



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

Advt. No.: NITR/SR/PH-061/2020/L/440

Date: 17-01-2020

Applications are invited on prescribed format for the following assignment in a purely time bound research project Code: SR/19/PH/061 undertaken in the **Department of Physics and Astronomy** of the Institute.

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|-----|--|---|
| 1.  | Name of the Temporary Post:              | Junior Research Fellow(JRF) –01   |
| 2.  | Name of the Research Project:            | <b>“Investigation of quantum effects in lossy waveguide arrays.”</b>  |
| 3.  | Name of the Sponsoring Agency:           | Science and Engineering Research Board (SERB), DST, Govt. of India  |
| 4.  | Tenure of the Project:                   | 3 Years   |
| 5.  | Tenure of the Assignment:                | 01 Year [Can be extended to further 02 years depending on satisfactory performance]   |
| 6.  | Job Description:                         | Research work related to aforementioned project and pursue PhD.   |
| 7.  | Consolidated monthly Salary/ Fellowship: | Rs.31000/-per month (1 <sup>st</sup> & 2 <sup>nd</sup> Yrs.) and Rs. 35000./-per month (3 <sup>rd</sup> yr.) (For GATE/NET qualified Candidates only)<br>Rs. 25000/-per month (1 <sup>st</sup> & 2 <sup>nd</sup> Yrs.) and Rs. 28000./-per month (3 <sup>rd</sup> yr.) (For Non Gate/Non NET candidate) |
| 8.  | Essential Qualifications and experience: | M.Sc. in Physics with at least 65% marks or 7/10 CGPA   |
| 9.  | Desirable Qualifications/ Experiences :  | Career 1 <sup>st</sup> Class, preferably with valid GATE/NET score  |
| 10. | Selection Process                        | Written test/Personal interview   |
| 11. | Accommodation:                           | Bachelor accommodation in the Institute may be provided and campus accommodation may be provided to married students subject to availability.   |

For technical information on the project, the candidate may contact the Principal Investigator at the following address **with an updated Curriculum Vitae**:

Name : **Prof. Amit Rai**  
Address : Department of Physics and Astronomy,  
National Institute of Technology, Rourkela, Odisha 769 008.  
  
Telephone No : 0661-246-2737 (O)  
Mobile : 70081 13987  
E-mail : [raia@nitrkl.ac.in](mailto:raia@nitrkl.ac.in)

Eligible candidates 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 10/02/2020**. The cover should be super- scribed clearly the post applied for & Name of the Project with code.

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. Amit Rai, PI with a request to give wide publicity to advertisement.
- 3) Head of the Department (PH).
- 4) Project file.