



Department of Mechanical Engineering
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

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

Date: 24/04/2019

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

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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Name of the position: Senior Research Fellow (SRF)

No. of Position/Vacancy: 01 (One)

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 applicant should have completed at least **two years of post M.Tech/M.E Research Experience.**

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: Rs.35,000 / month + HRA

Duration: Three years or up to the termination of the project, subject to annual performance review. *The candidate is entitled to register for the Ph.D. programme at NITK-Surathkal.*

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 XII 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 (Dr. I. Regupathi) by **15th May 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 May/June 2019. The appointment will be on a purely temporary basis co-terminus with the project.