



Certified ISO 9001: 2015

**DEFENCE RESEARCH & DEVELOPMENT ORGANISATION**  
**Government of India, Ministry of Defence**  
**NAVAL PHYSICAL AND OCEANOGRAPHIC LABORATORY**  
 THRIKKAKARA P.O., KOCHI, KERALA – 682 021

Advt. No. NPOL/JRF/01/2024



**SELECTION FOR THE POSITION OF**  
**JUNIOR RESEARCH FELLOW (JRF)**

Applications are invited from candidates possessing requisite qualifications for the award of Junior Research Fellowships against positions vacant at present and anticipated to fall vacant at this Laboratory, in the subjects/disciplines as detailed below:-

Sl. No.	Type of Fellowship	Subject / Discipline	No of vacancies	Essential Educational Qualifications
1.	<b>JUNIOR RESEARCH FELLOW</b>	Electronics Engg / Electronics & Communication Engg (ECE) / Instrumentation Engg	02 - ECE*  01 - Instrumentation Engg.	BE/B.Tech in Electronics & Communication Engineering/Instrumentation Engineering in 1 <sup>st</sup> Division with valid <b>NET/GATE</b> qualification.  or ME/M.Tech in Electronics & Communication Engineering/Instrumentation Engineering in 1 <sup>st</sup> Division both at Graduate and Post Graduate level.
2.		Computer Science & Engineering	Anticipated	B.E/B.Tech in Computer Science in 1 <sup>st</sup> Division with valid <b>NET/GATE</b> qualification.  or M.E/M.Tech in Computer Science in 1 <sup>st</sup> Division both at Graduate and Post Graduate level.
3.		Chemical Engg/ Rubber Technology/ Polymer Technology/ Nanotechnology/ Materials Science	01*	BE/B.Tech in Chemical Engg / Rubber Technology / Polymer Technology / Nanotechnology / Materials Science in 1 <sup>st</sup> Division with valid <b>NET/GATE</b> qualification.  or ME/M.Tech in Chemical Engg/ Rubber Technology / Polymer Technology / Nanotechnology / Materials Science in 1 <sup>st</sup> Division both at Graduate and Post Graduate level.
4.		Oceanography/ Ocean Technology/ Meteorology	01	Post graduate Degree in Basic Science pertaining to the subject/discipline in 1 <sup>st</sup> Division with valid <b>NET</b> qualification.  or ME / M.Tech in Oceanography/ Ocean Technology/ Meteorology in 1 <sup>st</sup> Division both at Graduate and Post Graduate level
5.		Mechanical Engineering	01*	BE/B.Tech in Mechanical Engineering in 1 <sup>st</sup> Division with valid <b>NET/GATE</b> qualification.  or ME/M.Tech in Mechanical Engineering in 1 <sup>st</sup> Division both at Graduate and Post Graduate level.
6.		Opto Electronics	01*	BE/B.Tech in Opto Electronics in 1 <sup>st</sup> Division with valid <b>NET/GATE</b> qualification or ME/M.Tech in Opto Electronics in 1 <sup>st</sup> Division both at Graduate and Post Graduate level.  or Post graduate Degree in Basic Science (Opto Electronics) in 1 <sup>st</sup> Division with valid <b>NET</b> qualification.
7.		Physics	Anticipated	Post graduate Degree in Basic Science pertaining to the subject/discipline in 1 <sup>st</sup> Division with valid <b>NET</b> qualification.

**Note:**

- (\*) - These positions are likely to be available from July 2024
- The equivalent acceptable subjects/disciplines of essential educational qualifications shall be as per RAC, DRDO norms.
- For the above purpose, NET shall also include other relevant national level fellowships awarded by Central Government Departments/Agencies.
- The decision of Director, NPOL as to educational qualification(s) prescribed, its equivalence and relevance to the Laboratory shall be final.

**GENERAL CONDITIONS:**

- **Only candidates possessing the above mentioned qualification(s) need apply.** All the qualifications acquired should be from recognized Universities/Institutions. **NET/GATE qualification wherever prescribed should be valid as on closing date of receipt of application.** Candidates working in Government/Public sector undertaking/ autonomous bodies should apply through proper channel.
- **Upper Age Limit: 28 years** as on the closing date of receipt of applications. The upper age limit shall be relaxable to the candidates belonging to Scheduled Castes, Scheduled Tribes and OBC as per Government of India norms. **The closing date of receipt of applications shall be 30 days after publication of this Advertisement in Employment News/Rozgar Samachar.**
- **How to apply:** Candidates should download and fill up the Application Form in the prescribed format (available on the website [www.drdo.gov.in](http://www.drdo.gov.in)). The hard copy of signed Application Form along with self attested copies of certificates in support of requisite educational qualifications, matriculation certificate/birth certificate in support of date of birth, **GATE/NET** Score card (if applicable), valid as on closing date of application & caste certificate (if applicable) should be sent by post to **“The Director, Naval Physical and Oceanographic Laboratory, Thrikkakara P.O., Kochi - 682 021”** before the closing date. **The envelope should be superscribed “Application for JRF 2024”.** Incomplete/partially filled applications and applications received after closing date are liable to be rejected.
- Screening of the applications will be carried out by a duly constituted Screening Committee and the shortlisted candidates will be interviewed for selection, the schedule of which will be intimated via email. Therefore, the candidates should possess an active email ID and check the same periodically till the selection process is completed. Only candidates shortlisted by the Screening Committee will receive communication for further selection procedure. Canvassing in any form will result in disqualification of candidature.
- Based on the interview, a panel of candidates for the anticipated vacancies will be drawn and the panel would operate for a period of one year. However, the mere fact of empanelment will not entitle any candidate to an offer of Fellowship, which is contingent upon occurrence of vacancies during the year. Director, NPOL reserves the right not to select any candidate, if suitable candidates are not available.
- The Fellowships shall be awarded initially for a period of two years (extendable as per rules), with monthly emoluments of Rs. 37,000/- plus House Rent Allowance as admissible under the rules.
- Any additional information/amendments pertaining to the selection process notified vide this Advertisement shall be updated only on DRDO website ([www.drdo.gov.in](http://www.drdo.gov.in)). Prospective candidates are therefore advised to visit the website regularly until the selection exercise is concluded.
- **It may be noted that offer of Fellowship does not confer on Fellows any right for absorption in DRDO.**

**DIRECTOR  
NPOL, KOCHI**



Advt No. NPOL/JRF/01/2024

APPLICATION FORM FOR JUNIOR RESEARCH FELLOWSHIP IN NAVAL PHYSICAL AND OCEANOGRAPHIC LABORATORY, KOCHI (To be filled by the candidate in his/her own handwriting, in BLOCK letters)

Paste recent passport size color photograph here and sign across

Type of Fellowship: JRF Subject/Discipline.....

1, Full Name in Block Letters:

2. (i) Father's Name: (ii) Mother's Name:

3. (a) Gender: Male/Female/Third Gender 3(b) Category: UR SC ST OBC

3(c) Date of Birth (DD/MM/YYYY):..... 3(d) Age .....yrs.....months

4. Correspondence Address: PIN Code:

5. Permanent Address: PIN Code:

6. Contact Details: Phone (with STD code): Mobile: +91 - Alternative No. if any:

7. (i) E-mail ID: (ii) Alternative E-mail ID:

8. Educational Qualifications (From Matric/10th /HSC onwards; self-attested copy of matriculation (Xth) certificate & minimum educational qualification prescribed (i.e. B.Tech/M.Tech/M.Sc) only to be enclosed):

Table with 6 columns: Examination Passed, Subject(s), Board/University, Month & Year of Passing, Division / Class / Grade, Percentage / CGPA

9. Experience (if any):

Table with 5 columns: Name of Post / Designation, Name of the Organization/Dept., From, To, Nature of Duties (in brief)

9(b). Whether Qualified UGC/CSIR/NET/GATE Examination : Yes/ No If YES, give details (certificate to be enclosed) Enrollment /Roll No.....Year ..... Score .....validity.....

10. Have you ever been debarred for recruitment examination by any Govt. Agency: YES / NO

If YES give details:

11. DECLARATION: I .....(name) hereby declare that, the above furnished particulars are correct to the best of my knowledge and no information is suppressed. I understand that my candidature is provisional. If at any time I am found to have concealed/distorted any information, my candidature and/or Fellowship shall be liable to summarily terminated without any prior notice. If awarded Fellowship, I am ready to take up and discharge the duties assigned to me anywhere in India, as and when required.

Place:

Date:

SIGNATURE OF THE CANDIDATE

FOR OFFICE USE ONLY

Received on:

Complete: YES/NO

Remarks:

Accepted: YES/NO

Screening No Allotted:

Verified by:

Date: