



# Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : M.Sc Physics

Class : I year

Academic Year : 2018 - 2019 Semester : I

Title of the Paper : Mathematical physics I

Subject Code : 18 PC PH11

Theory / Practical

Name of the Teacher : A. Fein Fathima

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1.	18.6.2018 A	I	} Vectors Operations in Curvilinear Coordinates	
2.	19.6.2018 B	I		19.6.2018
3.	19.6.2018 B	I	} Differential Operators in terms of spherical polar co-ordinates	
4.	20.6.2018 C	I		20.6.2018
5.	22.6.2018 E	I	} Differential Operators in terms of cylindrical polar coordinates	
6.	25.6.2018 E	I		
7.	26.6.2018 A	I	} Linear Independence of Vectors Dimensions	26.6.2018
8.	28.6.2018 B	I		
9.	28.6.2018 B	I	} Basis	29.6.2018
10.	29.6.2018 C	I		
11.	3.7.2018 E	I	} Inner product	4.7.2018
12.	4.7.2018 F	I		
13.	5.7.2018 A	I	} Schmidt Orthogonalization process	5.7.2018
14.	6.7.2018 B	I		
15.	6.7.2018 B	I	Matrix representation of vectors	9.7.2018

Text books :

1. Mathematical Physics - Sathya  
Doddiah - southern Chand & Sons
2. Matrices and tensors in Physics  
- A.W. Joshi, Thiru edition

Reference books :

1. Group theory and Quantum mechanics  
- Michael Tinkham, TMH edition
2. Mathematical Physics - E. Butkov  
- First edition - Addison-Wesley  
Publishing Comp.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	3	Unit I in terms of spherical coordinates for the component	Rodrigues formula for the component	Subgroups	4.7.2018 10.8.2018	4.7.2018 10.8.2018
Internal Test	3	I <sup>st</sup> Test Portions I Unit	II <sup>nd</sup> Test Portions II Unit	III <sup>rd</sup> Test Portions III Unit full	19.7.2018 03.9.2018 16.10.2018	19.7.2018 03.9.2018 16.10.2018

Fein A. A  
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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	9.7.2018 C	I	Similarity transformation matrix	9.7.2018
17	11.7.2018 E	I	Eigen value and Eigen Vectors	11.7.2018
18	12.7.2018 F	I	of matrix	
19	13.7.2018 A	II	Homogeneous, Non-homogeneous	12.7.2018
20	16.7.2018 B	II	eqns. - Wronskian	
21	16.7.2018 B	II	power series solution	
22	17.7.2018 C	II		13.7.2018
23	19.7.2018 E	II		
24	20.7.2018 F	II	Linear Independence of solutions	17.7.2018
25	23.7.2018 A	II	Legendre differential eqn & poly nomials	
26	24.7.2018 B	II		30.7.2018
27	24.7.2018 B	II	Generating function	1.8.2018
28	25.7.2018 C	II	Rodrigue's formula	3.8.2018
29	30.7.2018 E	II	Orthogonal property	
30	31.7.2018 F	II		7.8.2018
31	1.8.2018 A	II	Recurrence formula	8.8.2018
32	2.8.2018 B	II	Hermitic differential eqn	9.8.2018
33	2.8.2018 B	II	and Hermitic polynomial	
34	3.8.2018 C	II	Orthogonal property	10.8.2018
35	7.8.2018 E	II	Recurrence formula	13.8.2018
36	8.8.2018 F	II	Rodrigue's formula	16.8.2018
37	9.8.2018 A	III	Introduction	16.8.2018
38	10.8.2018 B	III	Fourier transform	17.8.2018
39	10.8.2018 B	III		
40	13.8.2018 C	III	properties of Fourier transform	18.8.2018

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
41.	16.8.2018 <sup>E</sup>	II	Properties of Fourier Transform	27.8.2018
42.	17.8.2018 <sup>F</sup>	III	Fourier transform of derivative	27.8.2018
43.	18.8.2018 <sup>A</sup>	III		
44.	27.8.2018 <sup>B</sup>	IV		
45.	27.8.2018 <sup>B</sup>	IV	Fourier sine transform of a derivative and problems	28.8.2018
46.	28.8.2018 <sup>C</sup>	III	Fourier cosine transform of derivative and problems	31.8.2018
47.	30.8.2018 <sup>E</sup>	III		
48.	31.8.2018 <sup>F</sup>	III		
49.	3.9.2018 <sup>A</sup>	IV	Inverse Fourier transform	4.9.2018
50.	4.9.2018 <sup>B</sup>	IV		
51.	4.9.2018 <sup>B</sup>	IV	Evaluation of integrals.	10.9.2018
52.	5.9.2018 <sup>C</sup>	III		
53.	7.9.2018 <sup>E</sup>	IV	Postulates of Group theory	11.9.2018
54.	8.9.2018 <sup>F</sup>	III		
55.	10.9.2018 <sup>A</sup>	IV	Abelian group.	12.9.2018
56.	11.9.2018 <sup>B</sup>	IV		
57.	11.9.2018 <sup>B</sup>	IV	Generators of finite group cyclic group	12.9.2018
58.	12.9.2018 <sup>C</sup>	IV		
59.	18.9.2018 <sup>E</sup>	IV	Group Multiplication table	19.9.2018
60.	19.9.2018 <sup>F</sup>	IV		
61.	20.9.2018 <sup>A</sup>	IV	Rearrangement theorem	20.9.2018
62.	24.9.2018 <sup>B</sup>	IV		
63.	24.9.2018 <sup>B</sup>	IV	sub groups	24.9.2018
63.	24.9.2018 <sup>B</sup>	IV	cosets	24.9.2018
64.	25.9.2018 <sup>C</sup>	IV	Conjugate elements and classes	25.9.2018
65.	27.9.2018 <sup>E</sup>	IV		

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on	
66.	28.9.2018 F	IV	Isomorphism and Homomorphism	28.9.2018	
67.	29.9.2018	IV	Cayley's theorem	29.9.2018	
68.	1.10.2018 B	IV			
69.	1.10.2018 B	IV	Group symmetry of a equilateral triangle	3.10.2018	
70.	3.10.2018 C	IV			
71.	5.10.2018 E	IV	Group symmetry of a equilateral square	7.10.2018	
72.	7.10.2018 F	IV			
73.	9.10.2018 A	IV	Reducible and irreducible representations	10.10.2018	
74.	10.10.2018 B	IV			
75.	10.10.2018 B	IV			
76.	11.10.2018 C	IV	Theorem on Representation	11.10.2018	
77.	15.10.2018 E	IV	Theorem - 1		
78.	16.10.2018 F	IV	Theorem - 2	15.10.2018	
79.	17.10.2018 A	IV			
80.	22.10.2018 B	IV	Theorem - 3	22.10.2018	
81.	22.10.2018 B	IV			
82.	23.10.2018 C	IV			
83.	25.10.2018 E	IV	Orthogonality theorem	26.10.2018	
84.	26.10.2018 F	IV			
85.	27.10.2018 A	IV			
86.	29.10.2018 B	IV	Character of representation	27.10.2018	
87.	29.10.2018 B	IV			
88.	30.10.2018 C	IV	Character tables - Cay and	29.10.2018	
89.	1.11.2018 E	IV			
90.	2.11.2018 E	IV			

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B, C, D, E, F

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : PG Physics

Class : I year

Academic Year : 2018 - 2019 Semester : I

Title of the Paper : Classical Mechanics

Subject Code : 18PCPH12

Theory / Practical

Name of the Teacher : A. ZEENATH BAZEERA

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1.	09/07/18 - C	I	Introduction - Fundamental Principles and Lagrangian formulation	09/07/18
2.	10/07/18 - D		Mechanics of a particle	10/07/18
3.	11/07/18 - E		Mech. of a sys. of particles	11/07/18
4.	12/07/18 - F		Conservation Laws, Constraints	12/07/18
5.	16/07/18 - B		Generalised co-ordinates	16/07/18
6.	17/07/18 - C		D'Alembert's principle	17/07/18
7.	18/07/18 - D		Lagrange's equations	?
8.	19/07/18 - E		Velocity dep. potentials and	} 19/07/18
9.	20/07/18 - F		Simple applications of Lag. formulation <sup>dissipation function</sup>	
10.	24/07/18 - B		Hamilton's principle	} 30/07/18
11.	25/07/18 - C		"	
12.	26/07/18 - D		Lagrange's equation from	} 31/07/18
13.	30/07/18 - E		D'Alembert's principle	
14.	31/07/18 - F		"	} 03/08/18
15.	02/08/18 - B		Revision	

Text books :

1. H. Goldstein - classical Mechanics

2. John R. Taylor - Classical Mechanics

Reference books :

1. V.B. Bhatia - classical Mechanics

2. B.D. Gupta - Satya Prakash and Kedar Nath Ramnath

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	SS & PPT	③ Vel. dep. potential	Euler's angles	Hamil. Jacobi Theory	5.07.18 18.08.18	10.07.18 18.08.18
Internal Test		I <sup>st</sup> Test Portions 1 1/2 units unit V	II <sup>nd</sup> Test Portions Unit II - remaining unit III unit IV	III <sup>rd</sup> Test Portions unit IV & V	20.07.18 04.09.18 17.10.18	20.07.18 04.09.18 17.10.18

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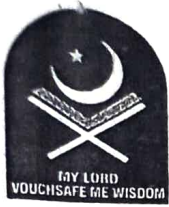
## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16.	03/08/18 - C		Revision	06/08/18
17.	06/08/18 - D	II	Introduction - Two Body Central force problem	07/08/18
18.	07/08/18 - E		Reduction to the equivalent one body problem	
19.	08/08/18 - F		"	08/08/18
20.	10/08/18 - B		Equations of motion and first integrals	10/08/18
21.	13/08/18 - C		"	13/08/18
22.	14/08/18 - D		Vital theorem	14/08/18
23.	16/08/18 - E		Diff. eqn. for the orbit	16/08/18
24.	17/08/18 - F		Kepler Problem - Inverse square	17/08/18
25.	27/08/18 - B		Law of force	27/08/18
26.	28/08/18 - C		Scattering in a central force field	28/08/18
27.	29/08/18 - D		"	29/08/18
28.	30/08/18 - E		"	30/08/18
29.	31/08/18 - F		Transformation of scattering	30/08/18
30.	04/09/18 - B		Problems to Laboratory	
31.	05/09/18 - C		Coordinates	31/08/18
32.	06/09/18 - D		Revision	
33.	07/09/18 - E	III	Introduction - Dynamics of Rigid Body	11/09/18
34.	08/09/18 - F		Rigid Body motion	
35.	11/09/18 - B		Indep. co-ord. of a rigid body	12/09/18
36.	12/09/18 - C		Euler's angles	
37.	17/09/18 - D		"	17/09/18
38.	18/09/18 - E		Angular momentum of rigid body	
39.	19/09/18 - F		Moments and Products of inertia	19/09/18
40.	24/09/18 - B		"	24/09/18

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
41.	25/09/18 - C		Rotational kinetic energy	25/09/18
42.	26/09/18 - D		Egn. of motion for a rigid body	26/09/18
43.	27/09/18 - E		Euler's equations	27/09/18
44.	28/09/18 - F		"	28/09/18
45.	01/10/18 - B		Torque free motion	01/10/18
46.	03/10/18 - C		Pointset solutions	03/10/18
47.	04/10/18 - D		Coriolis force	04/10/18
48.	05/10/18 - E		Revision	05/10/18
49.	08/10/18 - F	IV	Introduction - Hamiltonian formulation	08/10/18
50.	10/10/18 - B		of Mechanics	10/10/18
51.	11/10/18 - C		Hamil. eqn. from variational pple	11/10/18
52.	12/10/18 - D		Principle of Least action	12/10/18
53.	15/10/18 - E		Canonical transformation	15/10/18
54.	16/10/18 - F		Generating functions	}
55.	22/10/18 - B		Poisson's Brackets	
56.	23/10/18 - C		Egn. of motion in Poisson bracket form	} 15/10/18
57.	24/10/18 - D		"	
58.	25/10/18 - E		Hamil. Jacobi eqn.	} 26/10/18
59.	26/10/18 - F		for Hamil. Principal fr.	
60.	29/10/18 - B		Harmonic Oscillator problem	29/10/18
61.	30/10/18 - C		Hamilton's Charac. fr.	30/10/18
62.	31/10/18 - D		Separation of variables	} 31/10/18
63.	01/11/18 - E		Action of angle variables	
64.	02/11/18 - F		Revision	01/11/18 02/11/18

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Class: I year

Academic Year: 2018 - 2019 Semester: I

Course: M.Sc. Physics

Subject Code: 18PCPH13

Title of the Paper: Molecular & Resonance Spectroscopy

Name of the Teacher: Miss. A. Ponchiba

Theory / Practical

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1.	9.7.18-C	I	Microwave Spectroscopy - Introduction	9.7.18
2.	11.7.18-E	I	Classification of Molecules ?	12.7.18
3.	12.7.18-F	I	Rotational spectra of rigid diatomic molecules ?	}
4.	12.7.18-F	I	Isotope effect in rotational spectra	
5.	17.7.18-C	I	Intensity of rotational lines	19.7.18
6.	19.7.18-E	I	Non-Rigid Rotator	20.7.18
7.	20.7.18-F	I	Linear polyatomic Molecules	25.7.18
8.	25.7.18-C	I	Symmetric top molecules ?	}
9.	30.7.18-E	I	Asymmetric top molecules	
10.	31.7.18-F	I	Microwave spectrometer	?
11.	31.7.18-F	I	Information derived from rotational spectra ?	31.7.18

Text books:

- Colin N. Banwell & Elaine M. McCash - Fundamentals of molecular spectroscopy
- G. Anandhas - Molecular structure and spectroscopy

Reference books:

- G.R. Chaturvedi & S.K. Anand - Spectroscopy
- Suresh chandra - Molecular spectroscopy

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	2	Normal modes of H <sub>2</sub> O mol.	Frank Condon Principle	→	18.8.19 18.9.19	7.9.19 19.9.19
Internal Test	3	I <sup>st</sup> Test Portions 1 1/2	II <sup>nd</sup> Test Portions 1 1/2	III <sup>rd</sup> Test Portions 2	23.7.2018 5.9.2018 22.10.2018	23.7.2018 5.9.2018 22.10.2018

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1.	3.8.18-C	III	Normal co-ordinate - Introduction	7.8.18
2.	7.8.18-E	III	Selection rules for Raman and IR vibrational normal modes	
3.	8.8.18-F	II	Normal for Raman and IR activity $C_{2v}$ and $C_{3v}$ Point groups	8.8.18
4.	8.8.18-F	II	Representation of molecular vibrations in symmetry Co-ordinates	16.8.18
5.	13.8.18-C	II	Normal co-ordinate analysis for $H_2O$ molecule	17.8.18
		III	Infrared and Electronic Spectroscopy	
1.	16.8.18-E	III	Introduction	28.8.18
2.	17.8.18-F	III	Vibrational energy of a diatomic molecule	
3.	17.8.18-F	III	Infrared Selection Rules	30.8.18
4.	28.8.18-C	III	Vibrating diatomic Molecule	31.8.18
5.	30.8.18-E	III	Diatomic Rotator	5.9.18
6.	31.8.18-F	III	Vibrational coarse structure	7.9.18
7.	31.8.18-F	III	Vibrational Analysis of Band systems	
8.	5.9.18-C	III	Progressions and Sequences	8.9.18
9.	7.9.18-E	III	Frank Condon Principle	

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
10.	8.9.18-F	III	Rotational fine structure of ? Electronic vibration spectra	15.9.18
11.	8.9.18-F	III	IR spectrometer	20.9.18
12.	12.9.18-C	III	Instrumentation	
13.	16.9.18-E		Revision - UNIT-I	
14.	17.9.18-F		"	
15.	20.9.18-C		"	
16.	24.9.18-E			25.9.18
17.	25.9.18-F		Revision - II, ?	
18.	28.9.18-C		"	
19.	1.10.18-E		"	10.10.18
20.	3.10.18-F		"	
21.	10.10.18-C		Revision - III UNIT	
22.	14.10.18-E		"	
23.	15.10.18-F		"	
24.	18.10.18-C		"	21.10.18.
25.	21.10.18-E			
26.	22.10.18-F			

  
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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : M.Sc Physics

Class : I Year

Academic Year : 2018 - 2019 Semester : I

Title of the Paper : Integrated Electronics

Subject Code : 18PEPH1A

Theory / Practical

Name of the Teacher : Dr. R. Jothi Mani

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1.	9.7.18-C	I	Transistors - Introduction	11.7.18
2.	11.7.18-E	I	Bipolar Junction Transistor - BJT	11.7.18
3.	12.7.18-F	I	Junction field Effect Transistor (JFET)	16.7.18
4.	16.7.18-B	I	Metal Oxide Semiconductor field Effect Transistor (MOSFET)	17.7.18
5.	17.7.18-C	I	Metal Semiconductor field Effect Transistor (MESFET)	19.7.18
6.	19.7.18-E	I	Structure, Working, Fabrications,	20.7.18
7.	20.7.18-F	I	I-V characteristics	24.7.18
8.	24.7.18-B	I	Applications	
9.	25.7.18-C	I	Advantages and Disadvantages	25.7.18
1.	30.7.18-E	II	Operational Amplifier - Introduction	
2.	31.7.18-F	II	Pin diagram	30.7.18

Text books :

Reference books :

1. Salivahanan - Electronic devices & Circuits

1. S.M. Sze - Semiconductor devices

2. John Wilson, J.F.B. Hawkes - Opto Electronics: An Introduction

2. Ajay Ghatak & Thyagarajan - Opto Electronics

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	2	R.C Coupled Capacitors	General Definition	-	17.8.18 24.9.18	7.9.18 24.9.18
Internal Test	3	I <sup>st</sup> Test Portions	II <sup>nd</sup> Test Portions	III <sup>rd</sup> Test Portions	24.7.18 8.9.18 23.10.18	24.7.18 6.9.18 23.10.18
		1 1/2	1 1/2	2		

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
3.	2.8.18-B	II	Characteristic	3.8.18
4.	3.8.18-C	II	CMRR - slew rate	
5.	7.8.18-E	II	Open and closed loop	
6.	8.8.18-F	II	Applications [Inverting,	8.8.18
7.	10.8.18-B	II	Non-inverting, adders,	
8.	13.8.18-C	II	Subtractor, integrator and	
9.	16.8.18-E	II	Differentiator]	13.8.18
		III	Semiconductor Memories	
1.	17.8.18-F	III	Introduction	17.8.18
2.	27.8.18-B	III	Static and Dynamic random access memories [SRAM and DRAM]	27.8.18
3.	28.8.18-C	III	Difference between SRAM & DRAM	30.8.18
4.	30.8.18-E	III	Classification: PROM-EPROM-EEPROM - EAPROM-RAM-ROM.	
5.	31.8.18-F	III	CMOS & NMOS [Construction,	5.9.18
6.	4.9.18-B	III	Working and Applications]	
7.	5.9.18-C	III	Magnetic Memory	7.9.18
8.	7.9.18-E	III	Charge Coupled Devices [CCD]	
		IV	Advanced Electronic Devices	
1.	8.9.18-F	IV	Introduction	12.9.18
2.	11.9.18-B	IV	Photo Electronic Devices	
3.	12.9.18-C	IV	Solar cell	

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
4.	18.9.18-E	IV	Photo detector	18.9.18
5.	19.9.18-F	IV	LED [Principle, Working, Construction & applications]	19.9.18
6.	24.9.18-B	IV		
7.	25.9.18-C	IV	Transducers	25.9.18
8.	27.9.18-E	IV	Piezoelectric Devices	27.9.18
1.	28.9.18-F	V	Special Diodes - Introduction	1.10.18
2.	1.10.18-B	V	Tunnel Diode	
3.	3.10.18-C	V	Gunn diode [Transfer electron device]	5.10.18
4.	5.10.18-E	V		
5.	8.10.18-F	V	Parametric Devices	8.10.18
6.	10.10.18-B	V	V-I characteristics	14.10.18
7.	11.10.18-C	V	Applications	
	14.10.18-E		Advantage and Disadvantages	17.10.18
	15.10.18-F		Revision - I, II	
	17.10.18-B		"	20.10.18
	18.10.18-C		Revision - III, IV, V	
	21.10.18-E		"	
	22.10.18-F		"	

R. John Jay  
Teacher's Signature

HOD Signature

FM3/Rev01



# Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : M.Sc Physics Class : I year Academic Year : 2018 - 2019 Semester : I

Title of the Paper : General Physics Experiment - I Subject Code : 18PCPHI1 & 18PCPHI2

Theory / Practical : Advanced Electronics Experiment - I Name of the Teacher : A. PONCHITRA, Dr. R. Jothimani

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	18.6.18 A		Demo class	10.7.18
2	21.6.18 D		Demo class	18.7.18
3	26.6.18 A		"	23.7.18(A)
4	2.7.18 D		"	
5	5.7.18 A		Experiment - 1	26.7.18
6	10.7.18 D		Experiment - 2	6.8.18
7	13.7.18 A		Experiment - 3	9.8.18
8	16.7.18 D		Experiment - 4	14.8.18
9	23.7.18 A		Experiment - 5	29.8.18(D)
10	26.7.18 D		Experiment - 6	3.9.18
11	1.8.18 A		Experiment - 7	6.9.18
12	6.8.18 D		Experiment - 8	10.9.18
13	9.8.18 A		Experiment - 9	17.9.18
14	14.8.18 D		Experiment - 10	20.9.18
15	18.8.18 A		Experiment - 11	29.9.18(D)

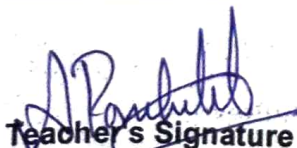
Text books :

- 1.
- 2.

Reference books :

- 1.
- 2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment						
Internal Test		I <sup>st</sup> Test Portions	II <sup>nd</sup> Test Portions	III <sup>rd</sup> Test Portions		

  
Teacher's Signature

  
HOD Signature





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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	29.8.18 D		Experiment -12	29.9.18
17	3.9.18 A		Experiment -13	
18	6.9.18 D		Repeat class	25.9.18 & 29.9.18.
19	10.9.18 A			
20	17.9.18 D		"	
21	20.9.18 A		"	
22	26.9.18 D		"	
23	29.9.18 A			
24	4.10.18 D		Internal Exam	4.10.18 (D)
25	9.10.18 A		Internal Exam	6.10.18 (A)
26	12.10.18 D		Internal Exam	9.10.18 (A)
27	17.10.18 A		Internal Exam	12.10.18 (D)
28	24.10.18 D		Revision	17.10.18 <sup>(A)</sup> , 24.10.18 <sup>(D)</sup>
29	27.10.18 A		Revision	27.10.18 (A)
30	31.10.18 D		Revision	31.10.18.

*S. P. Sathish*  
*R. Jothi*  
Teacher's Signature

*AS*  
HOD Signature