

Position Opening for a JRF (Metallurgical & Materials Engineering)

Applications are invited from Indian nationals for the position of a Junior Research Fellow to work on SERB funded project titled “*Design of improved bond coat materials through co-doping of reactive elements*”. The selected candidate will work in the IDEAs research group (ideaslab.iitrpr.ac.in) under the supervision of Dr. Pratik K. Ray in the Department of Metallurgical and Materials Engineering. The research work falls broadly in the area of High Temperature Alloys. The initial appointment will be until December 31, 2022 and can be renewed subject to satisfactory performance. The selected candidate will also be expected to apply for a PhD position in IIT Ropar in December 2022.

Post: Junior Research Fellow (Contract) **Positions:** 1 (One)

Duration: Initial contract will be until December 31st, 2022. Can be renewed subject to satisfactory performance.

Emoluments: As per SERB norms.

Essential Qualifications

- Candidates with a Master’s degree in relevant Engineering/Technology (including Master’s degree by Research) must satisfy the following criteria, with a GATE score:

	M.E./ M.Tech. / M.S. (Research)
General/ OBC/ EWS	70% or 7.5 CGPA and above
SC/ST	65% or 7.0 CGPA and above

Note: Students in the final semester of their Master’s programs will be considered subject to fulfilling the criteria at the time of admission.

- Candidates with a Bachelor’s degree in Engineering/Technology or a Master’s degree in Sciences with a valid score in GATE/UGC/CSIR/NET^{s:#} must satisfy the following criteria:

	B.E./ B.Tech.
General/ OBC/ EWS	70% or 7.5 CGPA and above
SC/ST	65% or 7.0 CGPA and above

Note: Students in the final semester of their Master’s programs will be considered subject to fulfilling the criteria at the time of admission.

Desired Skill-set

Candidates should preferably have a good grasp over basic materials science (crystal structures, phase diagrams, thermodynamics and kinetics).

For more details, visit <https://ideaslab.iitrpr.ac.in/team/jrf>

How to Apply

Candidates must apply by filling out the application form (next page) and supporting documents and email it (as a **SINGLE pdf file**) along with their CV to pratik@iitrpr.ac.in. Please write “Application for JRF-SERB (High Temperature Alloys)” in the email subject.

Application Deadline: 11th July 2022

Application form for JRF (Contract) for SERB project

Recent Photograph

Personal Details

Full Name (In capital)			
Date of Birth (DD/MM/YY)		Category [§] (General/EWS/SC/ST/OBC)	
Age (in years)		Gender (Male/Female)	
Marital Status (Single/Married)		Nationality	
Address for Communication		Permanent Address	
Mobile/ Phone No.		Email:	

[§] Please include category certificate for EWS/OBC/SC/ST or PwD.

Details of School/University/Institute Studied (From Matriculation Onward)

S. No.	Degree	Discipline	University/Institute	Regular/ Part-time	Year	%Marks /CGPA*	Division
1.							
2.							
3.							
4.							
5.							

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

Qualifying Examination (GATE/CSIR/UGC/LS-NET/Others)

Qualifying Examination (& name of subject)	Branch	Year	Valid Up to	Percentile (& Score)	All India Rank

Professional Experiences (Teaching/Research/Industrial) if any

Name of Organization	Designation	Nature of Work	From	To

Research Publications:

[Also attach softcopy of conference/journals papers separately, if applicable]

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 satisfied that I was selected 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