



**Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**Faculty of Science & Technology
Department of Physics and Electronics
Teaching Plan (Odd Semester)**

(July 2025 to October 2025)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Prof.	Subject	Paper	Total Lectures
1	B.Sc. III Sem. V	Dr Abhijit Yadav	Electronics-Minor IV	301ELE5303 Consumer Electronics	30 (2-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: Audio Systems	08	03.07.2025 to 25.07.2025		CAT-I (21.07.2025 to 26.07.2025)
2	Unit II: TV and Video Systems	08	31.07.2025 to 21.08.2025	Guest Lecture	Mid Term Exam (MCQ) 11.08.2025 to 18.08.2025
3	Unit III: Landline and Mobile Telephony	07	22.08.2025 to 12.09.2025	ICT based Teaching	
4	Unit IV: Electronic Gadgets and Domestic Appliances	07	18.09.2025 to 16.10.2025		CAT-II (22.09.2025 to 30.09.2025)

Date: 01/07/2025

Dr Abhijit Yadav

HEAD

**Department of Physics & Electronics
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)**

Principal

PRINCIPAL

**Rajarshi Shahu Mahavidyalaya, Latur
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(July 2025 to October 2025)

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	15-07-2025 to 04-08-2025		CAT-I (21.07.2025 to 26.07.2025)
2	Unit II: Simple Potential Problems	12	05-08-2025 to 02-09-2025	ICT based teaching	Mid Term Exam (MCQ) 11.08.2025 to 18.08.2025
3	Unit III: Theory of Angular Momentum	11	03-09-2025 to 27-09-2025		CAT-II (22.09.2025 to 30.09.2025)
4	Unit IV: Approximation Methods	11	29-09-2025 to 09-10-2025		

Date: 14/07/2025

Dr Abhijit Yadav

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**Department of Physics and Electronics
Structured Work Plan for Teaching**

Academic Year 2025-2026 (Semester-IV)

Name of the Teacher: **Dr Abhijit Yadav**

1. Details of Classes to be taught

Class	Course Title:	Course Type	Course Code	No. of Credits	Total Teaching Hours
M.Sc. II Sem. IV	Industrial Photonic Engineering	DSC	601PHY4201A	03	45

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: Photonics Technology	15	01.12.2025 to 31.12.2025		CAT-I (05.01.2026)
2	Unit II: Modulation and Demodulation	10	05.01.2026 to 27.01.2026		CAT-II (02.02.2026)
3	Unit III: Control and Management	10	28.01.2026 to 18.02.2026	Students' will present their ideas through Power Point Presentation	
4	Unit IV: Access Network	10	23.02.2026 to 30.03.2026		

Date:12.11.2025

Dr Abhijit Yadav

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**Department of Physics and Electronics
Structured Work Plan for Teaching**

Academic Year 2025-2026 (Semester-VI)

Name of the Teacher: **Dr Abhijit Yadav**

1. Details of Classes to be taught

Class	Course Title:	Course Type	Course Code	No. of Credits	Total Teaching Hours
B.Sc. III Sem. VI	Statistical Physics and Introduction to Indian Astronomy	DSC	301PHY6102	03	45

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: Maxwell-Boltzmann Statistics	08	04.12.2025 to 19.12.2025		
2	Unit II: Quantum Statistics	07	20.12.2025 to 03.01.2026		CAT-I (03.01.2026)
3	Unit III: Ancient Indian Astronomy and Celestial Sphere	15	08.01.2026 to 12.02.2026		CAT-II (31.01.2026)
4	Unit IV: Time in Indian Astronomy, Calendars and Indian Pancanga	15	13.02.2026 to 28.03.2026	Guest Lecture	

Date:12.11.2025

Dr Abhijit Yadav

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