

Joint Online One Week Certificate Program

Social Robotics & AI

June 28 – July 04, 2021

Principal Coordinator: PDPM IIITDM, Jabalpur

Jointly Organized by:
MNIT Jaipur
PDPM IIITDM Jabalpur
NIT Patna



Objective & Scope

The course imparts in depth knowledge on Social Robotics.

Speakers (tentative)

- Prof. Ashish Dutta, Professor, IIT Kanpur
- Prof. Aparajita Ojha, Professor, PDPM IIITDM Jabalpur
- Prof. Domineco Prattichizzo, University of Siena, Italy
- Dr. Madan Mohan Dabbeeru, Rakuten India
- Prof. T. Matsumaru, Waseda University, Japan
- Prof. Tomohiro Shibata, Kyushu University, Japan
- Prof. Vijay Kumar Gupta, Professor, PDPM IIITDM Jabalpur
- Prof. V.M. Gadre, Professor, IIT Bombay
- Dr. Shantha Kumar Mohan, IIT Palakkad

Key Features

- Online / Live lectures sessions by subject experts.
- Comprehensive tutorials and practice notes.
- Online lab and training sessions.
- Follow up sessions and discussion forums on research problems and internships.

Last Date for registration:
June 25, 2021

Link for registration:

<https://forms.gle/9Rnvw1c3PNgRtQge7>

Joint Principal Coordinators

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Course Contents

- Introduction to Robotics
- Robot Kinematics
- Wheeled Mobile Robots
- Artificial Intelligence and Machine Learning
- Deep Learning for Computer Vision
- Path and Trajectory Planning
- Reinforcement Learning
- Robots in healthcare
- Robot Control and Design
- Rehabilitation Robotics

Course Fee Details

Academic (student/faculty): 500 INR

Industry People : 1000 INR

Others : 1000 INR

Foreign Participants: 4000 INR

Online payment details:

Bank Name: Indian Bank/Allahabad Bank

Account Name: NIT Patna

Account No.: 50380476798

IFSC Code: IDIB000B810

For more details and application form visit:

<http://www.nitp.ac.in/ict/index.php>

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