



MINISTRY OF DEFENCE
DEFENCE RESEARCH & DEVELOPMENT ESTABLISHMENT (DRDE)
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO)
JHANSI ROAD, GWALIOR – 474 002 (M.P.)

SELECTION FOR THE AWARD OF DRDO JUNIOR RESEARCH FELLOWSHIP (JRF) AND
RESEARCH ASSOCIATES (RA)

Defence Research & Development Establishment (DRDE), Gwalior is a premier laboratory under Defence Research & Development Organisation (DRDO). It is engaged in R&D activities on detection, protection and decontamination of chemical and biological agents. DRDE provides excellent opportunity to young and motivated researchers to pursue research work in chemical and life sciences. The core competence of DRDE includes: synthesis, evaluation and process development for toxicants and antidotes; detection and analysis of chemicals at trace levels; development of sensors for chemical and biological agents; toxicity studies and safety evaluation of chemicals *in vitro* and *in vivo*; DRDE is also engaged in the development of immunological and molecular detection systems for bacterial and viral agents of defence importance. Development of insect repellents and vector management strategies are also undertaken to prevent vector borne diseases. DRDE is actively engaged in bioremediation of organic waste at low temperature by microbial degradation. DRDE is the only laboratory in India working in above area of technologies. DRDE is also one of the few laboratories in the world, accredited by Organization for Prohibition of Chemical Weapons (OPCW).

DRDE, Gwalior provides excellent opportunity to young researchers with chemistry or life Sciences background to work in an interdisciplinary environment for development of cutting edge technologies in the areas of

- ❖ Organic synthesis
- ❖ Drug designing and discovery
- ❖ Green Chemistry
- ❖ Material Development (Nano & micro materials) and its characterization
- ❖ Biochemical studies of potential drug candidates
- ❖ Bio- and Medicinal Chemistry
- ❖ Synthesis of hyperbranched polymers
- ❖ Biosensors
- ❖ Carbon Chemistry
- ❖ Textile chemistry
- ❖ Microbiology
- ❖ Biotechnology
- ❖ Toxicology
- ❖ Pharmacology
- ❖ Molecular Biology

DRDE has excellent infrastructure with state of art equipments like...NMR, IR, GC-MS, GC-MS/MS, LC-MSⁿ, TGA, Surface Area Analyzer, Raman Spectroscopy etc.

Students who have qualified any of the Government of India fellowships like UGC, CSIR, DBT, ICMR, DST with fellowship or have qualified CSIR UGC NET Lectureship (LS) can only apply.

The students who have qualified any of the Government of India fellowships like UGC, CSIR, DBT, ICMR, DST can claim fellowship under the scheme under which they have qualified.

For candidates who have qualified CSIR UGC NET Lectureship on selection DRDO will provide

Fellowship at a monthly stipend and House Rent Allowance as per rules.

Applications are invited from candidates possessing below mentioned qualifications:-

Code No.	Type of fellowship	Number of Fellowships	Subject / Discipline	Educational Qualification
01.	Junior Research Fellow (JRF)	04	Chemistry (Physical/Analytical Organic / Inorganic)	<ul style="list-style-type: none"> M.Sc. First Class in concerned subject with NET / Any Govt. fellowship
			Textile /Fiber /Rubber or Polymer Science/ Technology	<ul style="list-style-type: none"> (B.E/B.Tech) in first division with NET/ GATE (M.E/M.Tech) in first division both at Graduate and Post graduate level
02.	Junior Research Fellow (JRF)	04	Microbiology/Biotechnology/Biochemistry/Pharmacology/Zoology (Entomology)	M.Sc. with First Class in concerned subject with NET/ Any Govt. fellowship
03	Research Associate (RA)	01	Microbiology/ Biotechnology / Biochemistry/ Pharmacology/ Zoology (Entomology)	Ph.D. in Microbiology/ Biotechnology/ Biochemistry/ Pharmacology/ Zoology (Entomology)
04	Research Associate (RA)	01	Chemistry (Physical/Analytical/ Organic/ Inorganic)	Ph.D. in Chemistry (Physical/Analytical/ Organic/ Inorganic)

Upper Age Limit: 28 Years for JRF and 35 Years for RA as on last date of receipt of application. The upper age limit shall be relaxable to the candidates belonging to Scheduled Castes, Scheduled Tribes and OBC as per Government of India orders.

Type written application with complete bio-data should reach **"The Director, DRDE, Jhansi Road, Gwalior- 474002"**, within 30 days from the date of publication of the advertisement. Affix a recent passport size photograph on the right top corner of the first page of application. Please send a crossed Indian Postal Order of Rs. 10/- drawn in favour of Director, DRDE, Gwalior, and self attested copies of certificates and mark sheet along with the application. Candidates belonging to SC/ST and OBC are exempted from this payment. Candidates working in Govt./Public Sector Undertaking/Autonomous Bodies should apply through proper channel and should produce No Objection Certificate at the time of interview. Candidates will be required to produce certificates / testimonials in original at the time of interview. The candidates are advised to **mention Code Number & Discipline on the envelope** for the applied post.

Note :

- Applications without supporting self attested testimonials & without IPO (Except SC/ST/OBC) shall be summarily rejected.
- No. of JRF required in each subject/discipline may increase or decrease as per requirement.
- It may please be noted that offer of Fellowship does not confer on Fellows any right for absorption in DRDO.

Encl: Application Format. APPENDIX "A"

DEFENCE RESEARCH & DEVELOPMENT ESTABLISHMENT
JHANSI ROAD, GWALIOR – 474 002
APPLICATION FORM

Paste your recent
passport size
photograph here

Self Attested

Advertisement No..... dated.....

1. Post Code No. :
2. Name in full in Block letter :
3. Father's/Husband's Name :
4. Date of Birth & Present age on last date of application :
5. Address for Correspondence :
6. Permanent Address (with proof) :
7. Mobile No. :
8. ID Proof (PAN Card/Driving License/Aadhar Card) :
9. Whether GEN/SC/ST/OBC :
10. Whether Indian Postal Order attached :
(If yes, give the details)
11. Whether NET / GATE /Any other fellowship Qualified Yes or No (if yes, give details) :

12. EDUCATIONAL QUALIFICATION :

S.No.	Class/ Degree	Board/University	Year of Passing	Subjects	% of Marks obtained

13. Details of other experience, if any (Attach copy of the same):-

Post Held	Name of employer	Period		Nature of Work	Salary	Remarks
		From	To			

13. Any other Information:-

I certify that the particulars given above are correct.

Date:

Signature:
 Name:
 Address:

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