

Role: Project Associate at EE, Indian Institute of Science

Project: Robust formation control for multiple ground robots

Responsibilities:

1. Read and understand the literature on formation control for multiple vehicles in the presence of disturbances.
2. Develop control and guidance strategies.
3. Implement the algorithms on the Gazebo.
4. Conduct experiments on ground robots and contribute to publications.

Qualifications: BE\BTech or ME\MTech in EE, ECE, Mechanical or related areas.

Requirements:

1. Good knowledge of controls and applied math.
2. Familiarity with basic MATLAB and Python.
3. Good experience with ROS and Gazebo would be preferable.
4. Communication, enthusiasm, problem-solving, and punctuality take precedence over the above-mentioned tools/frameworks.

Job Location: IISc, Bangalore.

Salary: As per IISc norms

Duration: Initially 3 months, extendable on satisfactory performance

Note: This Job post is only for M.Tech/B.Tech graduates from relevant branches as mentioned in the qualifications section and NOT FOR CURRENT STUDENTS.

Interested candidates, please email your resume to Kiran Kumari (kirank@iisc.ac.in) with the subject line "Application for project associate".

Deadline for application: Open until filled