



**Department of Chemical Engineering**  
**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL**

**Advertisement for Junior Research Fellow (JRF) / Senior Research Fellow (SRF)**  
**(Ref No. NITK/ CH/2019-20/54)**

**Date: 01/07/2019**

Applications are invited for the position of **Junior Research Fellow (JRF) / Senior Research Fellow (SRF)** in a Research and Development project (Ref. No. CRG/2018/001462) with the following details:

**Name of the position: Junior Research Fellow (JRF) / Senior Research Fellow (SRF)**

**No. of Position: 01 (One)**

**Title of the project:**

**“Selective Extraction and purification of Commercially Valuable Pigment melanin from Cephalopod ink and its industrial effluent”**

**Principal Investigator:**

**Dr. I. REGUPATHI**

Associate Professor

Dept. of Chemical Engineering

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**Co- Principal Investigator**

Dr. Prasanna BD

Associate Professor

Dept. of Chemical Engineering

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Karnataka.

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**Qualifications:**

**Essential Qualifications:**

B.E/B.Tech and M.Tech/M.E in Chemical Engineering or Biotechnology or Industrial Biotechnology or Environmental Engineering or equivalent disciplines with a minimum of 60% aggregate score (6.5/10 CGPA). **Applicant must be selected through GATE or CSIR-UGC NET for their master degree.**

The applicants will be considered for Senior Research Fellow (SRF), if they have at least **two years of Research Experience after their post graduate degree (M.Tech/M.E).**

**Desired Skills:-**

- Exposure to the analytical Instruments like HPLC, LC-MS, FPLC, GC & GC-MS and regular laboratory analysis.
- Work experience related to characterization and analysis of bio-molecules.
- Ability to work in a team, good communication skills and experience in experimental research.

**Age Limit:**

- (a) The upper age limit shall be **32 years**
- (b) The upper age limit is relaxable upto 5 years in case of candidates belonging to scheduled castes/Scheduled Tribes/physically handicapped and female applicants whereas 3 years in case of OBC (Non-Creamy Layer candidates).

**Salary:** (i) **Rs.35,000 / month + HRA for Senior Research Fellow (SRF)**  
(ii) **Rs. 31,000 / month + HRA for Junior Research Fellow (JRF)**

**Duration:**

Three years or up to the termination of the project, subject to annual performance review.

**Note:** (i) The JRF/SRF is entitled to register for the Ph.D. programme at NITK- Surathkal.

(ii) The JRF is promoted to Senior Research Fellow (SRF) after the successful completion of Two years as JRF, subject to the performance review.

**How to apply:** Interested candidates must apply 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.

The soft copies of all the above documents (pdf format) must be E-mailed to [regupathi@nitk.edu.in](mailto:regupathi@nitk.edu.in) (Dr. I. Regupathi) by **15<sup>th</sup> July 2019**. Only shortlisted candidates will be intimated by E-mail and called for interview in person. No TA/DA will be paid for attending the interview. The selected applicant must immediately report for the duty. The interview will be held during **July 2019**. The appointment will be on a purely temporary basis co-terminus with the project.