

## ADVERTISEMENT

Applications are invited from Indian nationals for the position of **Junior Research Fellow (JRF)** to work on a DST Project (ECR/2015/000177), titled " **Soot Particle Number Emission Characterization and Investigation of Load Constraints in Reactivity Controlled Compression Ignition (RCCI) Engines** ". 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:** 25000 pm + HRA (as per DST rules if applicable).

#### **Essential Qualifications:**

Post Graduate degree (M.Tech.) in Mechanical/ Automobile Engineering or Equivalent.

**OR**

Graduate degree (B.Tech.) in Mechanical/ Automobile Engineering with a valid GATE score.

**Desirable:** Since the project involves experimental work on engine test rigs, candidates who have earlier worked on the engine experimental test setups will be given a preference.

The applicants must send the following documents latest by **October 15, 2016** through an e-mail at [rakesh.maurya@iitrpr.ac.in](mailto:rakesh.maurya@iitrpr.ac.in). Please include DST project on Soot particle number 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.
- Reference letter from at least one referee.

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. Rakesh Kumar Maurya (PI)**

Assistant professor

Department of Mechanical Engineering

Indian Institute of Technology Ropar

RUPNAGAR-140001 (Punjab)

Tel: +911881-242257

Email: [rakesh.maurya@iitrpr.ac.in](mailto:rakesh.maurya@iitrpr.ac.in)

Webpage: <http://www.iitrpr.ac.in/smmee/rakesh.maurya>

<https://sites.google.com/site/rkmjvk/home>