



**Department of Mechanical Engineering**  
**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL**

**Advertisement for the position of Junior Research Fellow (JRF)**  
**(Ref No. NITK/ ME/3196/2020 Dt 23/12/2020)**

**Date: 11/01/2020**

Applications are invited for the position of **Junior Research Fellow (JRF)** in a Research and Development project (Ref. No. **DEBEL/21CR0003/BMT/20-21/LP**) with the following details:

**Name of the position: Junior Research Fellow (JRF)**

**No. of Position: 01 (One)**

**Title of the project: “Modeling and simulation of various control strategies and demonstration of control technology”**

**Principal Investigator: Dr. K.R Guruprasad**  
Associate Professor, Dept. of Mechanical Engineering  
NITK Surathkal , Mangalore-575025, Karnataka.  
Email: krgprao@nitk.edu.in Ph: +91 9449378018

**Qualifications required:**

**Essential Qualifications:**

B.E/B.Tech in Electrical Engineering or equivalent disciplines with a minimum of 80% aggregate score (8/10 CGPA).

**Desired skills:**

- Strong foundations in Dynamic Systems & Control Engineering and Robotics: mechanics and control.
- Expertise in modeling and simulation of control of dynamic systems in MATLAB/Simulink, ROS/Gazebo, or similar platforms.
- Ability to work in a team and good communication skill

**Age Limit:** The upper age limit shall be **25 years**

**Salary: Rs. 31,000 / month + HRA**

**Duration:** 18 months or up to the termination of the project, whichever is earlier, subject to annual performance review.

**How to apply:** Interested candidates must apply with the following documents; (1) Cover letter, (2) Bio-data with passport-sized photograph, (3) Scanned copies of educational certificates and mark sheets, class X onwards, and (4) any other documents in candidate's support. The soft copies of all the above documents (pdf format) must be E-mailed to [krgprao@nitk.edu.in](mailto:krgprao@nitk.edu.in) (Dr. K.R Guruprasad) by **13th January 2020**. Only shortlisted candidates will be intimated by E-mail and called for online interview. The selected applicant must immediately report for the duty. The interview will be held during **January 2020**. The appointment will be on a purely temporary basis co-terminus with the project.