

	0930-1030	1030-1100	1100-1115	1115-1200	1200-1215	1215-1245	1245-1300	0200-0330	0330-0345	0345-0515	0515-0530
28-Jun	Robotics2Rural: Innovative Teaching and Research Approaches (SKS)		Robotics and Haptics: a wearable perspective (DP)	Tea Break	Role of robotics in current paradigm of COVID (VKG)	Introduction to Thinkercad	Tea Break	Introduction to Python Programming			
29-Jun	Manipulator Kinematics (VKG)	Tea Break	Wheeled Mobile Robots (SK)			Demonstration session on Programming on Arduino Board/ Raspberry PI, sensors/actuators interface	Tea Break	Advanced Programming in Python			
30-Jun	Introduction to Artificial Intelligence and ML (AO)	Tea Break	Introduction to Deep Learning for computer vision (AO)			Demonstration of fabrication of wheeled mobile robot, line follower robot	Tea Break	Demonstration on object tracking using state of the art algorithm on object detection		Evaluation 1	
01-Jul	Path and Trajectory Planning (AO)	Tea Break	Reinforcement learning for path planning (MM)			Demonstration on simulation of path planning algorithm	Tea Break	Demonstration on simulation of path planning algorithm			
02-Jul	Assistive Robot (TS)	Tea Break	Human Robot Interaction (TM)			Demonstration on implementation of path planning algorithm on wheel robots	Tea Break	Demonstration on implementation of path planning algorithm on wheel robots			
03-Jul	Biomedical Signals: An introduction (JB)	Tea Break	Biomedical Signal Identification and classification (VMG+VB)			Hands on session on EMG acquiring signal and classification	Tea Break	Demonstration of EMG based signal processing		Evaluation 2	
04-Jul	Robotics for the Elderly and Physically handicapped persons: Exoskeleton (AD)		Participants Feedback and Presentations								

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