



# DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION

([www.drdo.gov.in](http://www.drdo.gov.in))

Advertisement No. DYSL-SM/HRD/JRF/REC/2022 dated 27-01-2022

## DRDO YOUNG SCIENTISTS' LABORATORY FOR SMART MATERIALS (DYSL-SM)

Kanchanbagh, Hyderabad – 500 058 URL: <http://www.drdo.gov.in>

### Online Interview for the award of Junior Research Fellowship (JRF)

DRDO Young Scientists' Laboratory for Smart Materials (DYSL-SM) is dedicated to the development of smart material technology solutions for national defence. The laboratory specialises in accelerated materials development, micro-robotics and stealth technologies.

DYSL-SM invites applications for the position of **Four (04) Junior Research Fellows (JRFs)** to work on projects in the areas of (i) materials informatics and computational materials modelling for accelerated material discovery (ii) application of smart materials to micro-robotics and stealth technologies.

S.No.	Subject	Essential Qualification	Post/ Nos.
01.	Metallurgical/ Material Science Engineering	B.E./B.Tech. with First Class in Metallurgical Engineering/Materials Science and Engineering and a <b>valid GATE score</b> <b>(OR)</b> M.E./ M.Tech. with First Class in Metallurgical Engineering/ Materials Science and Engineering (and first class B.E/B.Tech. in the same subject) <b>Desirable criteria:</b> Proficiency in programming languages and knowledge of materials modelling techniques	JRF / 02 Nos.
02.	Mechanical Engineering	B.E./B.Tech. in Mechanical Engineering with First Class with a <b>valid GATE score (OR)</b> M.E./M.Tech. with First class in Mechatronics / Robotics & Automation and B.E/B.Tech in Mechanical Engineering with First class. <b>Desirable criteria:</b> Working knowledge of finite element packages, basic electronics and instrumentation	JRF / 02 Nos.

For further details and application form (Annexure-I to III) please check to [What's New](#) in [www.drdo.gov.in](http://www.drdo.gov.in)

## General Conditions:

1. Eligible candidates shall email the duly filled application form (**Annexure-I to III**; Check **DRDO website > What's New**) along with self-attested copies of degree certificates, GATE score card, caste certificate and other applicable proofs (in a **single pdf file, not exceeding 10 MB**) to [jrfsm2022@gmail.com](mailto:jrfsm2022@gmail.com) within 21 days from the date of publication in the Employment News. In addition, the candidates should also submit details at <https://tinyurl.com/jrfsm2022>. The applications will be disqualified if either the scanned application or the online form is not submitted.
2. Screening of eligible applications will be based on GATE score, marks secured in degree, fulfilment of desirability criteria and relevant work experience (if any). The GATE score should be valid as on the date of application in the aforementioned subjects only.
3. Post screening, the list of shortlisted and waitlisted applicants will be announced in DRDO website. The shortlisted candidates will be informed of the date, time and particulars of the web-based interview via e-mail. The shortlisted candidates should confirm their attendance for the interview via email at least three days before the scheduled date.
4. Based on the online interview, a Panel of candidates for the anticipated vacancies will be drawn, valid for a period of 1 year. However, empanelment doesn't entitle any candidate to an offer of fellowship, which is contingent upon occurrence of vacancies during the year. Director, DYSL-SM reserves the right to not select any candidate, if suitable candidates are not available.
5. If selected, the candidates will be required to produce certificates/proofs in original for verification at the time of joining. No TADA will be paid for joining, if selected.
6. **Fellowship Emoluments:** Rs. 31,000/~ per month for JRF with applicable H.R.A. and other emoluments as per DRDO rules.
7. **Tenure:** The post is temporary in nature and the **initial tenure is of 02 (Two) years**. Subsequent upgradation to SRF grade is as per DRDO guidelines.
8. **Age Limit:** The age limit for JRF **is maximum of 28 years** as on the date of application. The age limit shall be **relaxed by 5 years for SC/ST and 3 years for OBC candidates** or as per Govt. guidelines. A copy of self-attested caste certificate should be attached with the application.
9. Only candidates who have completed the course and awarded degree/provisional certificate are eligible to apply for JRF position.
10. The JRF candidates may be allowed to register for part-time Ph.D.(if selected) with any University/Institution during the tenure of fellowship upon approval granted by Director, DYSL-SM.
11. The offer of fellowship does not confer on the candidates any right for absorption in DRDO under any circumstances.
12. Those who were already awarded JRF position in any of the DRDO Laboratories/ centres earlier, are not eligible to apply again.
13. Candidates working in Govt/Public sector undertaking / Autonomous bodies should produce no objection certificate (Annexure-II & III) to attend the interview.

**DIRECTOR, DYSL-SM**