



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

ADVT NO: NITR/SR/18/LS-002/288

Dated: 16.04.2018

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the Department of Life Sciences of the Institute. Selected candidate may enroll in Ph.D. Programme in the Department of Life Sciences, 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 : “Spatio-temporal mapping of membrane deformation induced by Amyloid-beta 40 during neurodegeneration”
3. Name of the Sponsoring Agency : Department of Biotechnology (DBT)
4. Tenure of the Project : 03 Years
5. Tenure of the Assignment : 03 Years
6. Job Description : To carry out research in the field of membrane deformation during neurodegeneration induced by Amyloid beta aggregation; Membrane-Protein Interactions; Membrane Biophysics.
7. Consolidated monthly compensation / Fellowship : Rs. 25,000/- (1<sup>st</sup> & 2<sup>nd</sup> year) and Rs.28, 000/- (3<sup>rd</sup> year). Based on the performance of the research work the fellowship will be converted in to Institute fellowship as per Institute rule after the project fellowship.
8. Essential Qualifications and experience : M.Sc., in Life Sciences/Biological Sciences/Biotechnology/Biochemistry/Biophysics or any discipline related to Life Sciences with 1<sup>st</sup> class. Candidate must have qualified the GATE/NITR/NET-Lectureship examination.
9. Desirable Qualifications/ Experiences : Prior experience in membrane-protein interactions, or protein biochemistry/biophysics is desirable, however, not mandatory.
10. Accommodation : Bachelor accommodation in the Institute may be provided subject to availability.

(P.T.O)

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

Name : Dr Mohammed Saleem

Address : Department of Life Sciences  
NIT Rourkela-769 008

Telephone No : 0661-2462781 (O), 9337781241, 8594827276 (Mob.)

E-mail : saleemm@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 **Asst. Registrar, SRICCE, National Institute of Technology, Rourkela-769 008** on or before **05.05.2018**. The envelope 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. Candidates will be short listed 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. Mohammed Saleem, Principal Investigator with a request to give wide publicity to advertisement.
  - 3) Head of the Department, LS
  - 4) Project file.