

**P.N.DAS COLLEGE**  
**ACADEMIC CALENDER**  
**DEPARTMENT OF PHYSICS**  
**SESSION- JULY-DECEMBER,2019**  
**SEMESTER-I**

Paper	Unit	Topic	No of Lectures	Name of Lecturer
<b>PHSG COR01T</b>	<b>I</b>	VECTOR ANALYSIS AND MATHEMATICAL PHYSICS	10	<b>Dr. SHARMILA DE</b>
	<b>II</b>	PARTICLE DYNAMICS	21	<b>PRODESH SARKAR</b>
	<b>III</b>	GRAVITATION	08	<b>PRODESH SARKAR</b>
	<b>IV</b>	OSCILLATIONS	06	<b>PRODESH SARKAR</b>
	<b>V</b>	ELASTICITY	08	<b>PRODESH SARKAR</b>
	<b>VI</b>	SPECIAL THEORY OF RELATIVITY	07	<b>PRODESH SARKAR</b>

## SEMESTER-III

Paper	Unit	Topic	No. of Lectures	Name of Lecturer
<b>PHSGCOR03T</b>	<b>I</b>	LAWS OF THERMODYNAMICS	22	<b>PRODESH SARKAR</b>
	<b>II</b>	THERMODYNAMIC POTENTIALS	10	<b>PRODESH SARKAR</b>
	<b>III</b>	KINETIC THEORY OF GASES	10	<b>PRODESH SARKAR</b>
	<b>IV</b>	THEORY OF RADIATION	06	<b>PRODESH SARKAR</b>
	<b>V</b>	STATISTICAL MECHANICS	12	<b>PRODESH SARKAR</b>

# SESSION- JANUARY-JUNE, 2020

## SEMESTER-II

ZZ Paper	Unit	Topic	No. of Lectures	Name of Lecturer
<b>PHSGCOR02T</b>	<b>I</b>	VECTOR ANALYSIS	12	<b>PRODESH SARKAR</b>
	<b>II</b>	ELECTROSTATICS	18	<b>PRODESH SARKAR</b>
	<b>III</b>	MAGNETISM	10	<b>PRODESH SARKAR</b>
	<b>IV</b>	ELECTROMAGNETIC INDUCTION	06	<b>PRODESH SARKAR</b>
	<b>V</b>	LINEAR NETWORK	05	<b>PRODESH SARKAR</b>
	<b>VI</b>	MAXWELL'S EQUATIONS AND ELECTROMAGNETIC WAVE PROPAGATION	09	<b>PRODESH SARKAR</b>

## SEMESTER-IV

Paper	Unit	Topic	No of Lectures	Name of Lecturer
<b>PHSGCOR04T</b>	<b>I</b>	SUPERPOSITION OF TWO COLINEAR HARMONIC OSCILLATORS	04	<b>PRODESH SARKAR</b>
	<b>II</b>	SUPERPOSTION OF TWO PERPENDICULAR HARMONIC OSCILLATORS	02	<b>PRODESH SARKAR</b>
	<b>III</b>	WAVE MOTION GENERAL	07	<b>PRODESH SARKAR</b>
	<b>IV</b>	FLUIDS	14	<b>PRODESH SARKAR</b>
	<b>V</b>	SOUND	05	<b>PRODESH SARKAR</b>
	<b>VI</b>	WAVE OPTICS	03	<b>PRODESH SARKAR</b>
	<b>VII</b>	INTERFERENCE	10	<b>PRODESH SARKAR</b>
	<b>VIII</b>	MICHELSON'S INTERFEROMETER	03	<b>PRODESH SARKAR</b>
	<b>IX</b>	DIFFRACTION	14	<b>PRODESH SARKAR</b>
	<b>X</b>	POLARIZATION	05	<b>PRODESH SARKAR</b>

