

# Ministry of Defence

## Instruments Research &

## Development Establishment (IRDE), Defence Research & Development Organisation (DRDO) Raipur Road, Dehradun-248008 (Uttarakhand)

Applications are invited from the citizens of India for the selection of the Junior Research Fellowship (JRF) for a period of two years (Extendable as per rules) as per details given below:-

Instruments R&D Establishment (IRDE), Dehradun is a premier laboratory of the Defence R & D Organisation (DRDO) engaged in the Research and Development of advanced technologies in the areas of optics, opto electronics, and photonics to enhance the defence capabilities of the nation. IRDE invites applications from highly motivated candidates (Indian citizens) with excellent academic background to work as Junior Research Fellows for a period of two years (extendable as per rules). They will work in some of the collaborative projects with IIT Kanpur, IIT Madras, IIT Delhi and IISc, Bangalore in the frontier areas of Micro-optics and Nanophotonics including Photonic Crystals, Metamaterials, Silicon Photonics, Micro-optics fabrication and development of high performance computational imaging systems. IRDE has well equipped laboratories and state of the art fabrication facilities including UV lithography and Class 100 & 10000 clean rooms. The Research Fellows will be encouraged to pursue PhD in some of the above mentioned frontier areas in Photonics and will have the opportunity to interact with some of the leading researchers in the country associated with these collaborative projects.

**Name of the post:** Junior Research Fellowship (JRF)

**Number of Vacancies:** 03 (Three) (Vacancies may increase or decrease)

**Qualification:** Graduate degree in professional course (B.E/B.Tech.) in the field of Electronics and Communication Engineering/ Mechanical Engg./ Electrical Engg. in first division with NET/GATE. **OR**

Post graduate degree in professional course. (M.E./M.Tech) in the above field in first division both at Graduate and Post graduate level.

**Desirable Qualification:** Interest in research for pursuing PhD.

**Age:** Maximum 28 years on the last date of receipt of application (5 years relaxation to SC/ST and 3 years to OBC candidates).

**Emoluments:** Stipend Rs. 26000/-per month with House Rent Allowance and Medical facilities admissible as per rules.

### Important Note:

1. Typed application with complete bio-data should reach the **Director, Instruments Research & Development Establishment, Raipur Road, Dehra Dun-248008 within 21 days** from the date of publication of advertisement in the Employment News.
2. Please affix a recent passport size photograph on the right top corner of the first page of the application.
3. Send a Bank draft of Rs.10/- drawn in favour of **Director, IRDE, Dehra Dun** alongwith the application (Candidates belonging to SC/ST and OBC are exempted from bank draft).
4. Candidates working in Govt. / PSU/Autonomous bodies should apply through proper channel.
5. Candidates will be required to produce certificates/testimonials in original at the time of interview otherwise he/she may be disqualified for interview.
6. The selection procedure will consist of written test and interview,
7. Offer of fellowship does not confer any rights on fellows for absorption in Government Service in DRDO.

8. Vacancy position may vary.

**Offg. Chief Admin Officer**

**for Director**

**(V.K. Arora)**

**Technical Officer 'D'**

**davp 10301/11/0246/1617**

**10/23/Defence/Recruitment/Graduate/25-35/Permanent/Other than Delhi**