

**Project on**  
**Electromagnetic Analysis, Design and Simulation of Dual Frequency (S- and C-band) Relativistic Backward Wave Oscillator - A HPM Source**

**DRDO Sponsored Project (No.: R&D/SA/Electronics/DRDO/19-20/01-02)**

**DEPARTMENT OF ELECTRONICS ENGINEERING**  
**INDIAN INSTITUTE OF TECHNOLOGY (BHU), VARANASI-221 005.**

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**Advertisement for JRF position**

Applications are invited from Indian nationals for the following position in the research project entitled “**Electromagnetic Analysis, Design and Simulation of Dual Frequency (S- and C-band) Relativistic Backward Wave Oscillator - A HPM Source**” sponsored by the Defence Research & Development Organization (DRDO), Ministry of Defence, Government of India, New Delhi.

Name of the Position	Junior Research Fellow (JRF)
Number of Position(s)	One (1)
Duration of the Position	One year. Extendable on performance basis.
Emoluments	Rs. 31,000 + HRA @ 16 % per month
Educational Qualification	(i) B.E./B.Tech., with minimum of 55% marks in Electronics and Communication Engineering and having valid GATE score.  (or) (ii) M.E./M.Tech., in RF & Microwave Engineering with minimum of 55% marks and GATE qualified.  (iii) Experience in the area of RF and Microwave Engineering and related field is desirable.
Upper Age limit as on the last date of application	28 years. Age relaxation applicable as per Government of India (GoI) rules.

**General Terms and Conditions:**

1. The position is purely temporary and is coterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
4. The candidate is expected to join immediately, if selected.
5. No TA/DA will be paid for attending the interview.

Application on Plain paper giving Name, Permanent and Correspondence address, Names of the Father and Mother, Telephone number. and e-mail address, details of educational career (starting from High School or equivalent) along with self-attested copies of all mark-sheets & certificates and details of any research or other experience etc., if any, should reach the office of the **Principal Investigator** by **post or e-mail** on or before 28.02.2021 by 5:00 PM.

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