



**DEPARTMENT OF METALLURGICAL & MATERIALS ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL**

**Srinivasnagar – 575 025, Dakshina Kannada District,
Karnataka State, India**

Department of Metallurgical and Materials Engineering, NITK-Surathkal, invites applications for a Research Assistant post to work on an industrial sponsored R & D project with the following details.

Project Title	Life Extension of K-Type Thermocouples
Sponsoring Agency	Mangalore Refinery and Petrochemicals Ltd.
Principal Investigator	Dr. Subray R. Hegde, Assistant Professor, MME, NITK
Research Assistantship	Rs. 31,000/- per month for first year, and Rs. 35,000/- per month after the first year + 16% HRA (if the candidate chooses to live outside the campus)
Essential Qualifications	First Class BE/BTech in Metallurgical/Mechanical Engineering or equivalent with at least one year experience in industrial/engineering problem solving in a professional organization.
Desired Qualification	<ol style="list-style-type: none">1. In-depth knowledge of mechanical behaviour of materials2. Passion for solving real-life engineering problems3. Experience in Engineering Failure and Root-Cause Analysis4. Exposure to Solid-Mechanics based Stress Analysis5. FEM based Simulation/Computational skills6. Materials Processing/Testing/Characterization skills
Selected candidate is expected to register for a research programme (PhD/MTech-by-Research) at NITK. Second/Final Year MTech (Mechanical/Metallurgical/Materials Engineering) students may apply.	

Interested candidates are invited to send CV and scanned copy of degree certificate to Dr. Subray R Hegde (hegdesr@nitk.edu.in) on or before 10th July 2019. Selection will be based on qualification, experience, and performance in the interview. Candidates need to bring their degree certificates, grade cards/transcripts, published papers, and other relevant documents at the time of interview. Shortlisted candidates will be informed by E-mail/Phone to attend the interview – no TA/DA will be paid.

NITK-Surathkal reserves the right to reject any/all of the applications without assigning any reasons thereof.

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