

Call for Doctoral, Post-graduate, and Graduate Fellowships

under

Technology Incubation Hub (TIH) of National Mission on Interdisciplinary Cyber-Physical Systems (NMICPS)

for

IIT Bhilai Innovation and Technology Foundation (IBITF) in FinTech Technologies for FY 2022-23

Financial technology, often shortened to FinTech, is the technology and innovation that aims to compete with traditional financial methods in the delivery of financial services. It is an emerging industry that uses technology to improve activities in finance. The use of smartphones for mobile banking, investing services, and cryptocurrency are examples of technologies aiming to make financial services more accessible to the public. Financial technology companies consist of both startups and established financial institutions and technology companies trying to replace or enhance the usage of financial services provided by existing financial companies. Within the financial services industry, some of the used technologies include artificial intelligence (AI), big data, robotic process automation (RPA), and blockchain. The financial technologies and tools are nowadays undergoing a quantum leap at both micro and macro levels, keeping pace with the enormous advancements happening in the domains of Information technology and data sciences, further turbocharged by the easy access to various Internet and mobile platforms, as never seen before in the history of mankind. These changes will, to a great extent, impact all forms of trading and financial activities, and are demonstrating great promise to benefit both the government and industry stakeholders, as well as the retail sector merchants and consumers, in their day-to-day business dealings.

The Technology Innovation Hub (TIH) at IIT Bhilai is one of the 25 hubs set up under the National Mission of Interdisciplinary Cyber-Physical Systems (NM-ICPS) program of the Department of Science and Technology. The TIH at IIT Bhilai is the nodal center for spearheading Entrepreneurship, Research and Development, HRD and Skill development, and collaboration-related activities in the area of Financial Technologies. IIT Bhilai Innovation and Technology Foundation (IBITF) is a Section 8 company responsible for executing the activities of TIH. IBITF thematic areas include:

- e-Payment Systems
- Blockchain Technologies for FinTech
- Artificial Intelligence for FinTech
- Internet of Things for FinTech
- Secure Financial Transactions

The fellowship's program of TIH at IIT Bhilai aims to engage highly motivated and talented graduate and postgraduate students in research, design and development of prototype leading to start-ups and entrepreneurial developments, in the areas aligned with IBITF's thematic areas. The students will have the opportunity to participate in cutting-edge innovation projects and work with leading experts in the field of Financial Technologies.

Application Submission Deadline:-Rolling Advertisement

Shortlisted applicants will be informed through email about further procedure.

For any queries, please write to tih@iitbhilai.ac.in

Name of Fellowship	IBITF Doctoral Fellowship
Number of Fellowships	20
Who can apply? (Eligibility)	<ul style="list-style-type: none"> • Full-time PhD students from Engineering Institutions or B-Schools under the mentorship of a faculty member of the corresponding institution and the project plan should have been prepared in consultation with the mentor. The project plan must be within IBITF's thematic areas. • The student should have completed at most 12 months in the Ph.D. program if he/she joined the program a Master's degree; and should have completed at most 24 months in the PhD program if he/she joined the Ph.D. program with a Bachelor's degree. The relevant period of 12 months or 24 months will be counted from the date of admission to the PhD program till the date of application. • The student should have excellent ideas and exposure relevant to IBITF. Students who have already availed IBITF's fellowship with excellent progress and continuing for the PhD will be given preference.
Duration	Initially, for 2 years but may be extended based on the performance evaluation. The maximum duration of the fellowship will be 4 years. The fellowship can be extended by an additional year on a case-by-case basis. The progress of the candidate will be reviewed by a committee, and continuation of fellowship will be subject to the candidate's satisfactory performance.
Fellowship	Rs. 38,750/- per month (I & II years); Rs. 43,750/- (III & IV year)
Performance Indicator	Good quality publications, IP, and Technology transfer

Name of Fellowship	IBITF Postgraduate Fellowship
Number of Fellowships	20
Who can apply? (Eligibility)	Full-time postgraduate students from Engineering Institutions or B-Schools under the mentorship of a faculty member of the corresponding institution and the project plan should have been prepared in consultation with the mentor. The project plan must be within IBITF's thematic areas. If selected, the applicant cannot avail of any other fellowship concurrently.
Duration	Maximum 24 months. The progress of the candidate will be reviewed by a committee, and the continuation of the fellowship will be subject to the candidate's satisfactory performance.
Fellowship	Rs. 15,000/- per month
Performance Indicator	Good quality publications, IP and Technology transfer

Name of Fellowship	IBITF Undergraduate Fellowship
Number of Fellowships	100
Who can apply? (Eligibility)	Full-time undergraduate students from Engineering Institutions or B-Schools under the mentorship of a faculty member of the corresponding institution and the project plan should have been prepared in consultation with the mentor. The project plan should be related to IBITF's thematic areas and other related areas.
Duration	Maximum 12 months. The progress of the candidate will be reviewed by a committee, and the continuation of the fellowship will be subject to the candidate's satisfactory performance. Undergraduate fellowship is applicable during the actual number of months (including summer and winter vacations) a student has worked on the project.
Fellowship	Rs. 7,500/- per month
Performance Indicator	Good quality publications, IP and Technology transfer