

Robotics Mentorship Program

Basics 60 Days

Starting Point For Your Career Path •••

Our Mission & Vision

We help undergrad and post grad students struggling to get industrial experience with our Industry Grade Mentorship programs which help them to become corporate-ready individuals and possess the skillset to take on any challenges without any self-doubt.



Mission

Our aim is to become one of the most preferred education technology platforms across the globe.



Vision

We envision a world in which each student receives the effective, equitable, and engaging education they need to reach their full and unique potential.



WHAT MAKES US UNIQUE!



Live Mentorship



Regular Evaluation



Multiple Domains



Career Assistance



Challenge Based Training



Resume Building



COURSE CURRICULUM

14 SESSIONS

- ▶ **Induction Class**
- ▶ **Introduction**
 - Introduction to Robotics**
 - Explanation of various Examples like ABB, KUKA, etc**
- ▶ **Micro controller Arduino**
 - ATMega 328p, Architecture and Block Arduino working**
 - Integration of sensors and actuators**





Arduino

DC Motors, Servo and Stepper Motors



Communication Kinematics

DOF, Forward Kinematics and Inverse Kinematics



ROS

Introduction to ROS



ROS II ROS III

Installation and Environment setup
Computational Graph



Minor

Minor Project Discussion

ROS IV Message

ROS Topics

- ROS Publish/Subscribe

Motion

Motion in ROS

Tools Example

Some other tools in ROS Introduction

Working on TurtleBot





Opencv

[OpenCV application in ROS](#)



Serial ROS Major

[Arduino with ROS](#)

[Major Project Discussion](#)



Support

[Tricks & Tips to clear interview questions](#)

[Most preffered interview questions](#)

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