



भारतीय प्रौद्योगिकी संस्थान इंदौर

खंडवा रोड, इंदौर 453 552

Indian Institute of Technology Indore

Office: +91 731 2438 733

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IIT Indore

Date: 9<sup>th</sup> Oct 2025

## **Advertisement for PDF Position**

Applications are invited from motivated and eligible candidates for the position of **Post-Doctoral Fellow (PDF)– 01 position** in 6G Wireless Communication Technologies.

**Duration:** Initial appointment is for one year, which is extendable for one more year based on performance of candidate and availability of funds.

### **Emolument:**

- The amount of PDF fellowship will be Rs 58,000 plus applicable HRA and Rs 50,000 plus applicable HRA for candidates who have submitted the thesis, but PhD degree not awarded. The HRA provision will be governed as per institute norms.

### **Aim of the project:**

To propose and analyse innovative system models for 6G wireless technologies, with a focus on capturing their unique architectural features, performance requirements, and potential use cases, while addressing the associated design and implementation challenges

### **Eligibility:**

#### **Essential Qualification:**

- M.E/M.Tech. or equivalent in relevant branches of Engineering/Technology with a first division as awarded by the awarding institute/university along with submission of Ph.D. thesis from a recognized university/institute.

Or

- B.E./B.Tech. or equivalent four-year degree in a relevant branch of Engineering/Technology with first division as awarded by the respective institute/university, along with submission of Ph.D. thesis from a recognized university/institute.

Or

- PhD or equivalent in relevant branches of Engineering/Technology with a first division in previous degrees as awarded by the awarding institute/university.

### **Desirable:**

- Strong background in wireless communication systems, particularly 5G/6G technologies, and signal processing for communications.
- Demonstrated ability to publish in top-tier conferences/journals



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Interested candidates are requested to attend ONLINE interview on **17<sup>th</sup> October 2025 (Tentative)**. The candidates should apply against the following google form link and upload the required documents.

Application Form : [Google form link](#)

Last Date for Submitting the Application form: **16<sup>th</sup> October 2025 (Thursday, 17.00 hrs)**

Tentative Date of Interview: **17<sup>th</sup> October 2025**

Google Meet link for the online interview will be sent to all the shortlisted candidates **tentatively by 16<sup>th</sup> October 2025**.

In case of any queries, please email to Dr. Swaminathan R ([swamiramabadran@iiti.ac.in](mailto:swamiramabadran@iiti.ac.in)) and cc to Prof. Prabhat Kumar Upadhyay ([pkupadhyay@iiti.ac.in](mailto:pkupadhyay@iiti.ac.in))

For ongoing research activities please refer to the homepages of Dr. Swaminathan R ([Homepage](#)) and Prof. Prabhat Kumar Upadhyay ([Homepage](#))