



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: **Mr. Harshad N Dalve**

Details of Classes to be taught

Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
B.Sc.III sem v	Solid state physics	DSC	301PHY5102	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: crystal structure	12	23/06/2025 To 21/07/2025	-	CAT 1
Unit 2 : free electron theory of metals	10	22/07/2025 To 20/08/2025	-	CAT 2
Unit 3 : Band theory of solids	12	25/08/2025 To 10/09/2025	-	CAT 3
Unit 4 : Application of band theory	11	15/09/2025 To 08/10/2025	-	SEE


Teacher


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Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
BSc III Electronics Sem V	Electronic Instrumentations	DSC	301ELE5102	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 : Qualities of measurement	10	26/06/2025 To 17/07/2025	-	CAT 1
Unit 2 : A/D and D/A converters and measurement of resistance	10	18/07/2025 To 08/08/2025	-	CAT 2
Unit 3 : Oscilloscopes and function generators	13	21/08/2025 To 13/09/2025	-	CAT 3
Unit 4 : Transducers and sensors	12	18/09/2025 To 10/10/2025	-	SEE


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Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
M.Sc. II Sem III	Laser technology-IX	Major	601PHY3103	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 : Basic of laser	12	24/06/2025 To 17/07/2025	-	CAT 1
Unit 2 : Properties of laser and optical resonator	11	23/07/2025 To 20/08/2025	-	CAT 2
Unit 3 : Laser cavity modes	10	21/08/2025 To 10/09/2025	-	CAT 3
Unit 4 : Types of lasers	12	11/09/2025 To 09/10/2025	-	SEE


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Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
B.Sc.I Phy Sem I	Domestic Electrical Wiring	VSC	101PHY1501	02	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 : Study and use of wiring Accessories	4	09/07/2025 To 17/07/2025	Introduction to wiring	CAT 1
Unit 2 : Testing of electrical installation	4	23/07/2025 To 31/07/2025	-	CAT 2
Unit 3 : To make Domestic wiring	3	06/08/2025 To 20/08/2025	Class Test	CAT 3
Unit 4 : Application of different types of switch connection	4	21/08/2025 To 04/09/2025	-	SEE
Practical's	30	10/09/2025 To 09/10/2025	-	


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Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs
B.Sc. III Phy Sem I	Renewable Energy for Daily Life	VSC	301PHY5501	02	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 : Energy	7	27/06/2025 To 18/07/2025	-	CAT 1
Unit 2 : Renewable energy	8	19/07/2025 To 29/08/2025	-	CAT 2 , CAT 3
Unit 3 : Practical	30	30/08/2025 To 10/10/2025	-	SEE


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