भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

Date: 23rd January 2023

Interview for JRF Position under SERB Sponsored Project

Applications are invited from motivated and eligible candidates for the position of **Junior Research Fellow** (JRF) in a Science and Engineering Research Board (SERB) funded research project entitled "**Modelling, Analysis, and Design of Aerial-Platform-based Free Space Optics Communication for 6G Networks**".

Objective of the Project
The scope of the project is to propose novel system models utilizing aerial platforms such as UAV, HAPS, etc. and FSO communication for terrestrial networks and Space-Air-Ground-Integrated-Network (SAGIN) scenarios, which are expected to be featured in 6G communication and analyse the system performance using analytical, simulation, and experimental results.

Duration: Initial appointment is for one year, which is extendable for two more years based on performance. The appointment is co-terminus with the project. *Possibility of Considering Selected candidate, through a separate process, for admission to Ph.D. Programme as a regular full-time scholar as per the Institute norms also exits.*

Emolument: The amount of JRF fellowship will be as per SERB norms.

Eligibility:
Essential Qualification: Possessing (i) BE/B.Tech. or equivalent in relevant branches of Engineering/Technology like Electrical/Electronics Engineering (EE), Electronics & Communication Engineering (ECE), Information & Communication Technology (ICT), etc; (ii) M.E./M.Tech. in relevant branches of Engineering/Technology like EE, ECE, ICT, etc. Note that GATE qualification in EE/EC/IN paper is mandatory for getting enrolment in PhD program at IIT Indore.
Age limit: Maximum 32 years. Upper age limit is relaxable for SC/ST/OBC/Women and physically handicapped candidates as per Government of India norms.

Interested candidates are requested to attend ONLINE interview on **16th February, 2023**. The candidates should apply against the following google form link and upload the required documents.

Application Form (Google form link): https://forms.gle/7QnpwgKVTnV3qZQaA

Time and date of interview: 11:30 AM on **Thursday**, **16th February, 2023**.

Last Date for Submitting the Application form: **15th February, 2023 (Wednesday, 17.00 hrs)**

Google Meet link for the online interview will be sent to all the shortlisted candidates **on 15th February, 2023 by 19.00 hrs**

In case of any queries, please email to Dr. Swaminathan R (swamiramabadran@iiti.ac.in) and cc to Dr. Saptarshi Ghosh (sghosh@iiti.ac.in)

For ongoing research activities please refer to the homepage of Dr. Swaminathan R (Homepage)