DETAILED CURRICULMSUMMARY IS GIVENIN FOLLOWING TABLE.

SEM	PAPER CODE	PAPER NAME	UNIT	TITLE OF UNIT
I	MSPHY-101CC	MATHEMATICAL PHYSICS -1 AND PROGRAMMING IN C-1	I	FUNCTION OF A COMPLEX VARIABLE
			II	INTEGRAL TRANSFORMS
			III	DECISION MAKING AND LOOPING & ARRAYS
			IV	CHARACTER ARRAYS AND STRINGS &FUNCTIONS
I	MSPHY-102CC	CLASSICAL MECHANICS-1 ELECTRODYNEMICS -1	I	CANONICAL TRANSFORMATION
			II	SMALL OSCILLATION AND ROTATING FRAME
			III	ELECTOMAGNETIC WAVES
			IV	POYNTING VECTOR AND THE FLOW OF POWER&GUIDED WAVES:
I	MSPHY-103CC	QUANTUM MECHANICS – ISOLID STATE PHYSICS-I	I	REPRESENTATION OF QUANTUM STATES
			II	ANGULAR MOMENTUM
			III	ENERGY BANDS
			IV	SEMICONDUCTOR CRYSTALS
I	MSPHY-104CC	ELECTRONICS-1	I	FETAMPLIFIER&MULTIVIBRATORS
			II	POWER AMPLIFIER
			III	WAVE SHAPING CIRCUIT
			IV	IC FABRICATION & TIMER 555 IC
I	MSPHY-101ES	SPACE PHYSICS	I	BASIC CONCEPTS OF EARTH'S ATMOSPHERE AND IONOSPHERE
			II	AURORA , AIRGLOW, AND MAGNETOSPHERE
I	MSPHY-102ES	ENERGY TECHNOLOGY AND STORAGE SYSTEMS	I	ENERGY TECHNOLOGY
			II	ENERGY STORAGE SYSTEMS

SEM	PAPER CODE	PAPER NAME	UNIT	TITLE OF UNIT
II	MSPHY-201CC	MATHEMATICAL PHYSICS -2 AND PROGRAMMING IN C-2	I	TENSOR ANALYSIS
			II	GROUP THEORY
			III	STRUCTURES AND UNIONS & POINTER
			IV	FILE MANAGEMENT IN C:&DEVELOPING A C PROGRAM
II	MSPHY-202CC	STATISTICAL MECHANICS-1 COMPUTER-1	I	BASIC CONCEPT IN STATISTICAL MECHANICS AND QUANTUM STATISTICS
			II	IDEAL BOSE AND FERMI SYSTEM
			III	WINDOWS AND POWER POINT
			IV	MICRO-SOFT WORD
II	MSPHY-203CC	QUANTUM MECHANICS–2 SOLID STATE PHYSICS-2	I	APPROXIMATION METHODS FOR STATIONARY STATES:
			II	EVOLUTION WITH TIME
			III	FERMI SURFACES AND METALS
			IV	DIAMAGNETISM AND PARAMAGNETISM
II	MSPHY-204CC	ELECTRONICS-2	I	OPERATIONAL AMPLIFIER
			II	DIGITAL ELECTRONICS
			III	MICROPROCESSOR – I
			IV	MICROPROCESSOR –II
II	MSPHY-201ES	APPLICATIONS OF COMPUTER IN PHYSICS	I	
			II	
II	MSPHY-202ES	SYNTHESIS OF MATERIAL	I	
			II	
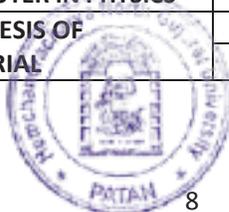
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SEM	PAPER CODE	PAPER NAME	UNIT	TITLE OF UNIT
III	MSPHY-301CC	NUCLEAR PHYSICS-1 AND INSTRUMENTS	I	TWO BODY FORCES
			II	NUCLEAR REACTION
			III	MICROSCOPY
			IV	UV-VIS
III	MSPHY-302CC	STATISTICAL MECHANICS-2 COMPUTER-2	I	PHASE EQUILIBRIA
			II	TRANSPORT PHENOMENA
			III	MICRO-SOFT EXCEL
			IV	COMPUTER NETWORK,INTERNET AND VIRUS
III	MSPHY-303CC	QUANTUM MECHANICS–3 SOLID STATE PHYSICS-3	I	SCATTERING THEORY
			II	PARTIAL WAVE ANALYSIS
			III	FERROMAGNETISM AND ANTI FERROMAGNETISM
			IV	MAGNETIC RESONANCE
III	MSPHY-304CC	ELECTRONICS	I	PULSE MODULATION AND DIGITAL COMMUNICATION
			II	DEMODULATION
			III	REMOTE SENSING
			IV	POWER ELECTRONICS
III	MSPHY-301ES	RESEARCH METHODOLOGY	I	
			II	
III	MSPHY-302ES	MICROCONTROLLER	I	
			II	

SEM	PAPER CODE	PAPER NAME	UNIT	TITLE OF UNIT
IV	MSPHY-401CC	NUCLEAR PHYSICS-2 AND BIO-PHYSICS	I	NUCLEAR MODEL
			II	ELEMENTARY PARTICLE
			III	SEPARATION TECHNIQUES
			IV	BIO-MECHANICS
IV	MSPHY-402CC	CLASSICAL MECHANICS-2 ELECTRODYNEMICS -2	I	NON LINEAR OSCILLATIONS AND CHAOS
			II	RELATIVISTIC ELECTRODYNAMICS
			III	WAVE GUIDE
			IV	RADIATION
IV	MSPHY-403CC	QUANTUM MECHANICS–4 SOLID STATE PHYSICS-4	I	RELATIVISTIC WAVE EQATIONS-1
			II	RELATIVISTIC WAVE EQATIONS-2
			III	OPTICAL PROCESSES AND EXCITONS
			IV	SOLAR CELL AND OPTO ELECTRONIC DEVICES
IV		PROJECT		

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