

# भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI

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DATE: 08-07-2025

REF: IIITG/ACAD/2.3.4 (VPDF)/2025-06/01

# Postdoctoral Fellowship (PDF) Admission under Visvesvaraya PhD Scheme

Applications are invited for <u>01</u> (one) Postdoctoral Fellowship (**PDF**) position under Digital India Corporation, MeitY (Ministry of Electronics and Information Technology), Govt. of India "Visvesvaraya PhD scheme for Electronics and IT: Phase-II" at IIIT Guwahati for the academic year 2025-2026 in ESDM/ IT/ITES (broad areas of research).

#### **ELIGIBILITY AND DURATION:**

- 1. The PDF is awarded to researchers with a proven academic record, including peer-reviewed publications and recognitions.
- 2. It is a full-time, non-transferable, temporary position tenable in India only.
- 3. The fellowship is valid for **1 year**.
- 4. The PDF applicant should be an **Indian citizen**.
- 5. PDF applicants currently in regular employment will not be considered. However, scientists or researchers with temporary positions in academia or research institutions would be considered, but they would be required to relinquish their current roles if selected for the fellowship.
- 6. The PDF applicant must have obtained a PhD degree from a recognized University with **first class** (in terms of grades, etc.) in all preceding levels and a good academic record throughout.
- 7. PDF applicant should have completed PhD within the past 5 years on the last date of submission of application to the institution.
- 8. PDF applicants should not have completed their PhD at the same institution (host institution) where the PDF fellowship is to be awarded.
- 9. The upper age limit for the fellowship is **40 years** on the date of submission of application to the eligible participating institution (host institution).
- 10. The research proposal of the PDF applicant, to be submitted to the institution, should define clear objectives, outcomes and deliverables against the award.
- 11. Preference would be given to the PDF applicants who have active industry linkages and their research proposal is directed towards industry specific problems.
- 12. For more details, please refer: <u>Terms & Conditions and SOP for PDF</u>:

#### **FELLOWSHIP DETAILS:**

| Category                         | Fellowship Amount | Duration     | Additional Feature  |
|----------------------------------|-------------------|--------------|---|
| Postdoctoral<br>Fellowship (PDF) | ₹1,08,393/month   | Up to 1 year | Contingency Grant:<br>₹1,00,000/year (disbursed<br>on a <b>pro-rata</b> basis, e.g.<br>₹25,000/quarter) |

#### **RESEARCH AREAS:** ESDM/IT/ITES

| Name of Faculty   | Specific Research Area  |  |  |  |
|---|---|--|--|--|
| Department of Computer Science and Engineering          |   |  |  |  |
| Dr. Ferdous Ahmed Barbhuiya                             | Information Security, Cloud & IoT, ML/NLP                       |  |  |  |
| Dr. Rakesh Matam  | Systems and Networking, Cybersecurity                           |  |  |  |
| Dr. Moumita Roy   | Deep Learning, Remote Sensing, Structural Health<br>Monitoring  |  |  |  |
| Dr. Subhasish Dhal                                      | Network & Information Security, Machine Learning, IoT           |  |  |  |
| Department of Electronics and Communication Engineering |   |  |  |  |
| Dr. Sudip Biswas  | Quantum Computing and Signal Processing for 6G Communication    |  |  |  |
| Dr. Surajit Panja                                       | Swarm Robotics  |  |  |  |
| Dr. Shovan Barma  | Design of AI Co-Pilot for Medical Applications                  |  |  |  |
| Dr. Mourina Ghosh                                       | Design of Memristor-Enabled Circuits for VLSI Signal Processing |  |  |  |
| Dr. Sounak Roy  | Analog VLSI Design, Mixed Signal Circuit Design                 |  |  |  |

#### **SUBMISSION OF APPLICATION FORM**

Interested candidates are requested to apply by filling up the Google Form in the link provided below:

### **Google Form**

Please upload duly filled-in <u>APPLICATION FORM</u>, certificates and mark sheets and other relevant documents in the google form. All scanned documents must be self-attested on every page and are PDF files. All PDF files should be **less than 10 MB.** 

# **IMPORTANT DATES:**

| Last Date for submission of application form | 10 August 2025            |  |
|--|---------------------------|--|
| Tentative Schedule for Interview             | Third week of August 2025 |  |

## **NOTE:**

- i) Candidates can apply through the prescribed application form only.
- ii) Fulfilling the minimum criteria does not entitle a candidate to be shortlisted or selected.
- iii) There is no application fee.
- iv) No TA/ DA will be provided attending the selection process at IIITG campus.
- v) Only shortlisted / selected candidates will be communicated over email.

For any clarification/doubt, contact email at <a href="mailto:acadphd@iiitg.ac.in">acadphd@iiitg.ac.in</a> /adpg@iiitg.ac.in. For general queries, contact at 0361-2801090 (Academic Section).