



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

Date of Advertisement: 13/04/2023

**Advertisement for the post of Senior Research fellow / Research Associate**  
**(Department of Materials Science and Metallurgical Engg, IIT Hyderabad)**

Applications are invited from Indian nationals with good academic background to attend the online interview for the post of Senior Research Fellow/ Research Associate position (No. of Post: One, either SRF or RA) as a part of DRDO project. Details are given below:

Project Title	<b>“Development of fibers reinforced alumina and zirconia matrix composites for high temperature applications”</b>
Brief Description of work	This project is on fabrication of high temperature ceramic matrix fiber reinforced composite. Work involves processing of ceramic powders, fabrication of composites, compaction, preform making, sintering of composites, heat treatments, phases and microstructure characterization, testing of mechanical and other properties, etc.
Name of the Post	<b>Senior Research Fellow (SRF)/ Research Associate (RA)</b> <i>[designation is subjected to the eligibility qualifications, given below]</i>
No. of Post	One
Period of Appointment	The appointment will be initially for a period of <b>Eleven months</b> and based on performance, the appointment may be extended.
Remuneration	For SRF: INR 35000/- pm + HRA For RA: INR 45000/- pm + HRA
Essential Qualifications	<b>For SRF:</b> M.Tech./M.E. or equivalent degree in Metallurgical Engineering/ Materials Science/ Ceramics Engineering/ Mechanical Engineering or related areas.  <b>For RA:</b> PhD degree in Metallurgical Engineering/ Materials Science/ Ceramics Engineering/ Mechanical Engineering or related areas.
Age Limit	Preferably below 35 years
Desirable	Experience in some of the following areas: powder metallurgy, sintering, microstructural study, metallography practices, heat treatments, mechanical testing. Experience in working with powders, ceramics, composite materials, fiber handling, etc.. Experience in handling various material characterization, processing and testing equipment, etc.

**Please 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/1FAIpQLSe9ilNwR23FW7GEFELjST20s85Ecqcn7MRKRN1vXnf4uyFMcw/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSe9ilNwR23FW7GEFELjST20s85Ecqcn7MRKRN1vXnf4uyFMcw/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.