

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Department of Chemistry & Analytical Chemistry**  
**Structured Work Plan for Teaching**  
**Academic Year: 2022-23 (Term-I)**  
**Faculty Name: Mr. Akshay Atmaram Bhandare**

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**1. Details of Classes to be taught**

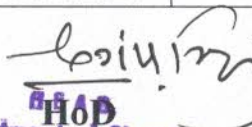
Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Mr. Akshay Atmaram Bhandare	Analytical Chemistry	B.Sc. I	Basic Analytical Chemistry and Titrimetry-II (U-ANC-151)
2		Analytical Chemistry	B.Sc. II	Inorganic and Organic Analysis-V (U-ANC-355)
3		Analytical Chemistry	B.Sc. III	Environmental and Food Analysis-X (U-ANC-572)
4		Chemistry	M.Sc. II	Medicinal Chemistry-XII (P-MDC-346)


**2. Summary of Lesson Plan**

**Program: B.Sc. II (Third Semester)**

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	Analytical Chemistry	<b>Unit –I</b> Inorganic Salt Analysis Medicinal Plant Analysis	23.06.2022 to 23.07.2022	15	Home Assignments, Tutorials, Seminars, ICT	<b>UT-I</b> Unit Test Based on first 50 % syllabus
2		<b>Unit –II</b> Analysis of Elements & Functional Groups	28.07.2022 to 27.08.2022	12		<b>UT-II</b> Unit Test Based on remaining 50 % syllabus
3		<b>Unit -III</b> Metallurgical Analysis	01.09.2022 to 24.09.2022	10		
4		<b>Unit -IV:</b> Analysis of Metals and Alloys.	29.09.2022 to 30.10.2022	08		

  
**Teacher**

  
**HOD**  
 Department of Chemistry,  
 Rajarshi Shahu Mahavidyalaya  
 Latur, Maharashtra

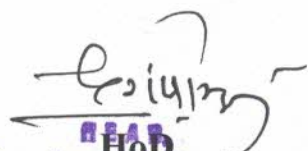
  
**Principal**  
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 (Autonomous)

### 3. Summary of Lesson Plan

Program: B.Sc. III (Fifth Semester)

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	Analytical Chemistry	<b>Unit –I</b> Environmental Analysis-I (Air and Water)	23.06.2022 to 16.07.2022	12	Home Assignments, Tutorials, Seminars, ICT	<b>UT-I</b> Unit Test Based on first 50 % syllabus
2		<b>Unit –II</b> Environmental Analysis-II(Industrial Effluent)	21.07.2022 to 30.07.2022	05		<b>UT-II</b> Unit Test Based on remaining 50 % syllabus
3		<b>Unit -III</b> Environmental Analysis-III(Soil Analysis)	04.08.2022 to 03.09.2022	12		
4		<b>Unit -IV</b> Food Analysis	09.09.2022 to 15.10.2022	16		

  
Teacher

  
HEAD  
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Principal  
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#### 4. Summary of Lesson Plan

Program: M.Sc. II (Third Semester)

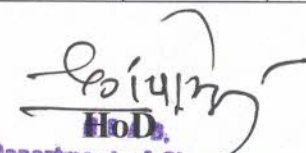
Sr. No.	Subject	Unit and Chapter to be Covered	Date	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Chemistry	<b>Unit –III</b> Study of Drugs	17/08/2022 to 15/09/2022	15	Home Assignments, Tutorials, Seminars, ICT	<b>UT-II</b> Unit Test Based on remaining 50 % syllabus
2		<b>Unit –IV</b> Antimicrobial Drugs	16/09/2022 to 14/10/2022	15		


#### 5. Summary of Lesson Plan

Program: B.Sc. I (First Semester)

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	Analytical Chemistry	<b>Unit I</b> Measurement of mass and Volume	11/07/22 - 03/08/22	10	Home Assignments, Tutorials, Seminars, ICT	<b>UT-I</b> Unit Test Based on first 50 % syllabus  <b>UT-II</b> Unit Test Based on remaining 50 % syllabus
2		<b>Unit II</b> Principles of Titrimetric Analysis-I	08/08/22 - 07/09/22	13		
3		<b>Unit III</b> Principles of Titrimetric Analysis-II	12/09/22 - 12/10/22	12		
4		<b>Unit IV</b> Calibration of Analytical Instruments	17/10/22 - 07/11/22	10		

  
Teacher

  
HoD,  
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**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Department of Chemistry and Analytical Chemistry**  
**Structured Work Plan for Teaching**  
**Academic Year 2022-23 (Term-II)**

**1. Details of Classes to be taught**

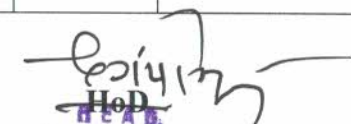
Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Mr. Akshay Atmaram Bhandare	Analytical Chemistry	B. Sc. II	Analysis of Industrial Products and Quality Concept-VII (U-ANC-455)
2		Analytical Chemistry	B. Sc. III	Applied Analytical Chemistry-XII (U-ANC-672)
3		Chemistry	M. Sc. II	Applied Organic Chemistry (P-AOC-442)


**2. Summary of Lesson Plan**

**Program: B.Sc. II (Fourth Semester)**

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	Analytical Chemistry	<b>Unit –I</b> Analysis of Saponifiable Oils & Fats	15.12.2022 to 14.01.2023	13	Home Assignments, Tutorials, Seminars, ICT	Unit Test-I Activity Based  (06.03.2023-12.03.2023) Unit Test-II MCQ (Based on remaining 75% syllabus )
2		<b>Unit –II</b> Analysis of Cement	19.01.2023 to 11.02.2023	10		
3		<b>Unit -III</b> Analysis of Fertilizers & Pesticides	16.02.2023 to 11.03.2023	12		
4		<b>Unit -IV: Quality Assurance and Quality Concepts</b>	16.03.2023 to 30.03.2023	10		

  
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3. **Summary of Lesson Plan**  
**Program: B.Sc. III (Sixth Semester)**

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	Analytical Chemistry	<b>Unit –I</b> Pharmaceutical Analysis	15.12.2022 to 07.01.2023	11	Home Assignments, Tutorials, Seminars, ICT	Unit Test-I Activity Based  (06.03.2023-12.03.2023) Unit Test-II MCQ (Based on remaining 75% syllabus )
2		<b>Unit –II</b> Clinical & Cosmetic Analysis	12.01.2023 to 11.02.2023	12		
3		<b>Unit -III</b> Separation by Solvent Extraction	16.02.2023 to 11.03.2023	10		
4		<b>Unit -IV</b> Analysis of Fuel	16.03.2023 to 31.03.2023	12		

4. **Summary of Lesson Plan**  
**Program: M.Sc. II (Second Semester)**

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 –III</b> Green Chemistry-I	09.12.22 to 03.02.23	15	Home Assignments, Tutorials, Unit Test, seminar.	Unit Test-I Activity Based
2		<b>Unit –IV</b> Green Chemistry-II	04.02.23 to 31.03.23	15		Unit Test-II MCQ (Based on remaining 75% syllabus )

  
**Teacher**

  
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