

Date: 30-12-2019

## Advertisement for the Post of JRF in SERB Sponsored Project

Applications are invited for the following assignment on a purely time-bound research project undertaken in the Department of Mechanical and Aerospace Engineering of Indian Institute of Technology Hyderabad.

1.	Name of the post	Junior Research Fellow (JRF)
2.	Number of posts	One (01)
3.	Name of the research project	Real time monitoring and control of cooling rates in laser based additive manufacturing for ensuring microstructural homogeneity, controlling dimensional accuracy, micro-cracks and delamination, and investigating their effects on the mechanical properties of fabricated components
4.	Name of the sponsoring agency	Science & Engineering Research Board (SERB) (A statutory body of the Department of Science & Technology, Government of India)
5.	Duration of the position	One (01) year, extendable to two (02) years (Renewal will be done after one year subjected to satisfactory performance and continued funding availability)
6.	Emolument	INR 31,000 per month consolidated (No HRA)
7.	Essential Qualification	<ul style="list-style-type: none"> <li>▪ M.E/M. Tech in Mechanical or Production Engineering with 60% marks or Equivalent CGPA.</li> </ul>
8.	Desired Qualification	<ul style="list-style-type: none"> <li>▪ Preference shall be given to the candidate with prior knowledge and experience on laser based additive manufacturing or laser material processing.</li> <li>▪ Prior Knowledge on CAD software.</li> </ul>
8.	Last Date for Application	16-01-2020

- Eligible applicants should send the following documents via email to [mgopinath@iith.ac.in](mailto:mgopinath@iith.ac.in) with the subject of email as “JRF SERB” on or before 16<sup>th</sup> January 2020.
  1. Latest CV
  2. Scanned copy of degree and grade sheets / transcripts
  3. A two page (max) abstract on their research or M. Tech project
- **Accommodation & HRA:** This position does not offer accommodation nor HRA
- Candidates will be shortlisted for interview based on their merit and need of the project, and will be informed via mail.
- Shortlisted candidates will be invited for interview at IIT Hyderabad. Tentative date of interview is 24<sup>th</sup> January 2020.
- No TA/DA will be provided for attending the interview.
- The position will remain open if no suitable candidate is found.

*M. Gopinath.*

**Dr. M Gopinath (PI)**  
**Department of Mechanical & Aerospace Engineering**  
**IIT Hyderabad**