



आईआईटीआई दृष्टि सीपीएस फाउंडेशन, भारतीय प्रौद्योगिकी संस्थान इन्दौर
खंडवा रोड, सिमरोल, इन्दौर – 453 552, मध्य प्रदेश, भारत
IITI DRISHTI CPS Foundation, Indian Institute of Technology Indore
Khandwa Road, Simrol, Indore - 453 552, Madhya Pradesh, India

CIN: U73100MP2020NPL054322

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

Advt. No. – IITI-DRISHTI-CPS/Sec-8/2026/29

Date: 10th September 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: <https://drishticps.org/>

Job Title: Research Scientist

Job Location: IIT Indore (Onsite)

No. of Positions: 2

Duration: One year, subject to change as per project requirements.

Age Limit: 35 years (relaxation as per Government of India rules)

Job Summary:

IITI DRISHTI CPS Foundation invites applications for Research Scientist positions to support interdisciplinary research and development of AI-enabled clinical decision-support and digital healthcare solutions, with a focus on neurological disorders, sleep disorders, obstetrics, and other clinically relevant conditions.

The selected candidates will work closely with clinicians, biomedical researchers, data scientists, software developers and technology teams and will contribute to the development, validation and documentation of healthcare technologies. The position provides an opportunity to work at the interface of clinical research, biomedical data, AI/ML and digital health.



Roles and Responsibilities:

- Conduct structured literature reviews and state-of-the-art analysis to identify clinical, technological, and research gaps relevant to ongoing projects and support the development of evidence-based clinical decision-support systems.
- Conduct market and technology landscape analysis, including assessment of existing medical devices, digital health platforms, and competing technologies.
- Assist in the collection, curation, preprocessing, and analysis of biomedical and clinical datasets, including physiological signals, where applicable.
- Support the analysis and interpretation of EEG, ECG, polysomnography, and other multimodal physiological data, depending on project requirements.
- Assist in developing, testing, and evaluating AI/ML-based prediction and classification models in collaboration with technical teams.
- Coordinate with clinicians and research partners for data collection, clinical interpretation, and validation.
- Maintain project-related technical documentation, datasets, analysis records, and standard operating procedures.
- Assist in the preparation of technical reports, presentations, manuscripts, grant proposals, and project documentation.
- Support prototype testing and translation of research outputs into practical digital healthcare applications.
- Perform other technical and research activities assigned by the Principal Investigator in relation to the project.

Preferred Skills:

- Experience in EEG, ECG, polysomnography (PSG), sleep, or other physiological signal data analysis.
- Background or experience in neurobiology, neuroscience, pulmonology, sleep medicine, obstetrics, or related biomedical fields.
- Experience with Python, R, MATLAB, or other programming/data-analysis languages.
- Exposure to AI/ML-based prediction, classification, or risk-stratification models.
- Familiarity with digital healthcare, medical devices, clinical decision-support systems, or health-tech applications.
- Ability to conduct scientific literature reviews and critically evaluate clinical evidence and emerging technologies.
- Experience in handling, organizing, or annotating multimodal clinical or biomedical datasets.



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Qualifications & Experience:

Experience: 1 to 2 years of relevant work experience.

Education: Postgraduate degree in Biology or related disciplines, OR Four-year graduate degree in Biology or related disciplines from a recognized university/institution,

Compensation: As per Industry Standards

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.