

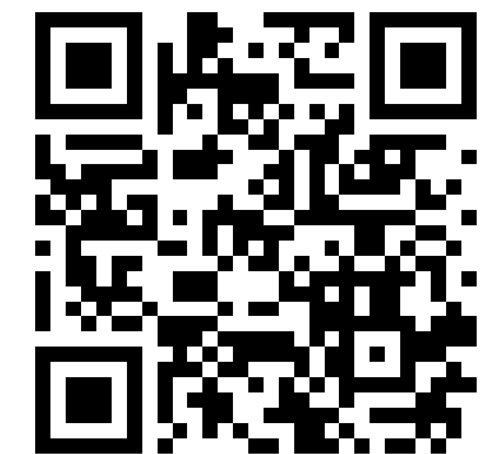
TIH-IoT CHANAKYA Group (UG, PG & PhD) Fellowship

About TIH Foundation for IoT & IoE (TIH-IoT)

TIH Foundation for IoT & IoE (TIH-IoT) has been setup as a Section-8 company (not-for-profit) by IIT Bombay under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), being implemented by the Department of Science and Technology (DST), Government of India. Technology Innovation Hub for IoT & IoE (TIH-IoT) at IIT Bombay is focusing on creating a self-sustaining innovation continuum by fostering translational research for technology & product development, building highly knowledgeable human resource and a vibrant start-up ecosystem, in the technology vertical of Internet of Things (IoT). The goal is to help India become a pioneer in technology led economic growth and prepare the country to be the world leader in the technology arena.

TIH-IoT CHANAKYA Group (UG, PG & PhD) Fellowship

Comprehensive and Holistic Advancement of National Knowledge Yield and Analytics (CHANAKYA) is an initiative under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) with a focus on human resource development. TIH-IoT CHANAKYA Group (UG, PG & PhD) Fellowships are primarily aimed at encouraging in-depth analysis and enrich knowledge in CPS, creating new scientific knowledge/ technology solutions and solving problems of industry using CPS. This program provides an opportunity for faculty to form a group of students from various academic levels (UG, PG, PhD) to work on a project in the areas of IoT. The project is proposed by the faculty and the students are a part of that team.



Scan QR to apply

Apply at - tih.iitb.ac.in/fellowships

Project Areas

Project proposals must be in the broad area of IoT and IoE and its applications, including, but not limited to:

Application Areas

Agriculture
Healthcare
Industrial IoT
Security Systems
Smart Education
Smart Cities
Other relevant areas

Technology

Sensors
Network and communication
Cloud Computing
Secured Edge Computing
Smart Actuator System
Software based projects (IoT Platform and applications)
Security

Guidelines for Group Formation

- Faculty mentor/supervisor should apply on behalf of the group/team.
- Faculty mentor/supervisor should form a team to work on the proposed project
- The team should comprise of Undergraduate (UG), Postgraduate (PG) and Doctoral (PhD) students.
- The group must consist of two to five students (minimum one student from PG or PhD, maximum three students from UG, two from PG and one from PhD students)
- In case the faculty mentor/supervisor would like to create a provision for a PhD student who is yet to be admitted by the Institute, the faculty mentor/supervisor may express interest through the form and share the details of the student after the admission in the current academic year.

Support

A maximum of INR 2,00,000/- (Two Lakhs) per project towards consumables and contingency

Fellowship

Undergraduate (UG)

Duration upto 10 months.
Monthly stipend of INR 10,000/-.

Postgraduate (PG)

Duration upto 2 years
Monthly fellowship of INR 12,400/-.

Doctoral (PhD)

Monthly fellowship of INR 31,000/- for first and second year. INR 35,000/- for third and fourth year.
Duration 4 years extendable upto 5 years

Eligibility Criteria:

- Students should have a minimum Cumulative Grade Point Average (CGPA) /Cumulative Performance Index (CPI) of 6.0 on the scale of 0-10; or a minimum of 60% marks in aggregate, till immediate previous semester/year/degree, at the time of start of internship/fellowship.
- Students should not be receiving any other scholarship/grants from government funds, during the period of internship.

Undergraduate (UG)

- Students pursuing undergraduate degree in any discipline of engineering/science will be eligible for the internship.
- Engineering students should be in pre-final or final year of their respective courses at the time of the start of internship.
- Science students should have completed the second year.

Postgraduate (PG)

- Students admitted to PG programmes in CPS or related areas and having a valid GATE score, at different technical institutions like IITs, NITs and other AICTE approved engineering institutions.

Doctoral (PhD)

- Students admitted to PhD programmes in CPS or related areas, at different technical institutions like IITs, NITs and other AICTE approved engineering institutions.