

No.: Advt/ IITT/CSRC/2024-25/04

Date: 29-05-2024

Applications are invited from the eligible Indian nationals for the Junior Research Fellow (JRF) in a time-bound sponsored project undertaken in the Department of Mechanical Engineering.

Position	Junior Research Fellow
No. of position	01
Essential Qualification	B. Tech and M. Tech in Mechanical Engineering/Aerospace Engineering with minimum of 65% marks or equivalent CGPA. Preference will be given to candidates who have valid GATE score.
Project Title	Plastic strains-induced displacive phase transformations at nano and micro scales.
Project Number	MEE2425002SERBANUP
Sponsoring Agency	SERB
Monthly Salary	INR 37000.00 + HRA as applicable Pay and position will be fixed based on valid gate score and experience
Principal Investigator	Dr. Anup Basak
Tenure of Assignment	Six months and may be extended for another six months based on the performance.
Desired Experience	Must have exposure to continuum mechanics, tensor analysis, plasticity theory, and nonlinear finite element computations.
Nature of Work	The selected candidate will work on continuum theory of plasticity and other structural changes like phase transformations in crystalline solids.
Age Limit	Not more than 35 years as of 13-06-2024 (Relaxed for exceptional candidates & reserved category)
Application Deadline	13 th June, 2024 (5:00 PM by email)

Eligible candidates may send a **detailed curriculum vitae (maximum 2 pages)** specifying qualifications and experience, on or before the deadline to abasak@iittp.ac.in, Dr. Anup Basak (Principal Investigator) and csrc_recruitment@iittp.ac.in. Importantly, mention your contact detail (email as well as cell number) in CV. The shortlisted candidates will be informed *via E-mail only*. The selection will be based on the qualification, experience, and interview performance. The interview will be conducted online mode, and only selected candidate will be notified. IIT Tirupati reserves the right to reject any or all the applications without assigning any reason thereof.