

**LESSON PLAN FOR EVEN SEM**  
**SESSION 2017-18**

**NAME OF ASSISTANT /ASSOCIATE PROFESSOR: DR. HARSH MOHAN**  
**CLASS/SECTION : M.SC. II**  
**SUBJECT : APPLIED PHYSICS**

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	CHARGED PARTICLE INDUCED X-RAY EMISSION (PIXE) SPECTROMETRY	.....
DAY2 DATE 2-1-18	BASIC PRINCIPLE, X-RAY PRODUCTION PROCESS	FABRICATION OF SPANNER AND SCREW DRIVER
DAY6 DATE 6-1-18	RADIATIVE AND NON-RADIATIVE TRANSITIONS	.....
DAY7 DATE 8-1-18	COSTER KRÖNIG TRANSITIONS	.....
DAY8 DATE 9-1-18	CONTINUOUS BACKGROUND	ALGORITHM OF QUADRATIC EQUATION
DAY12 DATE 13-1-18	BREMSSTRAHLUNG	.....
DAY13 DATE 15-1-18	PIXE SETUP	.....
DAY 14 DATE 16-1-18	INSTRUMENTATION	FLOW CHART OF QUADRATIC EQUATION
DAY18 DATE 20-1-18	BEAM PREPARATION COLLIMATION AND BEAM CURRENT MEASUREMENT	.....
DAY19 DATE 22-1-18	<b>HOLIDAY</b>	
DAY20 DATE 23-1-18	<b>SPORTS DAY</b>	
DAY21 DATE 24-1-18	<b>HOLIDAY</b>	
DAY23 DATE 26-1-18	<b>HOLIDAY</b>	
DAY 24 DATE 27-1-18	ENERGY CALIBRATION, COMPARISON WITH STANDARD	.....
UNIT/PART II	TOPIC	
	THEORY	PRACTICAL
DAY1	QUANTITATIVE ANALYSIS :	.....

DATE 29-1-18	ABSOLUTE METHOD AND RELATIVE METHOD	
DAY2 DATE 30-1-18	RELATIONSHIP BETWEEN X-RAY INTENSITIES AND CONCENTRATIONS	PROGRAM OF QUADRATIC EQUATION
DAY3 DATE 31-1-18	<b>HOLIDAY</b>	
DAY6 DATE 3-2-18	LIMITS OF DETECTION AND ACCURACY OF ANALYSIS	.....
DAY7 DATE 5-2-18	PIXE APPLICATION IN AIR & WATER POLLUTION, INDUSTRY, ARCHAEOLOGY, BIOLOGY & EARTH SCIENCE	.....
DAY8 DATE 6-2-18	EXTERNAL BEAM PIXE AND MICRO BEAM PIXE	ALGORITHM OF LEAST SQUARE CURVE FITTING
DAY11 DATE 9-2-18	<b>ASSIGNMENT 1</b>	.....
DAY12 DATE 10-2-18	<b>HOLIDAY</b>	
DAY13 DATE 12-2-18	PROTON MICROBE AND MICRO BEAM APPLICATIONS	.....
DAY14 DATE 13-2-18	<b>HOLIDAY</b>	
DAY18 DATE 17-2-18	X-RAYS FLUORESCENCE SPECTROMETRY : NATURE AND ORIGIN OF X-RAYS & CHARACTERISTIC X-RAY	.....
DAY19 DATE 19-2-18	NOTATION FOR SPECTRUM, CONTINUOUS SPECTRA	.....
DAY20 DATE 20-2-18	DUANE - HUNT LAW	FLOW CHART OF LEAST SQUARE CURVE FITTING
<b>UNIT/PART III</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY1 DATE 24-2-18	RELATIONSHIP BETWEEN X-RAY EMISSION AND ATOMIC NUMBER	.....
DAY2 DATE 26-2-18	SOURCES OF X-RAYS : X-RAY TUBE, FUNCTION AND REQUIREMENTS	.....
DAY3 DATE 27-2-18	<b>TEST &amp; SEMINAR (PG CLASSES)</b>	PROGRAM OF LEAST SQUARE CURVE FITTING
DAY4 DATE 28-2-18	<b>HOLIDAY</b>	
DAY5 DATE 1-3-18	<b>HOLIDAY</b>	
DAY6 DATE 2-3-18	<b>HOLIDAY</b>	

DAY7 DATE 3-3-18	<b>HOLIDAY</b>	
DAY8 DATE 5-3-18	RADIOISOTOPE SOURCE	.....
DAY9 DATE 6-3-18	XRF SPECTROMETER, WAVE LENGTH DISPERSIVE DEVICES, ENERGY DISPERSIVE DEVICES & PULSE HEIGHT SELECTION	FABRICATION OF OPTICAL EQUILATERAL PRISM (PITCH NUMBER -100, 120, 220, 302, 304)
DAY13 DATE 10-3-18	<b>ASSIGNMENT 2</b>	
DAY 14 DATE 12-3-18	DATA ANALYSIS IDENTIFICATION OF THE PEAKS, EQUATION FOR CONCENTRATION OF ELEMENTS AND MATRIX EFFECTS	.....
DAY15 DATE 13-3-18	ABSORPTION - ENHANCEMENT EFFECT AND DETECTION LIMITS	ALGORITHM OF SIMPSON 1/3 AND 3/8 RULE
DAY19 DATE 17-3-18	APPLICATION OF XRF IN VARIOUS FIELDS, ADVANTAGES AND DISADVANTAGE OF XRF	.....
DAY20 DATE 19-3-18	NEUTRON ACTIVATION ANALYSIS (NAA) : INTRODUCTION	.....
DAY21 DATE 20-3-18	THEORY OF ACTIVATION METHOD	FLOW CHART OF SIMPSON 1/3 AND 3/8 RULE
DAY22 DATE 21-3-18	<b>CONDITIONAL TEST</b>	
DAY23 DATE 22-3-18	<b>CONDITIONAL TEST</b>	
DAY 24 DATE 23-3-18	<b>HOLIDAY</b>	
DAY 25 DATE 24-3-18	NEUTRON ENERGY DISTRIBUTION	.....
<b>UNIT/PART IV</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY1 DATE 26-3-18	CLASSIFICATION OF NEUTRON ACTIVATION METHODS	.....
DAY2 DATE 27-3-18	PROMPT $\Gamma$ -RAY NEUTRON ACTIVATION, DELAY $\Gamma$ -RAY NEUTRON ACTIVATION	PROGRAM OF SIMPSON 1/3 AND 3/8 RULE
DAY4 DATE 29-3-18	<b>HOLIDAY</b>	
DAY6 DATE 31-3-18	RADIOCHEMICAL AND INSTRUMENTAL NAA	.....
DAY7 DATE 2-4-18	KINETICS OF ACTIVATION	.....
DAY8	EXPERIMENTAL CONSIDERATIONS	ALGOGRITHM OF

DATE 3-4-18	IN ACTIVATION METHODS : IRRADIATION CONDITIONS	BISECTION METHOD
DAY12 DATE 7-4-18	MEASUREMENTS OF RADIOACTIVITY AND METHODS OF STANDARDISATION	.....
DAY13 DATE 9-4-18	CLASSIC RELATIVE METHOD AND ANALYSIS OF THE GAMMA SPECTRA	.....
DAY14 DATE 10-4-18	APPLICATIONS NAA FOR SEMICONDUCTOR MATERIALS, SOIL SCIENCE AND GEOLOGICAL SCIENCE	FLOW CHART OF BISECTION METHOD
DAY18 DATE 14-4-18	<b>HOLIDAY</b>	
DAY19 DATE 16-4-18	ACCURACY OF NAA	.....
DAY20 DATE 17-4-18	SENSITIVITY OF NAA	PROGRAM OF BISECTION METHOD
DAY21 DATE 18-4-18	<b>HOLIDAY</b>	

**NAME OF ASSOCIATE PROFESSOR**  
**CLASS/SECTION**  
**SUBJECT**

**: DR. HARSH MOHAN**  
**: B.SC. III (A5, A6, A4)**  
**: PHYSICS**

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	.....	E/M BY THOMSON'S METHOD
DAY2 DATE 2-1-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON BASE (CB)CONFIGURATION
DAY3 DATE 3-1-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON EMITTER (CE) CONFIGURATION;
DAY4 DATE 4-1-18	.....	B-H CURVE OF A GIVEN FERROMAGNETIC MATERIAL
DAY5 DATE 5-1-18	.....	DIAMETER OF PARTICLES OF LYCOPODIUM POWDER

		USING CARONA RING
DAY6 DATE 6-1-18	.....	DIAMETER OF THIN WIRE USING HE-NE LASER
DAY7 DATE 8-1-18	.....	RESOLVING POWER OF A PLANE TRANSMISSION GRATING
DAY8 DATE 9-1-18	.....	RESOLVING POWER OF A PRISM
DAY9 DATE 10-1-18	.....	THICKNESS OF A THIN PAPER BY FRINGE WIDTH OF INTERFERENCE FRINGES IN AN AIR WEDGE
DAY10 DATE 11-1-18	.....	DOUBLE SLIT INTERFERENCE BY LASER LIGHT
DAY11 DATE 12-1-18	.....	FORTRAN PROGRAM TO COMPUTE PRODUCT OF TWO MATRICES
DAY12 DATE 13-1-18	.....	FINITE INTEGRAL THROUGH SIMPSON'S ONE-THIRD RULE,
DAY13 DATE 15-1-18	.....	SUM OF AN INFINITE SERIES AND ASCENDING AND DESCENDING ORDER.
DAY 14 DATE 16-1-18	.....	E/M BY THOMSON'S METHOD
DAY15 DATE 17-1-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON BASE (CB) CONFIGURATION
DAY16 DATE 18-1-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON EMITTER (CE) CONFIGURATION;
DAY17 DATE 19-1-18	.....	B-H CURVE OF A GIVEN FERROMAGNETIC MATERIAL
DAY18 DATE 20-1-18	.....	DIAMETER OF PARTICLES OF LYCOPODIUM POWDER USING CARONA RING
DAY19 DATE 22-1-18		<b>HOLIDAY</b>
DAY20		<b>SPORTS DAY</b>

DATE 23-1-18		
DAY21 DATE 24-1-18	<b>HOLIDAY</b>	
DAY22 DATE 25-1-18	.....	DIAMETER OF THIN WIRE USING HE-NE LASER
DAY23 DATE 26-1-18	<b>HOLIDAY</b>	
DAY 24 DATE 27-1-18	.....	RESOLVING POWER OF A PLANE TRANSMISSION GRATING
<b>UNIT/PART II</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY1 DATE 29-1-18	.....	RESOLVING POWER OF A PRISM
DAY2 DATE 30-1-18	.....	THICKNESS OF A THIN PAPER BY FRINGE WIDTH OF INTERFERENCE FRINGES IN AN AIR WEDGE
DAY3 DATE 31-1-18	<b>HOLIDAY</b>	
DAY4 DATE 1-2-18	.....	DOUBLE SLIT INTERFERENCE BY LASER LIGHT
DAY5 DATE 2-2-18	.....	FORTRAN PROGRAM TO COMPUTE PRODUCT OF TWO MATRICES
DAY6 DATE 3-2-18	.....	FINITE INTEGRAL THROUGH SIMPSON'S ONE-THIRD RULE,
DAY7 DATE 5-2-18	.....	SUM OF AN INFINITE SERIES AND ASCENDING AND DESCENDING ORDER.
DAY8 DATE 6-2-18	.....	E/M BY THOMSON'S METHOD
DAY9 DATE 7-2-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON BASE (CB) CONFIGURATION
DAY10 DATE 8-2-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON EMITTER (CE) CONFIGURATION
DAY11	<b>ASSIGNMENT 1</b>	

DATE 9-2-18		
DAY12 DATE 10-2-18	<b>HOLIDAY</b>	
DAY13 DATE 12-2-18	.....	B-H CURVE OF A GIVEN FERROMAGNETIC MATERIAL
DAY14 DATE 13-2-18	<b>HOLIDAY</b>	
DAY15 DATE 14-2-18	.....	DIAMETER OF PARTICLES OF LYCOPODIUM POWDER USING CARONA RING
DAY16 DATE 15-2-18	.....	DIAMETER OF THIN WIRE USING HE-NE LASER
DAY17 DATE 16-2-18	.....	RESOLVING POWER OF A PLANE TRANSMISSION GRATING
DAY18 DATE 17-2-18	.....	RESOLVING POWER OF A PRISM
DAY19 DATE 19-2-18	.....	THICKNESS OF A THIN PAPER BY FRINGE WIDTH OF INTERFERENCE FRINGES IN AN AIR WEDGE
DAY20 DATE 20-2-18	.....	DOUBLE SLIT INTERFERENCE BY LASER LIGHT
DAY21 DATE 21-2-18	.....	FORTRAN PROGRAM TO COMPUTE PRODUCT OF TWO MATRICES
DAY22 DATE 22-2-18	.....	FINITE INTEGRAL THROUGH SIMPSON'S ONE-THIRD RULE,
DAY23 DATE 23-2-18	.....	SUM OF AN INFINITE SERIES AND ASCENDING AND DESCENDING ORDER.
<b>UNIT/PART III</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY1 DATE 24-2-18	.....	E/M BY THOMSON'S METHOD
DAY2 DATE 26-2-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON BASE (CB) CONFIGURATION
DAY3	<b>TEST &amp; SEMINAR</b>	

DATE 27-2-18	(PG CLASSES)	
DAY4 DATE 28-2-18		<b>HOLIDAY</b>
DAY5 DATE 1-3-18		<b>HOLIDAY</b>
DAY6 DATE 2-3-18		<b>HOLIDAY</b>
DAY7 DATE 3-3-18		<b>HOLIDAY</b>
DAY8 DATE 5-3-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON EMITTER (CE) CONFIGURATION;
DAY9 DATE 6-3-18	.....	B-H CURVE OF A GIVEN FERROMAGNETIC MATERIAL
DAY10 DATE 7-3-18	.....	DIAMETER OF PARTICLES OF LYCOPODIUM POWDER USING CARONA RING
DAY11 DATE 8-3-18	.....	DIAMETER OF THIN WIRE USING HE-NE LASER
DAY12 DATE 9-3-18	.....	RESOLVING POWER OF A PLANE TRANSMISSION GRATING
DAY13 DATE 10-3-18		<b>ASSIGNMENT 2</b>
DAY 14 DATE 12-3-18	.....	RESOLVING POWER OF A PRISM
DAY15 DATE 13-3-18	.....	THICKNESS OF A THIN PAPER BY FRINGE WIDTH OF INTERFERENCE FRINGES IN AN AIR WEDGE
DAY16 DATE 14-3-18	.....	DOUBLE SLIT INTERFERENCE BY LASER LIGHT
DAY17 DATE 15-3-18	.....	FORTRAN PROGRAM TO COMPUTE PRODUCT OF TWO MATRICES
DAY18 DATE 16-3-18	.....	FINITE INTEGRAL THROUGH SIMPSON'S ONE-THIRD RULE,
DAY19 DATE 17-3-18	.....	SUM OF AN INFINITE SERIES AND ASCENDING AND DESCENDING ORDER.



DAY20 DATE 19-3-18	.....	E/M BY THOMSON'S METHOD
DAY21 DATE 20-3-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON BASE (CB) CONFIGURATION
DAY22 DATE 21-3-18	<b>CONDITIONAL TEST</b>	
DAY23 DATE 22-3-18	<b>CONDITIONAL TEST</b>	
DAY 24 DATE 23-3-18	<b>HOLIDAY</b>	
DAY 25 DATE 24-3-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON EMITTER (CE) CONFIGURATION
<b>UNIT/PART IV</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY1 DATE 26-3-18	.....	B-H CURVE OF A GIVEN FERROMAGNETIC MATERIAL
DAY2 DATE 27-3-18	.....	DIAMETER OF PARTICLES OF LYCOPODIUM POWDER USING CARONA RING
DAY3 DATE 28-3-18	.....	DIAMETER OF THIN WIRE USING HE-NE LASER
DAY4 DATE 29-3-18	<b>HOLIDAY</b>	
DAY5 DATE 30-3-18	.....	RESOLVING POWER OF A PLANE TRANSMISSION GRATING
DAY6 DATE 31-3-18	.....	RESOLVING POWER OF A PRISM
DAY7 DATE 2-4-18	.....	THICKNESS OF A THIN PAPER BY FRINGE WIDTH OF INTERFERENCE FRINGES IN AN AIR WEDGE
DAY8 DATE 3-4-18	.....	DOUBLE SLIT INTERFERENCE BY LASER LIGHT
DAY9 DATE 4-4-18	.....	FORTRAN PROGRAM TO COMPUTE PRODUCT OF TWO MATRICES

DAY10 DATE 5-4-18	.....	FINITE INTEGRAL THROUGH SIMPSON'S ONE-THIRD RULE,
DAY11 DATE 6-4-18	.....	SUM OF AN INFINITE SERIES AND ASCENDING AND DESCENDING ORDER.
DAY12 DATE 7-4-18	.....	E/M BY THOMSON'S METHOD
DAY13 DATE 9-4-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON BASE (CB) CONFIGURATION
DAY14 DATE 10-4-18	.....	TRANSISTOR AS VOLTAGE AMPLIFIER IN COMMON EMITTER (CE) CONFIGURATION;
DAY15 DATE 11-4-18	.....	B-H CURVE OF A GIVEN FERROMAGNETIC MATERIAL
DAY16 DATE 12-4-18	.....	DIAMETER OF PARTICLES OF LYCOPODIUM POWDER USING CARONA RING
DAY17 DATE 13-4-18	.....	DIAMETER OF THIN WIRE USING HE-NE LASER
DAY18 DATE 14-4-18	<b>HOLIDAY</b>	
DAY19 DATE 16-4-18	.....	RESOLVING POWER OF A PLANE TRANSMISSION GRATING
DAY20 DATE 17-4-18	.....	RESOLVING POWER OF A PRISM
DAY21 DATE 18-4-18	<b>HOLIDAY</b>	
DAY22 DATE 19-4-18	.....	THICKNESS OF A THIN PAPER BY FRINGE WIDTH OF INTERFERENCE FRINGES IN AN AIR WEDGE
DAY23 DATE 20-4-18	.....	FORTRAN PROGRAM TO COMPUTE PRODUCT OF TWO MATRICES

**NAME OF ASSISTANT /ASSOCIATE PROFESSOR: DR. HARSH MOHAN**  
**CLASS/SECTION : M.SC. I**  
**SUBJECT : APPLIED PHYSICS**

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	.....	CLIPPING CIRCUITS : POSITIVE, NEGATIVE, BIASED AND COMBINATIONAL CLIPPER
DAY7 DATE 8-1-18	.....	CLAMPER CIRCUITS : POSITIVE AND NEGATIVE CLAMPER
DAY13 DATE 15-1-18	.....	RC COUPLED AMPLIFIER : TRANSISTORS, RC COUPLED AMPLIFIER, FREQUENCY RESPONSE CURVE
DAY19 DATE 22-1-18	<b>HOLIDAY</b>	
DAY20 DATE 23-1-18	<b>SPORTS DAY</b>	
DAY21 DATE 24-1-18	<b>HOLIDAY</b>	
DAY23 DATE 26-1-18	<b>HOLIDAY</b>	
UNIT/PART II	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 29-1-18	.....	POWER SUPPLY : ELECTRONIC COMPONENTS, POWER SUPPLY, REGULATED POWER SUPPLY, ZENER DIODE SHUNT REGULATOR
DAY3 DATE 31-1-18	<b>HOLIDAY</b>	
DAY7 DATE 5-2-18	.....	DIFFERENTIATOR AND INTEGRATOR : RECTIFIER, TYPES OF RECTIFIER, OP AMP, FILTER CIRCUIT
DAY11 DATE 9-2-18	<b>ASSIGNMENT 1</b>	.....
DAY12 DATE 10-2-18	<b>HOLIDAY</b>	
DAY13	.....	FOUR PROBE METHOD :

DATE 12-2-18		RESISTIVITY, THIN FILM AND VACUUM TECHNIQUES, FOUR PROBE METHOD
DAY14 DATE 13-2-18	<b>HOLIDAY</b>	
DAY19 DATE 19-2-18	.....	<b>CURIE TEMPERATURE :</b> MAGNETIC MATERIAL, CURIE TEMPERATURE, HYSTERESIS, B H CURVE
<b>UNIT/PART III</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY2 DATE 26-2-18	.....	SOIL CONDUCTIVITY : ANALOG AND DIGITAL CONDUCTOMETER
DAY3 DATE 27-2-18	<b>TEST &amp; SEMINAR (PG CLASSES)</b>	.....
DAY4 DATE 28-2-18	<b>HOLIDAY</b>	
DAY5 DATE 1-3-18	<b>HOLIDAY</b>	
DAY6 DATE 2-3-18	<b>HOLIDAY</b>	
DAY7 DATE 3-3-18	<b>HOLIDAY</b>	
DAY8 DATE 5-3-18	.....	LOGIC GATES : AND, OR, NOT GATE
DAY13 DATE 10-3-18	<b>ASSIGNMENT 2</b>	.....
DAY 14 DATE 12-3-18	.....	DIAC : SEMICONDUCTORS, TYPES OF SEMICONDUCTORS
DAY20 DATE 19-3-18	.....	DIAC : THYRISTORS, V-I CHARACTERISTICS OF DIAC
DAY22 DATE 21-3-18	<b>CONDITIONAL TEST</b>	.....
DAY23 DATE 22-3-18	<b>CONDITIONAL TEST</b>	.....
DAY 24 DATE 23-3-18	<b>HOLIDAY</b>	
<b>UNIT/PART IV</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY1	.....	GRAIN MOISTURE :

DATE 26-3-18		ANALOG MOISTURE METER
DAY4 DATE 29-3-18	<b>HOLIDAY</b>	
DAY7 DATE 2-4-18	.....	GRAIN MOISTURE : DIGITAL MOISTURE METER
DAY13 DATE 9-4-18	.....	TRIAC : SEMICONDUCTORS, TYPES OF SEMICONDUCTORS
DAY18 DATE 14-4-18	<b>HOLIDAY</b>	
DAY19 DATE 16-4-18	.....	TRIAC : THYRISTORS, V-I CHARACTERISTICS OF TRIAC
DAY21 DATE 18-4-18	<b>HOLIDAY</b>	

**NAME OF ASSOCIATE PROFESSOR**  
**CLASS/SECTION**  
**SUBJECT**

**: DR. HARSH MOHAN**  
**: B.SC. II (B6, B7)**  
**: PHYSICS**

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY3 DATE 3-1-18	.....	AREA OF WINDOW USING SAXTANT
DAY4 DATE 4-1-18	.....	HEIGHT OF AN INACCESSIBLE OBJECT USING SEXTANT
DAY5 DATE 5-1-18	.....	REFRACTIVE INDEX AND DISPERSIVE POWER OF PRISM
DAY9 DATE 10-1-18	.....	GRAPH BETWEEN WAVE LENGTH AND MINIMUM DEVIATION FOR VARIOUS LINES FROM MERCURY DISCHARGE SOURCE
DAY10 DATE 11-1-18	.....	WAVE LENGTH OF SODIUM LIGHT USING DIFFRACTION GRATING;
DAY11 DATE 12-1-18	.....	WAVE LENGTH OF SODIUM LIGHT USING NEWTON'S RING METHOD
DAY15 DATE 17-1-18	.....	RESOLVING POWER OF TELESCOPE

DAY16 DATE 18-1-18	.....	SPECIFIC ROTATION OF CANE SUGAR SOLUTION USING POLARIMETER
DAY17 DATE 19-1-18	.....	EQUIVALENT FOCAL LENGTH OF A LENS SYSTEM USING NODAL SLIDE ASSEMBLY
DAY19 DATE 22-1-18	<b>HOLIDAY</b>	
DAY20 DATE 23-1-18	<b>SPORTS DAY</b>	
DAY21 DATE 24-1-18	<b>HOLIDAY</b>	
DAY22 DATE 25-1-18	.....	COMMON BASE AND COMMON EMITTER CHARACTERISTICS OF A TRANSISTOR
DAY23 DATE 26-1-18	<b>HOLIDAY</b>	
<b>UNIT/PART II</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY3 DATE 31-1-18	<b>HOLIDAY</b>	
DAY4 DATE 1-2-18	.....	RIPPLE FACTOR IN A DC POWER SUPPLY;
DAY5 DATE 2-2-18	.....	FREQUENCY OF A TUNING FORK BY MELDE'S METHOD;
DAY9 DATE 7-2-18	.....	SERIES AND PARALLEL RESONANCE CIRCUITS
DAY10 DATE 8-2-18	.....	VOLTAGE DOUBLER AND TRIPLER CIRCUITS
DAY11 DATE 9-2-18	<b>ASSIGNMENT 1</b>	.....
DAY12 DATE 10-2-18	<b>HOLIDAY</b>	
DAY14 DATE 13-2-18	<b>HOLIDAY</b>	
DAY15 DATE 14-2-18	.....	FORTRAN PROGRAM FOR EVEN/ODD NUMBERS
DAY16 DATE 15-2-18	.....	MAXIMUM, MINIMUM AND RANGE OF A GIVEN SET OF NUMBERS
DAY17 DATE 16-2-18	.....	AREA OF TRIANGLE

DAY21 DATE 21-2-18	.....	ROOTS OF A QUADRATIC EQUATION
DAY22 DATE 22-2-18	.....	AREA OF , SPHERE AND CYLINDER
DAY23 DATE 23-2-18	.....	AREA OF WINDOW
<b>UNIT/PART III</b>	<b>TOPIC</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
DAY3 DATE 27-2-18	<b>TEST &amp; SEMINAR (PG CLASSES)</b>	.....
DAY4 DATE 28-2-18	<b>HOLIDAY</b>	
DAY5 DATE 1-3-18	<b>HOLIDAY</b>	
DAY6 DATE 2-3-18	<b>HOLIDAY</b>	
DAY7 DATE 3-3-18	<b>HOLIDAY</b>	
DAY10 DATE 7-3-18	.....	HEIGHT OF AN INACCESSIBLE OBJECT USING SEXTANT
DAY11 DATE 8-3-18	.....	REFRACTIVE INDEX AND DISPERSIVE POWER OF PRISM
DAY12 DATE 9-3-18	.....	GRAPH BETWEEN WAVE LENGTH AND MINIMUM DEVIATION FOR VARIOUS LINES FROM MERCURY DISCHARGE SOURCE
DAY13 DATE 10-3-18	<b>ASSIGNMENT 2</b>	.....
DAY16 DATE 14-3-18	.....	WAVE LENGTH OF SODIUM LIGHT USING DIFFRACTION GRATING;
DAY17 DATE 15-3-18	.....	WAVE LENGTH OF SODIUM LIGHT USING NEWTON'S RING METHOD
DAY18 DATE 16-3-18	.....	RESOLVING POWER OF TELESCOPE
DAY22 DATE 21-3-18	<b>CONDITIONAL TEST</b>	
DAY23 DATE 22-3-18	<b>CONDITIONAL TEST</b>	
DAY 24 DATE 23-3-18	<b>HOLIDAY</b>	

UNIT/PART IV	TOPIC	
	THEORY	PRACTICAL
DAY3 DATE 28-3-18	.....	SPECIFIC ROTATION OF CANE SUGAR SOLUTION USING POLARIMETER
DAY4 DATE 29-3-18	<b>HOLIDAY</b>	
DAY5 DATE 30-3-18	.....	EQUIVALENT FOCAL LENGTH OF A LENS SYSTEM USING NODAL SLIDE ASSEMBLY
DAY9 DATE 4-4-18	.....	COMMON BASE AND COMMON EMITTER CHARACTERISTICS OF A TRANSISTOR
DAY10 DATE 5-4-18	.....	RIPPLE FACTOR IN A DC POWER SUPPLY;
DAY11 DATE 6-4-18	.....	FREQUENCY OF A TUNING FORK BY MELDE'S METHOD;
DAY15 DATE 11-4-18	.....	SERIES AND PARALLEL RESONANCE CIRCUITS
DAY16 DATE 12-4-18	.....	VOLTAGE DOUBLER AND TRIPLER CIRCUITS
DAY17 DATE 13-4-18	.....	FORTRAN PROGRAM FOR EVEN/ODD NUMBERS
DAY18 DATE 14-4-18	<b>HOLIDAY</b>	
DAY21 DATE 18-4-18	<b>HOLIDAY</b>	
DAY22 DATE 19-4-18	.....	MAXIMUM, MINIMUM AND RANGE OF A GIVEN SET OF NUMBERS
DAY23 DATE 20-4-18	.....	ROOTS OF A QUADRATIC EQUATION