



SRI VENKATESWARA UNIVERSITY::TIRUPATI

DEPARTMENT OF PHYSICS

Certified that the syllabus of the following list of papers have been revised during the Academic Year 2021-2022

Name of the programme	Programme code	Paper Code	Title of the Paper Revised
M.Sc. Electronics	250	ELE 101	Analog Integrated Circuits and Applications
		ELE-102	Digital Integrated Circuits and Applications
		ELE 103(a)	Programming in C with Data Structures
		ELE 103(b)	Python Programming (Introduced)
		ELE 103(c)	Programming in Matlab (Introduced)
		ELE 104(a)	Signal & System Analysis
		ELE 104(b)	Optical Communications
		ELE 104(c)	Wireless Communications (Introduced)
		ELE 202	Digital Communications
		ELE 203(b)	Sensors and Transducers (Introduced)
		ELE 203(c)	Atmospheric and Space Instrumentation Techniques (Introduced)
		ELE 204(a)	Control Systems (Introduced)
		ELE 204(b)	Bio-Medical Instrumentation(Introduced)
		ELE 204(c)	Data Mining and Information Security (Introduced)
		ELE 303(a)	Microcontrollers and Applications
		ELE 303(c)	Digital Image Processing (Introduced)
		ELE 305	Peripheral Interface Controller (Introduced)
		ELE 306(a)	Microprocessors, PC Hardware and Interfacing (Introduced)
		ELE 306(b)	Satellite Communications (Introduced)
		ELE 402	Introduction to VLSI Circuits
		ELE 403(b)	Industrial Electronics (Introduced)
		ELE 403(c)	EMI & EMC (Introduced)
		ELE 405	Interet of Things (Introduced)
		ELE 406 (a)	Embedded Systems with PIC microcontrollers(Introduced)
		ELE 406 (b)	Microwaves

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