

Project on
Design of S- and X-Band High Power Microwave Source- Relativistic Backward Wave Oscillator (RBWO)

DRDO DIA-COE Sponsored Project (No.: R&D/SA/DRDO/ECE/24-25/01/571)

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

Advertisement for JRF & SRF positions

Applications are invited from Indian nationals for the following positions in the research project entitled “**Design of S- and X- Band High Power Microwave Source- Relativistic Backward Wave Oscillator (RBWO)**” sponsored by the Defence Research & Development Organization (DRDO), through the DRDO Industry Academia (DIA) collaboration, Ministry of Defence, Government of India, New Delhi.

1. Junior Research Fellow (JRF)-Electronics Engineering

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| Name of the Position | Junior Research Fellow (JRF) |
| Number of Position(s) | One (1) |
| Duration of the Project | Three Year. Initially the appointment will be made for one year and extendable on performance basis until the completion of project. |
| Emoluments | Rs. 37,000 + HRA @ 18 % per month for I & II year and convertible to SRF in III Year with Rs. 42,000 + HRA @ 18 % per month. |
| Educational Qualification & Discipline | B.E./B.Tech., in Electronics and Communication Engineering or any allied discipline with first division and having valid GATE /NET score. (or) M.E./M.Tech., in RF & Microwave Engineering, Applied Electronics, or any allied discipline with first division in both at Graduate and Post Graduate level. |
| Experience | 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. |

2. Junior Research Fellow (JRF)-Mechanical Engineering

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| Name of the Position | Junior Research Fellow (JRF) |
| Number of Position(s) | One (1) |
| Duration of the Project | Three Year. Initially the appointment will be made for one year and extendable on performance basis until the completion of project. |
| Emoluments | Rs. 37,000 + HRA @ 18 % per month for I & II year and convertible to SRF in III Year with Rs. 42,000 + HRA @ 18 % per month. |
| Educational Qualification & Discipline | B.E./B.Tech., in Mechanical Engineering or any allied discipline with first division and having valid GATE /NET score. (or) M.E./M.Tech., in Mechanical Engineering or any allied discipline including CAD/Design with first division in both at Graduate and Post Graduate level. |
| Experience | Experience in the area of CAD/Solid Works/Design 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. |

3. Senior Research Fellow (SRF)- Electronics Engineering

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| Name of the Position | Senior Research Fellow (SRF) |
| Number of Position(s) | Three (3) |
| Duration of the Project | Three Year. Initially the appointment will be made for one year and extendable on performance basis until the completion of project. |
| Emoluments | Rs. 42,000 + HRA @ 18 % per month (for I, II, & III Year) |
| Educational Qualification & Discipline | B.E./B.Tech., in Electronics and Communication Engineering or any allied discipline with first division and having valid GATE /NET score. (or) (i) M.E./M.Tech., in RF & Microwave Engineering, Applied Electronics, or any allied discipline with first division in both at Graduate and Post Graduate level. |
| Experience | Two years of experience as JRF in the area of RF and Microwave Engineering and related research field is mandatory. |
| Upper Age limit as on the last date of application | 32 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 **10.10.2024**.

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