



**Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Empowered Autonomous Institution)
Faculty of Science & Technology
Department of Physics and Electronics
Teaching Plan (Odd Semester)
(June 2026 to October 2026)**

1. Details of Classes to be taught

Class	Name of the faculty	Course Nature	Course Title	Course Code	Total Lectures	Days
B.Sc. III Sem. V	Ms. Vishakha Patil	DSC	Quantum Mechanics	301PHY5101	45 (3-credits)	Mon - Wed

2. Summary of Lesson Plan

Unit No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Tests / Assignments
I	Origin of Quantum Mechanics	13	22-06-2026 to 21-07-2026	Career Guidance	
II	Schrodinger's Wave Equation and Operator	12	22-07-2026 to 18-08-2026		CAT-I (28-07-2026 to 31-07-2026)
III	Application of Schrodinger's Steady state Equation	10	19-08-2026 to 29-09-2026	Problem Solving	CAT-II (17-08-2026 to 22-08-2026)
IV	Quantum Theory of H- atom	10	30-09-2026 to 19-10-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)

Date: 19/06/2026

Ms. Vishakha Patil

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

Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
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1. Details of Classes to be taught

Class	Name of the faculty	Course Nature	Course Title	Course Code	Total Lectures	Days
B.Sc. III Sem. V	Ms. Vishakha Patil	DSE	Communication Electronics-I	301ELE5201A	45 (3-credits)	Thu-Sat

2. Summary of Lesson Plan

Unit No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Tests / Assignments
I	Introduction to Communication System	10	19-06-2026 to 11-07-2026	Career Guidance	
II	Amplitude Modulation	12	16-07-2026 to 13-08-2026		CAT-I (28-07-2026 to 31-07-2026)
III	Frequency Modulation	12	14-08-2026 to 16-09-2026	Problem Solving	CAT-II (17-08-2026 to 22-08-2026)
IV	Pulse Modulation	11	19-09-2026 to 17-10-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)

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(July 2026 to October 2026)

1. Details of Classes to be taught

Class	Name of the faculty	Course Nature	Course Title	Course Code	Total Lectures	Days
M.Sc. I Sem. I	Ms. Vishakha Patil	MMC	Mathematical Methods in Physics	601PHY1101	45 (3-credits)	Mon - Wed

2. Summary of Lesson Plan

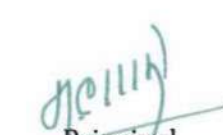
Unit No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Tests / Assignments
I	Matrix Algebra and Eigen Value Problem	11	01-07-2026 to 28-07-2026	Seminars	
II	Partial Differential Equation	12	29-07-2026 to 25-08-2026		CAT-I (28-07-2026 to 31-07-2026)
III	Calculus Of Residues	11	31-08-2026 to 29-09-2026	Problem Solving	CAT-II (17-08-2026 to 22-08-2026)
IV	Fourier Series	11	30-09-2026 to 19-10-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)

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1. Details of Classes to be taught

Class	Name of the faculty	Course Nature	Course Title	Course Code	Total Lectures	Days
M.Sc. II Sem. III	Ms. Vishakha Patil	MEC	Thin Film and Nanotechnology	602PHY3201	45 (3-credits)	Thu-Sat

2. Summary of Lesson Plan

Unit No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Tests / Assignments
I	Thin Film Deposition Technique	12	19-06-2026 to 18-07-2026	Seminars	
II	Nucleation Film Growth and Structure of Films	12	23-07-2026 to 21-08-2026		CAT-I (28-07-2026 to 31-07-2026)
III	Properties of Thin Films	11	22-08-2026 to 12-09-2026	ICT Based Lec	CAT-II (17-08-2026 to 22-08-2026)
IV	Nanotechnology	10	19-09-2026 to 17-10-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)

Date: 19/06/2026

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