Birla Institute of Technology, Mesra
Ranchi - 835215
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Advertisement for the post of Junior Research Fellow(JRF)/ Project Associate I

Applications are invited for One post of JRF/Project Associate -I under ISRO-CH-2 AO, a Government of India sponsored project.

Name of the Project	Machine Learning and Deep Learning based Automatic Lunar Crater Detection using Terrain Mapping Camera-2 DEM Images
Principal Investigator	Dr. Sanchita Paul Assistant Professor, Department of Computer Science and Engineering Birla Institute of Technology, Mesra, Ranchi-835215 E-mail: sanchitapaul@bitmesra.ac.in
Shortlisting process for Interview	The candidates would be shortlisted for an interview (online/ offline) based on their academic and professional backgrounds. Applicants will be selected based on an interview taken by the committee. The recommendations of the committee will be final.
Interview Date and Time (online/offline)	**10/11/2022 at 10:30 AM**

The above project will be executed in the Department of Computer Science and Engineering, Birla Institute of Technology, Mesra, Ranchi. Initial appointment shall be made for 1 year and is likely to be extended up to 3 years based on annual progress and performance of the candidate. The position shall be co-terminus with the project.

Designation wise eligibility and fellowship details are as follows.

Name of Post	Essential Qualifications/ Eligibility Criteria (Both a and b)	Desirable qualification	Fellowship
Junior Research Fellow (JRF)	(a) BE/ B. Tech and ME/M. Tech with 60% marks in the area of Computer Science and Engg. /Information Technology OR BE/ B. Tech. in Computer Science and Engg. And ME/ M. Tech. in Remote Sensing with 60% marks. (b) Scholars who are selected through National Eligibility Tests CSIR or UGC NET-JRF / NET-LS/ GATE/ INAT/ JEST. OR The post-graduation should be done at a Nationalized institute (any NIT's) and the admission should be through a	1.Candidates with knowledge of Image Processing (Remote sensing images) 2.Candidates with knowledge of Machine Learning and Deep Learning 3. Candidates with Knowledge of	Rs. 31,000/- per month (First two years)+ 18% HRA Rs. 35,000/- per month (Third year) + 18% HRA

	National level examination conducted by any Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.	Python and MATLAB.	
Project Associate I	BE/ B. Tech and ME/M. Tech with 60% marks in the area of Computer Science and Engg. /InformationTechnology OR BE/ B. Tech. in Computer Science and Engg. And ME/ M. Tech. in Remote Sensing with 60% marks. along with more than two years of hands-on experience in image processing and machine learning and handling satellite data.	1. Candidates with knowledge of Image Processing (Remote sensing images) 2. Candidates with knowledge of Machine Learning and Deep Learning 3. Candidates withKnowledge of Python and MATLAB.	Rs. 28,000/- per month + 18% HRA

How to Apply:

- Interested candidates are requested to send their application in soft copy along with their curriculum- vitae mentioning educational qualification (percentage marks & year of passing from matriculation to M. Tech.), contact address, and scan copies of all relevant testimonials (in a single merged PDF file only) through **E-mail to: sanchitapaul@bitmesra.ac.in** with a copy to **mili@bitmesra.ac.in** and **ar.src@bitmesra.ac.in** on or before **08.11.2022.** CV must include the mail id and working phone number.
- The candidates would be shortlisted for online interviews based on their academic and professional backgrounds and will be intimated through email stating the timefor the interview.
- The offered designation will be either Junior Research Fellow or Project Associate – I based on the eligibility and experience of the candidate.

Venue, date & time of interview

- The online/offline interview will be held on 10 November 2022, in the Department of Computer Science and Engineering at 10:30 AM.
- No TA/DA will be paid for attending the interview.

           Registrar