

P.N. DAS COLLEGE

ACADEMIC CALENDER

DEPARTMENT OF PHYSICS

CBCS SYSTEM

2020-21

SEMESTER-I (GENERAL) (PHSG)

SESSION-JULY-DECEMBER

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
PHSGCOR01T	I	MATHEMATICAL METHODS	10	PRODESH SARKAR
	II	PARTICLE DYNAMICS	21	
	III	GRAVITATION	08	
	IV	OSCILLATIONS	06	
	V	ELASTICITY	08	
	VI	SPECIAL THEORY OF RELATIVITY	07	

SEMESTER-II-(GENERAL)(PHSG)

SESSION-JANUARY-JUNE

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
PHSGCOR02T	I	VECTOR ANALYSIS	12	PRODESH SARKAR
	II	ELECTROSTATICS	18	
	III	MAGNETISM	10	
	IV	ELECTROMAGNETIC INDUCTION	06	
	V	LINEAR NETWORK	05	
	VI	MAXWELL'S EQUATION AND ELECTROMAGNETIC WAVE PROPAGATION	09	

SEMESTER-III-(GENERAL)(PHSG)

SESSION-JULY-DECEMBER

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
PHSGCOR03T	I	LAWS OF THERMODYNAMICS	22	PRODESH SARKAR
	II	THERMODYNAMIC POTENTIALS	10	
		KINETIC THEORY OF GASES		
	III	THEORY OF RADIATION	10	
	IV	STATISTICAL MECHANICS	06	
V		12		

SEMESTER-IV-(GENERAL)(PHSG)

SESSION-JANUARY-JUNE

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
PHSGCOR04T	I	SUPERPOSITION N OF TWO COLLINEAR HARMONIC OSCILLATIONS	04	PRODESH SARKAR
	II	SUPERPOSITION OF TWOPERPENDICULAR HARMONIC OSCILLATIONS	02	
	III	WAVES MOTION GENERAL	07	
	IV	FLUIDS	06	
	V	SOUND	06	
	VI	WAVE OPTICS	03	
	VII	INTERFERENCE	10	

	VIII	MICHELSON'S INTERFEROMETER	03	
	IX	DIFFRACTION	14	
	X	POLARIZATION	05	

SEMESTER-V-(GENERAL)(PHSG)

SESSION-JANUARY-JUNE

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
PHSGDSE03T	I	CRYSTAL STRUCTURE	16	PRODESH SARKAR
	II	ELEMENTARY LATTICE DYNAMICS	08	
	III	MAGNETIC PROPERTIES OF MATTER	12	
	IV	DIELECTRIC PROPERTIES OF MATERIALS	09	
	V	ELEMENTARY BAND THEORY	10	
	VI	SUPERCONDUCTIVITY	05	

SEMESTER-VI-(GENERAL)(PHSG)

SESSION-JULY-DECEMBER

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
PHSGDSE01T	I	DIGITAL CIRCUITS	15	PRODESH SARKAR
	II	SEMICONDUCTOR DEVICES AND AMPLIFIERS	15	
	III	OPERATIONAL AMPLIFIERS	14	
	IV	INSTRUMENTATIONS	16	