

भारतसरकार, रक्षामंत्रालय  
रक्षाअनुसंधानतथाविकाससंगठन  
डीआरडीओयुवावैज्ञानिकप्रयोगशाला  
क्वांटमप्रौद्योगिकी,  
हॉलनंबर 1, ग्राउंडफ्लोर, विज्ञान  
उपकेंद्र, डीआईएटीपरिसर,  
गिरिनगर, पुणे - 411025,



Government of India,  
Ministry of Defence  
Defence Research and  
Development Organisation  
DRDO Young Scientists Lab-  
Quantum Technologies  
(DYSL-QT)  
Hall No. 1, Ground Floor, Vigyan  
Upakendra, DIAT Campus, Girinagar,  
Pune - 411025

Date: 12 Oct 2023

**Advertisement for the selection of Junior Research Fellowship (JRF)/ Research Associate (RA)**

1. DRDO Young Scientist Laboratory- Quantum Technologies (DYSL-QT) is constituted of young scientists to do extensive research and development in the field of Quantum Technologies viz. Quantum Computing, Quantum Communication, Quantum Sensing etc. The lab has association of eminent institutes like, IIT, Central & State Universities and other leading academic institutions. Lab invites application from candidates having strong desire to pursue research in the area of innovative technology and possessing qualifications as under, for the position of Junior Research Fellowship (JRF)/Research Associate (RA). Initially, the fellowships shall be for a period of two years (which can be extendable for further two years as per rules in force). **The extension is only valid for JRF. NO further extension will be granted to RA.** The Competent Authority shall operate a panel of selected candidates for filling up the positions from both existing and likely to arise in the future as well, in the order of merit/discipline for a period of one year from the date of declaration of panel list.

S.No.	Title of Fellowship	Minimum eligibility Criteria	Desirable Qualification	No of vacancies
1	JRF	B.E/B.Tech Degree in Electronics & Communication Engg / Electronics/Electrical & Electronics/Electronics & Telecommunication in 1 <sup>st</sup> Division with Valid NET/GATE qualification (OR) ME/M.Tech Degree in Electronics & Communication / Electronics/Electrical & Electronics/Electronics & Telecommunication Engg in 1 <sup>st</sup> Division both at Graduate and Postgraduate level.	Knowledge of VERILOG/VHDL	03
2	RA	PhD in Physics, or M. Tech/ME in Physics with 02 years, experience in research, teaching, Design & Development Degree should be in First Division wherever Division or equivalent grading is awarded	a) Proficiency in Lasers, Quantum Optics. b) Having Hands-on experience of working in experimental Quantum Optics, Free Space Optics. c) Exposure to Quantum Technologies- recent progress developments and technology trends.	01

2. **Upper age limit:** 28 years for JRF and 35 years for RA as on the last date of receipt of application. The upper age limit shall be relaxed to candidates from SC, ST and OBC (NCL) category as per Govt. rules in vogue.

3. **Emolument:** Stipend will be paid as below:-

Sr. No.	Category	Stipend (Rs.)
1	JRF	37000/-
2	RA	67000/-

HRA will be paid as per applicable rate in addition to stipend.

4. The detailed advertisement with application form and other specimen formats are available in the websites [www.drdo.gov.in](http://www.drdo.gov.in) (>What's New> Application for the post of JRF/RA at DYSL-QT, Pune). Interested candidates can also obtain the application form and other details through email: [dyslqtdrdo@gmail.com](mailto:dyslqtdrdo@gmail.com) The duly filled-in application and self-attested copies of educational qualifications and experience should reach:

The Director,  
DRDO Young Scientist Laboratory- Quantum Technology  
Defence Research and Development Organisation (DRDO)  
Hall No. 1, Ground Floor, Vigyan Upakendra,  
DIAT Campus, Girinagar, Pune- 411025, Maharashtra

within 30 days from the date of publication of the advertisement in Employment News. The envelope containing application should be super scribed "Application for JRF" or "Application for RA" as applicable at the top left corner. In addition, they may send a soft copy of the application to [dyslqtdrdo@gmail.com](mailto:dyslqtdrdo@gmail.com)

5. Mode of selection shall be by Interview. The Date, time, venue and mode of interview will be intimated to the shortlisted candidate by post and email.
6. Candidates working in Govt./Public Sector Undertaking/Autonomous Bodies should apply through proper channel. They are required to submit a signed declaration (Annexure 'II') to the extent that they have informed their Cadre Controlling Authority (CCA) about their application for the fellowship in DRDO and required to produce a "No Objection Certificate" from their CCA as per Annexure 'III' at the time of interview.
7. The Offer of fellowship is purely of temporary in nature for a limited period as per rules in vogue and does not confer any right for absorption in DRDO.
8. Those who were already awarded JRF/RA position in any of the DRDO Laboratories/centers earlier, are not eligible to apply again.
9. Candidates need to attach the proof of CGPA to percentage conversion formula from the University/ Institution along with the application form.
10. In case of any clarifications, please contact on 7980796459.

**Golden opportunity to work on cutting edge FPGA and related devices in Quantum Technology.**



*Santusardar*  
12/10/2023  
DIRECTOR  
DYSL-QT  
डॉ. संतु सरदार  
DR. SANTU SARDAR  
निदेशक / DIRECTOR  
डीवाईएसएल--क्युटी, पुणे  
DYSL-QT, PUNE



**ONLINE APPLICATION FOR THE POST OF RESEARCH ASSOCIATE**

**Paste  
Passport  
Size  
Photograph**

Applied Post Code:

- 1. Name in Full :
- 2. Father's Name :
- 3. Date of Birth :
- 4. Age as on closing date : Year .....Month.....Day
- 5. Nationality :
- 6. Category : Gen / SC / ST / OBC / others
- 7. Correspondence Address :
- 8. Mobile/ contact No :
- 9. E-mail ID :
- 10. Permanent Address :
- 11. Educational Qualification (Matric onwards):

Sr No	Degree	University	Year of passing	Subject	% of marks obtained

12. Experience:

Name of organization	Period of service		Reasons for leaving
	From	To	

13. Whether Qualified in UGC-JRF/CSIR-JRF/NET/GATE Examination: YES / NO .....  
If yes give details of validity.....

14. Any information, if you want to add:

**DECLARATION**

It is certified that the above information is true/correct to the best of my knowledge and nothing has been concealed/distorted. If any information found incorrect at any stage then I will be liable for any action taken by the authority as per existing rules/law.

(Signature of the Candidate)

**APPLICATION FOR RESEARCH FELLOWSHIP IN DRDO**

Paste recent  
photograph

1. Name (in Block letters) : \_\_\_\_\_
2. Father's / Husband's Name : \_\_\_\_\_
3. (a) Marital Status (Married / Single): \_\_\_\_\_ (b) Nationality: \_\_\_\_\_
4. (a) Category (GEN/SC/ST/OBC/PH/3<sup>rd</sup> Gender): \_\_\_\_\_ (b) DoB: \_\_\_\_\_  
(c) Age as on date of application: Years \_\_\_\_\_ Months \_\_\_\_\_ Days \_\_\_\_\_
5. Address for Communication: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

State: \_\_\_\_\_ Pin Code: \_\_\_\_\_

Contact details: Landline (with STD code) \_\_\_\_\_ Mobile No.: \_\_\_\_\_

Email address: \_\_\_\_\_

6. Permanent Residential Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

State: \_\_\_\_\_ Pin Code: \_\_\_\_\_

7. Educational Qualification (from SSC/Matric onwards; Self-attested copies to be enclosed)

Exam passed	Subject(s)	University/Board	Year of passing	Division/Class	% Marks

8. Experience:

Name of the organisation	Period of Service		Reasons for leaving
	From	To	

9. Whether Qualified in UGC/CSIR/NET/GATE Examinations: YES / NO

If yes, give details (proof to be enclosed)

10. Have you ever been interviewed in any DRDO Unit, please give details: YES / NO

(Note: Candidates already awarded JRF positions in any of the DRDO Units earlier are not eligible to apply again)

11. Any other information:

**DECLARATION:** I hereby declare that the above particulars furnished are correct and no information is suppressed.

Place:

Date:

(Signature of the candidate)

**DECLARATION REGARDING INTIMATION TO CADRE CONTROLLING AUTHORITY (CCA)**

Certified that I, \_\_\_\_\_, am working as \_\_\_\_\_ in the office of \_\_\_\_\_ on \* regular / ad-hoc / contract basis since \_\_\_\_\_ in Pay Band Rs. \_\_\_\_\_ with Grade Pay of Rs. \_\_\_\_\_ / on consolidated Salary Rs. \_\_\_\_\_ per month.

Also certified that I have intimated my Cadre Controlling Authority (CCA) that I am applying for the post of \_\_\_\_\_ at RIC, Chennai.

(\* Strike-out whichever not applicable)

(Signature of the candidate)

**NO OBJECTION CERTIFICATE**

Certified that Mr / Ms \_\_\_\_\_ is working as \_\_\_\_\_ in this office on \* regular / ad-hoc / contract basis since \_\_\_\_\_ in Pay Band Rs. \_\_\_\_\_ with Grade Pay of Rs. \_\_\_\_\_ / on consolidated Salary Rs. \_\_\_\_\_ per month

This office has No Objection to his / her candidature being considered for appointment to the post of \_\_\_\_\_ at DRDO. If selected, he / she will be relieved of his / her duties in accordance with the terms of his / her appointment.

(\* Strike-out whichever not applicable)

(Signature of the Head of Office with Seal)