



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

Ref. No. CRG/2022/009346/JRF

Date: 27/12/2022

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: “Novel catalytic conversion of chitin biomass to furanics and levulinates via 5-(acetoxymethyl)furfural for a shell biorefinery”.

Principal Investigator (P.I.):

Dr. Saikat Dutta,

Assistant 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.Sc. in Chemistry (General) or with Organic Chemistry specialization. A minimum of 60% aggregate score (6.5/10 CGPA).

Candidate must have qualified GATE/NET examination. Proof of the M.Sc. degree (awarded) and GATE/NET qualification must be provided during the interview.

Age Limit: Not more than 30 Years. Age relaxation for reserved category as per SERB-DST, GoI norms.

Duration: **01 year** or up to the termination of the project, subject to annual performance review. The candidate is encouraged to register for PhD at NITK, Surathkal.

Fellowship: **Rs. 31,000/- per month (for JRF) + 16% HRA**

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 a passport-sized photograph, (3) Scanned copies of educational certificates and mark sheets (class-X onwards)



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(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. Saikat Dutta) on or before 23rd January, 2023**. The email address for correspondence is given above.
 2. Only shortlisted candidates will be intimated by email and called for examination and/or interview. The position is available immediately.
 3. The appointment will be on a purely temporary basis co-terminus with the project.
 4. After completion of two years and satisfactory performance, the JRF can be upgraded to SRF with the fellowship of **Rs. 35,000/- per month (for SRF) + 16% HRA** after successful assessment by the institution.
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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.					



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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.