



WALK-IN INTERVIEW FOR JUNIOR RESEARCH FELLOW

With reference to above, walk-in interview shall be conducted for the position of Junior Research Fellow (JRF) in a research and development project (**DST/SEED/TIDE/2019/644/G**) with following details:

Title of the project:

“Design and Development of Semi-active Prosthetic Knee using costeffective Magneto Rheological Brake to assist Trans-femoral Amputees”

Name of the position: Junior Research Fellow (JRF)

No. of Positions/Vacancies: One

Tentative date & time of interview: **06th March, 2023, at 9:00 AM** (reporting time)

Venue: Dept. of Mechanical Engineering, NITK.

Qualifications:

Essential Qualifications:-

- Candidate with **B.E./B.Tech** in Mechanical Engineering / Electrical Engineering and other allied disciplines in first division. Candidate must have qualified GATE examination. (old gate score is also considered).

(OR)

- **M.Tech./M.E.** in Machine design / Thermal Engineering/ Mechatronics / Control Engineering / Vehicle Dynamics / Automobile Engineering / Machine Dynamics or any other allied areas with a first division in both graduate and post graduate degrees. Candidate must have qualified GATE examination (old gate score is also considered).

Desired Skills:-

- Basic exposure to software such as MATLAB, ADAMS, ANSYS, Labview.
- Ability to work in a team, good communication skills and experience in experimental research for fabrication of setup.

Age Limit:-32 years (Preferrable)

Salary:-

- **Rs. 31,000/month (for JRF) + HRA (16%)**

Duration: 01year (approx.) or up to the termination of project, subject to annual performance review.
The candidate is encouraged to apply for Ph.D. at NITK, Surathkal.

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Documents needed during interview: Interested candidates must bring the following documents (1) Cover letter (2) Bio-data with passport-sized photograph, (3) Original copies of educational certificates and mark sheets (class XII onwards) (4) GATE qualified certificate and (5) Proof for research experience, special achievements and publications, if any.

The soft copies of all the above documents (pdf format) can be **emailed to the P.I., Dr. Hemantha kumar (hemantha@nitk.edu.in) a day prior to interview, if possible.** The position is available immediately. The appointment will be on a purely temporary basis co-terminus with the project.

If there are any issues, please contact, Principal Investigator:

Dr. Hemantha Kumar,

Associate Professor, Department of Mechanical Engineering,

National Institute of Technology Karnataka, Surathkal, Mangalore-575025,

Ph: +918762709897

Email: hemantha@nitk.edu.in