# Robotics Summer Internship 2024

## Supported by ARTPARK, IISc

The Robert Bosch Centre for Cyber-Physical Systems, Indian Institute of Science, announces the Robotics Summer Internship Program for 2024.

- The summer internship is open to bright and motivated Bachelor's (B.E./B.Tech/B.Stat/B.Math/B.Sc) as well as Master's (M.E./M.Tech/M.Stat/M.Sc) level students in India, interested in Robotics and allied areas.
- Each intern will be assigned a faculty member of RBCCPS to mentor them during the internship. The expected internship period is from 1st May 2024 to 31st July 2024. However, the exact dates can be flexible and may be decided in consultation with the respective internship mentors.
- This internship can either be in-person, virtual, or hybrid. However, the interns will be provided only a consolidated amount of Rs. 10,000 per month as a stipend, i.e., accommodation and travel would have to be arranged by the candidates themselves. The institute will not be providing accommodation or travel support.
- It is preferable that the interns use their own laptops for their project; networking and internet resources will be provided by the department.

## 🗓 Requirements

We accept Undergraduate and Masters students at all levels.
However, excellent grades and/or prior experience in Robotics /Control/Machine Learning/AI is preferred.

**Applicants are expected to have:**
- Programming expertise in one or more: Python, C++, MATLAB
- Coursework or Project Experience in one or more:
Robotics, Control, Motion Planning, Artificial Intelligence, Machine Learning, Deep Learning, Reinforcement Learning, Computer Vision, Natural Language

**Preferred:**
- Familiarity with ML Tools: Pytorch/TensorFlow
- Familiarity with Robotics Tools: ROS, Simulation Tools, OpenCV, PCL, OMPL, MoveIt.

## 📅 Important Dates

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| Deadline for Application. | March 15th, 2024. |
| Announcement of Results. | March 31st, 2024. |
| Online Application Form. | click here. |

## Selection Process

The online applications will be reviewed by a committee of faculty members at RBCCPS, and the selected candidates will be informed of their selection, and the list will also be posted on RBCCPS website.

The selection committee's decision will be final, and no correspondence will be entertained.

**Recommendation Letter:** A recommendation letter for the applicant is mandatory. No recommendation letter is needed at the time of application, instead you only need to provide the email id of a referee. The referee can be anybody who can vouch for you and your work. Students will have to submit the details of the referee, and we will send requests directly to the referee for shortlisted candidates.

All information (e.g., GPA/percentages) entered in your application is subject to verification, and internship offers will be made to shortlisted candidates only after such verification.

## Queries

For additional queries, please email **opportunities.cps[at] iisc [dot] ac [dot]in**.