



## Department of Electrical and Electronics Engineering National Institute of Technology Karnataka, Surathkal

### Advertisement for Research Intern - Mechanical Engineer

Applications are invited for the position of **Visvesvaraya Research Intern-EEE (Mechanical Engineer)** under **Visvesvaraya Research Fellowship**. As a part of this role, the intern will carry out cutting edge research in the area of development of assistive devices for rehabilitation. The work is carried out in collaboration with Kasturbha Medical College (KMC) Mangalore and will include design, analysis, fabrication and testing of the mechanical parts of the equipment with sensors and motors mounted on it. The intern is expected to carry out high impact research, publish and present results in top conferences/workshops and journals in the area. Details follow.

**Scheme title:** Visvesvaraya Young Faculty Research Fellowship scheme, MieTy, GoI.

**Name of the position:** Visvesaraya Research Intern - EEE (Mechanical Engineer)

**Number of positions/vacancies:** 01 (One)

**Principal Investigator:**

Dr. Krishnan C. M. C.

Department of Electrical and Electronics,  
NITK Surathkal, Mangalore, India

E-mail: [cmckrishnan@nitk.edu.in](mailto:cmckrishnan@nitk.edu.in),

Phone: 9535647422 (Mob), 0824-2473483 (Office), 0824-2473045 (EEE Department)

### Essential Qualifications

1. B.E/B.Tech in Mechanical/Mechatronics Engineering / related disciplines - minimum 60% aggregate percentage or 6.5/10 CGPA

### Desired Skills

- Sound knowledge in the area of mechanical design, finite element method
- Proficiency in computer aided design using CATIA, Solid works, Autocad
- Knowledge in fabrication and mechatronics related work using sensors and motors.

- Proficiency in simulation using ANSYS software
- Qualified GATE examination.

## Salary and Duration

- INR 15000 per month (consolidated).
- This position is valid for one year and can be extended beyond, subject to annual performance review.

## How to apply

You are required to fill-up the details through a google form link: <https://forms.gle/hTmEJZRAXF9D3Wd96> .

In the google form, there is a field to furnish a google drive link where you can keep the documents pertaining to the application (such as CV, transcript copies etc. as given below). The google form should be filled **on or before 16<sup>th</sup> September, 2019 (Monday)**.

Written Test/Interview details will be emailed to suitable candidates only. TA/DA will not be paid for attending the interview. The position is available immediately. The appointment will be on a purely temporary basis.

## Required details for application

*(To be kept in the applicant's google drive folder and the link to be shared in the google form so that it can be downloaded)*

- Applicant's latest CV with a passport sized photograph (desirable to include links to your LinkedIn profile and any other information that might be useful).
- Scanned copies of educational certificates and mark sheets, class X onwards.
- Scanned copies of Proof of experience, achievements and publications, if any.