



भारतीय सूचना प्रौद्योगिकी, अभिकल्पन एवं विनिर्माण संस्थान जबलपुर
Indian Institute of Information Technology, Design and Manufacturing Jabalpur
Dumna Airport road, Po: Khamariya, Jabalpur, Madhya Pradesh-482005

Advertisement

Interested candidates are invited for walk-in test/interview for a position of Junior Research Fellow (JRF)/Senior Research Fellow (SRF) to work on a CSIR funded research project titled “**Studies on electronic and optical properties in group III-V-N quaternary semiconductor quantum dots using density functional theory and k dot p method**”. It may be possible for the selected candidate to register for Ph.D. program as per existing Institute rules.

Project Position: 01 (JRF/SRF)

Duration: The position is purely temporary and renewable each year subject to satisfactory performance for a maximum of three year or until the completion of project whichever is earlier.

Fellowship Amount: **JRF:** Rs. 31000/- per month as per CSIR guidelines

SRF: Rs. 35000/- per month as per CSIR guidelines

Essential Qualifications:

1. **Senior Research Fellow (SRF):** (i) MSc in Physics or BE/BTech in ECE/relevant discipline or equivalent degree, and at least two years of post-MSc/BE/BTech research experience, as evidenced from published papers in standard refereed journals. (ii) ME/MTech or equivalent degree in ECE/relevant discipline with valid NET/GATE score. Age limit: Maximum 32 years.

2. **Junior Research Fellow (JRF):** MSc in Physics or BE/BTech in ECE/relevant discipline with 55% marks or equivalent CGPA and passing of NET/GATE test. Age limit: Maximum 28 years.

Age relaxation for SC/ST/PH/OBC/Women candidates is as per CSIR and Institute rules, as applicable.

Desirables: Candidates having knowledge on DFT calculations, MATLAB and Mathematical Modeling of III-V material based Quantum Dot/Quantum Well Systems, will be given preference.

Date and time of Interview: 29-08-2020 at 11.00 am. The Interview will be conducted in Online Mode (preferably ZOOM). The shortlisted candidates would be notified through email about the ZOOM Meeting Room Details.

Candidates willing to attend the interview are required to send their confirmation through email by Monday August 24, 2020 to dip.samajdar@iiitdmj.ac.in with their detailed CV. Candidates are also required to bring all documents and experience certificates in original for verification. Please note that no TA/DA will be given to the candidates called for interview.

Principal Investigator:

Dr. Dip Prakash Samajdar

Assistant Professor (ECE),

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D.P. Samajdar

21/07/2020