



## 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/SERB/CRG/2022/005335**) with following details:

**Title of the project:**

**“Synthesis of Intelligent Nanostructured Materials via a Plasma Source based Digital Nano-manufacturing Method and their Characterization”**

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

**No. of Positions/Vacancies:** One

**Date & time of interview:** **May 01, 2024 at 9:00 AM** (reporting time)

**Venue:** Dept. of Mechanical Engineering, NITK.

**Qualifications:**

**Essential Qualifications:-** Candidate with **B.E./B.Tech** in Mechanical/Production Engineering/Automobile Engineering/ Mechatronics Engineering/ Metallurgy Engineering/Industrial Engineering/ Electrical Engineering/Electronics and Communication Engineering/Chemical Engineering and other allied disciplines with a minimum of 60% aggregate score (6.5/10 CGPA). Candidate must have qualified GATE examination. (Old GATE score is also considered).

**(OR)**

**M.E./M.Tech.** in Manufacturing/Production Engineering /Welding Technology/Machine Design / Mechatronics / Power Electronics / Control Engineering / Automobile Engineering / Machine Dynamics / Chemical Engineering and 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, ANSYS, COMSOL.
- Ability to work in a team, good communication skills, experience in experimental research for fabrication of setup and characterization of the products.

**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 M.Tech (Research)/Ph.D. at NITK, Surathkal.

**How to apply:** Interested candidates must apply with the following documents (1) JRF Application Form, (2) Cover letter, (3) Bio-data with passport-sized photograph, (4) Scanned copies of educational

certificates and mark sheets, class XII onwards (5) GATE qualified certificate and (6) Scanned copies of 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. Ranjeet Kumar Sahu ([ranjeetsahu.j@nitk.edu.in](mailto:ranjeetsahu.j@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. Ranjeet Kumar Sahu,

Assistant Professor (Grade-1),

Department of Mechanical Engineering,

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

Ph: +91 9182679250

Email: [ranjeetsahu.j@nitk.edu.in](mailto:ranjeetsahu.j@nitk.edu.in)