

# INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI

(A State University established by Govt. of NCT of Delhi)

Date: 9 Apr. 2024

## PhD Student Positions Advertisement: Robotics, Path Planning and Controls

[ALIVE \(Autonomous Last mile Vehicle\)](#) at IIIT-Delhi is looking for PhD students who would like to make research contributions that address challenges in the state-of-the-art in autonomous driving for the Indian urban last mile. The student will work on aspects of path planning and controls. The student should demonstrate a good understanding of path planning algorithms and/or control systems at the undergraduate level. The student should be comfortable with related topics in mathematics, as covered in an undergraduate curriculum. The student must be comfortable with programming as may be required in the context of a robotic system.

Students will be expected to help integrate outputs of their research with the ALIVE autonomous vehicle platform. They will work with engineers who will help with the same.

Post	PhD Student
Monthly remunerations	up to Rs. 50,000 (all inclusive)
Essential qualifications and experience	<ul style="list-style-type: none"><li>- Bachelor's or Master's degree in Computer Science or equivalent</li><li>- Undergraduate level vector calculus, linear algebra, control systems, and probability and statistics</li><li>- Ability to create simulations using C++/ Python/Matlab</li><li>- Exposure to Ubuntu / Linux and Git is desirable</li><li>- Exposure to ROS is desirable</li><li>- Experience with one or more of the following is desirable<ul style="list-style-type: none"><li>o OMPL, CARLA, Gazebo</li></ul></li></ul>
Last date for application submission	<b>30 Apr. 2024</b> Position will be filled as soon as a suitable candidate is found.

Why should you apply for this position? [See here](#).

To apply, fill [this Google form](#).