



# DEPARTMENT OF ELECTRICAL ENGINEERING

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY

South Ambazari Road, Nagpur – 440 010 Maharashtra

Advertisement

Date: 20/07/2019

## Call for the position of Junior Research Fellow for the DST SERB Project on

### Design and Development of an Experimental Test Bench Setup of Electric Vehicle

Reference:

ECR/2017/001306/ES

Applications are invited from motivated and eligible candidates for the position of Junior Research Fellow (JRF) for the Department of Science and Technology (DST-SERB), MHRD funded research and development Project on “*Design and Development of an Experimental Test Bench Setup of Electric Vehicle*”.

#### Essential Qualification

M.Tech/M.E. (qualified GATE) with thesis in the area of power electronics based system.

#### Desirable Qualification

Analytical and experimental activities during M.Tech for the development in power electronics based system; knowledge and experience with technical software/tools for the simulation studies. Knowledge of Photovoltaic system and storage system such as battery and ultracapacitors. Candidate should have conducted electrical machine laboratory or power electronics laboratory as a TA work. Also candidate should have sound knowledge to develop hardware including control systems.

#### Fellowship

Rs. 25,000p.m. (Consolidated)

#### Duration

Maximum duration of the project is 12 Months. At the beginning assignment will be for six months, which can later be extended every six months up to completion of project. The extension shall be solely based on satisfactory performance.

#### How to apply

Completely filled, duly signed application form must be submitted as per the template provided on the link via email and by post to the address as mentioned below by **August 5, 2019**. Shortlisted candidates will be intimated through email by **August 6, 2019**. Shortlisted candidates will have to report for interview on **12<sup>th</sup> August, 2019** (9:00AM) in Electrical Engineering Department, VNIT Nagpur.

Application forms can be downloaded from the institute website.

#### Note

1. No TA/DA will be paid to appear for interview.
2. Decision of Director VNIT Nagpur will be the final in all respect.

#### Correspondence address: (PI)

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**DIRECTOR (VNIT, NAGPUR)**