

भारत सरकार, रक्षा मंत्रालय  
रक्षा अनुसंधान तथा विकास संगठन  
डीआरडीओ युवा वैज्ञानिक प्रयोगशाला -  
क्वांटम प्रौद्योगिकी,  
हॉल नंबर 1, ग्राउंड फ्लोर, विज्ञान  
उपकेंद्र, डीआईएटी परिसर, गिरिनगर,  
पुणे - 411025,  
ई-मेल : [director@dysl-qt.drdo.in](mailto:director@dysl-qt.drdo.in)



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  
e-mail: [director@dysl-qt.drdo.in](mailto:director@dysl-qt.drdo.in)

Date: 01 April 2021

### **Advertisement for the selection of Junior Research Fellowship (JRF)**

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 applications 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). 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 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 Electrical/Electronics/Telecommunication/ Instrumentation Engg. in first division from AICTE accredited Institute/ University with CSIR-UGC (NET) / GATE qualification (OR) ME/M.Tech Degree in Electrical/Electronics/Telecommunication/ Instrumentation Engg. in 1st Division both at Graduate & Post Graduate level and both from AICTE accredited Institute/ University.	a) Proficiency in Communication and DSP algorithms. b) Having knowledge of working in embedded system and FPGA based design. c) Exposure to Quantum Technologies.	01
2	JRF	Graduate Degree in Physics in first division from AICTE accredited Institute/ University with CSIR-UGC (NET) / GATE qualification (OR) Master Degree in Physics in 1st Division both at Graduate & Post Graduate level and both from AICTE accredited Institute/ University.	a) Proficiency in Lasers, Quantum Theory, Quantum Optics. b) Having knowledge of working in experimental Quantum Optics. c) Exposure to Quantum Technologies - recent progress, developments and technology trends.	01

1. **Upper age limit:** 28 years as on the last date of receipt of application. The upper age limit shall be relaxable to candidates from SC, ST and OBC(NCL)category as per Govt. rules in vogue.
2. **Emolument:** Stipend of Rs.31000/- per month plus HRA as applicable.
3. The detailed advertisement with application form and other specimen formats are available in the website [www.drdo.gov.in](http://www.drdo.gov.in) (> What's New > Application for the post of JRF at DYSL-QT, Pune). Interested candidates can also obtain the application form and other details through email: [director@dysl-qt.drdo.in](mailto:director@dysl-qt.drdo.in)

4. 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" at the top left corner. In addition, they may send a soft copy of the application to [director@dysl-qt.drdo.in](mailto:director@dysl-qt.drdo.in).

5. Mode of selection shall be by Interview. The Date, time, venue and mode of interview will be intimated to the shortlisted candidates 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 position in any of the DRDO Laboratories/centers earlier, are not eligible to apply again.
9. Candidate need to attach the proof of CGPA to percentage conversion formula from the University/Institution along with the application form.

(for DIRECTOR, DYSL-QT, Pune)

*Santu Sardar*



डॉ. सन्तु सरदार/Dr. Santu Sardar  
निदेशक/Director  
डी आर डी ओ युवा वैज्ञानिक प्रयोगशाला-क्वांटम प्रौद्योगिकियाँ  
DRDO Young Scientists' Laboratory-Quantum Technologies  
रक्षा अनुसंधान एवं विकास संस्थान, रक्षा मंत्रालय  
DRDO, Ministry Of Defence  
पुणे/Mumbai-400 076.

भारत सरकार रक्षा मंत्रालय  
रक्षा अनुसंधान एवं विकास संगठन  
मानव संसाधन विकास निदेशालय  
बी ब्लॉक डी आर डी ओ भवन  
राजजी मार्ग, नई दिल्ली - 110011

दूरभाष: 011-23012893

फैक्स: 011- 23014903



**No.DHRD/77014/RF/DYSL-QT/C/M/12**

Government of India. Ministry of Defence  
Defence Research & Development Orgn.  
Dte of Human Resources Development  
'B' Block, DRDO Bhawan, Rajaji Marg  
New Delhi - 110011  
Tele: 011-23012893  
Fax: 011-23014903

सभी पत्रादि निदेशक के पते पर भेजे जाने चाहिए

All Correspondence to be addressed to the Director

Date 25 Feb. 2021

To.

✓ The Director  
DYSL-QT  
Mumbai-400076

**Sub: Allocation of Research Fellowship**

**References:**

- (i) DYSL-QT Letter No. DYSL-QT/ADM/MANPOWER/DG/06 dated 15 Feb 2021.
- (ii) Govt. of India letters No.:
  - (a) 01/RD/HRD/89-90/1911/D (R&D) dated 11 Aug 2015.
  - (b) 01/RD/HRD/89-90/813/D (R&D) dated 24 May 2019.
  - (c) 01/RD/HRD/89-90/1057/D (R&D) dated 08 Jul 2019.

2. **02 (Two) Research Fellowships** at the level of JRF are being allocated to DYSL-QT. Mumbai.

3. Thus, the allocation of Fellowships to DYSL-QT. Mumbai stands as under:-

<b>Allocation of Research Fellowships</b>
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<b>JRF-02</b>
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4. Fellowships allocated for ongoing research activities may be reviewed after a period of 03 (Three) years from the date of sanction of this letter.

5. Director of the lab is authorized to award the Research Fellowships within the number allocated. It may also be ensured that fellows shall not be permitted to deal with classified/sensitive nature of information.

6. The lab is advised to operate the scheme of Research Fellowship as per Govt. of India letters under reference.

7. As DRDO has a limited pool of Fellowships, full utilization of the above allocated Fellowships may please be ensured.

(Alok Mall)  
Director, HRD