



**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA
SURATHKAL MANGALURU-575025, KARNATAKA, INDIA**

Ref. No. CRG/2021/001084

Date: 29/05/2024

Advertisement for Junior Research Fellow (JRF)

Applications with complete biodata are invited for the position of Junior Research Fellow (JRF) in a research and development project funded by the **SERB-Core Research Grant** by Ministry and Department of Science and Technology, Govt. of India for the duration of **3 years (2022-2025)** with the following details:

Title of the Project: "Prawn shell-derived natural protein-based highly efficient UV protection coating for drug products".

Principal Investigator:

Dr. Saumen Mandal,
Associate Professor,
Department of Metallurgical and Materials Engineering,
National Institute of Technology Karnataka, Surathkal, Mangalore-575025,
Ph: 7899493903
Email: smandal@nitk.edu.in;

Co-Principal Investigators:

Dr. Saikat Dutta,
Associate Professor,
Department of Chemistry,
National Institute of Technology Karnataka, Surathkal, Mangalore-575025,
Ph: 7899495023
Email: sdutta@nitk.edu.in;

Name of the Post: Junior Research Fellow (JRF)

No. of Positions/Vacancies: ONE

Qualifications:

Essential Qualifications: -

M.Tech./M.E. in Metallurgical & Materials Engineering/ Materials Engineering / Metallurgical Engineering / Nanotechnology/ Chemical Engineering/ Polymer Science & Technology/ Biotechnology/M.Sc. in Chemistry (Organic Chemistry, Industrial Chemistry, or similar)/M.Sc. in Physics (Nanomaterials, Condensed matter or similar)/M.Sc. in Botany/M.Sc. in Zoology and allied areas with a minimum of 60% aggregate score (6.5/10 CGPA).

Candidate must have qualified GATE examination (old gate score is also considered).

Proof of M.Tech./ M.E/M.Sc. degree (awarded) has to be provided during the interview.

Age Limit:- Not more than 32 Years. Age relaxation for reserved category as per SERB-DST, GoI norms.



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA SURATHKAL MANGALURU-575025, KARNATAKA, INDIA

Duration: Up to 27th February 2025. The candidate is encouraged to register for PhD at NITK, Surathkal.

Fellowship: Rs. 37,000/- pm (consolidated)

How to apply: Interested candidates must apply by filling out the attached application form along 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) (4) GATE qualified certificate and (5) Scanned copies of proof for research experience, special achievements and publications, if any.

Important Note:

1. The soft copies of the application form and required documents (pdf format) must be **emailed to the P.I. (Dr. Saumen Mandal) on or before 15th June 2024**. The email address for correspondence is given above.
2. Only shortlisted candidates will be intimated by email and called for an interview. The position is available immediately.
3. The appointment will be on a purely temporary basis co-terminus with the project.



**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA
SURATHKAL MANGALURU-575025, KARNATAKA, INDIA**

APPLICATION FOR THE POST OF JUNIOR RESEARCH FELLOW

For Office Use:	Paste your recent Passport size photo
Serial Number:	
Eligible for Written exam/Interview: Yes / No	
Verified the Certificates:	

1. Name:	
2. Father's Name:	
3(a). Date of Birth: (DD/MM/YYYY)	3(b). Nationality:

4. Contact information:

(i) Address for communication:	
(ii) Mobile No:	
(iii) Email ID:	

5. Educational Qualifications[±]

Class	Subject/ Stream	Board/ University	Name of Institute	Marks/ CGPA	Year of Passing
X					
XII					
B.E/B.Tech.					
M.E/M.Tech.					



**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA
SURATHKAL MANGALURU-575025, KARNATAKA, INDIA**

Competitive Exam	Qualified	Marks / Rank	Year
CSIR-UGC NET	Yes / No		
GATE	Yes / No		

*Attach self-attested copies of all certificates.

6. Work Experience, if any (in years)

Organization	Designation	Duration	Responsibilities

7. Number of Publications: (Attach a separate list of publications with full details)

National	International

8. Workshop/Training programs attended*:

Sl. No.	Details

*Attach separate sheet (if required)

9. Other Achievements*:

Sl. No.	Details

*Attach separate sheet (if required)

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

Date:

Place:

Signature of the Candidate

Note: Attach the list of enclosures along with the application.