDIAN INSTITUTE OF TECHNOLOGY PATNA  
BIHTA PATNA-801106  
RESEARCH & DEVELOPMENT UNIT**

**ADVERTISEMENT NO: R&D/ 928/RAE/318**

**DATED: 17/11/2023**

Project No: **R&D/SP/CEE/RAE/2023-24/928**

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

1. (a) Name of the temporary assignment : Junior Research Fellow  
(b) Number of Post : 01  
(c) Duration of the Post : 2 years, Initially recruitment will be for 3 months, upon satisfactory performance the contract will be further extended.
2. Name of the temporary research project : Reliability Analysis of Energy Pile as Renewable Energy Resource using AI/ML
3. Name of the sponsoring Agency : AI4ICPS (TIH-IITKgp)
4. Consolidated Fellowship/Salary : Rs 37, 000/- + HRA as per norms
5. Qualifications & Experience : ME/MTech in Geotechnical Engineering/ MSc in Geology/ Earth Sciences, integrated MTech in Geotechnical Engineering with hands on experience on Artificial Intelligence/ computational work.

The candidate desirably should have ME/MTech/ BTech-MTech Dual Degree with a minimum CPI of 6.5 or 60% of marks. The upper age limit for applying for the JRF position shall be 32 years. Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules. Experience of working on Geotechnical Engineering laboratory based experimental work, knowledge on Energy Geotechnics and hands on experience on computational work/ programming language, GATE qualification is desirable.

The updated resume along with the original copies of all supporting documents (certificates, mark-sheets etc.) should be submitted to the undersigned on or before 20/12/2023. The date, time and venue of interview will be communicated to the shortlisted candidates. No TA/DA is admissible for appearing in the interview.

For any query contact Investigator(s): **Dr. Ramakrishna Bag, Dept. of Civil and Environmental Engineering, IIT Patna, Emails: rkbag@iitp.ac.in** Tel.: 06115-233704.

**Deputy Registrar**

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



Form No: RD-M003

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## FORMAT OF APPLICATION FOR JRF

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/SC/S T/PD)	DOB dd/ mm/yy	Professional Exam. (GATE/CSIR-NET, etc) & Validity
NAME IN CAPITAL Address:  Phone: Email:			

Educational Qualification			
Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI/ score/ percentile
	10 <sup>th</sup> Class		
	12 <sup>th</sup> Class		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/ M.Tech/ M.E /MCA/MA) or equivalent		
	GATE/NET (with subject)		

Qualifying degree	Degree/ major/Specialization
(B.Sc/B.Tech/B.E./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Others	

Signature of applicant

Date:

Place: