



DEPARTMENT OF MECHANICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL, MANGALORE-575025

Advertisement No: NITK/ME/DST/JRF/2/2/2024

Date: 25/04/2025

ADVERTISEMENT FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)

Applications are invited from eligible Indian nationals for the post of Junior Research Fellow (JRF) in a time bound DST sponsored project undertaken in the Department of Mechanical Engineering of the Institute. The details are as follows.

Project Title	Development of Adrenaline Auto Injector Prototype for Intramuscular use in Serious Allergic Reactions
Funding Agency	MAHE, DST, Govt. of India
Temporary Positions	Junior Research Fellow (JRF) – 2
Consolidated monthly Fellowship	Rs. 37,000 + 18% HRA (Total: Rs. 43,660)
Principal Investigator	Dr. Sharnappa Joladarashi
Department/Centre	Dept. of Mechanical engineering
Duration	1 year
Qualification and Experience	B.E/B.Tech in Mechanical engineering or E&C engg or in related disciplines with qualified GATE score of any year and consistently good academic record. The candidate should have in-depth knowledge in Design modelling and analysis softwares. Experience in implementing additive manufacturing concept (3D printing) in projects is an additional requirement and Engineering materials, Bio-medical materials knowledge is preferable. Candidate should have a qualified GATE score of any year , which would be relaxed in the cases of extremely good candidates.
More information	Selected candidates are encouraged to register for Mtech (R)/PhD at NITK Surathkal provided the candidate completes the academic and administrative requirements.

Interested candidates are invited to send a detailed CV in the prescribed format along with scanned copies of relevant certificates, grade/mark sheets, publications etc. to Dr Sharnappa Joladarashi (sharnappaj@nitk.edu.in) on or before **May 10th, 2025**. In the subject of the mail, please mention "Application for JRF-DST-MAHE". Also fill the google form, <https://forms.gle/1ag6gjwezSnBcDSt6/> before sending your application.

The shortlisted candidates will be informed via E-mail/Phone. Selection will be based on qualification, experience and interview. NITK Surathkal reserves the right to reject any or all the application/s without assigning any reasons thereof.

APPLICATION FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)

NAME						Recent Photo
ADDRESS						
EMAIL						
PHONE(MOBILE)						
Date of birth						
Gender						
Educational Qualifications						
Degree	Specialization	College and University	Marks/CGPA	Class / Division	Year of passing	
10 th						
12 th						
B.E / B.Tech						
M.E/ M.Tech						
If any other						
GATE Score						
Work experience / Achievements (if any)						
Sl.no.	Duration	Organisation	Designation	Nature of work		
Publication details (if any)						
Motivation to apply for this position						

All the above information provided by me is true to the best of my knowledge and I understand that, if found incorrect, I may be disallowed to appear in the interview/test

Place :

Date:

Signature of the candidate