

ADVERTISEMENT

Applications are invited from Indian nationals for the position of **Junior Research Fellow (JRF)** to work on a DST Project (CRG/2018/000265), titled "**Investigations into the correlations between porosity, mechanical properties and performance of supercapacitors based on vertically aligned carbon nanotube arrays**". It may be possible for selected candidate to register for PhD program as per existing institute rules.

Post-1: Junior Research Fellow (JRF)

Position: 1.

Duration: 3 years or till the completion of the project, whichever is earlier. However, after every year, the progress of the candidate will be reviewed for further extension.

Emoluments: 31000 pm + HRA (as per DST rules if applicable).

Essential Qualifications:

Post Graduate degree (M.Tech.) in Mechanical/Materials/Physics/Energy or Equivalent professional course selected through UGC-NET/GATE.

OR

Graduate degree (B.Tech.) in Mechanical/Materials/Physics with a valid GATE/ UGC-NET score.

Desirable: Since the project involves development of supercapacitor based on vertically aligned carbon nanotubes. The candidate earlier worked on supercapacitor, chemical vapor deposition, and capacitance-voltage measurements will be given a preference.

The applicants must send the following documents latest by **July 26, 2019** through an e-mail at prabhat@iitrpr.ac.in. Please include DST project on VACNTs in the subject line of your email.

- A one page cover letter describing your suitability to the post.
- Curriculum Vitae with complete qualification and experience details.
- Copy of valid GATE score for candidates with B.Tech. degree.

The shortlisted candidates shall be called for interview. Please note that no TA/DA will be given to the candidates attending the interview.

For any related query, please contact

Dr. Prabhat K Agnihotri (PI)

Assistant professor

Department of Mechanical Engineering

Indian Institute of Technology Ropar

RUPNAGAR-140001 (Punjab)

Tel: +91-8146885257

Email: prabhat@iitrpr.ac.in

Webpage: <http://www.iitrpr.ac.in/smmee/prabhat/>
<https://sites.google.com/iitrpr.ac.in/madmatlab/home>

JRF link: <http://www.iitrpr.ac.in/jobs/project-positions>