MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

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Department of Electronic and Communication Engineering

Three Days Workshop on
Dynamic System Modelling & Signal Processing with MATLAB & Simulink
20th to 22nd April 2021

Day -1	Topics	Agenda
20th April 2021	MATLAB for Technical Computing	• Analyzing and Visualizing Data with MATLAB • Graphics • Algorithm Development with MATLAB • App Building • Hardware Interface with MATLAB
Day -2	**Topics**	**Agenda**
21st April 2021	Dynamic System Modelling with Simulink	• Dynamic System Modelling with Simulink • Digital System Design and HDL Code Generation • Solvers and Auto Solver Feature • Hardware Interface with Simulink
Day -3	**Topics**	**Agenda**
22nd April 2021	Signal Processing with MATLAB & Simulink	• Generation of Signals • Filter Design and Analysis • Filter Implementation • HDL Code Generation

Speaker Profile

J. Prem Kumar is a Product Manager for MathWorks Products in Capricot Technologies Private Limited and specializes in the field of Dynamic System Modelling, Embedded Systems, Robotics, Image Processing, Speech Processing, Deep Learning and Computer Vision. He has around 10 years of experience in Capricot Technologies. Prior to joining Capricot Technologies, he has experience in Semiconductor Manufacturing Industry. He holds a Master Degree in VLSI System Design.

J. Prem Kumar

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