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 from Indian National 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)	**15/12/2022 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.

Name of Post	Essential Qualifications/ Eligibility Criteria (Both a and b)	Desirable qualification	Fellowship
Junior Research Fellow (JRF) **1 Post**	(a) BE/ B. Tech and ME/M. Tech with 60% marks in the area of Computer Science and Engg. /Information Technology/ EEE/ ECE OR BE/ B. Tech. in Computer Science and Engg. / Information Technology/ EEE/ ECE and ME/ M. Tech. in Remote Sensing with 60% marks OR M.Sc. Geoinformatics 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	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 Python and MATLAB.	Rs. 31,000/- per month (First two years) + 18% HRA Rs. 35,000/- per month (Third year) + 18% HRA

	at a Nationalized institute (any NIT's) and the admission should be through a 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.		
Project Associate I **1 Post**	(c) BE/ B. Tech and ME/M. Tech with 60% marks in the area of Computer Science and Engg. /Information Technology/EEE/ ECE OR BE/ B. Tech. in Computer Science and Engg./Information Technology/ EEE/ ECE and ME/ M. Tech. in Remote Sensing with 60% marks. OR M.Sc. Geoinformatics 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 with Knowledge of Python and MATLAB.	Rs. 28,000/- per month + 18% HRA

The candidate will be assigned as Project Associate I if JRF requirements will not be fulfilled.

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 **14.12.2022.** The CV must include the mail id, permanent address, 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 time for the interview.

Venue, date & time of interview
- The online/offline interview will be held on 15 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