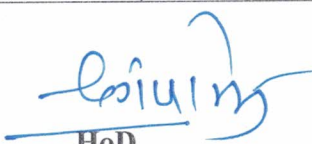# Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Department of Chemistry & Analytical Chemistry
Structured Work Plan for Teaching (Odd Semester)
Academic Year 2025-26

Sr. No.	Name of Teacher	Subject	Class	Course Title	Course Code	Total Hours	Credit
1	Dr. Ratan Wamanrao Jadhav	Chemistry	M.Sc. I	Organic Chemistry-II	601CHE1102	45	03

Sr. No.	Unit and Chapter to be Covered	Date	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit –I Reaction mechanism: Structure and reactivity	15/07/2025 To 06/08/2025	11	Reactions Writing Practice	-
2	Unit -II Aromaticity of Benzenoid and Non-benzenoid Compounds	11/08/2025 To 09/09/2025	12	Seminar	CAT -I
3	Unit – III Substitution Reaction	10/09/2025 To 07/10/2025	11	Surprise Test	CAT-III
4	Unit IV Addition Reaction	08/10/2025 To 15/10/2025	11	-	CAT-II

Teacher

HoD
Head
Department of Chemistry
& Analytical Chemistry,
Rajarshi Shahu Mahavidyalaya,
(Autonomous) LATUR-413512

Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur,
(Autonomous)

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Department of Chemistry & Analytical Chemistry
Structured Work Plan for Teaching (Odd Semester)
Academic Year 2025-26

Sr. No.	Name of Teacher	Subject	Class	Course Title	Course Code	Total Hours	Credit
2	Dr. Ratan Wamanrao Jadhav	Chemistry (DSM)	B.Sc. III	Fundamentals of Chemistry-II	----	30	02

Sr. No.	Unit and Chapter to be Covered	Date	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit –I Alkyl and Aryl Halides	26/06/2025 TO 14/08/2025	15	Group Discussion	CAT-I
2	Unit -II Surface Chemistry	21/08/2025 TO 17/10/2025	15	Seminar	CAT-II CAT-III

Teacher

HoD

Head
Department of Chemistry
& Analytical Chemistry,
Rajarshi Shahu Mahavidyalaya,
(Autonomous) LATUR-413512

Principal
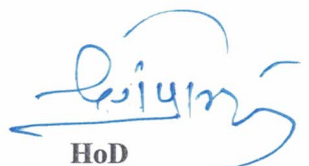
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Department of Chemistry & Analytical Chemistry
Structured Work Plan for Teaching (Odd Semester)
Academic Year 2025-26

Sr. No.	Name of Teacher	Subject	Class	Course Title	Course Code	Total Hours	Credit
3	Dr. Ratan Wamanrao Jadhav	A. Chemistry (SEC)	B. Sc. II	Skills in Chemistry	-----	15	01

Sr. No.	Unit and Chapter to be Covered	Date	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit –I Conventional and Instrumental Methods of Analysis	16.07.2025 to 17.09.2025	10	Group Discussion	CAT-I
2	Unit –II Calibration of Instruments	24.09.2025 to 17.10.2025	05	Surprise Test	CAT-II CAT-III

Teacher

HoD

Head
Department of Chemistry
& Analytical Chemistry,
Rajarshi Shahu Mahavidyalaya,
(Autonomous) LATUR-413512

Principal

PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Department of Chemistry and Analytical Chemistry
Structured Work Plan for Teaching (Even Semester)
Academic Year 2025-26 (Term-II)

Name of Teacher: Dr. Ratan W. Jadhav

Workload (Per Week): 09

Details of Classes to be Taught

w.e.f. 01/12/2025

Sr. No.	Name of Professor	Subject	Class	Course Type	Course Title	Course Code	Total Hours	Credit
1	Dr. Ratan W. Jadhav	Chemistry	B.Sc. III Sem VI	DSC-XII	Roots of Chemistry in Ancient India	301CHE6102	45	03

Sr. No.	Subject	Unit and Chapter to be Covered	Date	No. of Lectures	Academic Activities to be Organized	No. of Test / Assignment with Topic and Date
1	Chemistry	**Unit –I** Theoretical framework for the practice of science in ancient India	01/12/2025 To 22/12/2025	10	Group Discussion	CAT I (Activity Based)
2		**Unit –II** Medicinal Chemistry in Ancient India	23/12/2025 To 21/01/2026	13	Seminar	CAT II (Activity Based)
3		**Unit -III** Metallurgy, Textile Chemistry & Pyro Technology	27/01/2026 To 10/03/2026	15	Surprise Test	CAT III (MCQ on 75 % Syllabus)
4		**Unit -IV** Concepts of acid and bases	11/03/2026 To 25/03/2026	07	-	Semester End Exam (SEE) (on 100 % Syllabus)

Teacher

HoD
Department of Chemistry
& Analytical Chemistry,
Rajarshi Shahu Mahavidyalaya,
(Autonomous) LATUR-413512

PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur