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.

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

Last Date to Apply
November 21, 2021
11:59 pm IST.

Scan QR to apply
**Project Areas**

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

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

- **Application Areas**
  - Agriculture
  - Healthcare
  - Industrial IoT
  - Security Systems
  - Smart Education
  - Smart Cities
  - Other relevant areas

**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.

Contact - fellowship@tihiitb.org