भारतीय प्रौद्योगिकी संस्थान हैदराबाद
कंदी - ५०२२८४, संगारेड्डी, तेलंगाना, भारत
फोन: (०४०) २३०१ ६५६१; फैक्स : (०४०) ६००३ / ३२
Indian Institute of Technology Hyderabad
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Date: 21/10/2026

Advertisement for JRF position at IIT Hyderabad

Applications are invited for Junior Research Fellow (JRF) positions to work in the research group of Dr. Shourya Dutta Gupta, Materials Science and Metallurgical Engineering (MSME), IIT Hyderabad.

1	Name of the posts	JRF
2	Number of positions	Two (02)
3	Sponsoring Agency	ICMR
4	Duration of position	12 months (can be extended based on performance)
5	Fellowship	37,000 + HRA (as per applicable norms)
6	Essential Qualifications	• Candidates with Master's (M.E./M.Tech. (or equivalent)) with first class, Or • M.Sc. or equivalent in any science discipline with first class and a valid GATE score, (or Qualified one of the national exams: INSPIRE, Joint CSIR-UGC NET with JRF, DBT JRF) Or • B.Tech. students from CFIs with a CGPA of 8.0 or more are eligible to apply (no GATE required) Or • B.E. / B.Tech. or equivalent in any discipline with first class and a valid GATE score
7	Desirable qualifications	Candidates with one or more of the following skills are encouraged to apply: • Optical sensor (or biosensor) development • Nanoparticle synthesis (or nanofabrication) & characterization • Spectroscopy and imaging of biosensors • Development of imaging/spectroscopic setups/platforms using Arduino/ESP32 (or any others) • Familiarity with coding in python/MATLAB (or any other language) especially for GUI development
7	For additional information, the candidates can contact Dr. Shourya Dutta Gupta (shourya@msme.iith.ac.in)	

- The tenure of the JRF will be for a period of 12 months, extendable based on performance.
- *The selected candidate will be encouraged to register for the PhD program at IIT Hyderabad as per the institute's norms.*

Responsibilities

The selected candidate would be involved in:

- Development of biosensors for eye disease diagnostics (and work closely with clinicians at LVPEI, Hyderabad).
- Development of imaging and spectroscopic platforms for sensors.
- Development of software platforms for system control, data acquisition, and visualization.
- Preparation of technical reports, publications, and patents arising from the project.

How to Apply

Interested candidates should apply by filling out the Google Form (https://forms.gle/UT5wXk3Ygckp7Skx6) on or before **5 PM on 10th November 2026**.

Procedure for recruitment

- Candidates will be shortlisted based on their academic record/achievements, and only shortlisted candidates will be intimated via e-mail for an interview with the selection committee.
- The shortlisted candidates will be informed via email of the interview date (in online mode).
- Please note that merely meeting the minimum criteria does not guarantee a call for an interview.
- The selection committee's decision would be final.