**IITI DRISHTI CPS FOUNDATION**
**(A Section 8 - Not for Profit Company)**

Advt. No. – IITI-DRISHTI-CPS/Sec-8/2026/07                    Date: 10ᵗʰ February 2026

IITI DRISHTI CPS Foundation is a Technology Translation Research Park (TTRP) hosted at IIT Indore and supported by the Department of Science & Technology (DST), Government of India. The Foundation focuses on Digital Healthcare, Cyber-Physical Systems, system simulation and modelling, translational research, and commercialization of deep-tech innovations. The Foundation works closely with researchers, clinicians, hospitals, healthcare institutions, government bodies, and industry partners to translate technologies from early-stage research to large-scale deployment and commercialization. One of the flagship platforms developed in-house is CharakDT, a rapidly evolving Digital Health and Clinical Decision Support ecosystem. More details about the company are available at: http://drishticps.iiti.ac.in/

**Position Title**: Technology Translation Research Fellow (TTRF)

**Key Responsibilities:**

**Technology Translation & Readiness Assessment**

- Conduct technology translation–focused research in Cyber-Physical Systems (CPS) domain of digital healthcare, with a focus on practical applications and technological advancements
- Support development of **technology roadmaps**, validation plans, and pilot deployment strategies.
- Identify promising research outputs within IIT Indore and partner institutions for translation.
- Conduct **technology readiness level (TRL)** and **market readiness level (MRL)** assessments.
- Assist research teams in defining value propositions, use cases, and deployment pathways.

**2. Program & Project Management**

- Track progress of ongoing technology development projects supported by DRISHTI CPS.
- Coordinate milestones, deliverables, and risk mitigation plans across multi-institutional teams.
- Support launch and execution of **thematic technology development programs** and internal funding schemes.
- Prepare progress reports, dashboards, and review documents for internal and external stakeholders.

**3. Industry & Ecosystem Engagement**

- Facilitate interactions between researchers, startups, industry partners, and government agencies.
- Support industry validation, field trials, pilots, and co-development initiatives.
- Assist in identifying licensing, spin-off, and startup formation opportunities.

● Engage with incubators, accelerators, and funding agencies to enable downstream adoption.

### 4. Funding, Proposals & Documentation

● Support preparation of **technology-focused grant proposals**, concept notes, and white papers.
● Assist in compliance, documentation, and reporting for funded programs.
● Contribute to creation of SOPs, best practices, and playbooks for technology translation.

### 5. Strategic & National Alignment

● Map technology initiatives to **national missions and priorities** (healthcare, mobility, energy, smart infrastructure, AI, cyber-physical systems).
● Support impact assessment, scalability analysis, and policy-relevant documentation.
● Contribute to thought leadership, case studies, and dissemination activities.

### Qualifications, Skills & Eligibility:

**Essential**

● The applicant should be an Indian citizen.
● The applicant must have obtained a Ph.D. degree in Technology and/or Scientific domain (computer science, biotechnology, bioinformatics, electrical engineering, or a related discipline or higher qualifications for Healthcare domain specifically) from a recognized University.
● Upper age limit: 35 years on the last date of application.
● Strong understanding of applied research, product development, or systems engineering.
● Strong technical proficiency in CPS research, including the ability to understand field inputs and define problem statements, with skills in image processing, data analytics and data modeling, and programming languages.
● Strong knowledge and expertise in Internet of Things (IoT), Artificial Intelligence (AI), Machine Learning (ML) and other upcoming technologies.

**Desirable**

● Familiarity with TRL frameworks, regulatory pathways (especially in healthcare or deep-tech), and IP processes.
● Exposure to grant management, industry-sponsored research, or government-funded programs.
● Ability to work across disciplines (engineering, healthcare, policy, entrepreneurship).
● Familiarity with grant writing, proposal development, and securing funding in the research domain.

**Eligibility:** Candidates who have already applied under Cohort 1 are kindly requested not to apply again.

**Compensation**: Fellowship upto Rs. 1,25,000/- per month

Interested candidates may click here to submit the application.

Only shortlisted candidates will be called for a written test/interaction/interview. Mere fulfillment of the eligibility criteria does not entitle an applicant to be shortlisted. All the applications will be thoroughly evaluated for suitability with the company's requirements. The company reserves the right to not fill up /cancel the post advertised without assigning any reason. In the case of selection, the role will be finalized by the selection panel and the decision will be binding. The position is contractual, full-time in nature and subject to periodic performance reviews.