



## ADVERTISEMENT

POSITION DETAILS	
<b>Title:</b>	Junior Research Fellow / Project Assistant
<b>Duration:</b>	Initially for a period of 6 months (May be extended further based on performance and continuation of the project)
<b>Emoluments:</b>	As per DST rules, commensurate to qualification and research experience
PROJECT DETAILS	
<b>Title:</b>	Understanding Depression - A Machine Learning Approach using Multi-Site, Multi-Modal Image Analysis
<b>No:</b>	DST/CSRI/2018/342
<b>Department:</b>	Computer Science & Engineering

### JOB DESCRIPTION

- An exciting opportunity to support research projects in the Computational Biomedical Imaging Lab (CBIL)
- General scope: Design and development of machine learning algorithms for medical imaging challenges

### QUALIFICATIONS

- B.E / B. Tech in Computer Science and Engineering or related technical field with a minimum of 60% marks
- Candidates who have qualified CSIR-NET /UGC-JRF/GATE will be preferred.
- Candidates without NET/GATE qualification may be appointed as Project Assistant if found suitable.
- **Required:** Excellent programming skills, strong math background and experience with Python & Matlab.
- **Desirable:** Experience with Deep Learning algorithms and knowledge of Image Processing / Probability / Statistics. Strong coding portfolio with projects in GitHub repository, Kaggle profile, etc.
- Good written and oral communication skills, and the ability to multi-task effectively. Strong analytical & problem-solving skills, and ability to work both independently and as part of a team

### APPLICATION PROCESS

- **Last date of Application: 14<sup>th</sup> May 2021, 5 pm**
- Email the following to the principal investigator Dr. Deepti R. Bathula (bathula@iitrpr.ac.in)
  1. Completely filled application form as PDF (given on the following sheet)
  2. Detailed CV in PDF format (detailing prior work/research experience)
  3. Photocopies of all the relevant documents along with their originals (PDF format)
- Please note: Only shortlisted candidates will be informed via email about the details of the online interview.

#### Dr. Deepti R. Bathula

#### (Principal Investigator)

Assistant Professor, Room 118  
Department of Computer Science & Engineering  
Indian Institute of Technology Ropar,  
Rupnagar-140001,  
Punjab

E-mail: [bathula@iitrpr.ac.in](mailto:bathula@iitrpr.ac.in)

Website: <http://www.iitrpr.ac.in/cse/bathula>

# APPLICATION FORM

Project Assistant under DST Project No. DST/CSRI/2018/342

## Personal Details

Full Name (In Capital)				Affix Recent Passport Size Photo
Date of Birth (DD/MM/YY)		Gender (Male/Female)		
Marital Status (Married/Unmarried)		Nationality		
<b>Address for Communication</b>		<b>Permanent Address</b>		
Mobile/Phone no.		E-mail		

## Education Background (From Matriculation Onward)

S. No.	Degree	Board / University	Regular/Part time	Year	Division	% Marks /CGPA
1						
2						
3						
4						

*\*[Please also submit softcopy of the semester-wise mark-sheets as well as softcopy of degree]*

**Qualifying Examination (GATE/CSIR/UGC/NET/Others)**

S. No.	Qualifying Examination	Branch	Year	Valid up to	Percentile & Score	All India Rank
1						
2						
3						

**Professional Experience (Teaching/Research/Industrial) if any:**

S. No.	Designation	Name of Organization	Period		Nature of Work
			From	To	
1					
2					
3					

**Research Publications (if any) *\*[Please also bring a hardcopy]*****Awards, patents, prizes etc. (if any)****Any other Relevant Information****DECLARATION**

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected, I promise to abide by the rules and discipline of the Institute.

I note that the decision of the Institute is final in regard to selection. The Institute shall have the right to expel me from the Institute at any time after my selection, provided it is found that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the Institute is not desirable. I agree that I shall abide by the decision of the Institute, which shall be final.

Place:

Date:

**Signature of Applicant**