

1.2.1

## Supporting Documents – Electronics &

### Communication Engineering

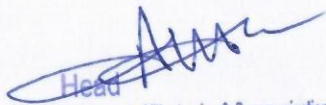
#### List of New Courses Introduced




**1.2.1 Percentage of new courses introduced of the total number of courses across all programmes offered during the last five years (30)**

**1.2.1.1: How many new courses were introduced within the last five years**

Name of the new course	Program name	Course code	Year of introduction
Information Theory and Coding	M Tech	MTWC-102-18	2018
Wireless Communication	M Tech	MTWC-101-18	2018
Elective I	M Tech	MTWC-PE1X-18	2018
Elective II	M Tech	MTWC-PE2X-18	2018
Wireless Communication Lab	M Tech	MTWC-111-18	2018
Information Theory and Coding Lab	M Tech	MTWC-112-18	2018
Research Methodology & IPR	M Tech	MTRM-101-18	2018
Audit Course -I	M Tech	MTAXX-18	2018
Advance Wireless Communication	M Tech	MTWC-103-18	2018
Soft Computing Techniques	M Tech	MTWC-104-18	2018
Simulation of Wireless Communication Systems	M Tech	MTWC-105-18	2018
Elective-III	M Tech	MTWC-PE3X-18	2018
Elective-IV	M Tech	MTWC-PE4X-18	2018
Wireless Communication Simulation Lab	M Tech	MTWC-113-18	2018
Mini Project	M Tech	MTWC-MP1-18	2018
Audit Course-II	M Tech	MTAXX-18	2018
Elective -V	M Tech	MTWC-PE5X-18	2018
Open Elective	M Tech	MTOE-301X-18	2018
Dissertation Phase -I	M Tech	MTWC-DS1-18	2018
Dissertation Phase -II	M Tech	MTWC-DS2-18	2018
Electronic Devices	B Tech	BTEC-301-18	2018
Digital System Design	B Tech	BTEC-302-18	2018
Electromagnetic Waves	B Tech	BTEC-303-18	2018
Network Theory	B Tech	BTEC-304-18	2018
Electronic Devices Laboratory	B Tech	BTEC-311-18	2018
Digital System Design Laboratory	B Tech	BTEC-312-18	2018
4-Week Institutional Training	B Tech	BTEC-321-18	2018
Mentoring and Professional Development	B Tech	BMPD-331-18	2018
Analog Circuits	B Tech	BTEC-401-18	2018
Microprocessors and Microcontrollers	B Tech	BTEC-402-18	2018
Signals and Systems	B Tech	BTEC-403-18	2018
Analog Circuits Laboratory	B Tech	BTEC-411-18	2018
Analog and Digital Communication	B Tech	UC-BTEC-501-18	2018
Digital Signal Processing	B Tech	UC-BTEC-502-18	2018
Linear Integrated Circuits	B Tech	UC-BTEC-503-18	2018
Control Systems	B Tech	UC-BTEC-504-18	2018
AC & DC Motors	B Tech	UC-BTEC-901A-18	2018

  
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Satellite Communication	B Tech	UC-BTEC-901C-18	2018
Java Programming	B Tech	UC-BTEC-901F-18	2018
Analog and Digital Communication Laboratory	B Tech	UC-BTEC-511-18	2018
Digital Signal Processing Laboratory	B Tech	UC-BTEC-512-18	2018
Linear Integrated Circuits Laboratory	B Tech	UC-BTEC-513-18	2018
Wireless Communication	B Tech	UC-BTEC-601-18	2018
Computer Networks	B Tech	BTCS-504-18	2018
Optical Fibres & Communication	B Tech	UC-BTEC-602-18	2018
Microwave and Antenna Engineering	B Tech	UC-BTEC-603-18	2018
Power Electronics	B Tech	UC-BTEC-902B-18	2018
Mobile Ad hoc Networks	B Tech	UC-BTEC-902C-18	2018
Artificial Neural Network	B Tech	UC-BTEC-902E-18	2018
Optical Fibres & Communication Laboratory	B Tech	UC-BTEC-611-18	2018
Microwave and Antenna Engineering Laboratory	B Tech	UC-BTEC-612-18	2018
Project-I	B Tech	UC-BTEC-631-18	2018
Internet of Things (IoT) and Cloud Computing	B Tech	BTEC-907A-18	2018
Robotics and Embedded Systems	B Tech	BTEC-907C-18	2018
VLSI Design	B Tech	BTEC-908C-18	2018
Embedded Systems Design	B Tech	BTEC-909C-18	2018
Bio Medical Signal Processing	B Tech	BTEC-909E-18	2018
Antenna Radiating Systems	B Tech	BTEC-907B-18	2018
Artificial Intelligence	B Tech	BTEC-908A-18	2018
Mobile Communication Network	B Tech	BTEC-908B-18	2018
Information Theory and Coding	B Tech	BTEC-909B-18	2018
Artificial Intelligence and Machine Learning	B Tech	BTEC-909D-18	2018
Python Programming	B Tech	BTEC-907D-18	2018
Adaptive Signal Processing	B Tech	BTEC-907E-18	2018
Soft Computing	B Tech	BTEC-908D-18	2018
Big Data Fundamentals	B Tech	BTEC-909A-18	2018
Digital Image and Video Processing	B Tech	BTEC-908E-18	2018
Project-II	B Tech	BTEC-731-18	2018

  
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