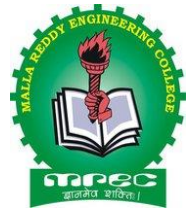**Faculty Development Programme (FDP)**

On

Signal Processing Techniques in Wireless Communications

Organized by

Electronics & ICT Academy, NITW and
Department of Electronics and Communication and Engineering
MALLAREDDY ENGINEERING COLLEGE, HYDERABAD

Faculty Development Program on

Signal Processing Techniques in Wireless Communications

Lecture Schedule

Date	9AM – 11AM		11.15AM– 01:15PM		2.00PM-3.45PM	4-5.00PM
19.02.2018	Inauguration	Tea Break	Introduction to wireless communications: Wireless Channels and Fundamental limits in wireless Transmission	Lunch Break	Diversity Combining Techniques	LAB
20.02.2018	Space time coding Techniques		MIMO Transmission, and Detection		Spatial Multiplexing	LAB (Implementation of Algorithm using MATLAB)
21.02.2018	Channel estimations Techniques		Channel Equalization Techniques		LAB (Implementation of Algorithm using MATLAB)	
22.02.2018	Digital Modulation Techniques for wireless communications-I		Digital Modulation Techniques for wireless communications-II		LAB (Implementation of Algorithm using MATLAB)	
23.02.2018	Multicarrier Modulation Systems: OFDM		Signal Processing Techniques for 4G Communications		Speech processing Applications in wireless communication environment	
24.02.2018	Signal Processing Techniques for 5G Communications-I		Pedagogy for wireless communications			Valedictory

Coordinators
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