



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

Date of Advertisement: October, 12th Nov., 2021

Subject:

Advertisement for the post of Senior Research fellow (No. of Post: One) for three year

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

Project Title	“Development of fibers reinforced alumina and zirconia matrix composites for high temperature applications”
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	Senior Research Fellow
No. of Post	One
Period of Appointment	The appointment will be initially for a period of Eleven months and based on performance, the appointment could be extended yearly basis till the end of the project (3 years). The selected candidates will be eligible for Ph. D registration if they satisfy all the criteria of IIT Hyderabad.
Remuneration	INR 35000/- pm + HRA
Essential Qualifications	M.Tech./M.E./ or equivalent degree in Metallurgical Engineering/ Materials Science/ Ceramics Engineering/ Mechanical Engineering (with specialization in Composite Materials)/ or related areas.
Age Limit	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. Experience in handling various material characterization, processing and testing equipment, etc.

Note:

1) Interested applicants should **apply online** only by **25th November, 2021**, through the online google form:

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, if number of applications are large. For any query in this regard, candidates may write to Prof. Bharat B. Panigrahi, Principal investigator (Email: bharat@msme.iith.ac.in), Department of Materials Science and Metallurgical Engineering.