



भारतीय प्रौद्योगिकी संस्थान इन्दौर

खण्डवा रोड, सिमरोल
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IIT
Indore

Walk-in Interview for JRF Position

Applications are invited from motivated and eligible candidates for the position of **Junior Research Fellow** (JRF) in a Department of Science and Technology (DST) funded research project. The research topic for the advertised position will be “**Advanced Nonlinear Filtering Using Improved Quadrature Rule**”. The selected candidate will be expected to have a strong background in Control Systems and/or Stochastic process.

Duration: The opening position is initially for 1 year with a possibility of further extension based on performance. The *selected candidate may be considered for admission to Ph.D. Programme as a regular full-time scholar.*

Emolument: The JRF will be paid a consolidated salary of **Rs. 31000/month+HRA.**

Eligibility:

Essential Qualification: B.E./B.Tech. with specialization in Electrical / Electronics / Instrumentation Engineering with minimum 75% (or equivalent) and valid GATE score, **OR** M.E./M.Tech. with relevant specialization of Control Systems / Mechatronics with minimum 60% (or equivalent) in graduate and postgraduate levels.

Age limit: 30 years with relaxation to SC/ST/OBC candidates as per Government of India norms.

Interested candidates are required to attend walk-in interview on **18th March, 2020**. The candidates should bring Detailed Curriculum Vitae (CV) along with valid photographic identity card, original and self-attested photocopies of all documents (10th class onwards) at the time of interview. Incomplete applications will be rejected.

Time and date of walk-in interview: 10:00 hrs on **Wednesday, 18th March, 2020**.

Venue: Room no.: 719, Scandium building (POD: 1A), Discipline of Electrical Engineering, Indian Institute of Technology Indore, Khandwa Road, Simrol, Indore - 453552, Madhya Pradesh, India.

Interested candidates must email advance copy of their detailed CV to **Dr. Abhinoy Kumar Singh** at abhinoy.singh@iiti.ac.in with copy to abhinoycusat08eee@gmail.com. You can contact on +91-7312-438-700 (ext. 884) for any query. ***Any other mode of communication will not be entertained.***

Brief description about the research to be carried out: The research interest will be on stochastic control with focus on developing new estimation and filtering algorithms for nonlinear systems. It will involve some uses of stochastic signal processing as well. The developed estimation and filtering algorithms may be implemented to real-life filtering problems related to target tracking or biomedical applications.

Note: No TA/DA will be paid for attending the walk-in interview. Candidates should make their own arrangements for stay. The institute accommodation may be available on payment basis.