

FDP-76	ADVANCED COMMUNICATION SYSTEMS	20.08.2018 to 25.08.2018
<p>OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ Understand the basics of Digital communication ➤ Understand the basics of Satellite communication ➤ Understand the basics of Optical communication ➤ Understand the basics of Wireless communication <p>PARTICIPANTS:</p> <p>Teachers of Electrical, Electronics and Instrumentation who have working knowledge in Electronic circuits.</p> <p>INPUT:</p> <p>Basics of Digital Communication - Digital Modulation and Modems – ASK, PSK, FSK – Coding - Multiplexing and Multiple Access Techniques – ISDN - Video Conferencing - Satellite systems – Architecture - Antennas – Applications - Microwave transmission lines – Microwave vacuum tube devices – Microwave solid state devices and circuits – Applications of Microwaves - Optical fiber - Optical fiber communication system - Principle of operation – Optical sources – Detectors – Measurements - Mobile communications system - frequency reuse – GSM - CDMA – WLL – GPRS - wireless networks - wireless LAN - WiMAX - Mobile IP - WAP - Blue tooth communication.</p> <p>PROCESS:</p> <ul style="list-style-type: none"> ➤ Lecture ➤ Demonstration ➤ Laboratory sessions ➤ Industrial Visits <p>OUTPUT:</p> <p>The Participants will be able to handle electronic circuits course and PCB design using Multisim software.</p> <p>RESOURCE PERSONS:</p> <ul style="list-style-type: none"> ➤ Dr. P. Sivasankar ➤ Guest Faculty 		
COORDINATOR	VENUE	LAST DATE FOR RECEIPT OF APPLICATIONS
Dr. G. Kulanthaivel	NITTTR , Chennai	15 days prior to the start of the programme