



**NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769 008(ODISHA)**

**SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION**

ADVERTISEMENT NO: NITR/SR/16/BM-24/160

Dated: 08.12.2016

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the Department of **Biotechnology & Medical Engg. (BM)** of the Institute.

1. Name of the Temporary Post : Junior Research Fellow - 01
2. Name of the Research Project : "Preparation of stable self-assembled hybrid nanostructure of bovine  $\alpha$ -lactalbumin and egg white lysozyme for the evaluation of anti-proliferative activity in multiple cancer cells: Study of simultaneous targeting, therapy and anticancer drug delivery application."
3. Name of the Sponsoring Agency : Science and Engineering Research Board (SERB), Department of Science and Technology
4. Tenure of the Project : Three Years
5. Tenure of the Assignment : Extendable annually till completion of project, subject to satisfactory performance.
6. Job Description : To carry out research work in line of the above project.
7. Consolidated monthly compensation / Fellowship : RS. 25000/- per month; 1<sup>st</sup> and 2<sup>nd</sup> year and Rs. 28000/- per month in 3<sup>rd</sup> year.
8. Essential Qualifications and experience : M.Tech/M.E.(after B.Tech/B.E.) in Biomedical/ Biotechnology/Nanotechnology/Chemical/Biochemical/Food Engg. or allied subjects with 60% marks or 6.5/10 CGPA at both B.E./B.Tech/ B.Pharm and M.E./M.Tech/M.Pharm levels. OR B.Tech/B.E/M.Sc in Biomedical/ Biotechnology/ Nanotechnology, Life Science or related subjects with valid GATE/NET score and CGPA above 7.0/10 or marks above 65%. M.Pharm followed by B.Pharm will also be eligible.
9. Desirable Qualifications/ Experiences : Two-year research experience in nanotechnology/protein chemistry, hands on experience in the animal tissue culture will be preferred, however, not essential. GATE qualified will be preferred.
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. Subhankar Paul**

Address : **Biotechnology & Medical Engg. (BM)**

**National Institute of Technology, Rourkela-769 008**

Tel.No. :**9438211334, 0661-2462284**

E-mail : **spaul@nitrkl.ac.in**

Eligible persons may apply in the prescribed format ([http://www.nitrkl.ac.in/Jobs\\_Tenders/5ProjectFellowships/Default.aspx](http://www.nitrkl.ac.in/Jobs_Tenders/5ProjectFellowships/Default.aspx) ) affixed with colored 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 **22.12.2016**. The cover should be super- scribed clearly the post applied for & Name of the Project. Shortlisted candidates will be informed for the date of interview.

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) Prof. S. Paul, Principal Investigator with a request to give wide publicity to advertisement.
- 3) Head of the Department, BM
- 4) Project file.