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**Date of Advertisement: 8<sup>th</sup> February 2021**

**Subject: Advertisement for the post of JRF on a DST SERB funded project**

Applications are invited from candidates with excellent academic credentials for the position of Junior Research Fellow (JRF) in a DST SERB sponsored research project titled, “*Connecting operating variables, cone/jet features and mesh properties in electrospinning: using experiments and modelling to bridge theory and applications*” at IIT Hyderabad.

<b>Project investigators</b>	Principal investigator: Dr. Satyavrata Samavedi, Chemical Engineering, IIT Hyderabad Co-Investigator: Dr. Harish Dixit, Mechanical and Aerospace Engineering, IIT Hyderabad
<b>Position</b>	Junior Research Fellow (one vacancy)
<b>Essential criteria for applicants</b>	<ul style="list-style-type: none"> <li>• M.Tech or M.E. (First class) in Chemical Engineering or allied areas such as Polymer Engineering, Polymer Science and Technology and Nanotechnology.</li> <li>• Minimum aggregate of 80% or CGPA of 8.0 and above in the M.Tech or M.E. degree.</li> <li>• Candidate’s age not to exceed 28 years as on the date of this advertisement.</li> </ul>
<b>Desirable criteria for applicants</b>	<ul style="list-style-type: none"> <li>• Motivation to work in an engaging academic environment on an experimental project that also offers scope for theory development. Strong fundamentals with an interest in polymers/nanofibers. Experience with experimental work in related areas is also desirable.</li> <li>• Valid GATE score is not mandatory but desirable.</li> </ul>
<b>Period of appointment</b>	Initial appointment will be made for a period of 11 months, and based on performance, the appointment will be extended. The full duration of the project is approximately 3 years. Upon satisfactory progress and fulfilling the criteria set by the Department of Chemical Engineering, the selected candidate can register for a Ph.D. degree in Chemical Engineering at IIT Hyderabad.
<b>Remuneration</b>	Rs. 31,000 per month for the first two years, and Rs. 35,000 per month in the third year. HRA will be paid as applicable, and as per existing norms.
<b>How to apply</b>	Eligible applicants should send a copy of their Curriculum Vitae along with copies of M.Tech/M.E. transcripts and certificates to <a href="mailto:ecmlabiith@gmail.com">ecmlabiith@gmail.com</a> with e-mail subject <b><u>JRF DST SERB</u></b> on or before <b><u>1<sup>st</sup> March 2021</u></b> .
<b>Selection procedure</b>	Candidates will be short-listed based on their academic record, and only short-listed candidates will be intimated via e-mail for an <b><u>online interview with a selection committee in March 2021</u></b> . Please note that merely meeting the essential criteria does not guarantee a call for an interview. The PIs reserve the right to leave the position vacant if no suitable candidate is found.