



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
(Department of Physics and Electronics)
Structured Work Plan for Teaching
Academic Year: 2025-26

Name of the Teacher: Ms. Mayuri V Hawaldar


Details of Classes to be taught


Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
MSc II	Electrodynamics and Plasma Physics	Major	601PHY3101	03	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 Waves	15	24/06/2025 To 26/07/2025	-	CAT 1
Unit 2: Time Dependent Potentials and Fields	10	29/07/2025 To 29/08/2025	-	CAT 2
Unit 3: Radiation and Radiation Reaction	10	30/08/2025 To 20/09/2025	Solving Previous Year SET/ NET Questions	CAT 3
Unit 4: Plasma Physics	10	23/09/2025 To 10/10/2025	-	SEE


Teacher


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Name of the Teacher: **Ms. Mayuri V Hawaldar**


Details of Classes to be taught

Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
BSc II Physics	Optics and Lasers	DSC	201PHY3101	03	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	26/06/2025 To 18/07/2025	--	CAT 1
Unit 2: Diffraction	11	19/07/2025 To 23/08/2025	Quiz Competition	CAT 2
Unit 3: Polarization	12	28/08/2025 To 19/09/2025	Preparation IIT- JAM	CAT 3
Unit 4: Lasers	11	20/09/2025 To 10/10/2025	--	SEE


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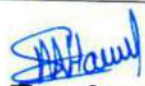
Name of the Teacher: **Ms. Mayuri V Hawaldar**


Details of Classes to be taught


Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
BSc III ELE	Optoelectronics Devices	DSM	301PHY5301	03	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: Introduction to Optoelectronics	11	23/06/2025 To 14/07/2025	--	CAT 1
Unit 2: Laser Properties	12	15/07/2025 To 06/08/2025	--	CAT 2
Unit 3: Optical Fiber: Theory and Application	11	19/08/2025 To 15/09/2025	Quiz Competition	CAT 3
Unit 4: Light Detectors	11	16/09/2025 To 08/10/2025	Class test	SEE


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Structured Work Plan for Teaching
Academic Year 2025-26 (Even Semester)

Name of the Teacher: **Miss M. V. Hawaldar**


Details of Classes to be taught

Class & Sem	Subject	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
B.Sc III Sem-VI	Physics	Fundamentals of Digital Electronics	DSE- II	301PHY6201	03	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 I: Number System and Codes	10	01/12/2025 To 22/12/2025	--	CAT I
Unit II: Logic Gates	10	23/12/2025 To 13/01/2026	Class Test	CAT II
Unit III: Boolean Algebra	12	19/01/2026 To 16/02/2026	Solving Previous Year IIT-JAM Questions	CAT III
Unit IV: Combinational and Sequential Logic Circuits	13	17/02/2026 To 23/03/2026	--	


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Structured Work Plan for Teaching

Academic Year 2025-26 (Even Semester)

Name of the Teacher: **Miss M. V. Hawaldar**

Details of Classes to be taught

Class & Sem	Subject	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
M.Sc I Sem-II	PHY	Modern Optics	MEC-II	601PHY2201	03	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 I: Electromagnetic Theory	11	04/12/2025 To 27/12/2025	--	CAT I
Unit II: Interference	12	01/01/2026 To 24/01/2026	Class Test	CAT II
Unit III: Coherence	11	29/01/2026 To 21/02/2026	ICT Based Teaching	CAT III
Unit IV: Diffraction	11	26/02/2026 To 28/03/2026	Solving Previous Year SET/NET Questions	


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Academic Year 2025-26 (Even Semester)

Name of the Teacher: **Miss M. V. Hawaldar**


Details of Classes to be taught

Class & Sem	Subject	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
B.Sc II Sem-IV	Ele	Fundamentals of Digital Electronics	DSC-VII	201ELE4101	03	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 I: Binary Codes	10	01/12/2025 To 22/12/2025	--	CAT I
Unit II: Logic Gates	12	23/12/2025 To 20/01/2026	Class Test	CAT II
Unit III: Boolean Algebra	12	21/01/2026 To 18/02/2026	ICT Based Teaching	CAT III
Unit IV: Simplification of Boolean Expression	11	23/02/2026 To 23/03/2026	--	CAT IV


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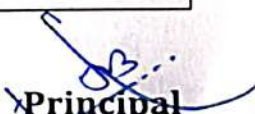
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