



**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](mailto: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 15<sup>th</sup> 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**

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

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

**4. Contact information:**

<b>(i) Address for communication:</b>	
<b>(ii) Mobile No:</b>	
<b>(iii) Email ID:</b>	

**5. Educational Qualifications<sup>±</sup>**

<b>Class</b>	<b>Subject/ Stream</b>	<b>Board/ University</b>	<b>Name of Institute</b>	<b>Marks/ CGPA</b>	<b>Year of Passing</b>
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.