

P.N. DAS COLLEGE

ACADEMIC CALENDER

DEPARTMENT OF PHYSICS

2018-19

PART-I-(GENERAL)(PHSG)

SESSION-JULY-NOVEMBER

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
I	I	DIENSIONSOF PHYSICAL QUANTITIES	03	ARINDAM HAZRA
	II	VECTORS	07	
	III	MECHANICS OF A PARTICLE	05	
	IV	DYNAMICS OF RIGID BODIES	05	
		GRAVITATION		
	V	KINETIC THEORY OF GASES	05	
	VI	THERMAL CONDUCTIVITY	05	
	VII	THERMODYNAMICS	05	
		RADIATION		
VIII		05		
IX		05		

PART-I-(GENERAL)(PHSG)

SESSION-DECEMBER-MARCH

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
I	I	ELASTICITY	10	PRODESH SARKAR
	II	VISCOCITY	05	
	III	SURFACE TENSION	05	
	IV	SIMPLE HARMONIC MOTION	07	
	V	DIFFERENTIAL EQUATION OF WAVE MOTION	08	
	VI	REFLECTION AND REFRACTION	10	
	VII	OPTICAL INSTRUMENTS	05	

PART-II-(GENERAL)(PHSG)

SESSION-JULY-NOVEMBER

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
II	I	ELECTROSTATICS	10	ARINDAM HAZRA
	II	THERMOELECTRICITY	08	
	III	MAGNETIC EFFECT OF CURRENT	10	
	IV	MAGNETIC MATERIALS	08	
	V	ELECTROMAGNETIC INDUCTION	08	
	VI	VARYING AND ALTERNATING CURRENTS	06	
	VII	NETWORK THEORM	08	

	VIII	INTERFERENCE, DIFFRACTION AND POLARISATION OF LIGHT	15	
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PART-II-(GENERAL)(PHSG)

SESSION-DECEMBER-MARCH

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
II	I	DIODES AND TRANSISTORS	05	PRODESH SARKAR
	II	DIGITAL CIRCUITS	05	
	III	LOGIC GATES	05	
	IV	SPECIAL THEORY OF RELATIVITY	04	
	V	BASIC QUANTUM MECHANICS	04	
	VI	SOLID STATE PHYSICS	04	
	VII	NUCLEAR PHYSICS	04	
	VIII	QUANTUM THEORY OF RADIATION	04	

PART-III-(GENERAL)(PHSG)

SESSION-JULY-NOVEMBER

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
IVA	I	PUMPS, GAUGES AND ENGINE	10	ARINDAM HAZRA
	II	ENERGY SOURCES	15	
	III	ELECTRONICS	15	

PART-III-(GENERAL)(PHSG)

SESSION-DECEMBER-MARCH

PAPER	UNIT	TOPIC	NO OF LECTURES	NAME OF THE TEACHER
IVA	IV	COMMUNICATIONS	10	PRODESH SARKAR