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

Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Bhosale Kranti Babanrao**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
BSCIII	A	Solid State Physics	U-PHY-552	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	04/07/2024 To 24/07/2024	Career Guidance	.
Unit2: Free Electron Theory of Metals	12	25/07/2024 To 21/08/2024	-	Unit test 1
Unit 3: Band Theory Of Solid	10	26/08/2024 To 30/09/2024	Problem Solving	Unit test 2
Unit4: Applications of Band Theory	11	01/10/2024 To 23/10/2024	-	.

Teacher

HOD

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

Principal

PRINCIPAL
Rajarshi Shahu Mahavidyalaya,Latur
(Autonomous)

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

Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Bhosale Kranti Babanrao**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
Mscll	A	Laser technology	701-PHY-1301	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 : Basics Of Laser	12	12/07/2024 To 08/08/2024	Career Guidance	.
Unit 2: Properties Of Laser and Optical Resonator	10	09/08/2024 To 06/09/2024	Problem Solving	CAT I
Unit 3 : Laser Cavity Modes	12	12/08/2024 To 03/10/2024	..	..
Unit 4: Types Of Laser	11	04/10/2024 To 24/10/2024	..	CAT II

Teacher

HOD

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

Principal

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

Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Bhosale Kranti Babanrao**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
Bsc I	A	Domestic electrical appliances and their maintenance	101-ELE-1501	30

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 Electronics	8	24/07/2024 To 07/08/2024	Career guidance	CAT I
Unit 2: Domestic Electric Appliances	7	14/08/2024 To 28/08/2024	Problem solving	..
Unit 3 : Safety Precautions and Maintenance	8	04/09/2024 To 25/09/2024	..	..
Unit 4 : Practical	7	09/10/2024 To 23/10/2024	..	CAT II

Teacher

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

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

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Kranti Bhosale**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
Bsc II	A	Waves Oscillations and Acoustics	201PHY4102	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 : free forced and resonant vibrations	9	09/12/2024 To 25/12/2024	Carreer guidance	.
Unit 2 : wave Motion	14	31/12/2024 To 29/01/2025	.	CAT I
Unit 3 : Stationary Waves	10	03/02/2025 To 18/02/2025	Problem Solving	.
Unit 4 : Acoustics and Ultrasonic	12	24/02/2025 To 26/03/2025	.	CAT II

Teacher

HOD

Principal

PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

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

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Kranti Bhosale**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
Bsc lll	A	Renewable energy harvesting skill	U-PHY-	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	10	05/12/2024 To 09/01/2025	Carreer guidance	.
Unit 2 : Solar Energy	10	16/01/2025 To 13/02/2025	.	CAT l
Unit 3 : Energy Storage	10	20/02/2025 To 27/03/2025	Problem solving	CAT ll

Teacher

HOD

Principal

PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

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

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Kranti Bhosale**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
Mscl	A	Condensed matter physics	601PHY2102	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 physics	11	09/12/2024 To 01/01/2025	Carreer guidance	.
Unit 2 : crystal defects	11	06/01/2025 To 29/01/2025	.	CAT I
Unit 3 : semiconducting and Superconducting Properties	12	03/02/2025 To 18/03/2025	Problem Solving	.
Unit 4 : magnetic properties	11	24/02/2025 To 26/03/2025	.	CAT II

Teacher

HOD

HEAD
Dept of Physics & Electr...
Shahu Mahavidyalaya
(Autonomous)

PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Principal

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

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Kranti Bhosale**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
Mscll	A	Photonic Devices and Sensors	701-PHY-4103	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 : Light Beam as sensing Tool	11	05/12/2024 To 27/12/2024	Carreer guidance	.
Unit 2 : optical fibre Sensor	11	28/12/2024 To 23/01/2025	.	CAT l
Unit 3 : liquid crystal display	12	24/01/2025 To 21/02/2025	Problem Solving	.
Unit 4 : Plasma Display Panel	11	22/02/2025 To 29/03/2025	.	CAT ll

Teacher

HOD

Principal

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

PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

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

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Kranti Bhosale**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
Bsc II	A	Waves Oscillations and Acoustics	201PHY4102	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 : free forced and resonant vibrations	9	05/12/2024 To 27/12/2024	Carreer guidance	.
Unit 2 : wave Motion	14	28/12/2024 To 23/01/2025	.	CAT I
Unit 3 : Stationary Waves	10	24/01/2025 To 21/02/2025	Problem Solving	.
Unit 4 : Acoustics and Ultrasonic	12	22/02/2025 To 29/03/2025	.	CAT II

Teacher

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

Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya,Latur
(Autonomous)