# DEFENCE METALLURGICAL RESEARCH LABORATORY
## Defence Research & Development Organization (DRDO)
## Government of India, Ministry of Defence
## Kanchanbagh, Hyderabad-500058

**Advertisement No: DMRL/HRD/JRF/06/2022/01 Dt 21st June, 2022**

### Interview for the award of Junior Research Fellowship (JRF) / Research Associates (RAs)

Defence Metallurgical Research Laboratory (DMRL) was established at Hyderabad in 1963 to meet the needs of complex materials for modern Defence applications with a mission to develop advanced materials, innovative process technologies and related product engineering, supported by basic and applied research. The vision of DMRL is to be a center of excellence for providing total material solutions for Defence systems.

DMRL invites applications for the position of Fifteen (15) Junior Research Fellows (JRFs) and One (01) Research Associates (RAs). Applications are invited from candidates possessing the following qualification:

| Post Code No. | Position | Subject/ Discipline | Essential Qualification | Tentative No of Posts |
|---|---|---|---|---|
| JRF-01 | JRF | Metallurgy/ Matl. Science | BE/B. Tech in Metallurgical Engineering/ Materials Science and Engineering in First Division and a **valid GATE Qualified score in Metallurgical Engineering (Paper Code: MT)** **(OR)** First Division in both M.E./ M. Tech. and B.E/B. Tech in Metallurgical Engineering/ Materials Science and Engineering *Topics of M.E/M. Tech Thesis/Project should be only in the area of Computational, Extraction, Processing- Structure-Property of Metals and their Alloys.* | 10 |
| JRF-02 | JRF | Physics | **First Division in both** M.Sc. in Physics and B. Sc in Physics along with a **valid NET/GATE score** | 1 |
| JRF-03 | JRF | Chemistry | **First Division in both** M.Sc. in Chemistry and B. Sc in Chemistry along with a **valid NET/GATE score** | 1 |
| JRF-04 | JRF | Mechanical | B.E./B. Tech in Mechanical Engineering **with First Division** with a **valid GATE Qualified score in Mechanical Engineering (Paper Code: ME)** (OR) **First Division in both** M.E./ M. Tech. and B.E/B. Tech in | 3 |

| | | | Mechanical Engineering **Essential criteria:** Working knowledge of finite element packages | |
|---|---|---|---|---|
| RA-01 | RA | Metallurgy/ Material Science | Ph.D. in Metallurgical Engineering/Material Science and engineering **Or** ME/M. Tech in Metallurgical Engineering/Material Science and engineering with **First Division** along with 03 years' research, teaching or design and development experience and at least one published research paper in Science Citation Indexed (SCI) Journal. *Topics of Ph.D. Dissertation and M.E/M. Tech Research project should be only in the area of Computational, Extraction, Processing- Structure- Property of Metals and their Alloys.* | 1 |

**For further details and application form log on to <u>what is new</u> in www.drdo.gov.in**

**<u>General Conditions</u>:**

1. The No. of JRF and RA positions mentioned above is only indicative and may change at a later stage depending on the final assessment of eligible applications received.

*2.* Eligible candidates shall email the duly filled application form (**Annexure–I to III**; Check **DRDO website > What's New**) along with soft copies of self-attested degree certificates, GATE score card, caste certificate and other applicable proofs (in a **single pdf file**, **not exceeding 10 MB**) to dmrlhrd@gmail.com before July 24<sup>th</sup>,2022. In addition, the candidates should also submit details online at https://forms.gle/11FMWNh65VyVhzn5A. ***The applications will be disqualified if either the scanned application via e-mail or the online form is not submitted.***

3. **<u>Selection process:</u>**

   a. Eligible candidates for JRF-interview (Post Codes: JRF-01 and JRF- 04) will be shortlisted based on valid GATE score and % of marks obtained in minimum qualifying degree.

   b. The GATE score should be valid as on the date of application in the aforementioned subjects only.

   c. Eligible candidates for RA-interview (Post Codes: RA-01) will be shortlisted based on suitability of thesis/dissertation and/or prior work experience to DMRL's projects, number of research papers in SCI journals, etc.

   d. Eligible candidates for JRF-interview (Post Codes: JRF-02 and JRF- 03) will be shortlisted based on valid NET/GATE score.

   e. **Age Limit:** The age limit for JRF **is 28 years** as on <u>July 24<sup>th</sup>, 2022</u>. 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 is mandatory to be attached with the application.

   f. Candidate must submit the supporting document for converting CGPA/CPI to equivalent % from concerned university.

4. The list of shortlisted applicants will be communicated through e-mail provided by the applicants. The shortlisted candidates will be informed of the date, time and particulars of the web-based/in-person interview via e-mail. ***The shortlisted candidates should confirm their attendance for the interview <u>via email five days before the scheduled date</u>***.

5. 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, DMRL reserves the right to not select any candidate, if suitable candidates are not available.

6. 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.

7. **Fellowship Emoluments:** Rs. 31,000/~ per month for JRF and Rs. 54,000/~ for Research Associate with applicable H.R.A and Medical facilities are applicable as per DRDO rules.

8. **Tenure:**

| | |
|---|---|
| JRF | The post is temporary and maximum tenure is 05 (Five) years. The initial tenure will be of 02 (Two) years and will subsequently be elevated to SRF for the remaining 03 (Three) years subject to satisfactory performance to be assessed as per DRDO Guidelines. Also, the offer does not confer on the candidates any right for absorption in DRDO under any circumstances |
| RA | The post if temporary and maximum tenure is 02 (Two) years. Also, the offer does not confer on the candidates any right for absorption in DRDO under any circumstances |

9. Only candidates who have completed the requisite course and was awarded degree/provisional certificate are eligible to apply for JRF and RA 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 by Director, DMRL.

11. Those who were already in JRF position in any of the DRDO Laboratories/ centers earlier, are not eligible to apply again.

12. Candidates working in Govt/Public sector undertaking / Autonomous bodies should produce no objection certificate (Annexure-II & III) to attend the interview.

13. The management of DMRL reserves the right to amend/refix/cancel/suspend the selection process at any time during the process without assigning any reason whatsoever. The decision of the DMRL management shall be final in all aspects of selection process and binding and no appeal of any kind shall be accepted/ entertained/ considered in this regard.

14. ***<u>For any further details, interested candidates should contact 040-24586430/ 040-24586384, Mon-Friday from 9 AM- 1 PM or 2 PM-5 PM Only.</u>***

**DIRECTOR, DMRL**

**Advt. No: DMRL/HRD/JRF/06/2022/01**
*Post Code No:* _____

*Annexure I*

### 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/3rd 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 DMRL, Hyderabad    .

(* Strike-out whichever not applicable)

(Signature of the candidate)

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## 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)