



Dr R Sujith,
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Call for Junior Research Fellow for a DST-SERB Project

Applications are invited from suitable candidates for **Junior Research Fellow (JRF) [1 No.]** to work on the following project sponsored by **DST-SERB**, under the supervision of Dr Sujith R, Department of Mechanical Engineering, BITS-Pilani, Hyderabad campus. This project is about developing micro and mesoporous materials for hydrogen storage applications. The project involves synthesis of the porous adsorbents and characterizing the adsorption properties. As part of the project it is also planned to determine the optimum porous conditions required for achieving the desired storage conditions.

Title of the project: **Development of mesoporous materials with enhanced hydrogen uptake for fuel cell vehicles.**

Duration: **3 years**

Fellowship amount: **31,000 Rs/- for the first 2 years and 35,000 Rs/- for the third year.**

Eligibility requirement: **ME/M.Tech in Mechanical Engineering** related streams with a valid **GATE** score.

Desired expertise: **Materials Processing & Characterization, Knowledge about ANN & Image processing**

Upper age limit: **30 years**

Application procedure: Interested candidates with the above mentioned qualification can send the applications on a plain paper giving detailed information about the educational qualifications, research experience and published research papers if any, by **15-01-2021 (last date)**, to the Principal Investigator, Dr. Sujith R **via email: sujith@hyderabad.bits-pilani.ac.in**. Please note that only qualified and suitable candidates will be called for interview and the interview will be held through **google meet**.

Selected candidate may be permitted to register for Ph.D programme of BITS, Pilani, subject to the fulfillment of the requirements.

Dr. Sujith R
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