



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., Physics	242		
		PHY 103(a)	Analog and Digital Electronics
		PHY 103(b)	Computational Methods & C Language (Introduced)
		PHY 103(c)	Sensors and Transducers (Introduced)
		PHY 104(b)	Optical, Microwave and Satellite Communications (Introduced)
		PHY 104(c)	Computer Architecture and Networking (Introduced)
		PHY 203(a)	Nuclear Physics
		PHY203(b)	IC Fabrication Techniques (Introduced)
		PHY 203(c)	Advanced Microprocessor and its Applications (Introduced)
		PHY 204(a)	Mathematical Physics
		PHY 204(b)	Introduction to VLSI Design (Introduced)
		PHY 204(c)	Material Science for Industrial Applications (Introduced)
		PHY 301	Introductory Quantum Mechanics
		PHY 302	Physics of Semiconductor Devices
		PHY 303(a)	Applied Spectroscopy
		PHY 303(b)	Condensed Matter Physics
		PHY 303(c)	Embedded Systems
		PHY 305	Advances in Physics
		PHY 306(a)	Basic Spectroscopic Techniques (Introduced)
		PHY 306(b)	Nanomaterials and Devices (Introduced)
		PHY 401	Advanced Quantum Mechanics
		PHY 402	Physics of Advanced Materials (Introduced)
		PHY 403(a)	Photonics
		PHY 403(b)	Solar Energy-Thermal and Photovoltaic Properties
		PHY 403(c)	Vacuum and Thin Film Technology
		PHY 405	Advanced Characterization Techniques (Introduced)
		PHY 406(a)	Wireless Communications (Introduced)
		PHY 406(b)	Vacuum Technology and Applications (Introduced)

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