

SALBARI COLLEGE
DEPARTMENT OF PHYSICS
SYLLABUS DISTRIBUTION FOR THE SESSION 2025-26 (AUTUMN)
DATE: 27/06/2025

NAME	SEMESTER I	SEMESTER III	SEMESTER V	LECTURES
DR. PRIYANKA DAS	<p>Major: Mechanics Lectures- 23</p> <ul style="list-style-type: none"> • UNIT-I • UNIT-II: Elasticity and Fluid motion, gravitational and central force motion <p>Minor: Mechanics Lectures: 19</p> <ul style="list-style-type: none"> • UNIT-I (Laws of motion, Momentum and Energy) • UNIT: II 	<p>Major 1: Electricity and Magnetism Lectures: 26</p> <ul style="list-style-type: none"> • UNIT-II: Magnetic field, Magnetic Properties of Matter • UNIT-III <p>Major 2: Waves and Optics Lectures: 19</p> <ul style="list-style-type: none"> • UNIT-I <p>Minor: Thermal Physics and Statistical Mechanics Lectures: 45</p> <ul style="list-style-type: none"> • Full Paper 	<p>Major 2: Elements of Modern Physics Lectures: 45</p> <ul style="list-style-type: none"> • Full Paper <p>Major 3: Digital Systems and Applications Lectures: 45</p> <ul style="list-style-type: none"> • Full Paper 	222
DR. PRITAM DAS	<p>Major: Mechanics Lectures: 22</p> <ul style="list-style-type: none"> • UNIT-II: Motion under central force field, Oscillations • UNIT-III <p>Minor: Mechanics Lectures: 26</p> <ul style="list-style-type: none"> • UNIT-I (Vectors, ODE) • UNIT-III 	<p>Major 1: Electricity and Magnetism Lectures: 19</p> <ul style="list-style-type: none"> • UNIT-I • UNIT-II: Dielectric Properties of Matter <p>Major 2: Waves and Optics Lectures: 26</p> <ul style="list-style-type: none"> • UNIT-II • UNIT-III 	<p>Major 1: Classisical Mechanics Lectures: 45</p> <ul style="list-style-type: none"> • Full Paper <p>Major 4: Electromagnetic Theory Lectures: 45</p> <ul style="list-style-type: none"> • Full Paper <p>Minor: Mathematical Physics Lectures: 45</p> <ul style="list-style-type: none"> • Full Paper 	228

NB: Practical classes for individual papers will be taken by respective faculty members.