

MC88 – MASTER OF SCIENCE (ELECTRICAL AND ELECTRONIC ENGINEERING) – FULL TIME

YEAR	FIRST	
SEMESTER	I	II
Subject	QSQ11903/3- Advanced Engineering Statistics	Elective I/3
	NSJ12303/3 - Analog CMOS Circuit Design	Elective II/3
	NSJ16103/3 - Advanced Digital Electronics	Elective III/3
	ESJ10403/3 - Advanced Power Electronic	Elective IV/3
	ESJ14103/3 - Advanced Power System Engineering	NSJ15708/8 - Project II
	NSJ15603/3 - Project I	
	NSJ15202/2 - Research Methodology	
	20	20

MC88 – MASTER OF SCIENCE (ELECTRICAL AND ELECTRONIC ENGINEERING) – PART TIME

YEAR	FIRST		SECOND	
SEMESTER	I	II	III	IV
Subject	QSQ11903/3- Advanced Engineering Statistics	Elective I/3	Elective II/3	Elective IV/3
	NSJ16103/3 - Advanced Digital Electronics	ESJ10403/3 - Advanced Power Electronic	Elective III/3	NSJ15708/8 - Project II
	ESJ14103/3 - Advanced Power System Engineering	NSJ12303/3 - Analog CMOS Circuit Design	NSJ15603/3 - Project I	
	NSJ15202/2 - Research Methodology			
	11	9	9	11

Majoring and Elective Subject

Majoring	Course
Integrated Circuit Design	NSJ12403/3 - Design for Testability
	NSJ12503/3 - Digital Integrated Circuit Design
	NSJ12603/3 - High-Speed Communication Circuits
	NSJ12703/3 - Radio Frequency Integrated Circuit Design
	NSJ12803/3 - System on Chip Design
	NSJ12903/3 - VLSI Design
Renewable Energy	ESJ16103/3 - Distribution and Transmission Power Network
	ESJ16203/3 - Renewable Energy Technology
	ESJ16303/3 - Power Electronics Converter for Renewable Energy Systems
	ESJ16403/3 - Technology for Solar Cell
Robotics	ESJ16503/3 - Mobile Robot
	ESJ16603/3 - Industrial Robot
	ESJ16703/3 Robotic Vision
	ESJ16803/3 - Advanced Sensor System
Nanoelectronics	YSJ10203/ 3 - Nanomaterials
	YSJ10303/3 – Nanoelectronic Fabrication
	YSJ11103/3 - Nano CMOS Device Technology
	YSJ15503/3 - Nanoscience & Nanotechnology
Digital Communication Systems	NSJ16203 - Advanced Digital Signal Processing
	NSJ16403 - Telecommunication Network System
	NSJ16603 - Radio Frequency and Microwave Communication System
	NSJ16803 - Optical Communication System
	NSJ17003 - Advanced Digital Communication
	NSJ17203 - Advanced Mobile and Wireless Communication