



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

Advt. No: NITR/SR/MA-012/335

Date: 24.11.2018

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the Department of Mathematics **(MA)** of the Institute.

1.	Name of the Temporary Post:	Junior Research Fellow (JRF) – 01
2.	Name of the Research Project:	A detailed study of convection-diffusion-reaction and the Stokes equations applied to the study of protein dynamics inside a cell
3.	Name of the Sponsoring Agency:	CSIR(Council of Scientific and Industrial Research)
4.	Tenure of the Project:	03 years (Nov 2018 to Nov 2021)
5.	Tenure of the Assignment:	03 years
6.	Job Description:	Besides the mandatory course work, the candidate expected to carry out research in theoretical & computation Mathematics. The candidate may register for Ph.D.at NIT Rourkela if he/she satisfies the institute criteria.
7.	Consolidated monthly compensation / Fellowship:	Rs.25,000/- per month (1 <sup>st</sup> and 2 <sup>nd</sup> year) Rs.28,000/- per month (3 <sup>rd</sup> year)
8.	Essential Qualifications and experience:	(i) M. Sc (Math) with 65% or 7 CGPA or equivalent (ii) Having an adequate knowledge in MATLAB (iii) NET/GATE qualification is mandatory
9.	Desirable Qualifications / Experiences :	Deep knowledge in Real Analysis & Algebra.
10.	Accommodation:	Accommodation in the Institute may be provided subject to availability.

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

Name : Prof. Debarjoyti Choudhuri  
Address : Department of Mathematics, National Institute of Technology  
Rourkela, Odisha 769 008.  
Telephone No : +91-661-246-2712 (Office)  
E-mail : choudhurid@nitrkl.ac.in

Eligible persons may apply in the prescribed format (available in the Institute Website) affixed with colour 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, Odisha - 769008** on or before **10.12.2018**. The cover should be super-scribed clearly the post applied for & Name of the Project. Shortlisted candidates will be informed about 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.

**Sd/-  
Asst. Registrar (SRICCE)**

Copy to:

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