

### Lesson Plan

Name of the ~~Assistant~~ Associate Professor: Dr. Indira Kapur  
 Class and Section: B.Sc. IIIrd Sem. Practicals (2 gpts) 1st [Mon-Tue], 2nd [Wed-Thu]  
 Subject: Physics - Practicals B.Sc. IIIrd Sem 1st [Fri-Sat].

Week	Date	Topics
1	1-Jan-18	Revision of Electricity based Expts done in 1st Sem.
	2-Jan-18	Continued.
	3-Jan-18	Revision of Electricity based Expts done in 1st Sem.
	4-Jan-18	Continued.
	5-Jan-18	Revision of Computer based Expts done in IIIrd Sem.
	6-Jan-18	Continued.
	7-Jan-18	Sunday
2	8-Jan-18	Revision of Electricity based Expts done in 1st Sem.
	9-Jan-18	Continued.
	10-Jan-18	Revision of Electricity based Expts done in 1st Sem.
	11-Jan-18	Continued.
	12-Jan-18	Revision of Electronics based Expts. done in IIIrd Sem.
	13-Jan-18	Continued.
	14-Jan-18	Sunday
3	15-Jan-18	Least Count of Vernier Calliper, Screw Gauge and Microscope
	16-Jan-18	Use of V.C., S.G. and Microscope.
	17-Jan-18	Least Count of Vernier Calliper, Screw Gauge and Microscope.
	18-Jan-18	Use of V.C., S.G. and Microscope.
	19-Jan-18	Least Count of Spectrometer and Microscope.
	20-Jan-18	Introduction and demonstration of Bending Cassegrain Rings Expt.
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Introduction and demonstration of Bending of Beam Expt Sir Chhotu Ram Jayanti
	24-Jan-18	Introduction and demonstration of Bending of Beam Expt.
	25-Jan-18	Introduction and demonstration of Bending of Beam Expt. Republic Day
	26-Jan-18	
	27-Jan-18	Cassegrain Rings Expt. will be performed by students.
	28-Jan-18	Sunday
	29-Jan-18	Students will perform Bending of Beam Expt.
5	30-Jan-18	Introduction and demonstration of M.I. of Flywheel.
	31-Jan-18	Students will perform Bending of Beam Expt.
		<i>Indira Kapur</i>

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Indira Kapur  
 Class and Section: B.Sc. II<sup>nd</sup> Sem. Practical (1-4), B.Sc. VI<sup>th</sup> Sem. (5-6)  
 Subject: Physics Practical [Mon-Tue] <sup>(1<sup>st</sup> Tr-Sat)</sup>

Week	Date	Topics
1	1-Feb-18	Introduction and Demonstration of M.I. of Flywheel.
	2-Feb-18	Introduction and demonstration of Diameter of thin wire. Expt.
	3-Feb-18	Students will perform the expt. (Diameter of thin wire)
	4-Feb-18	Sunday
2	5-Feb-18	Students will perform the Expt. [M.I. of Flywheel]
	6-Feb-18	Introduction and demonstration of Torsion Pendulum.
	7-Feb-18	Students will perform the Expt. [M.I. of Flywheel]
	8-Feb-18	Introduction and demonstration of Torsion Pendulum. Expt.
	9-Feb-18	Basic features of He-Ne Laser.
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Students will perform the Expt. (Torsion Pendulum)
	13-Feb-18	Maha Shivratri
	14-Feb-18	Students will perform the expt. (Torsion pendulum)
	15-Feb-18	Introduction and demonstration of Maxwell Needle Expt.
	16-Feb-18	Introduction and Demonstration of Air Wedge Expt.
	17-Feb-18	Discuss Sodium Lamp and Mercury Lamp.
	18-Feb-18	Sunday
4	19-Feb-18	Introduction and demonstration of Maxwell Needle. Expt.
	20-Feb-18	Students will perform the expt. [Maxwell Needle]
	21-Feb-18	Students will perform the expt. [Maxwell Needle]
	22-Feb-18	Introduction and demonstration of <sup>3</sup> / <sub>2</sub> Bar Pendulum. Expt.
	23-Feb-18	Students will perform Air Wedge Expt.
	24-Feb-18	Viva Voce discussion [Air wedge, Corona Rings, Diameter of thin wire]
	25-Feb-18	Sunday
5	26-Feb-18	Introduction and demonstration of 'g' by Bar Pendulum Expt.
	27-Feb-18	Students will perform the Bar pendulum Expt.
	28-Feb-18	Holiday (University Vacations)

IKapur

### Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Tudra Kapur

Class and Section: B.Sc. II<sup>nd</sup> Sem. Practicals [2-4<sup>th</sup> (Mon-Tue)], B.Sc. III<sup>rd</sup> Sem. - 1<sup>st</sup> (Fri-Sat)

Subject: Physics Practicals

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	University Vacations
	4-Mar-18	Sunday
2	5-Mar-18	Test of 5 Expts. done in <del>V<sup>th</sup></del> <sup>II<sup>nd</sup></sup> Sem.
	6-Mar-18	Continued.
	7-Mar-18	Students will perform the $\pi$ bar. Pendulum Expt.
	8-Mar-18	Test of 5 Expts. done in II <sup>nd</sup> Sem.
	9-Mar-18	Introduction and demonstration of Plane transmission grating Expt.
	10-Mar-18	Students will perform the Plane transmission grating Expt.
	11-Mar-18	Sunday
3	12-Mar-18	Introduction and demonstration of Surface Tension Expt.
	13-Mar-18	Students will perform the expt. (Surface Tension)
	14-Mar-18	Test Continued.
	15-Mar-18	Test Introduction and demonstration of Surface Tension Expt.
	16-Mar-18	Introduction and demonstration of R.P. of Prism Expt.
	17-Mar-18	Students will perform the R.P. of Prism Expt.
	18-Mar-18	Sunday
4	19-Mar-18	Introduction and demonstration of Coeff. of Viscosity Expt.
	20-Mar-18	Students will perform the Viscosity Expt.
	21-Mar-18	Students will perform the expt. (Surface Tension)
	22-Mar-18	Introduction and demonstration of Viscosity Expt.
	23-Mar-18	Shaheed Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	R.P. of prism Expt. Continued.
	25-Mar-18	Sunday/ Rm Navami
5	26-Mar-18	Introduction and demonstration of Searle's Method Expt.
	27-Mar-18	Students will perform the Searle's Method Expt.
	28-Mar-18	Students will perform the Viscosity Expt.
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Introduction and demonstration of Double-Slit Interference Expt.
	31-Mar-18	Students will perform the Double Slit Interference Expt.

Kapur



### Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Indira Kapur  
 Class and Section: B.Sc. IInd Sem. Practicals [2-8th (Mon-Tue)] B.Sc. III Sem. 1st (Fri-Sat)  
 Subject: Physics Practicals

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Test of eight Expts done in IInd Sem.
	3-Apr-18	Introduction and demonstration of Searle's Method expt. <sup>Test</sup> Continued.
	4-Apr-18	Introduction <sup>and</sup> demonstration of Searle's Method Expt.
	5-Apr-18	Students will perform the Searle's Method Expt.
	6-Apr-18	Viva Voca discussion (Computer based Expts).
	7-Apr-18	Viva Voca discussion (Electronics based Expts)
	8-Apr-18	Sunday
2	9-Apr-18	Test of eight Expts done in 1st Sem.
	10-Apr-18	Test Continued.
	11-Apr-18	Test of eight Expt. done in IInd Sem.
	12-Apr-18	Test Continued and Viva Voca discussion (Mechanical <sup>based</sup> Expts)
	13-Apr-18	Viva Voca discussion (optics based Expts)
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
	3	16-Apr-18
17-Apr-18		Viva Voca discussion (Mechanical based Expts)
18-Apr-18		Parashurama Jayanti
19-Apr-18		Viva Voca discussion (Electrical based Expts)
20-Apr-18		University Practical Examination.
21-Apr-18		University Practical Examination.
22-Apr-18		Sunday
4	23-Apr-18	University Practical Examination.
	24-Apr-18	Continued
	25-Apr-18	Continued
	26-Apr-18	Continued
	27-Apr-18	Continued
	28-Apr-18	Continued

*Indira Kapur*