



NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769 008 (ODISHA)
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

ADVT NO:NITR/SR/BM-028/298

Dated: 31.05.2018

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the Department of Biotechnology & Medical Engineering of the Institute. Selected candidate may enroll in PhD program in the Department of Biotechnology & Medical Engineering, National Institute of Technology, Rourkela based on Institute norms and regulations.

1. Name of the Temporary Post : Junior Research Fellow (JRF)
2. Name of the Research Project : “Fermentation-assisted technologies for the enrichment and recovery of novel bioactive compounds from food Industry wastes in contaminated coastal regions of Odisha”
3. Name of Sponsoring Agency : Science and Engineering Research Board (SERB)
4. Tenure of the Project : 03 Years
5. Tenure of the Assignment : 03 Years
6. Job Description : To carry out fermentation with food-grade micro-organisms such as *Saccharomyces cerevisiae*, *Lactobacillus sp.* (*L. paracasei*, *L. rhamnosus*, *L. acidophilus*, *L. plantarum*) or using novel micro-organisms isolated from sea food samples for the production of bioactive compounds with food based applications.
7. Consolidated monthly compensation / Fellowship : Rs. 30,000/- (25000 + 20 % HRA for 1st & 2nd year) and Rs. 33,600/- (28000 + 20 % HRA for 3rd year). Based on the performance of the research work the fellowship will be converted into Institute fellowship as per Institute rule after project fellowship.
8. Essential Qualifications and experience : M.Tech in Biotechnology with 1st class. Candidate must have qualified the GATE examination.
9. Desirable Qualifications/ Experiences : Prior experience in working with bioreactor and HPLC is desirable, however, not mandatory.
10. Accommodation : Bachelor accommodation in the Institute may be provided subject to availability or HRA will be provided.

11. For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : Dr. Nivedita Patra
Address : Department of Biotechnology & Medical Engineering
NIT Rourkela – 769008
Telephone No : 0661 – 2462282 (O), 9717675633 (Mob.)
E-mail : patran@nitrkl.ac.in

Eligible persons may apply in the prescribed format (available in the Institute Website) affixed with coloured photographs to be submitted in duplicate along with photo copies of relevant certificates, grade/mark sheets, publications etc., to the **Asst. Registrar, SRICCE, National Institute of Technology, Rourkela – 769 008** on or before 15.06.2018, 5 PM and also attend the walk-in-interview for the post on 20.06.2018 at 10.00 AM in the Department of Biotechnology and Medical Engineering, NIT Rourkela. **The envelop cover should be super-scribed clearly with the post applied for & Name of the Project.** Mere possession of minimum qualification does not guarantee invitation to the interview. Candidate will be selected based on merit and need of the project.

Asst. Registrar (SRICCE)

Copy to:

1. All Heads of the Departments, NIT Rourkela for publication on Departmental Notice Boards.
2. Dr. Nivedita Patra, Principal Investigator with a request to give wide publicity to the advertisement.
3. Head of the Department, BM
4. Project file