

Course: Robotics

Course Code: noc21-me76

Session: 2020-21

Duration: 8 Weeks

Assessment procedures: Weekly Assignment (25%) + proctored certification Exam (75%)

Curriculum of the Course:

Week 1:

- Introduction to Robots and Robotics

Week 2:

- Introduction to Robots and Robotics (contd.); Robot Kinematics

Week 3:

- Robot Kinematics (contd.);

Week 4:

- Robot Kinematics; Trajectory Planning

Week 5:

- Robot Dynamics

Week 6:

- Control Scheme; Sensors; Robot Vision

Week 7:

- Robot Vision; Robot Motion Planning

Week 8:

- Intelligent Robot; Biped Walking; Summary

List of students enrolled

S. No.	Name of Student
1.	Anjali Mukherji
2.	Hritik Gaur
3.	Pramod Jain
4.	Priyanka Chauhan
5.	Aman Saini
6.	Sudesh Garg
7.	Tushar sharma
8.	Poorvaja Verma
9.	Yogesh kumar singh