

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-V)

(June 2023 to October 2023)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc III Sem. V	Miss. Vishakha B Patil	Physics	U-PHY-551 Quantum Mechanics	45 Hrs

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 Test / Assignment with topic and date
1	Unit I: Origin of Quantum Mechanics	12	26/06/23 to 19/07/23	Career Guidance	--
2	Unit II: Schrodinger's Wave Equations & Operators	10	22/07/23 to 08/08/23	-	--
3	Unit III: Applications of Schrodinger's Steady - State Equations	11	09/08/23 to 06/09/23	Problem Solving	Unit Test-I Assignment
4	Unit IV: Quantum theory of Hydrogen Atom	12	11/09/23 to 10/10/23	--	Unit Test-II

Vishakha

Miss Vishakha B Patil

Date: 01/07/23

HoD

Vishakha
HEAD

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

Principal

Principal
PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)



Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-V)

(June 2023 to October 2023)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc III Sem. V	Miss. Vishakha B Patil	Electronics	U-ELE-563 Communication Electronics	45 Hrs

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 Test / Assignment with topic and date
1	Unit I: Introduction to Communication System	10	30/06/23 to 20/07/23	Career Guidance-	--
2	Unit II: Amplitude Modulation	12	21/07/23 to 18/08/23	-	--
3	Unit III: Frequency Modulation	12	19/08/23 to 15/09/23	Problem Solving--	Unit Test-I Assignment
4	Unit IV: Pulse Modulations	11	16/09/23 to 13/10/23	--	Unit Test-II

Vishakha B Patil

Miss Vishakha B Patil

Date: 01/07/23

HoD

[Signature]
HEAD

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

[Signature]
Principal
PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)



Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-I)

(August 2023 to November 2023)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	Msc I Sem - I	Miss. Vishakha B Patil	Physics	P-MMP-119 Mathematical Methods in Physics	60 Hrs

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 Test / Assignment with topic and date
1	Unit I: Matrix Algebra and Eigen value problem	15	01/08/23 to 26/08/23	Career Guidance-	--
2	Unit II: Differential Equation	15	28/08/23 to 20/09/23	-	--
3	Unit III: Calculus Of Residues	15	23/09/23 to 18/10/23	--	Unit Test-I Assignment
4	Unit IV: Fourier	15	21/10/23 to 04/11/23	ICT based teaching --	Unit Test-II

Patil

Miss Vishakha B Patil

Date: 01/07/23

HoD

HEAD

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

Principal

PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)



Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (B.Sc. I Semester-II)

(December 2023 to March 2024)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc I Sem II	Miss. V. B. Patil	Electronics	Amplifiers and Number System-IV (101ELE2101)	45 (03 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 Test / Assignment with topic and date
1	Unit I: Transistor Biasing	12	06/12/2023 to 02/01/2024	--	--
2	Unit II: Small Signal Amplifiers	12	03/01/2024 to 06/02/2024	Problem Solving	Unit Test-I
3	Unit III: Feedback Amplifiers	12	07/02/2024 to 05/03/2024	--	--
4	Unit IV: Number Systems	09	06/03/2024 to 26/03/2024	ICT Based Teaching	Unit Test -II

Miss V. B. Patil

Miss V, B Patil
Date: 11 / 12 / 2023

[Signature]
HOD

HEAD

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

[Signature]
Principal

PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)



Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (B.Sc. III Semester-VI)

(December 2023 to March 2024)

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers
1	B. Sc. - III (Sem. VI)	Miss V. B. Patil	Electronics	U-ELE- 654A Communication Electronics-II-XIIA	45 (02 Credits)

1. Details of Classes to be taught

Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I: Radio Receivers	12	06/12/2023 to 29/12/2023	Career Guidance	--
2	Unit II: RADAR Systems	10	03/01/2024 to 01/02/2024	--	Unit Test-I
3	Unit III: Introduction to Optical Fibres	12	02/02/2024 to 29/02/2024	Problem Solving	--
4	Unit IV: Modern Communication Applications	11	01/03/2024 to 27/03/2024	--	Unit Test-II

Miss. V. B. Patil
Date:11/12/2023



HOD

HEAD

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

Principal

PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (M.Sc. II Semester-IV)

(December 2023 to March 2024)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	M.Sc. II Sem-IV	Miss. V. B. Patil	Physics	P-LSA-420 Laser system and its applications-XIV	60 (04 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 Test / Assignment with topic and date
1.	Unit I: Industrial application of lasers	15	11/12/2023 to 04/01/2024	Career Guidance	--
2.	Unit II: Lasers in Chemistry and Medicine	15	05/01/2024 to 08/02/2024	--	Unit Test-I
3.	Unit III: Holography and its Applications	15	09/02/2024 to 05/03/2024	--	--
4.	Unit-IV: Other Applications of Lasers	15	07/03/2024 to 29/03/2024	ICT Based Teaching	Unit Test-II

Miss. V. B. Patil

Miss. V. B. Patil
Date: 11 / 12 / 2023

[Signature]
HoD

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

[Signature]
Principal

PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

