



**Indian Institute of Technology Hyderabad**  
**Kandi, Sangareddy-502285, Telangana, INDIA**

Date of Advertisement: 13/04/2023

**Advertisement for the post of Junior Research fellow (No. of Post: One)**  
**(Department of Materials Science and Metallurgical Engg, IIT Hyderabad)**

Applications are invited from bright, young candidates with good academic background to attend the online interview for the post of **Junior Research Fellow** position (No. of Post: One) as a part of SERB project. Details are given below:

Project Title	<b>“Post-Processing of Direct Energy Deposition Components: Need Identification and Process Selection”</b>
Brief Description of work	Broad area: metallurgy, materials, powders, sintering Work includes, metals and alloys, powders, sintering, processing, mechanical alloying, phases and microstructures characterization, metallography, mechanical properties testing and characterization, heat treatments, high entropy alloys, high entropy carbides, superalloys, etc.
Name of the Post	<b>Junior Research Fellow (JRF)</b>
No. of Post	One
Period of Appointment	The appointment will be initially for a period of <b>about 8 months</b> .
Remuneration	INR 31000/- pm + HRA
Essential Qualifications	M.Tech./M.E./ or equivalent degree in Metallurgical Engineering/ Materials Science/ Mechanical Engineering (with Manufacturing specialization) /or related areas.  OR  B.Tech. or equivalent degree in Metallurgical Engineering/ Materials Science/ related area, with a valid GATE score
Age Limit	Preferably below 35 years
Desirable	Experience in some of the following areas: microstructural study, metallography practices, heat treatments, mechanical testing, working with metals and alloys, powder metallurgy, metal additive manufacturing. Experience in handling various material characterization, processing and testing equipment etc.

**Note:**

1) Interested applicants should **apply online** only by **25<sup>th</sup> April, 2023**, through the online google form:

[https://docs.google.com/forms/d/e/1FAIpQLSeTMNOTfvfTjyLUjpZdjFTuZPDRHblQzaQyaKihjsssHPpaoA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSeTMNOTfvfTjyLUjpZdjFTuZPDRHblQzaQyaKihjsssHPpaoA/viewform?usp=sf_link)

2. The interview of shortlisted candidates will be conducted online. The date and time of the interview will be informed after shortlisting. Selection committee may set some cut-off mark for qualifying degrees for shortlisting. For any query in this regard, candidates may write to Prof. Bharat B. Panigrahi, Principal investigator (Email: [bharat@msme.iith.ac.in](mailto:bharat@msme.iith.ac.in)), Department of Materials Science and Metallurgical Engineering.