Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of
Teaching Plan

Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Mayuri Hawaldar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc II	A	Electrodynamics and Plasma Physics	701PHY3101	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit 1: Electromagnetic Wave	15	15/07/2024 To 19/08/2024	Career Guidance	CAT I
Unit 2: Time Dependent Potentials and Fields	10	20/08/2024 To 10/09/2024	Problem Solving	--
Unit 3: Radiations and Radiation Reaction	10	11/09/2024 To 08/10/2024	--	CAT II
Unit 4: Plasma Physics	10	09/10/2024 To 23/10/2024	ICT Based Teaching	--

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Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Mayuri Hawaldar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc I Electronics	A	Semiconductor Devices	101ELE1102	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit 1: Semiconductor Diode	12	11/07/2024 To 03/08/2024	--	--
Unit 2: Special Diode	8	08/08/2024 To 12/09/2024	Problem Solving	CAT I
Unit 3: Transistors	12	13/09/2024 To 28/09/2024	--	--
Unit 4: Field Effect Transistor	13	03/10/2024 To 24/10/2024	ICT Based Teaching	CAT II

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Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Mayuri Hawaldar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
BSCII	A	Optics and Laser	201PHY3101	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit 1: Interference	11	01/07/2024 To 24/07/2024	--	--
Unit 2: Diffraction	11	29/07/2024 To 20/08/2024	Problem Solving	CAT I
Unit 3: Polarization	12	21/08/2024 To 18/09/2024	--	--
Unit 4: Lasers	11	30/09/2024 To 23/10/2024	ICT Based Teaching	CAT II

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Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Mayuri Hawaldar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
BSCII SEC	A	Applied Optics	201PHY3601	30

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit 1: Lasers	8	11/07/2024 To 12/09/2024	Introduction to Laser Laboratory	--
Unit 2: Fiber Optics	7	19/09/2024 To 24/10/2024	--	--

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Teaching Plan

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Mayuri Hawaldar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. III	A	Fundamentals of Digital Electronics	U-PHY-652	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit 1: Number system and codes	10	05/12/2024 To 26/12/2024	Career Guidance	--
Unit 2: Logic Gates	10	27/12/2024 To 17/01/2025	IIT JAM Classes	--
Unit 3: Boolean Algebra	12	18/01/2025 To 14/02/2025	Class Test	Unit Test I
Unit 4: Combinational and sequential logic circuit	13	15/02/2025 To 22/03/2025	ICT based teaching	--

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Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Mayuri Hawaldar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc I	A	Modern Optics	601PHY2201A	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit 1: Electromagnetic Theory	11	09/12/2024 To 01/01/2025	--	--
Unit 2: Interference	12	06/01/2025 To 29/01/2025	Career Guidance	CAT I
Unit 3: Coherence	11	03/02/2025 To 25/02/2025	ICT based teaching	--
Unit 4: Diffraction	11	10/03/2025 To 26/03/2025	Class Test	CAT -II

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Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Mayuri Hawaldar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc II Electronics	A	Fundamentals of Digital Electronics	201ELE4101	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit 1: Binary Codes	10	09/12/2024 To 31/12/2024	Introduction to breadboard	--
Unit 2: Logic Gates	12	01/01/2025 To 29/01/2025	Career Guidance	CAT I
Unit 3: Boolean Algebra	12	03/02/2025 To 25/02/2025	ICT based teaching	--
Unit 4: Simplification of Boolean Expression	11	10/03/2025 To 26/03/2025	--	CAT -II

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Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Mayuri Hawaldar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc II SEC	A	Applied Optics	201PHY3601	30

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit 1: Lasers	8	05/12/2024 To 23/01/2025	Introduction to Laser Laboratory	CAT I
Unit 2: Fiber Optics	7	30/01/2025 To 20/03/2025	ICT based teaching	CAT -II

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