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## Advertisement for a JRF Position

Applications are invited from motivated and eligible candidates for the position of Junior Research Fellow (JRF) in a **Defense Research and Development Organization (DRDO)** funded research project entitled “Quasi-2D Photonic Crystal based Hollow Waveguide for Optical Communication and Sensing”. The project is broadly in the area of Integrated Photonics. Selected JRF will be involved in design, fabrication (using electronic micro-fabrication technologies) and optical characterization of on-chip photonic devices.

### Duration:

Initial appointment is for one year, which is extendable up to 3 years based on performance.

### Emolument:

The amount of JRF fellowship will be as per DRDO norms.

### Eligibility:

#### **Essential Qualification:**

M.E./M.Tech. in relevant branch of Electronics/Electronics and Communication Engineering/Microelectronics/Optoelectronics/Nanotechnology/VLSI Design **OR** B.E./B.Tech. in relevant branch of Electronics/Electronics and Communication/Electrical Engineering with valid GATE/NET (JRF) score. Candidates should have a minimum of 60 % (or equivalent) in graduate and post-graduate levels.

**Age limit:** 28 years. Relaxation for SC/ST/OBC candidate as per Government of India norms.

Interested candidates are required to submit a detailed CV to Dr. Mukesh Kumar, Discipline of Electrical Engineering, Indian Institute of Technology Indore, via e-mail: [mukesh.kr@iiti.ac.in](mailto:mukesh.kr@iiti.ac.in). Please note that your CV should include contact details (address, mobile phone no., email ID), date of birth, qualifications clearly mentioned. Complete information with regards to NET/GATE score such as: year of passing and validity, discipline, score, marks, all India Rank and number of candidates appeared should be mentioned in the CV. Incomplete applications will be rejected. Last Date for submission of applications is **31<sup>st</sup> July, 2016**. Only shortlisted candidates will be intimated by email for the interview. **No TA/DA will be paid** for appearing in the interview.

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