ELECTRONICS

Course Code	Title of the Course	Instructions Hours/week	Duration of Exam (Hrs)	Marks			Credits
				IA	Semester End Exam	Total	
Semester - I							
PS1EUDC104	Electronic Devices and Circuits.	4	2 ½	40	60	100	4
PS1EUDP104	Practicals - I	4	4	25	25	50	2
Semester - II							
PS1EUDC154	Analog and Digital Circuits	4	2 ½	40	60	100	4
PS1EUDP154	Practicals - II	4	4	25	25	50	2
PS1EUOE168	Fundamentals of Electronics Devices	3	2 ½	40	60	100	3
Semester - III							
PS1EUDC204	Analog circuits, principles of radio communication and digital circuits	4	2 ½	40	60	100	4
PS1EUDP204	Practicals - III	4	4	25	25	50	2
PS1EUOE218	Fundamentals of Digital Electronics	3	2 ½	40	60	100	3
Semester - IV							
PS1EUDC254	Electronic Communications, Microprocessors and Digital Design using Verilog	4	2 ½	40	60	100	4
PS1EUDP254	Practicals - IV	4	4	25	25	50	2
PS1EUOE268	Elements of Electronic Communication systems	3	2 ½	40	60	100	3
Semester – V							
PS1EUDC308	Electronic Communication Systems	4	2 ½	40	60	100	4
PS1EUDP308	Practicals -VA	4	4	25	25	50	2
PS1EUDC309	Embedded Systems	4	2 ½	40	60	100	4
PS1EUDP309	Practicals –V B	4	4	25	25	100	2
Semester – VI							
PS1EUDC358	Transducers, Sensor networks , principles of IOT and 5G communications	4	2 ½	40	60	100	4
PS1EUDP358	Practicals –VI A	4	4	25	25	50	2
PS1EUDC359	C Language & Signals and Systems	4	2 ½	40	60	100	4
PS1EUDP359	Practicals –VI B	4	4	25	25	50	2