

**CENTRE FOR HIGH ENERGY SYSTEMS AND SCIENCES**  
**(CHESS, DRDO, MINISTRY OF DEFENCE)**

No. CHESS/75/75500/RA&JRF/AdvT-14/2024

**ADVERTISEMENT FOR AWARD OF RESEARCH ASSOCIATE (RA) & JUNIOR RESEARCH FELLOWSHIP (JRF)**

Centre for High Energy Systems & Sciences (CHESS), Hyderabad, a premier Centre of Defence Research and Development Organisation (DRDO), invites applications from young and meritorious Indian nationals, who desire to pursue defence related research with field work as Research Fellows. Candidates possessing requisite qualifications for the award of Research Fellowships against positions vacant at this Laboratory, in the subject/disciplines as detailed below:-

Selection will be made on the basis of Online-interview (through Video Conferencing):

| Sl. No | Name of Fellowship  | No. of Fellowships | Educational qualifications  |
|--------|---|--------------------|---|
| 1      | RA<br>(Physics/Applied Optics/<br>Laser<br>Technology,<br>Laser, Adaptive<br>Optics /<br>Photonics) | One*               | Ph.D or equivalent degree (in Engineering or Science) in the area of Customized Optical System Design/ Atmospheric turbulence correction/adaptive optics.<br><br><b>OR</b><br>Having 3 year of research, teaching or design and development experience after<br>ME / M.Tech (ECE/EEE/Applied Physics/ Control system)<br><br><b>Desirable:</b> Experience in <b>Optics / related areas.</b><br><b>Note:</b> Candidate with having knowledge in Programming language MATLAB, LabVIEW, Zemax, Python etc. along with desired skills will be given preference. |
| 2      | RA<br>(Electronics/<br>Instrumentation/<br>Computer<br>Science)                                     | One*               | Ph.D or equivalent degree (in Engineering or Science) in the area of Electronics/Instrumentation/Computer Science.<br><br><b>OR</b><br>Having 3 year of research, teaching or design and development experience after<br>ME / M.Tech (ECE/ Instrumentation / Computer Science)<br><br><b>Desirable:</b> Experience in <b>Imaging system &amp; Image Processing.</b><br><b>Note:</b> Candidate with having knowledge in Programming language MATLAB, LabVIEW, Python etc. along with desired skills will be given preference.                                |
| 3      | JRF<br>(Mechanical<br>Engineering)  | Two*               | Graduate Degree in Professional Course (B.E/B.Tech) in relevant subject in first division with NET/GATE<br><br><b>OR</b><br>Post Graduate Degree in Professional Course (M.E/M.Tech) in relevant subject with first division at both Graduate and post Graduate Level   |
| 4      | JRF   | One*               | Graduate Degree in Professional Course (B.E/B.Tech) in relevant   |

|   |  |      |  |
|---|--|------|--|
|   | (Electronics Engineering)  |      | subject in first division with NET/GATE<br><b>OR</b><br>Post Graduate Degree in Professional Course (M.E/M.Tech) in relevant subject with first division at both Graduate and post Graduate Level  |
| 5 | JRF (Physics/Applied Optics/Laser Technology, Laser, Opto-Electronics) | One* | Post Graduate Degree (M.Sc. or equivalent) in relevant subject in first division with NET/GATE<br><b>OR</b><br>Graduate Degree in Professional Course (B.E/B.Tech) in first division with NET/GATE<br><b>OR</b><br>Post Graduate Degree in Professional Course (M.E/M.Tech) in relevant subject in first division at both Graduate and post Graduate Level |
| 6 | JRF (Chemical Engineering/ Chemistry)                                  | One* | Post Graduate Degree (M.Sc. or equivalent) in relevant subject in first division with NET/GATE<br><b>OR</b><br>Graduate Degree in Professional Course (B.E/B.Tech) in first division with NET/GATE<br><b>OR</b><br>Post Graduate Degree in Professional Course (M.E/M.Tech) in relevant subject in first division at both Graduate and post Graduate Level |
| 7 | JRF (Computer Science)   | One* | Post Graduate Degree (M.Sc. or equivalent) in relevant subject in first division with NET/GATE<br><b>OR</b><br>Graduate Degree in Professional Course (B.E/B.Tech) in first division with NET/GATE<br><b>OR</b><br>Post Graduate Degree in Professional Course (M.E/M.Tech) in relevant subject in first division at both Graduate and post Graduate Level |

\*Vacancies are tentative & may vary

**General Conditions for Research Associates(RA):**

1. Candidates who have attained the essential qualifications and awarded degree **on or before 31<sup>st</sup> July 2024** are only eligible to apply.
2. **Upper Age Limit:** 35 years for RA as on closing date of application. Upper age limit is relaxable to candidates as per government of India orders.
3. Candidates who are **NOT** meeting the eligibility criteria, **MUST NOT** apply.
4. Candidates working in Govt / Public sector undertaking / autonomous bodies should produce **No Objection Certificate(NOC)** at the time of Interview, if called for the same.
5. At the time of joining, candidates will be required to produce all the testimonials (certificates, marks memorandum, etc.) related to education and caste/category certificate (in Government prescribed format, if applicable) in original for verification and submit photocopies of the same along with copy of Aadhaar card and two recent passport size photographs, if selected for the interview. Failing which the selection will get cancelled.
6. A monthly stipend of **Rs. 67,000/-** and residential accommodation will be provided. In case of non-availability of accommodation, HRA will be paid as per admissible rules.
7. **Research Associate** will be awarded for a period of 2 (Two) years only.
8. **Selection Procedure:** After scrutinizing the details, relevancy of the research work experience or PhD thesis, short-listed candidates shall be notified for interview.
9. **No TA/DA** will be admissible.
10. The offer of Research Associate does not under any circumstances confer on the candidates any right for absorption in DRDO.
11. The period of service rendered as Research Associate will not be treated as service period for any government appointment.
12. CHESS reserves the right to adopt its own method of short-listing criteria and is NOT obliged to shortlist all the candidates who fulfill the minimum requirement. Mere fulfillment of requirements as laid down in the advertisement does not qualify a candidate to be selected.
13. The Competent Authority has the right to modify the terms and conditions or cancel the entire selection process without any prior notice at any given time.
14. **How to apply:** Candidates should download from 'What's New' column and fill the Application Form in the prescribed format (available on 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, NOC (Wherever applicable), caste certificate (if applicable) should be **scanned in a single PDF file and emailed** to [hrd.chess@gov.in](mailto:hrd.chess@gov.in) before the closing date. The last date for receipt of duly filled application through email shall be **30 days** after publication of this advertisement in Employment New/ Rozgar Samachar. CHESS, Hyderabad shall not be responsible for non-receipt of application/ incomplete application. Incomplete/partially filled applications shall be rejected.

**General Conditions for Junior Research Fellows (JRF):**

1. Candidates who have attained the essential qualifications and awarded degree **on or before 31<sup>st</sup> July 2024** are only eligible to apply.
2. **Upper Age Limit:** 28 years for JRF as on closing date of application. Upper age limit is relaxable to candidates as per government of India orders.
3. Candidates who are **NOT** meeting the eligibility criteria, **MUST NOT** apply.
4. Candidates working in Govt / Public sector undertaking / autonomous bodies should produce **No Objection Certificate(NOC)** at the time of Interview, if called for the same.
5. Candidates will be required to produce all the testimonials (certificates, marks memorandum, etc.) related to education and caste/category certificate (in Government prescribed format, if applicable) in original during verification and submit photocopies of the same along with copy of Aadhaar card and two recent passport size photographs, if selected for the interview. Failing which the selection will get cancelled.
6. A monthly stipend of **Rs. 37,000/-** and Residential Accommodation will be provided. In case of non-availability of accommodation, HRA will be paid as per admissible rules.
7. Fellowship will be initially awarded for a period of 02 (Two) years. Further this may be upgraded as Senior Research Fellowship (SRF) for a period of one year (year3). SRF may again be extended for a period of one more year (Year 4) based on Performance.
8. **Selection Procedure:** After scrutinizing the marks, percentage and score, short-listed candidates shall be notified for interview.
9. **No TA/DA** will be admissible.
10. The offer of Research Associate does not under any circumstances confer on the candidates any right for absorption in DRDO.
11. The period of service rendered as research fellow will not be treated as service period for any government appointment.
12. CHESS reserves the right to adopt its own method of short-listing criteria and is NOT obliged to shortlist all the candidates who fulfill the minimum requirement. Mere fulfillment of requirements as laid down in the advertisement does not qualify a candidate to be selected.
13. The Competent Authority has the right to modify the terms and conditions or cancel the entire selection process without any prior notice at any given time.
14. **How to apply:** Candidates should download from 'What's New' column and fill the Application Form in the prescribed format (available on 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, NOC (Wherever applicable), caste certificate (if applicable) should be **scanned in a single PDF file and emailed** to [hrd.chess@gov.in](mailto:hrd.chess@gov.in) before the closing date. The last date for receipt of duly filled application through email shall be **30 days** after publication of this advertisement in Employment New/ Rozgar Samachar. CHESS, Hyderabad shall not to be responsible for non-receipt of application/ incomplete application. Incomplete/partially filled applications shall be rejected.