

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

Advt. No. – IITI-DRISHTI-CPS/Sec-8/2024/02

Date: 22 Feb, 2024

IITI DRISHTI CPS Foundation (DRISHTI CPS) was established at IIT Indore as a Technology Innovation Hub (TIH) for System Simulation, Modeling, and Visualization under the aegis of the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS). The hub is being supported by the Department of Science & Technology, Government of India. More details about the company are available at: <http://drishticps.iiti.ac.in/>

Job Title: CHANAKYA Post-Doctoral Fellows

Job Location: IITI DRISHTI CPS Foundation office, located at IIT Indore Campus.

Job Description: The CHANAKYA Post-Doctoral Fellowship (PDF) supports technologically focused doctoral students and doctorates in enhancing existing technologies. It offers funding for translational experiments aimed at securing funding for product commercialization, through collaboration with the IITI DRISHTI CPS Foundation. Postdoctoral Fellows closely collaborate with their faculty advisor, DRISHTI CPS team and professionals working in similar and complementary industries to advance commercialization efforts.

Essential Qualifications:

1. The applicants must have submitted their Ph.D. from a recognized Indian University/ Engineering Institute.
2. The applicants must have worked on the wide domain of Cyber Physical Systems and related areas in their research pursuit and/or projects during their Ph.D.
3. The applicants must have at least two publications in SCI journals/other publications in reputed journals with good impact factors.

Age Criteria: The fellowship has a maximum age limit of 35 years at the time of application submission, calculated based on the closing date of the call. Candidates from SC/ST/OBC/Physically Challenged & Women categories are eligible for a 5-year age relaxation.

Minimum Work Experience: Patent/prototype/mature study ready, experience in a course/skill/ laboratory development, and involvement in other professional activities.

Eligibility:

1. The Post-Doctoral (PD) Fellows will not be eligible to receive any other fellowship from any Government or Non-Governmental source during the tenure of the program.
2. Applicants in regular employment are not eligible for this program.

Support:

The applicants will be entitled to receive the following grants:

S.No.	Budget Head	Amount
1	Fellowship	Rs. 65,000/- +18% HRA per month
2	Research Grant	Rs. 2,00,000/- per annum

For Applicants with entrepreneurial outcome-oriented research shall get an additional amount of up to Rs35,000 for taking their innovation to the market through registration of legal entity (Pvt Ltd), approval from DIPP under Startup India program and other success parameters related to entrepreneurship.

Note:

1. Research grants should be utilized flexibly for the procurement of consumables, minor equipment, software, IoT devices, operational expenses related to an existing facility used in the idea, domestic travel, etc. Laptops, computers, printers, and personal electronic devices should not be procured through the research grant. There is no provision for providing research personnel support under this program.
2. The CHANAKYA PD Fellows are not required to identify a mentor institute or faculty member at this stage.
3. The PDF is expected to be involved in the following engagements apart from regular research work. This is a tentative list and more particulars may be added from time to time based on requirements of work being done at IITI DRISHTI CPS Foundation.

S .No.	Particulars
1.	Industrial consultancy and projects
2.	Support for IITI DRISHTI CPS Foundation works including but not limited to evaluation for shortlisting, screening and review processes, technology development, outreach with respect to various programs/ proposals
3.	Pursuit of Application and Operationalizing Domestic and International collaborations
4.	Sharing knowledge in skill development programs
5.	Provide inputs in various publicity and research materials including quarterly outreach bulletin, social media outreach material, white papers, and other such requirements.

Duration of Support:

The tenure of the CHANAKYA Post-Doctoral Fellowship will be initially for 1 year which may be extended further for another 1 year with respect to outcome and performance based on periodic progress reviews on parameters including but not limited to as significant

progress towards commercialization of technology, high-quality research publications, intellectual property (IP) generation, initiation of a start-up etc.

Selection Procedure: The following broad procedure would be followed for the selection of the CHANAKYA PD Fellows

1) Prospective doctoral students/ candidates can submit their applications using the following link:

Application Link: <https://bit.ly/Drishti-fellowships>

2) The shortlisting of applicants would be through a 'peer review' process wherein the applications would be initially reviewed by IITI DRISHTI CPS Team.

3) Based on this review, the shortlisted candidates would need to present their proposed idea highlighting the end product (hardware/software), the scope for patent/commercialization, end/target customers, current TRL, expected end TRL, proposed budget, etc. Candidates must also highlight their vision for IITI DRISHTI CPS Foundation and plan to meet the same.

4) A selection committee constituted for the purpose would assess the applicants based on the quality of their idea and the strength of their profiles.

IITI DRISHTI CPS Foundation reserves the right to terminate the PDF at any stage if it is convinced that appropriate progress is not being made or the grant has not been utilized properly. The company reserves the right to not fill up /cancel the post advertised without assigning any reason.