



Dr. Vishwanath Karad
MIT World Peace University
School of Electronics and Communication Engineering
IEEE SPS Summer School-2021

on
AI-Powered IoT for Smart Sustainable Signal Processing Applications
15th -19th November, 2021

Program Schedule

Time	10 am to 11.30 am	12.00 pm to 1.00 pm	2.00 pm to 3.30 pm	3.45 pm to 5.00 pm
Monday 15/11/2021	Inauguration (10-10.30) Address by Guest of Honour and Chief Guest (10.30-10.45)	Dr. G. V. V. Sharma Associate Professor, IIT Hyderabad Topic: Demo for AI in Unmanned Ground Vehicles (UGV)	Arunkumar Nair Tech Head, Canspirit Artificial Intelligence	
	Session: Dr. G. V. V. Sharma (10:45 -11.45)		Topic: IoT Analytics on Cloud	Lab Session 1
Tuesday 16/11/2021	Dr. V. V. Gohokar Professor and Head, SECE, MIT-WPU, Pune		Sumedha Sahsrabudhe Director, eMaestro Academy, Pune	
	Topic: AI Powered IoT	Lab Session 2 Topic: IoT Implementation using Jetson Nano	Topic: End to end IoT connectivity for various applications like Smart Home, Smart City.	Lab Session 3
Wednesday 17/11/2021	Dr. Sujatha Krishnamoorthy Assistant Professor, Wenzhou, kean University, China		Dr. Arti Khaparde Professor, SECE, MIT-WPU, Pune	
	Topic: An application to detect the Progressive Nervous disorder for Parkinson's disease(PD)	Lab Session 4	Topic: Deep Learning	Lab Session 5
Thursday 18/11/2021	Dr. SRN Reddy Professor, CSE Department, IGDTUW, Kashmeregate, Delhi		Dr. Petia Radeva Professor, University of Barcelona	
	Topic: Build your Smart IoT Devices-A Practical Approach	Lab Session 6	Topic: Deep learning: Fundamentals and Applications	Lab Session 7
Friday 19/11/2021	Dr. Jino Ramson Post Doctoral Researcher, Purdue University		Dr. Petia Radeva, Professor, University of Barcelona	
	Topic: IoT Systems: An overview, development, deployment and validation	Lab Session 8	Topic: Object detection and segmentation Transfer Learning	Lab Session 9