



PhD & MTech (Research) in Cyber-Physical Systems at IISc

Salient Programme Features

- Interdisciplinary research with faculty from diverse disciplines - communication, control, machine learning, robotics, and autonomous systems.
- Right balance of theory and hands-on training for solving fundamental and applied research problems.
- Industry exposure via industry-academia collaborative research projects.
- Entrepreneurship opportunities through IISc Technology and Innovation Hub (ARTPARK) to incubate and translate research.
- Attractive fellowships and travel grants to selective PhD students from government and industry.
- Exciting careers in innovation-driven industries, government research organisations, and academia.



ADMISSIONS



MORE INFO



Facilities

- Walking and mobile robots
- Robotic manipulators
- In-house makery
- Drone testbed
- 5G autonomous vehicle testbed
- Networked robotics testbed
- ARTPARK-Technopreneurship Hub

Research Themes

- Control and optimisation
- Mobile robotics and drones
- AI and machine learning
- Communication and networking
- IoT and embedded systems
- Security and privacy
- Data analytics and computing
- Human-computer interaction
- Design and analysis of CPS

Applications

- Mobile robotics and drones
- Multi-robot systems
- Smart grid
- Autonomous vehicles