



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

Advt. No. – IITI-DRISHTI-CPS/Sec-8/2026/26

Date: 24th July 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: Engineer (System Design)

Job Location: IIT Indore (Onsite)

No. of Positions: 1

Job Summary

DRISHTI CPS Foundation is seeking a System Design Engineer to support the planning, design, establishment, and commissioning of multidisciplinary research and technology laboratories. The role will involve translating research and technology requirements into laboratory infrastructure, equipment, and system specifications, and coordinating the setup of labs from concept to operational readiness.

The ideal candidate will have a strong background in medical device design, multidisciplinary system development, prototyping, and technology innovation, along with experience in developing patented devices.

Key Responsibilities:

- Plan and design laboratories based on research, technology development, prototyping, and testing requirements.
- Develop laboratory layouts, system architectures, equipment specifications, and infrastructure requirements.



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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

- Identify and recommend suitable equipment, instruments, tools, and technology platforms for various laboratories.
- Coordinate equipment procurement, installation, integration, commissioning, and validation.
- Work with faculty, researchers, industry partners, vendors, and technical teams for effective laboratory establishment.
- Develop SOPs, equipment documentation, maintenance plans, and laboratory guidelines.
- Support the integration of sensors, embedded systems, medical devices, IoT, electronics, instrumentation, and other technology platforms.
- Support prototyping, testing, troubleshooting, and validation of systems and devices developed within the laboratories.
- Maintain technical documentation, equipment specifications, asset records, and commissioning reports.
- Contribute to the development of laboratories as functional R&D, prototyping, testing, and technology demonstration facilities.

Qualifications

- Master's degree in Medical Device Design, Medical Device Engineering, Biomedical Engineering, or a closely related discipline.
- Bachelor's degree in Mechanical Engineering, Electronics, Electrical Engineering, Instrumentation, Mechatronics, Biomedical Engineering, or a related field.
- Strong understanding of medical device development, system design, prototyping, and multidisciplinary engineering.

Experience

- 3+ years of relevant professional experience in laboratory setup, R&D facilities, prototyping, medical device development, or technology infrastructure.
- Hands-on experience in medical device design and development.
- Demonstrated experience in developing innovative devices, including patents or intellectual property related to device development.
- Experience in equipment selection, technical specification preparation, procurement support, installation, and commissioning will be preferred.
- Experience in research, product development, technology translation, or industry-academia collaboration is desirable.



Skills

- Strong skills in system design, laboratory planning, equipment selection, and system integration.
- Knowledge of medical devices, sensors, instrumentation, embedded systems, IoT, electronics, CAD, prototyping, and testing systems.
- Ability to translate research and project requirements into laboratory infrastructure and technical specifications.
- Strong vendor coordination, technical evaluation, troubleshooting, project management, and documentation skills.
- Ability to work with multidisciplinary teams and manage multiple laboratory setup activities independently.
- Strong analytical, problem-solving, communication, and teamwork skills.

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.