



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

NITR/SR/2021/Advt-21MA049/L/064 dt. 31.01.2022

Applications are invited on prescribed format (On-line) for the following assignment in a purely time bound research project undertaken in the Department of Mathematics, NIT Rourkela. Selected candidate may enroll in Ph.D. Programme in the Department of Mathematics, National Institute of Technology Rourkela based on Institute norms and regulations.

1.	Project Code	SR/21/MA/049
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	"On the Existence of (Approximate) Fractional Revival in a Quantum Network Based on Finite Graphs"
4.	Name of the Sponsoring Agency	Science and Engineering Research Board (SERB)
5.	Tenure of the Project	02 years
6.	Tenure of the Assignment	02 years OR completion of the project, whichever is earlier.
7.	Job Description	Full time Research work on the Project. Scope to enroll as a Ph. D. Scholar in Department of Mathematics (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation / Fellowship	INR31,000 (1st & 2nd year)
9.	Essential Qualifications and experience	M.Sc. in Mathematics. First division/ First Class throughout career. NET/GATE qualified with a valid score.
10.	Desirable Qualifications / Exp.	Adequate knowledge in Linear Algebra and Graph Theory is preferable.
11.	Accommodation	Bachelor / Married 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 : **Dr. Hiranmoy Pal**
Address : Department of **Mathematics**
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. :
Mobile : **7002467349**
E-mail : palh@nitrkl.ac.in

Date and Time for **On-line** Interview: **Will be notified later through Email/SMS.**

Place of Interview: **Department of Mathematics, NIT Rourkela.**

The candidates are required to send the complete filled up application form (Soft copy) to

palh@nitrkl.ac.in.

The application form is available in the following link:

[http://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](http://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf)

which must be filled by candidates and also required to attach photocopies of all supporting documents, research papers (if any) etc.

Candidates will build a **Single PDF** file; it is to be sent to Principal Investigator (palh@nitrkl.ac.in) **on or before 18th February, 2022 23:59 HRS**. The candidates are also required to produce relevant documents mentioned in the application form [such as original of all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.] at the time of interview / joining. Selection / Joining will be canceled in case of any suppression of information / document provided earlier.

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 (SR)**

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on departmental notice boards.
- 2) **Dr. Hiranmoy Pal**, Principal Investigator with a request to give wide publicity to this advertisement.
- 3) Head of the Department, **MA**.
- 4) Project file.