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Date: 18th April 2023

<u>Interview for JRF Position under SERB Sponsored Project</u>

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**".

<u>Objective of the Project</u>
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.

<u>Duration:</u> Initial appointment is for one year, which is extendable for two more years based on performance. The appointment is co-terminus with the project.

<u>Emolument:</u> The amount of JRF fellowship will be as per SERB norms.

<u>Eligibility:</u>
Essential Qualification: BE/B.Tech. or equivalent in relevant branches of Engineering/Technology like Electrical/Electronics Engineering (EE), Electronics & Communication Engineering (ECE), Information & Communication Technology (ICT), Engineering Physics, etc. or Masters degree in relevant branches of Engineering/Technology like EE, ECE, ICT, Electronics, Applied optics, Optical communications, etc. with a first division as awarded by the awarding institute/university. Note that GATE qualification is mandatory for getting enrolment in PhD program at IIT Indore.

Interested candidates are requested to attend ONLINE interview on **24th April, 2023**. The candidates should apply against the following google form link and upload the required documents.

Application Form (Google form link): https://forms.gle/bHUGRWhzefq22STe9

Time and date of interview: 14:00 hrs onwards on **Monday**, **24th April, 2023**.

Last Date for Submitting the Application form: **22nd April, 2023 (Saturday, 24.00 hrs)**

Google Meet link for the online interview will be sent to all the shortlisted candidates **on 23rd April, 2023**

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)