



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

Project Code No (of Institute): R&D/ECE/TTDF/24-25/32/677

Applications are invited from Indian nationals for the following position for the research project titled “**Empowering Sixth Sense Capabilities of Communication Network: Design and Development of Test-Bed for RIS-enabled Joint Sensing and Communication Systems**” sponsored by the Technology Development Fund (TTDF), an initiative under the Department of Telecommunications (DoT), Government of India.

1. **Name of the position:** Senior Research Fellow/ Postdoctoral Fellow.
2. **Number of positions:** 01
3. **Last date of Application:** Applicants should apply within 21 days of this advertisement.
4. **Emoluments (p.m.):** Rs 42,000 – 47000 per month, based on experience.
5. **HRA:** as per norms
6. **Essential Educational Qualification:**

If the candidate has a PhD degree:

- PhD with First Class in **Electronics and Communication Engineering** in the discipline/specialization concerned or in an allied discipline/area.
- 3 Years of research experience.

If the candidate has an M.Tech. degree:

- M.Tech. with First Class in **Electronics and Communication Engineering** in the discipline/specialization concerned or in an allied discipline/area.
- B.Tech with First Class in **Electronics and Communication Engineering** in the discipline/specialization concerned or in an allied discipline/area.
- 2 Years of research experience.

If the candidate has B.Tech. degree only:

- B Tech with a First Class in **Electronics and Communication Engineering** in the discipline/specialization concerned or in an allied discipline/area.
- 2 Years of research experience.

7. Desirable qualification:

- Strong knowledge of the fundamentals of Integrated Sensing and Communication (ISAC).
- Expertise in Physical Layer Design for wireless communication systems.
- Knowledge of Synchronization techniques for communication and sensing systems.
- Experience in FPGA-based implementation of ISAC systems.

8. Age and Age Relaxation: As per Annexure IV.

Application Procedure:

Interested and eligible candidates must submit their application through the Google Form provided below. Candidates must upload the prescribed Application Form, duly filled in and signed, along with all relevant supporting documents through the Google Form.

No separate email submission or hard copy submission is required.

Google Form: [Click here to submit the application](#)

Candidates must produce **all original documents at the time of the interview**, if shortlisted.

Note: No hard copy is required. The applicant needs to present all original documents at the time of the interview, if shortlisted, based on the submitted data in the application.

General Terms and Conditions:

1. The position is purely temporary and is coterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit based on qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be contacted to appear in the interview, and no other communications in this regard will be entertained.
4. The candidate is expected to join immediately if selected.
5. No TA/DA will be paid for attending the interview.
6. Other relevant Guidelines of the funding agency and the GoI rules will be followed.

Please feel free to contact me in case of any queries:

Dr Atul Kumar (Principal Investigator),

Assistant Professor,

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