Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Class : II B.Sc (Physics) Academic Year : 2017 - 2018 Semester : IV

Course : UG Subject Code : 15 UPHCA1

Title of the Paper : ElectroMagnetism

Theory / Practical Name of the Teacher : Dr.S.H. Mohamed Ameer

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	8-12-17 C	I	Mag. properties - Unit - I Permeability - Susceptibility -	11-12-17 (D)
2	11-12-17 D	I	classification of Magnetic Materials	13-12-17 (F)
3	13-12-17 F	I	Langevin's theory of dia Magnetism	18-12-17 (C)
4	18-12-17 C	I	Langevin's theory of para Magnetism	19-12-17 (D)
5	19-12-17 D	I	Weiss theory of ferromagnetism	21-12-17 (F)
6	21-12-17 F	I	B-H curve - BG Method	29-12-17 (D)
7	28-12-17 C	I	Hysteresis - Energy loss	2-1-18 (F)
8	29-12-17 D	I	Importance of Hysteresis	5-1-18 (C)
9	2-1-18 F	I	" "	10-1-18 (F)
10	5-1-18 C	II	Unit - II - Magneto statics Magnetic vector potential	18-1-18 (C)
11	8-1-18 D	II	Magnetic field for a long straight current carrying conductor	19-1-18 (D)
12	10-1-18 F	II	Magnetic scalar potential - application	22-1-18 (F)
13	18-1-18 C	II	Magnetic shell	25-1-18 (C)
14	19-1-18 D	II	Potential at any point due to a Mag. shell	29-1-18 (D)
15	22-1-18 F	II	Magnetic potential due to a circular Mag. shell.	31-1-18 (F)

Text books :

1. Electricity and Magnetism
2. — R. Murugesan

Reference books :

1. Electricity and Magnetism — D.C. Tayal
2. " " — Brijlal & Subramanian

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	1					
Internal Test	3	I Test Portions unit - I & II	II Test Portions unit - III & IV	III Test Portions unit - V		

Teacher's Signature HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	25-1-18 C	II	Ampere's theorem – Hall effect	6-2-18 (D)
17	29-1-18 D	II	Quantitative analysis of Hall effect	8-2-18 (F)
18	31-1-18 F	II	applications of Hall effect	12-2-18 (C)
19	5-2-18 C	III	unit-III – Electromagnetic induction Faraday's law of EMT	13-2-18 (D)
20	6-2-18 D	III	Vector form – self inductance	15-2-18 (F)
21	8-2-18 F	III	Self inductance of a long solenoid	23-2-18 (F)
22	12-2-18 C	III	Raleigh bridge	26-2-18 (C)
23	13-2-18 D	III	Mutual inductance	1-3-18 (D)
24	15-2-18 F	III	Mutual inductance between two co-axial coils	7-3-18 (C)
25	20-2-18 C	III	Experimental determination of M	"
26	21-2-18 D	III	" "	"
27	23-2-18 F	III	Coeff. of coupling	8-3-18 (D)
28	28-2-18 C	IV	unit-IV – Magnetic effects of electric current – cork screw law – RH thumb rule	10-3-18 (F)
29	1-3-18 D	IV	Def. for B – Biot-Savart law	20-3-18 (A)
30	3-3-18 F	IV	Ampere's law	"
31	7-3-18 C	IV	Mag. field due to current in a straight conductor	"
32	8-3-18 D	IV	" " "	"
33	10-3-18 F	IV	Mag. field due to a current in a circular coil	23-3-18 (D)
34	14-3-18 C	IV	" "	2-4-18 (A)
35	15-3-18 D	IV	Mag. field due to a solenoid	"
36	19-3-18 F	IV	" " "	4-4-18 (C)
37	22-3-18 C	V	unit-V – Generators and Motors – Three phase ac generator	5-4-18 (D)
38	23-3-18 D	V	advantages – different types of Three phase connections	10-4-18 (A)
39	27-3-18 F	V	ac dynamo	12-4-18 (C)
40	4-4-18 C	V	two phase ac generator	"

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
41	5-4-18 D	V	DC dynamo - field excitation	12-4-18 (C)
42	9-4-18 F	V	DC motor - Three phase ac generator.	
43	12-4-18 C	V	Y - connection	
44	13-4-18 D	V	Phase & voltage relationship	
45	18-4-18 C	V	Delta connection	

Teacher's Signature

HOD Signature

SADAKATHULLAH APPA COLLEGE (AUTONOMOUS), TIRUNELVELI - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : Bsc Maths Class : II-year Academic Year: 2017 - 2018 Semester : III & IV

Title of the Paper : Allied Physics Practical Subject Code : 15UPHA4P

Theory / Practical

Name of the teacher : A. Jeneta Begam

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	~~20~~ 3/7/2017-C	III-Sem	Young's Modulus uniform bending	18/7/2017
2	11/7/2017-C		Young's modulus - Non uniform bending	26/7/2017
3	18/7/2017-C		Lee's disc - Thermal conductivity	2/8/2017
4	26/7/2017-C		Airwedge - Thickness of wire	10/8/2017
5	2/8/2017-C		Zenor diode - Characteristics	21/8/2017
6	10/8/2017-C		Calibration of voltmeter using potentiometer	30/8/2017
7	18/12/2017	IV-Sem	Young's modulus - cantilever depression	5/1/2018
8	28/12/2017		Verification of Newton's law of cooling	11/1/2018
9	5/1/2018		Spectrometer Grating - Oblique incidence	25/1/2018
10	18/1/2018		Newton's ring - Refractive index	5/2/2018
11	25/1/2018		Basic Logic Gates - OR, NOT and AND	12/2/2018
12	5/2/2018		Transistors characteristics C.E. mode	22/2/2018

Text books :

1.

2.

Reference books :

1. Practical Physics - C.C. Ouseph

2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	—	—	—	—	—	—
Internal Test	Sem-III 02 Sem-IV-02	I st Test Portions	II nd Test Portions	III rd Test Portions	18/9/2017 6/10/2017 7/3/2018 14/3/2018	18/9/2017 6/10/2017 7/3/2018 14/3/2018

for S.Arif

Teacher's Sign

HOD Sign

FM3/Rev 01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : BSC Chemistry Class : II - year Academic Year : 2017 - 2018 Semester : IV (III & IV)

Title of the Paper : Allied Physics practical Subject Code : 15UPHA4P

Theory / Practical

Name of the Teacher : Dr. S. Nazanin Begum.

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	1/7/17 - B	III sem	Young's modulus - uniform bending	10/7/17
2	10/7/17 - B		Young's modulus - Non uniform bending	17/7/17
3	17/7/17 - B		Lee's disc - Thermal conductivity	25/7/17
4	25/7/17 - B		Air wedge - Thickness of wire	1/8/17
5	1/8/17 - B		Characteristics of Zener diode	9/8/17
6	9/8/17 - B		Calibration of voltmeter using potentiometer	19/8/17
7	15/12/17	IV sem	Young's Modulus - Cantilever depression	27/12/17
8	27/12/17		Verification of Newton's law of cooling	4/1/18
9	4/1/18		Spectrometer Grating - oblique incidence	12/1/18
10	12/1/18		Newton's ring - Refractive index	24/1/18
11	24/1/18		Basic logic gates OR, NOT and AND	2/2/18
12	2/2/18		Transistor Characteristics (CE mode)	10/2/18

Text books :

1.

2.

Reference books :

1. Practical Physics - S. D Gupta
2. Practical Physics - C. C. Ouseph

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	—	—	—	—	—	—
Internal Test	Sem-III 02 Sem-IV 02	I st Test Portions	II nd Test Portions	III rd Test Portions	25/9/17 5/10/17 6/3/18 13/3/18	20/9/17 5/10/17 6/3/18 13/3/18

Teacher's Signature

HOD Signature

FM3/Rev01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : B.Sc Class : II Mathematics (Aided) Academic Year : 2017 - 2018 Semester : IV

Title of the Paper : Allied Physics - II Subject Code : 15UPHA41

Theory / Practical Name of the Teacher : A. Jenufa Begam

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	06.12.17 & A	I	Introduction to frame of reference	12.12.17
2	12.12.17 & E	I	Galilean transformation	13.12.17
3	13.12.17 & F	I	Postulates, Introduction of Lorentz transformation	19.12.17
4	19.12.17 & D	I	Derivation for Lorentz transformation	20.12.17
5	20.12.17 & E	I	De-Broglie's theory of matter waves	21.12.17
6	21.12.17 & A	I	Expression for de-broglie wavelength	30.12.17
7	30.12.17 & E	I	Explanation of Davison & Germer experiment	2.1.18
8	2.1.18 & F	I	Applications of Davison & Germer Experiment	9.1.18
9	9.1.18 & E	I	Unit Test - I	10.1.18
10	10.1.18 & F	II	Introduction of nucleus and Nuclear structure	11.1.18
11	11.1.18 & A	II	Properties of Nucleus	20.1.18
12	20.1.18 & E	II	Packing fraction, BE curve	23.1.18
13	23.1.18 & A	II	B/A curve applications	30.1.18
14	30.1.18 & E	II	Nuclear forces	1.2.18
15	1.2.18 & A	II	Nuclear stability	7.2.18

Text books :

1.

2.

Reference books :

1. Modern Physics - R. Murugesan
2. Electricity & Magnetism - R. Murugesan

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	3	Lorentz Transformation	Self Induction	Half adder Full adder	12.12.17, 5.3.18	30.12.17, 12.03.18
Internal Test	3	I st Test Portions Unit - I Unit - II half	II nd Test Portions Unit III	III rd Test Portions Unit IV		

Teacher's Signature HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	7.2.18 & E	I	Liquid drop model	8.2.18
17	8.2.18 & F	I	Unit test - II	14.2.18
18	14.2.18 & E	III	Definition of charge, current, P.D	17.2.18
19	17.2.18 & A	III	Resistance, Resistivity, ohm's law introduction	22.2.18
20	22.2.18 & E	III	Kirchoff's law, Principle of Potentiometer	23.2.18
21	23.2.18 & F	III	Calibration of volt meter	26.2.18
22	26.2.18 & A	III	Capacitance, self induction	2.3.18
23	2.3.18 & E	III	self induction of toroidal solenoid	3.3.18
24	3.3.18 & F	III	Determination of S.I by Raleigh method	5.3.18
25	5.3.18 & A	III	Mutual inductance blw two wires	9.3.18
26	9.3.18 & E	III	Determination of M.I using B.G	12.3.18
27	12.3.18 & A	VI	Unit test - III	16.3.18
28	16.3.18 & E	V	Basic logic gates - truth table	19.3.18
29	19.3.18 & F	V	NOR, NAND, Gates - Boolean eqn.	20.3.18
30	20.3.18 & A	V	NAND gate as universal building block	27.3.18
31	27.3.18 & F	V	NOR gate as universal building block	27.3.18
32	4.4.18 & C	V	Binary adder, EX-OR gate	4.4.18
33	6.4.18 & E	V	Half adder	6.4.18
34	9.4.18 & F	V	Full adder	9.4.18
35	10.4.18 & A	V	Unit test - IV	10.4.18
36	12.4.18 & C	IV	Introduction to semiconductor diode	12.4.18
37	12.4.18 & C	IV	Diode characteristics	12.4.18
38	16.4.18 & A	IV	Zener diode characteristics	16.4.18
39	16.4.18 & A	IV	Regulation with zener diode	16.4.18
40	18.4.18 & C	IV	Bridge rectifier - Half wave	18.4.18

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
41	18.4.18 & C	IV	Bridge rectifier - full wave	18.4.18
42	18.4.18 & C	IV	Biasing of transistor	18.4.18
43	20.4.18 & E	IV	characteristics of transistor	20.4.18
44	21.4.18 & F	IV	RC coupled amplifier.	21.4.18

Teacher's Signature

HOD Signature

FM3/Rev01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : B Sc (Chemistry) Class : II - year Academic Year : 2017 - 2018 Semester : IV

Title of the Paper : Allied Physics - II Subject Code : 15UAPH41

Theory / Practical Name of the Teacher : Dr. S. Nazarath Begum

Sl.No.	Date & Order	Unit	Topics planned	Covered on
		I	Relativity and wave Mechanics	
1	11/12/17 - D		Frame of reference	12/12/17
2	12/12/17 - E		Galilean transformation	13/12/17
3	13/12/17 - F		postulates	19/12/17
4	19/12/17 - D		Lorentz transformation	20/12/17
5	20/12/17 - E		Lorentz transformation	21/12/17
6	21/12/17 - F		de-Broglie's theory of matter waves	29/12/17
7	29/12/17 - D		Expression for debroglie wave length	30/12/17
8	30/12/17 - E		Davison and Germer's Experiment	30/12/17
9	2/1/2018 - F		class test	2/1/18
		II	Nuclear Physics	
10	8/1/18 - D		Nuclear structure	8/1/18
11	9/1/18 - E		Properties of nucleus	9/1/18
12	10/1/18 - F		Packing fraction	10/1/18

Text books :

1.

2.

Reference books :

1. Modern Physics - R. Murugeshan
2. Electricity & Magnetism R. Murugeshan.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	03	L.T equation	Mutual Inductance	Basic logic gate	6/1/18 & 22/1/18 & 23/1/18	6/1/18 & 22/1/18
Internal Test	02	I st Test Portions 100% I unit and 50% of II unit	II nd Test Portions 50% II unit + 100% III unit	III rd Test Portions 100% IV unit & 100% of V unit	24/1/18	29/1/18
					4/3/18	4/3/18
					9/4/18	9/4/18

Teacher's Signature HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
13	19/1/18-D	II	Binding Energy	19/1/18
14	20/1/18-E		BE/A curve	20/1/18
15	22/1/18-F		Nuclear forces	22/1/18
16	29/1/18-D		Nuclear stability	29/1/18
17	30/1/18-E		liquid drop model	30/1/18
18	31/1/18-F		class test	31/1/18
		III	Electricity and Electro magnetism	
19	6/2/18-D		Charge, current, Potential difference	6/2/18
20	7/2/18-E		Resistance, Resistivity, ohm's law	7/2/18
21	8/2/18-F		Kirchoff's law, Principle of Potentiometer	8/2/18
22	13/2/18-D		Calibration of Voltmeter	13/2/18
23	14/2/18-E		Capacitance, self induction	14/2/18
24	15/2/18-F		Self Induction of Toroidal Solenoid	15/2/18
25	21/2/18-D		Determination of Rayleigh method	21/2/18
26	22/2/18-E		Mutual induction b/w two coils	22/2/18
27	23/2/18-F		Determination of mutual Inductance	23/2/18
		IV	Basic Electronics	
28	1/3/18-D		Semiconductor diode	
29	2/3/18-E		Diode characteristics	1/3/18
30	3/3/18-F		Zenor diode characteristics	2/3/18
31	8/3/18-D		Regulation with Zenor diode	3/3/18
32	9/3/18-E		Bridge rectifier	8/3/18
33	10/3/18-F		Halfwave rectifier	9/3/18
34	15/3/18-D		Fullwave rectifier	10/3/18
35	16/3/18-E		Biasing of transistor, transistor characteristics	16/3/18

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
36	19/3/18-F		RC-coupled amplifier	19/3/18
		V	~~Basic logic gates~~ Digital Electronics	
37	23/3/18-D		NOR, NAND, EX-OR gates	23/3/18
38	26/3/18-E		Basic logic gates	26/3/18
39	27/3/18-F		Boolean equations and logic circuits	27/3/18
40	5/4/18-D		NOR - Universal gate	5/4/18
41	6/4/18-E		NAND - Universal gate	6/4/18
42	9/4/18-F		Binary Adder - Half adder	9/4/18
43	19/4/18-D		Full adder	19/4/18
44	20/4/18-E		Diagram of logic circuits	20/4/18
45	21/4/18-F		Class test - III	21/4/18

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : (NME) Class : II year Academic Year : 2017 - 2018 Semester : IV

Title of the Paper : Basic Physics - II Subject Code : 15UPHN41

Theory / Practical : Name of the Teacher : Dr. S. Nazarenth Begum

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	6/12/17 A	I	Definition of wave, Characteristics of wave	12/12/17
2	8/12/17 C		Periodic motion	14/12/17
3	12/12/17 E		Simple harmonic motion	18/12/17
4	14/12/17 A		Free Forced and damped oscillations	20/12/17
5	18/12/17 C		Resonance	22/12/17
6	20/12/17 E		Doppler's effect & Applications	28/12/17
7	22/12/17 A		Definition - Ultrasonics, properties Production methods	30/12/17
8	28/12/17 C		Applications of ultrasonics	3/1/18
9	30/12/17 E		Class test	5/1/18
10	3/1/18 A	II	Electric charge, fields and potentials	9/1/18
11	5/1/18 C		Coulomb's law, Ohm's law, resistor, capacitor	11/1/18
12	9/1/18 E		Kirchoff's laws and applications	18/1/18
13	11/1/18 A		Alternating current, Response of LCR circuits	20/1/18
14	18/1/18 C		Resonance, Q factor and damping factor	23/1/18
15	20/1/18 E		Magnetic fields	25/1/18

Text books :

1. -
2.

Reference books :

1. Introduction to Integrated Electronics V. Vijayendran
2. Modern physics - R. Murugesan

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	02	Unit - I Ultrasonics	Unit - III Microscopes	-	5/1/18 2/3/18	5/1/18 2/3/18
Internal Test	03	I Test Portions I unit & 25% of II unit	II Test Portions 75% of II unit & 50% of III unit	III Test Portions 50% of III unit & 100% of IV unit	25/1/18 5/3/18 10/4/18	30/1/18 5/3/18 10/4/18

Teacher's Signature

HOD Signature

FM3/Rev01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	23/1/18 A	II	Magnetic materials - types	30/1/18
17	25/1/18 C		faraday's law of Electromagnetic Induction	1/2/18
18	30/1/18 E		Transformers	5/2/18
19	1/2/18 A	III	Electromagnetic waves, their Characteristics and applications	7/2/18
20	5/2/18 C		Characteristics of light - reflection refraction	9/2/18
21	7/2/18 E		Characteristics of light scattering dispersion, Total internal reflection	12/2/18
22	9/2/18 A		lenses and defect in images	14/2/18
23	12/2/18 C		optical Instruments - Kaleidoscope, Periscope	17/2/18
24	14/2/18 E		Microscope, telescope	20/2/18
25	17/2/18 A		Interference	22/2/18
26	20/2/18 C		Diffraction	26/2/18
27	22/2/18 E		Laser and their applications	28/2/18
28	26/2/18 A	V	Conductor, Insulator and semiconductors	2/3/18
29	28/2/18 C		Diode, types of Diode	5/3/18
30	2/3/18 E		Rectifiers	7/3/18
31.	5/3/18 A		Transistors - Introduction	9/3/18
32	7/3/18 C		characteristics and applications	12/3/18
33	9/3/18 E		Basic logic gates	14/3/18
34	12/3/18 A		Components of computer system	16/3/18
35	14/3/18 C		Fiber optic communication	20/3/18
36	16/3/18 E		Modem	22/3/18
37	20/3/18 A	IV	Atomic models - Sommerfeld and Rutherford	26/3/18
38	22/3/18 C		Atomic Models - J.J Thomson, vector atom model	2/4/18
39	26/3/18 E		Nucleus, properties - Isotopes	4/4/18
40	2/4/18 A		Nuclear fission and fusion applications	6/4/18

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
41	4/4/18 C	IV	Radioactive decay — Detection	10/4/18
42	6/4/18 E		characteristics of Radioactive decay	12/4/18
43	10/4/18 A		Half life and Applications	12/4/18
44	12/4/18 C		Indian Nuclear Reactors	16/4/18
45	20/4/18 E		class test.	16/4/18

Teacher's Signature

HOD Signature

FM3/Rev01

SADAKATHULLAH APPA COLLEGE (AUTONOMOUS), TIRUNELVELI - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : BSc-Physics Class : III-year Academic Year: 2017 - 2018 Semester : VI

Title of the Paper : Communication Electronics Subject Code : 15UPHCG2

Theory / Practical

Name of the teacher : Dr. M. Mohamed Roshan
Dr. S. Nazarath Begum

Sl.No.	Date & Order	Unit	Topics planned	Covered on
		I	Radio Communication System	
1.	6/12/17-A		Introduction to communication system	6/12/17
2.	8/12/17-C		Need for modulation	8/12/17
3.	14/12/17-A		Signal to noise ratio	14/12/17
4.	18/12/17-C		Amplitude modulation	18/12/17
5.	22/12/17-A		AM - Frequency Spectrum	22/12/17
6.	28/12/17-C		AM Transmitter	28/12/17
7.	3/1/18-A		Super hetrodyne receiver	3/1/18
8.	5/1/18-C		Super hetrodyne receiver	5/1/18
9.	11/1/18-A		Frequency modulation	11/1/18
10	18/1/18-C		FM - Frequency Spectrum	18/1/18
11.	23/1/18-A		FM - transmitter	25/1/18
12.	25/1/18-C		Comparison of AM and FM	1/2/18
13	1/2/18-A		Comparison of AM and FM	5/2/18
14	5/2/18-C		problems discussed	9/2/18

Text books :

1. Principle of Communication K.S. Srinivasan
2.

Reference books :

1.
2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	01	AM - Transmitter			18/1/18	18/1/18
Internal Test		I st Test Portions	II nd Test Portions	III rd Test Portions		

Teacher's Sign

HOD Sign

SADAKATHULLAH APPA COLLEGE (AUTONOMOUS), TIRUNELVELI - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
15	9/2/18-A		Class Test	12/2/18
		II	pulse modulation (Communication)	
16	12/2/18-C		Introduction	17/2/18
17	14/2/18-A		Types of pulse Modulation	20/2/18
18	20/2/18-C		Pulse amplitude modulation	26/2/18
19	26/2/18-A		Pulse amplitude modulation	28/2/18
20	28/2/18-C		pulse width modulation	28/3/18
21	5/3/18-A		Generation of PP modulation	7/3/18
22	7/3/18-C		Detection of PP modulation	7/3/18
23	12/3/18-A		Pulse code Modulation	12/3/18
24	14/3/18-C		Pulse code Modulation	14/3/18
25	20/3/18-A		Frequency Division Multiplexing	20/3/18
26	22/3/18-C		Frequency Division multiplexing	22/3/18
27	2/4/18-A		Time division multiplexing	22/3/18
28	4/4/18-C		Time division multiplexing	4/4/18
29	6/4/18-A		Telegraphy and Telemetry	16/4/18
30	18/4/18-C		Class test	18/4/18

Teacher's Sign

HOD Sign

FM3/Rev 01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : B.Sc(physics) Class : Academic Year : 2017 - 2018 Semester : VI

Title of the Paper : Communication Electronics Subject Code : 15UPHP61

Theory / ~~Practical~~ Name of the Teacher : M. Mohamed Roshan.

Sl.No.	Date & Order	Unit	Topics planned	Covered on
			UNIT 3 Digital Comm.	
01	13/12/17	F	Introduction of binary & Digital	13/12/17 F
02	15/12/17	B	Basic principles of Digital Comm.	
03	18/12/17	C	Series & parallel Input data	
04	21/12/17	F	Characteristics of Data Trans.	
05	27/12/17	B	Diff. Digital Codes Bandot, Circuits	
06	28/12/17	C	ASCII Code, EBCDIC Code BCD	
07	02/01/18	F	Why do we need a modem &	
08	04/01/18	B	Modem Interfacing with basics Net	
09	05/01/18	C	Functioning of modem & Applh.	
10	10/01/18	F	Network organization: Types	
11	12/01/18	B	Protocols. for Networks.	
12	18/01/18	C	How do mails send Electronically	
			How to register/send/Receive E mail	

Text books :

1. Principles of Electronics K.S. Srinivasan
2.

Reference books :

1.
2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	2	Digital codes	optical Fiber Types & Structure			
Internal Test	3	I st Test Portions UNIT III	II nd Test Portions UNIT IV	III rd Test Portions UNIT V		

Teacher's Signature HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
13	22/1/18	F	Internet & Searching / Applns.	
14	24/1/18	B	Searching through Internet / Applns.	
15	25/1/18	C	Revision	
			UNIT 4 Broad Band Commn.	
16	31/1/18	F	Introduction of wide band / Broad Band	
17	02/02/18	B	Microwave links - basic principle types & BA & design	
18	05/02/18	C	construction, working of Repeators.	
19	08/02/18	F	Long Haul commn - MW Link systems.	
20	10/02/18	B	Submarine cables.	
21	12/02/18	C	Satellite commn. Introduction, charcts.	
22	15/02/18	F	Basic principle & working constn. Geosat	
23	19/2/18	B	Earth Station How Functions	
24	20/2/18	C	Basic Principle of Radar,	
25	23/2/18	F	Radar performance factors.	
26	27/2/18	B	Doppler effect principle & Applns to Radar, types	27/2/18
27	28/2/18	C	CW Radar system c & work	06/3/18
28	03/03/18	F	Pulsed Radar system	06/03/18
29	06/03/18	B	Numericals Related to Chapter	07/03/18
30	07/03/18	C	Revision.	
			UNIT 5 Optical Commn.	
31	10/3/18	F	Optical Fibre - basic Structure Introdn	10/3/18
32	13/3/18	B	Principle involved in Fiber commn. TIR	13/3/18
33	14/3/18	C	Acceptance angle & Numerical Aperture	14/3/18
34	19/3/18	F	Characteristics of Fibre & Advs.	19/3/18

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
35	26/3/18	B	Fibre Cables & Losses	27/3/18
36	22/3/18	C	Fibre optic components - Sources	27/3/18
37	27/3/18	F	Components - Detectors	03/4/18
38	03/04/18	B	Fiber optic Testing - OTDR	09/4/18
39	04/04/18	C	Splicing - Fusion & mechanical	CL 11/4/18
40	09/04/18	F	Optical connectors - types	12/4/18
41	11/04/18	B	Optical Communication Receiver	17/4/18
42	12/04/18	C	Numericals - Related	
43	17/4/18	B	Revision - of chapters	
44	18/4/18	C	Revision of chapters	
45	21/4/18	F	Past Papers - Discussion	

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : UG Class : III B.Sc (Physics) Academic Year : 2017 - 2018 Semester : VI

Title of the Paper : Quantum Mechanics and Statistical Mechanics Subject Code : 15UPH61

Theory / Practical Name of the Teacher : Dr. S.H. Mohamed Ameen

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	6-12-17 A	I	unit-I - Wave Mechanics Inadequacy of classical Mechanics	13-12-17 (F)
2	7-12-17 B	I	Black body radiation	15-12-17 (B)
3	12-12-17 E	I	Sp. Ref capacity of solids	20-12-17 (E)
4	13-12-17 F	I	Matter waves - Expression for wavelength	21-12-17 (F)
5	14-12-17 A	I	Davison - Garmer Expt.	22-12-17 (A)
6	15-12-17 B	I	" "	27-12-17 (B)
7	20-12-17 E	I	G.P. Thomson expt.	30-12-17 (E)
8	21-12-17 F	I	" "	30-12-17 (E)
9	22-12-17 A	I	wave packet and its motion	2-1-18 (A)
10	27-12-17 B	I	relation between v_g & v_p	9-1-18 (E)
11	30-12-17 E	I	Heisenberg's uncertainty principle	10-1-18 (F)
12	2-1-18 A	I	proof & applications	11-1-18 (A)
13	3-1-18 A	II	unit-2 - General formalism	20-1-18 (E)
14	4-1-18 B	II	Schrodinger's time-dependent and	23-1-18 (A)
15	9-1-18 E	II	time-independent wave equations	24-1-18 (B)

Text books :

1. Q.M - Sathya Prakash
2. Modern Physics - Kakani

Reference books :

1. Q.M - Mathews and Venkatesan
2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	1	uncertainty principle	using operators			
Internal Test	3	I[st] Test Portions	II[nd] Test Portions	III[rd] Test Portions		

Teacher's Signature HOD Signature

FM3/Rev01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	10-1-18 F	II	wave function and its interpretation	30-1-18 (E)
17	11-1-18 A	II	Normalization of wave function	31-1-18 (F)
18	12-1-18 B	II	Symmetric and asymmetric wave functions	1-2-18 (A)
19	20-1-18 E	II	Probability current density	2-2-18 (B)
20	22-1-18 F	II	" "	8-2-18 (F)
21	23-1-18 A	II	Stationary states	9-2-18 (A)
22	24-1-18 B	II	" "	"
23	30-1-18 E	II	Fundamental postulates of Q.M.	14-2-18 (E)
24	31-1-18 F	II	" "	"
25	1-2-18 A	III	unit-3 - operators and their operators Linear operators - Identity operator	15-2-18 (F)
26	2-2-18 B	III	Hermitian operator	19-2-18 (B)
27	7-2-18 E	III	" "	"
28	8-2-18 F	III	Ladder operator	23-2-18 (F)
29	9-2-18 A	III	" "	"
30	10-2-18 B	III	Laplacian operator - Mom. operator	26-2-18 (A)
31	14-2-18 E	III	K.E operator - Hamiltonian operator	"
32	15-2-18 F	III	Eigen values & eigen functions of operators	"
33	17-2-18 A	III	uncertainty principle using operators	27-2-18 (B)
34	19-2-18 B	III	" " "	2-3-18 (F)
35	22-2-18 E	III	orbital angular mom. operator	5-3-18 (A)
36	23-2-18 F	III	" "	"
37	26-2-18 A	IV	unit-4 - Bound state	6-3-18 (B)
38	27-2-18 B	IV	Particle in a 1-D Box	"
39	2-3-18 E	IV	" "	7-3-18
40	3-3-18 F	IV	Normalization of wave fun.	7-3-18

Teacher's Signature

HOD Signature

FM3/Rev01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
41	5-3-18 A	IV	Particle in a 3-D box	10-3-18 (F)
42	6-3-18 B	IV	" " "	13-3-18 (B)
43	9-3-18 E	IV	" " "	19-3-18 (F)
44	10-3-18 F	IV	Degeneracy	20-3-18 (A)
45	12-3-18 A	IV	" "	"
46	13-3-18 B	IV	Rigid rotator	25-3-18 (D)
47	16-3-18 E	IV	" "	26-3-18 (E)
48	19-3-18 F	IV	" "	27-3-18 (F)
49	20-3-18 A	IV	Linear Harmonic oscillator	2-4-18 (A)
50	21-3-18 B	IV	" "	3-4-18 (B)
51	26-3-18 E	IV	" "	5-4-18 (D)
52	27-3-18 F	I	Problems in unit-I	6-4-18 (E)
53	2-4-18 A	III	" "	9-4-18 (F), 10-4-18 (A)
54	3-4-18 B	II	Problems in unit-II	11-4-18 (B), 13-4-18 (D)
55	6-4-18 E	II	" " "	16-4-18 (A) 17-4-18 (B)
56	9-4-18 F	III	Problems in unit-III	
57	10-4-18 A	III	" "	
58	11-4-18 B	IV	Problems in unit-IV	
59	20-4-18 E	IV	" "	
60	21-4-18 F	IV	" "	

Teacher's Signature

HOD Signature

C3, D5, F3

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Class : II B.Sc (Physics) Academic Year : 2017 - 2018 Semester : IV

Course : UG

Title of the Paper : Electro Magnetism

Subject Code : 15UPHC41

Theory / Practical

Name of the Teacher : Dr. S.H. Mohamed Ameen

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	08-12-17-C	I	unit-I - Magnetic properties of Materials - Permeability - Susceptibility	11-12-17
2	11-12-17-D	I	classification of magnetic Materials	13-12-17
3	13-12-17-F	I	Langevin's theory of dia and Para Magnetism	18-12-17
4	18-12-17-C	I	" "	19-12-17
5	19-12-17-D	I	Weiss theory of Ferro Magnetism	21-12-17
6	21-12-17-F	I	" "	21-12-17
7	28-12-17-C	I	BH-curve - Ballistic Method	29-12-17
8	29-12-17-D	I	Hysteresis - energy loss - importance of Hysteresis	2-1-18
9	02-01-18-F	I	Problems in unit-I	5-1-18
10	05-01-18-C	II	unit-II - Magnetostatics	10-1-18
11	08-01-18-D	II	Magnetic vector potential	18-1-18
12	10-01-18-F	II	Magnetic fields for a long straight current carrying wire	19-1-18
13	18-01-18-C	II	Magnetic scalar potential	22-1-18
14	19-01-18-D	II	" " - applications	22-1-18
15	22-01-18-F	II	Magnetic shell - potential at a point due to a Magnetic shell	25-1-18

Text books :

1. Electricity and Magnetism - R. Murugesan
2. " " - Brijlal and Subramanian

Reference books :

1. Electricity and Magnetism - D.C. Tayal
2. " " - Arora, Saxena and Prakash

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	2	Weiss Theory of Ferro Magnetism	Rayleigh's of Hysteresis loop		6-1-17 23-2-17	9-1-17 6-9-17
Internal Test	3	I Test Portions unit-I & II	II Test Portions unit-III & IV	III Test Portions unit-V		

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	25-01-18-C	II	" " - due to a circular mag. shell	29-1-18
17	29-01-18-D	II	Ampere's theorem - Hall effect - quantitative analysis	31-1-18
18	31-01-18-F	II	Applications of H.E - Problems in unit-II	6-2-18
19	05-2-18-C	III	unit-III - EM induction - Faraday's laws	8-2-18
20	6-2-18-D	III	Vector form - self inductance of a coil	12-2-18
21	8-2-18-F	III	Rayleigh bridge	18-2-18
22	12-2-18-C	III	Anderson bridge -	19-2-18
23	13-2-18-D	III	Mutual inductance - M_1/M_2 between two coils	23-2-18
24	15-2-18-F	III	experimental determination of M_1/M_2	28-2-18
25	20-2-18-C	III	" "	28-2-18
26	21-2-18-D	III	coeff. of coupling	28-2-18
27	23-2-18-F	III	Problems in unit-III	1-3-18
28	28-2-18-C	IV	unit-IV - Magnetic effects of electric current	4-3-18
29	01-3-18-D	IV	Cork's screw rule - RH thumb rule	8-3-18
30	3-3-18-F	IV	def. of B - Biot-Savart's law	8-3-18
31	7-3-18-C	IV	Ampere law - mag. field due to	10-3-18
32	8-3-18-D	IV	curve in a straight conductor	23-3-18
33	10-3-18-F	IV	mag circular coil	23-3-18
34	14-3-18-C	IV	Mag. field due to a solenoid	2-4-18
35	15-2-18-D	IV	" "	2-4-18
36	19-3-18-F	IV	Problems in unit-IV	2-4-18
37	22-3-18-C	V	unit-V - Generators and motors	4-4-18
38	23-3-18-D	V	Three phase AC generator	4-4-18
39	27-3-18-F	V	advantages	5-4-18
40	4-4-18-C	V	different types of 3 phase connection	10-4-18

Teacher's Signature

HOD Signature

FM3/Rev01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
41	5-9-18 D	V	ac dynamo – 2 phase ac generator	12-9-18
42	9-9-18-F	V	dc dynamo – field excitation	18-9-18
43	12-9-18_C	V	DC motor – 3 phase ac generator	20-9-18
44	13-9-18 D	V	Y- connection & Δ - connection	20-9-18
45	21-9-18-F	V	Phase & voltage relationship - Problems in unit V	21-9-18

Teacher's Signature

HOD Signature

A3, A4, A5

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : UG Class : II B.Sc (Physics) Academic Year : 2017 - 2018 Semester : III & IV

Title of the Paper : Core Physics practical - II Subject Code : 15UPHC4P

Theory / Practical Name of the Teacher :

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	30-06-17	I	Determination of μ of glass - Newton's rings	29-07-17
2	08-07-17	I	Grating - Normal incidence	31-07-17
3	15-07-17	I	Grating - oblique incidence	08-08-17
4	29-07-17	I	Determination of m - Ascicoil method	18-08-17
5	31-07-17	I	M of B_H - Tanc position	28-08-17
6	08-08-17	I	Calibration of low range V.M - potentiometer	22-09-17
7	18-08-17	I	Calibration of low range M.M - potentiometer	04-10-17
8	22-12-17	II	LCR - series resonance	22-12-17
9	22-12-17	II	LCR - parallel resonance	03-01-18
10	03-01-18	II	current and voltage sensitiveness of BG	11-01-18
11	11-01-18	II	Owen's bridge - Determination of L	23-01-18
12	23-01-18	II	De sauty's bridge - Determination of C	01-02-18
13	01-02-18	II	Determination of B_H - axial coil Method	09-02-18
14	09-02-18	II	Carey Foster's bridge - Determination of Sp.resistance	16-02-18

Text books :

1. Practical Physics - II - Manual
2.

Reference books :

1.
2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment						
Internal Test		I st Test Portions cycle - I	II nd Test Portions cycle - II	III rd Test Portions	12-10-17 02-02-18	29-10-17 12-02-18

Teacher's Signature HOD Signature FM3/Rev01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : ~~UG~~ Allied Physics (SF) Class : UG I maths (SF) Academic Year : 2017 - 2018 Semester : IV

Title of the Paper : Allied Physics - II Subject Code : 15UPHA21

Theory / ~~Practical~~ Name of the Teacher : M. Salma Benazeer.

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1.	6/12/17 A	I	Frame of Reference.	13/12/17
2.	7.12.17 B	I	Galilean Tranformation equation	13/12/17
3.	12.12.17 E	I	Postulates of Special Theory &	14/12/17
4.	13.12.17 F	I	Lorentz transformation equation	15/12/17
5.	14.12.17 A	I	de-Broglie Theory of matter waves	21/12/17
6.	15.12.17 B	I	Expression for de-Broglie wavelength	22/12/17
7.	21.12.17 F	I	Davison & Germer experiment.	27/12/17
8.	22.12.17. A		Unit - I Revision	2/1/18
9.	27.12.17.B	II	Nuclear Structure	3/1/18
10.	2.1.18 F	II	properties of nucleus	10/1/18
11.	3.1.18 A	II	Packing Fraction	11/1/18
12.	4.1.18 B	II	Binding Energy &	12/1/18
13.	10.1.18 F	II	Binding Energy curve.	23/1/18
14.	11.1.18 A	II	Nuclear forces	24/1/18
15.	12.1.18.B	II	Nuclear Stability	31/1/18

Text books :

1.

2.

Reference books :

1. Modern physics - R. Murugesan & Kirthiga Sivaprasath (15th ed)
2. Electricity & magnetism - R. Murugesan.
3. Digital Electronics - Vijayendran.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	2	Lorentz transformation eqn	Self Inductance of Toroidal Solenoid.		15/12/17	27/12/17
Internal Test		I st Test Portions 1 1/2	II nd Test Portions 1 1/2	III rd Test Portions 2		

M. Salma Benazeer
Teacher's Signature

HOD Signature

FM3/Rev01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

MY LORD VOUCHSAFE ME WISDOM

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	22.1.18 F	II	Liquid drop model.	1/2/18
17	23.1.18 A		Unit - II Revision.	2/2/18
18	24.1.18 B	III	Potentiometer	8/2/18
19	31.1.18 F	III	Calibration of Voltmeter	9/2/18
20	1.2.18 A	III	Self Inductance of a toroidal Solenoid	9/2/18
21	2.2.18 B	III	Ohm's Law, Kirchoff's Law	10/2/18
22	8.2.18 F	III	Current, Mutual Inductance	15/2/18
23	9.2.18 A	III	Determination of mutual inductance	16/2/18
24	10.2.18 B	III	Determination of self. Inductance	19/2/18
25	15.2.18 F	III	Unit + III Revision.	23/2/18
26	17.2.18 A		Unit - III . Revision.	24/2/18
27	19.2.18 B	V	Basic logic gates	27/2/18
28	23.2.18 F	V	Logic diagram for NAND, NOR, Ex-or	3/3/18
29	26.2.18 A	V	NAND gate as a universal gate	5/3/18
30	27.2.18. B	V	NOR gate as a universal gate	6/3/18
31	~~23~~ 3.3.18. F	V	Boolean equation & circuits.	10/3/18
32	5.3.18. A	V	Binary Adder	12/3/18
33	6.3.18 B	V	Half adder	13/3/18
34	10.3.18 F	V	full adder	19/3/18
35	12.3.18 A		Revision - Unit - V	26/3/18
36	13.3.18 B		Revision - Unit - V	27/3/18
37	19.3.18 F	IV	Semiconductor diode	27/3/18
38	20.3.18. A	IV	Diode characteristics	2/4/18
39	21.3.18. B	IV	Bridge Rectifier	3/4/18
40	27.3.18. F	IV	Regulation with Zener diode.	3/4/18

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
A1	8/4/18 A	IV	Biasing of Transistor	10/4/18
A2	3.4.18 B	IV	RC - coupled Amplifier.	11/4/18
A3	9.4.18 F		Unit - IV Revision	11/4/18
A4	10.4.18 A		Unit - IV Revision	11/4/18
A5	11.4.18 B		" "	
A6	21.4.18. F		Revision	

Teacher's Signature

HOD Signature

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : B.Sc Maths (SF) Class : II year Academic Year : 2017 - 2018 Semester : III + IV

Title of the Paper : Allied Practical Subject Code : 15UPHA 4P

Theory / Practical Practical Name of the Teacher : Dr. R. Jothi Mani

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	28.6.17 E		Demo class	28.6.17
2	5.7.17 E		Demo class	5.7.17
3	13.7.17 E		Demo class	13.7.17
4	20.7.17 E		Youngs Modulus - Uniform bending	20.7.17
5	28.7.17 E		" - Non-uniform bending	28.7.17
6	4.8.17 E		Lee's disc	4.8.17
7	16.8.17 E		Newton - Rings	16.8.17
8	23.8.17 E		Zener diode	23.8.17
9	5.9.17 E		Voltmeter calibration	5.9.17
10	12.9.17 E		Repetion	12.9.17
11	20.9.17 E		Repetion	31.10.17
12	28.9.17 E		Formula Test	28.9.17
13	10.10.17 E		Formula Test	10.10.17
14	21.10.17 E		Model Practical Exam - 1	2.3.17
15	31.10.17 E		Revision	3 — .

Text books :

1.

2.

Reference books :

1.

2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment		—	—	—	—	—
Internal Test		I st Test Portions I 2 st batch	II nd Test Portions II nd batch	III rd Test Portions —	I 2.3.17 II 9.3.18	2.3.17 12.3.18.

R Jothi Mani

Teacher's Signature

HOD Signature

FM3/Rev01

Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	12.12.17 E		Demo for D cycles	12.12.17
17	20.12.17 E		11	20.12.17
18	30.12.17 E		Cantilivee - young modulus	30.12.17
19	9.1.18 E		logic gates	9.1.18
20	20.1.18 E		Air wedge	20.1.18
21	30.1.18 E		Spectrometer	30.1.2018 ~~20.2018~~
22	7.2.18 E		Transistor characteristics	7.2.18
23	14.2.18 E		Newton law of cooling	14.2.18
24	22.2.18 E		Repetition	22.2.18
25	2.3.18 E		Repetition	2.3.18
26	9.3.18 E		Model - practical - 2	12.3.2018.
27	16.3.18 E		-	16.3.18
28	26.3.18 E		-	26.3.18
29	6.4.18 E		- For Theory.	6.4.18
30	20.4.18 E		-	20.4.18

R Jothi Priya.

Teacher's Signature

HOD Signature

FM3/Rev01