



रक्षा जीव अभियांत्रिकी तथा चिकित्सा इलेक्ट्रॉनिकी प्रयोगशाला (डेबेल )  
**DEFENCE BIOENGINEERING AND ELECTROMEDICAL LABORATORY (DEBEL)**  
 रक्षा अनुसंधान एवं विकास संगठन/ Defence Research & Development Organization (DRDO)  
 रक्षा मंत्रालय / Ministry of Defence, भारत सरकार / Government of India,  
 सी वी रामन नगर, बेंगलूरु / CV Raman Nagar, Bangalore – 560093

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Advt No. DEBEL/HRD/JRF &amp; RA/01/2024

### ADVERTISEMENT FOR THE AWARD OF JUNIOR RESEARCH FELLOW (JRF) AND RESEARCH ASSOCIATE (RA)

Defence Bioengineering and Electromedical Laboratory (DEBEL), Bangalore, a premier Institute of Defence Research and Development Organisation (DRDO), invites applications for Junior Research Fellow (JRF) and Research Associate (RA) from Indian Nationals. Meritorious, young and motivated researchers who desire to pursue defence-related research in frontier areas are encouraged to apply. **Selection will be made on the basis of screening and interview.**

कोड Subject Code	संख्या No. of Fellowships	आवश्यक योग्यता Essential Qualifications
JRF-01	01	<p><b>BE/ BTech</b> in Mechanical Engineering with 1<sup>st</sup> Division and GATE Qualified with valid Score</p> <p style="text-align: center;"><b>OR</b></p> <p><b>ME/ MTech</b> in Mechanical Engineering with 1<sup>st</sup> Division both at Graduate &amp; Postgraduate level</p>
RA-01	01	<p><b>Essentials: PhD</b> in Biomedical Engineering / Electronics Engineering</p> <p style="text-align: center;"><b>OR</b></p> <p><b>ME/MTech</b> in Biomedical Engineering /Medical Electronics Engineering with 3 years of research or design and development experience in industry/ Academia, along with at least one research paper in a Science Citation Indexed (SCI) Journal.</p> <p><b>Desirable:</b>            Research Experience in EEG, EMG instrumentation development, analysis, neuromuscular computational model with AI/ ML approach, biomechanical musculoskeletal model and bio-statistics</p>

#### General Conditions:

- Only candidates possessing the above-mentioned qualification(s) should apply.** All the qualifications acquired should be from recognized Universities/ Institutions (approved by AICTE/UGC).
- Tenure:** JRF will be initially awarded for a period of 02 (Two) years. This may be upgraded as Senior Research Fellowship (SRF) for a period of one year (3rd Year) and further SRF may again be extended for a period of one more year (4th Year) based on performance. RA Fellowship is for 02 (Two) years only.
- Age Limit:** The upper age limit for JRF is maximum 28 years and for RA is 35 years as on the closing date of receipt of applications. The upper age limit shall be relaxable for the candidates belonging to SC/ST and OBC as per Govt. of India rules. **THE CLOSING DATE OF RECEIPT OF APPLICATIONS is 24<sup>th</sup> JUNE 2024.**
- How to apply:** After ensuring that fulfill all the eligibility conditions, Candidates should download and fill the Application Form in the prescribed format enclosed (also available on the 'what's new' section of the website [www.drdo.gov.in](http://www.drdo.gov.in)). The signed Application Form along with certificate in support of minimum educational qualification, 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 scanned **In a single PDF file [File name should be: SUBJECT CODE\_YOUR NAME\_DATE OF EMAIL]** and emailed to [hrd.debel.debel@gov.in](mailto:hrd.debel.debel@gov.in), before the closing date. **INCOMPLETE/ PARTIALLY FILLED APPLICATIONS WILL BE REJECTED.**

5. **Screening** of the applications will be carried out by a duly constituted Screening Committee and the shortlisted candidates will be interviewed through **Interview** as mentioned for which date will be intimated to shortlisted candidates. The candidates should possess an active/valid email ID till the selection process is completed. Canvassing in any form will result in disqualification of candidature.
6. **Selection procedure:**
  - A. Eligible candidates will be allowed to appear for Interview based on qualifying criteria.
  - B. GATE paper and subjects of qualifying degree must be related to the subjects/ discipline against which the candidate is applying.
  - C. Working experience in the subject area will be preferred.
7. The marks obtained in qualifying exam are to be mentioned in percentage. In case of CGPA/CPI, candidates are requested to convert the CGPA/CPI into percentage as per their university/ institute norms. Candidate must submit the supporting documents for converting CGPA/CPI to equivalent percentage (%) from concerned University.
8. The admission shall be entirely at the discretion of the Selection Committee of the Laboratory which may refuse to admit any candidate without assigning any reason thereof.
9. The Director DEBEL, Bengaluru reserves the right to not to select any candidate, if suitable candidates are not available, amend/modify/cancel this advertisement and also to cancel the admission/selection at any time without assigning any reason thereof.
10. Actual number of vacancies may vary as per Organisational requirement.
11. Candidates working in Government Departments / Public sector undertaking/ autonomous bodies should apply through proper channel and will be required to produce NOC at the time of interview.
12. Antecedents of candidate will be verified again at the time of joining, if selected. It may be noted that offer of Fellowship does not confer on Fellows any right for absorption in DRDO.
13. The selected candidate(s) may be allowed to register for PhD as per extant regulations with any recognized University/ Institution during the tenure of fellowship.
14. Candidates will be required to produce all the documents (copy of their online submitted application, certificates, marks, etc.) related to age, education and community certificate (if applicable) in original during verification and submit self-attested photocopies of the same failing which the candidate will not be allowed to appear for the Interview.
15. Candidates should be in possession of a valid Government issued ID card (Aadhaar, Passport, Driving License etc.) during entrance at Aeronautical Development Establishment (ADE) along with two recent passport size photographs at the time of Interview. Candidates shall be allowed entry only through ADE Raman gate and they are requested to reach early for necessary security check formalities at entry gate. Late comers will not be allowed. Electronic items/mobile phones/pen drive/laptop/CDs are strictly not allowed inside the campus.
16. There may be a written test(screening) to short list candidates for interview depending on the number of candidates appearing. Also, interview may continue on the next day and candidates are requested to plan accordingly and make their own arrangements for overnight stay (if required).
17. Applicants are advised to monitor the DRDO website for any updates/changes.
18. No TA/DA will be paid to candidates for attending the interview in person or for joining, if selected.

प्रमुख एच आर डी / Head HRD  
कृते निदेशक, डेबेल / For Director, DEBEL

**Route Map**

**Bus Route** (from Majestic Bus Stand, Bengaluru): No. 315 & 317 Series. Alight at 'NGEF' bus stop (1.2 km from NGEF bus stop to Raman Gate, ADE).

**Metro Train** (from KSR Majestic Rly Station, Bengaluru): Alight at Swami Vivekananda Road or Baiyyappanahalli. (1.3 km from Swami Vivekananda Road & 1.6 km from Baiyyappanahalli to Raman Gate, ADE)



ONLINE APPLICATION FORM FOR JUNIOR RESEARCH FELLOWSHIP & RESEARCH ASSOCIATE IN DEBEL, BENGALURU

Advt No DEBEL/HRD/JRF& RA/01/2024

SUBJECT CODE:

1. Name in full (Block Letters) :
2. Name of Father/Mother/Spouse : \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_
3. Permanent Address (with proof) :
4. Present Address :
5. Date of Birth[DD/MM/YY] :
6. Age as on closing date : \_\_\_\_\_ years, \_\_\_\_\_ months
7. Category [Gen/SC/ST/OBC] :
8. Gender [Male/Female/Third Gender] :
9. ID Proof (Pan Card/Driving License/  
Aadhar card) :

Affix Recent  
pass-port  
size  
photograph

10. Educational Qualification(s) [from SSLC/Matric onwards. Self-attested copies to be enclosed]:

Exam Passed	Name of the Institution & University/ Board	Subject(s)	Year of Passing	% Marks/ CGPA	Division/ Class

11. Whether Qualified in UGC-JRF/CSIR-JRF/NET/GATE Examination : YES / NO
12. If yes give details (enclose certificate): Roll No.....Year.....Score.....Validity.....
13. Details of Research Paper in SCI Journal (for RA Post): .....
14. Present Employment held/ Experience, if any:

Name of Organization/ Deptt	Position & Period of Service (years/months)	Reasons for leaving	Pay & Pay scale	Nature of Duties (n brief)

15. Details of extra-curricular activities/ awards :
16. Contact details : Phone (Landline & Mobile) :  
Email ID :

**DECLARATION:** It is certified that the above information is true/correct to the best of my knowledge and nothing has been concealed/distorted. I also understand that my candidature is provisional. If any information is found incorrect at any stage, then I will be liable for any action taken by the authority as per existing rules/ law. If awarded Fellowship, I am ready to take up and discharge the duties assigned to me anywhere in India, as and when required.

Place :

Signature of the Candidate

Date :

**List of Enclosures:** [List all enclosed documents clearly, and include a scanned passport-size photo]