

**INDIAN INSTITUTE OF TECHNOLOGY ROPAR  
ADVERTISEMENT**

Applications are invited from Indian Nationals for the following position of JRF in the project entitled "**Mitigation of common mode issues in SiC converter fed induction motor drive**". Apart from intense knowledge in power electronics, the project requires experience in power electronics related hardware, PCB design and good mathematical aptitude and maturity.

**Minimum Eligibility:** MTech or BTech with GATE qualification, BTech - Electrical Engineering, MTech - Power electronics and Drives.

**Desirable:** MTech with at least 70% aggregate marks or 8 out of 10 CGPA or BTech with minimum 2 years experience in similar projects. Students who have specialised or carried out a similar projects/experience will be given the preference.

**Emoluments:** As per DST rules for JRF / Rs. 25,000 per month ,

**Duration of contract: 3 years**

**Application Process:**

- 1) A summary sheet, containing
  - (a) Education qualifications, percentage marks and expertise.
  - (b) Detailed biodata.
  - (c) Photocopies of certificates/mark sheets (10th onward).
  - (d) Details of the entrance exams cleared (Gate qualifications preferably).
  - (e) A statement of purpose indicating your interest in academic research, emphasizing your areas of interest, skillsets and future plans.

All the above should be sent as a single pdf document via email to [kalaiselvi@iitrpr.ac.in](mailto:kalaiselvi@iitrpr.ac.in) on or before 10th October 2018, with the subject line as "JRF Application for DST Project".

- 2) Two letters of recommendation should be sent by your professors directly to the mail id [kalaiselvi@iitrpr.ac.in](mailto:kalaiselvi@iitrpr.ac.in) on or before 10th October 2018

**General Guidelines:**

- 1) Ensure that you get an acknowledgement within one working day after sending your email. Please send us a reminder in case you don't get an acknowledgement via email.
- 2) Interviews will be held in the month of October, the exact date, time and venue will be communicated via email.
- 3) No TA/DA will be provided.
- 4) The position is temporary which will be renewed every year subject to satisfactory performance.

*Kalaiselvi*  
18/9/18