



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

Timetable Duration : December 2024 to March 2024

Name of the Teacher : **Abhijeet Yadav**


Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. II Sem IV	A	Electronics Minor	Basic Digital Electronics	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: Logic Gates	11	09/12/2024 To 31/12/2024	Lectures, Use of ICT	01
Unit II: Number System and Codes	11	01/01/2025 To 27/01/2025	Guest Lecture	01
Unit III: Boolean Algebra	12	28/01/2025 To 24/02/2025	Lectures, Use of ICT	MCQ
Unit IV: Arithmetic and Logical Circuits	11	25/02/2025 To 26/03/2025	Lectures, Use of ICT	01


Teacher


HEAD
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Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. II Sem IV	A	Industrial Photonic Engineering	701PHY4201A	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: Photonic Technology	15	05/12/2024 To 04/01/2025	Lectures	01
Unit II: Modulation and Demodulation	10	09/01/2025 To 30/01/2025	ICT Based Teaching	0
Unit III: Control and Management	10	31/01/2025 To 27/02/2025	Lectures	01
Unit IV: Access Network	10	28/02/2025 To 27/03/2025	ICT Based Teaching	01

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**Faculty of Science & Technology
Department of Physics and Electronics**

Teaching Plan (Odd Semester)

(July 2024 to October 2024)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Prof.	Subject	Paper	Total Lectures
1	B.Sc. II Sem. III	Dr Abhijit Yadav	Electronics-Minor	201ELE3301 Principles of Electronics	45 (3-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Tests / Assignments with topic and date
1	Unit I: Basic Circuit Concepts	11	01.07.2024 to 24.07.2024		
2	Unit II: Network Theorems	11	29.07.2024 to 21.08.2024	ICT based Teaching	CAT-1 (05.08.2024 to 12.08.2024)
3	Unit III: Semiconductor Devices	12	26.08.2024 to 24.09.2024		
4	Unit IV: Rectifiers and Voltage Regulators	11	25.09.2024 to 22.10.2024	Guest Lecture	Mid Term Exam (MCQ) 23.09.2024 to 28.09.2024

Date: 01/07/2024

Dr Abhijit Yadav

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Teaching Plan (Odd Semester)

(July 2024 to October 2024)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Prof.	Subject	Paper	Total Lectures
1	M.Sc. I Sem. I	Dr Abhijit Yadav	Physics	601PHY1103 Quantum Mechanics -III	45 (3-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Tests / Assignments with topic and date
1	Unit I: Introduction to Quantum Theory	11	15.07.2024 to 09.08.2024		
2	Unit II: Simple Potential Problems	12	10.08.2024 to 05.09.2024		CAT-1 (05.08.2024 to 12.08.2024)
3	Unit III: Theory of Angular Momentum	11	06.09.2024 to 04.10.2024	ICT based teaching	Mid Term Exam (MCQ) 23.09.2024 to 28.09.2024
4	Unit IV: Approximation Methods	11	05.10.2024 to 24.10.2024		

Date: 15/07/2024

Dr Abhijit Yadav

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Principal
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