



**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)
(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
B.Sc. I Sem. I	Mr. Harshad Dalve	VSC	Domestic electric wiring	101PHY1501	45 (2-credits)	WED - THU

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	Study and use of Wiring accessories	4	08-07-2026 to 29-07-2026	Career Guidance	CAT-I (28-07-2026 to 31-07-2026)
II	Testing of electrical Installation	4	05-08-2026 to 02-09-2026		CAT-II (17-08-2026 to 22-08-2026)
III	To make domestic wiring	3	09-09-2026 to 30-10-2026	Problem Solving	CAT-III MCQ (21-09-2026 to 27-09-2026)
IV	Application of different types of switch connection	4	01-10-2026 to 15-10-2026		
V	practical	30	09-07-2026 to 15-10-2026		


Teacher

Mr. Harshad N. Dalve

Date: 19/06/2026


HoD

Dr. A. A. Yadav

HEAD

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


Principal

Dr. M. H. Ghavane

PRINCIPAL

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(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	Mr. Harshad Dalve	DSC	Electronic Instrumentation	301ELE5102	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	Qualities of Measurement	10	22-06-2026 to 13-07-2026	Quiz	
II	A/D and D/A Converters and Measurement of Resistance	10	14-07-2026 to 04-08-2026	Problem Solving	CAT-I (28-07-2026 to 31-07-2026)
III	Oscilloscope and function Generators	13	05-08-2026 to 08-09-2026		CAT-II (17-08-2026 to 22-08-2026)
IV	Transducers and Sensors	12	09-09-2026 to 21-10-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)


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Class	Name of the faculty	Course Nature	Course Title	Course Code	Total Lectures	Days
B.Sc. III Sem. V	Mr. Harshad Dalve	DSC	Solid state Physics	301PHY5102	45 (3-credits)	TUE,FRI,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	Crystal structure	12	19-06-2026 to 17-07-2026	Career Guidance	
II	Free Electron Theory	11	18-07-2026 to 14-08-2026		CAT-I (28-07-2026 to 31-07-2026)
III	Band Theory of solid	12	18-08-2026 to 19-09-2026	Problem Solving	CAT-II (17-08-2026 to 22-08-2026)
IV	Application of Band Theory	10	29-09-2026 to 17-10-2026		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
B.Sc. III Sem. V	Mr. Harshad Dalve	VSC	Renewable Energy for Daily Life	301PHY5501	45 (2-credits)	THU - FRI

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	Energy	07	19-06-2026 to 06-08-2026	Quiz	CAT-I (28-07-2026 to 31-07-2026)
II	Renewable Energy	08	13-08-2026 to 15-08-2026	Problem Solving	CAT-II (17-08-2026 to 22-08-2026)
III	Practical	30	03-07-2026 to 16-10-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)


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Class	Name of the faculty	Course Nature	Course Title	Course Code	Total Lectures	Days
M.Sc. II Sem. III	Mr. Harshad Dalve	MMC	Laser Technology	601PHY3103	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	Basic of Laser	12	22-06-2026 to 15-07-2026	Seminars	
II	Properties of Laser and Optical Resonator	11	20-07-2026 to 11-08-2026		CAT-I (28-07-2026 to 31-07-2026)
III	Laser Cavity of Modes	10	12-08-2026 to 07-09-2026	Quiz	CAT-II (17-08-2026 to 22-08-2026)
IV	Types of Laser	12	08-09-2026 to 21-10-2026		CAT-III MCQ (21-09-2026 to 27-09-2026)


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