



**Rajarshi Shahu Mahavidyalaya, Latur**  
(Autonomous)

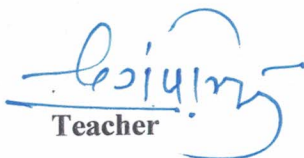
**Department of Chemistry & Analytical Chemistry**  
**Structured Work Plan for Teaching (Odd Semester)**  
**Academic Year 2025-26**

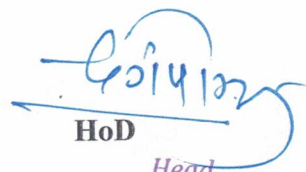


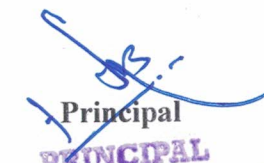
**Details of Classes to be taught**

Sr. No.	Name of Professor	Subject	Class	Course Title	Course Code	Total Hours
1	Dr. Dhananjay Gangadhar Palke	Chemistry	B.Sc. III	Organic Chemistry III	-	45

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 Heterocyclic Compounds	26/06/25 to 24/07/25	12	Reactions Writing Practice	CAT – 1
2	Unit -II Introduction to Natural Product- I	25/07/25 to 23/08/25	12	Seminar	CAT – 2
3	Unit -III Introduction to Natural Product- II	28/08/25 to 25/09/25	11	Surprise Test	CAT – 3
4	Unit -IV Organometallic Chemistry	25/09/25 to 11/10/25	10	-	-

  
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

**Details of Classes to be taught**

Sr. No.	Name of Professor	Subject	Class	Course Title	Course Code	Total Hours
1	Dr. Dhananjay Gangadhar Palke	Chemistry	M.Sc. II	Advanced Spectroscopic Methods	602CHE3101	45

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 UV-VIS and IR Spectroscopy	01/07/25 to 05/08/25	15	Test on Numerical	CAT -1
2	Unit -II <sup>1</sup> H-NMR Spectroscopy	06/08/25 to 26/08/25	10	-	CAT -2
3	Unit -III <sup>13</sup> C-NMR Spectroscopy and Combined Applications	02/09/25 to 22/09/25	10	Test on Numerical	CAT- 3
4	Unit -IV Mass Spectrometry	23/09/25 to 15/10/25	10	Fragmentation Practice	-

Teacher

HoD

Head  
Department of Chemistry  
& Analytical Chemistry,  
Rajarshi Shahu Mahavidyalaya,  
Latur

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. Dhananjay Palke

Workload (Per Week): 16

+

2. Details of Classes to be Taught

Sr. No.	Name of Professor	Subject	Class	Course Type	Course Title	Course Code	Total Hours	Credit
1	Dr. Dhananjay Palke	Chemistry	M.Sc. I Semester II	MMC-V	Organic Chemistry - II	601CHE2102	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	<b>Unit -I</b> Free radical reactions	01.12.2025 To 23.12.2025	11	Home Work For Practice of reaction Mechanism	CAT I (Activity Based)
2		<b>Unit -II</b> Elimination Reaction	24.12.2025 To 19.01.2026	11	Home Work For Practice of reaction Mechanism	CAT II (Activity Based)
3		<b>Unit -III</b> Pericyclic Reactions	20.01.2026 To 24.02.2026	11	Home Assignment	CAT III (MCQ on 75 % Syllabus)
4		<b>Unit -IV</b> Photochemistry	25.02.2026 To 31.03.2026	12	Practice exam of MCQ	Semester End Exam (SEE) (on 100 % Syllabus)

*Signature*  
Teacher

*Signature*  
Head  
Department of Chemistry  
& Analytical Chemistry,  
HoD

*Signature*  
Principal





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. Dhananjay Palke

Workload (Per Week): 16

+

1. Details of Classes to be Taught

Sr. No.	Name of Professor	Subject	Class	Course Type	Course Title	Course Code	Total Hours	Credit
1	Dr. Dhananjay Palke	Chemistry	B.Sc. III Semester VI	DSC-XI	Organic Chemistry - IV	301CHE6101	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	<b>Unit –I</b> Active methylene compounds and Organic Synthesis	04.12.2025 To 27.12.2025	12	Home Assignment	CAT I (Activity Based)
2		<b>Unit –II</b> Organic Spectroscopy	01.01.2025 To 29.01.2026	13	Numerical Problem	CAT II (Activity Based)
3		<b>Unit -III</b> Molecular rearrangement and reagents	30.01.2026 To 28.02.2026	10	Home Work For Practice of reaction Mechanism	CAT III (MCQ on 75 % Syllabus)
4		<b>Unit -IV</b> Composition of organic compounds	05.03.2026 To 31.03.2026	10	Numerical Problem	Semester End Exam (SEE) (on 100 % Syllabus)

*Dr. Dhananjay Palke*  
 Teacher

*Dr. Dhananjay Palke*  
 Head  
 Department of Chemistry  
 & Analytical Chemistry

*Dr. Dhananjay Palke*  
 Principal