

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Chemistry & Analytical, Chemistry
Structured Work Plan for Teaching
Academic Year: 2021-22 (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.II	Inorganic and Organic Analysis-V (U-ANC-355)
2		Analytical Chemistry	B.Sc.III	Environmental and Food Analysis-X (U-ANC-572)
3		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	Unit –I Inorganic Salt Analysis Medicinal Plant Analysis	08.07.2021 to 07.08.2021	15	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 50 % syllabus UT-I (01.09.2021 to 09.09.2021) UT-II (06.10.2021 to 12.10.2021)
2		Unit –II Analysis of Elements & Functional Groups	12.08.2021 to 04.09.2021	12		
3		Unit -III Metallurgical Analysis	09.09.2021 to 01.10.2021	10		
4		Unit -IV: Analysis of Metals and Alloys.	21.10.2021 to 30.10.2021	08		

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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	Unit –I Environmental Analysis-I (Air and Water)	05.07.2021 to 28.07.2021	12	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 50 % syllabus UT-I (01.09.2021 to 09.09.2021) UT-II (06.10.2021 to 12.10.2021)
2		Unit –II Environmental Analysis-II(Industrial Effluent)	02.08.2021 to 11.08.2021	05		
3		Unit -III Environmental Analysis-III(Soil Analysis)	16.08.2021 to 15.09.2021	12		
4		Unit -IV Food Analysis	20.09.2021 to 27.10.2021	16		

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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	Unit –I Concepts in Medicinal Chemistry	07.07.2021 to 31.07.2021	15	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 50 % syllabus UT-I (01.09.2021 to 09.09.2021) UT-II (06.10.2021 to 12.10.2021)
2		Unit –II Drugs Discovery & Concept of Prodrug & Soft Drug	04.08.2021 to 28.08.2021	15		
3		Unit –III Study of Drugs	01.09.2021 to 25.09.2021	15		
4		Unit –IV Antimicrobacterial Drugs	29.09.2021 to 30.10.2021	15		

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Structured Work Plan for Teaching
Academic Year 2021-22 (Term-II)

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2. Details of Classes to be taught

Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Mr. Akshay Atmaram Bhandare	Analytical	B. Sc. II	Analysis of Industrial Products and Quality Concept-VII

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		Chemistry		(U-ANC-455)
2		Analytical Chemistry	B. Sc. III	Applied Analytical Chemistry-XII (U-ANC-672)
3		Chemistry	M.Sc. II	Applied Organic Chemistry-XVI (P-AOC-442)

3. 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	Unit –I Analysis of Saponifiable Oils & Fats	17.12.2021 to 15.01.2022	13	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 75% syllabus
2		Unit –II Analysis of Cement	20.01.2022 to 11.02.2022	10		
3		Unit -III Analysis of Fertilizers & Pesticides	12.02.2022 to 12.03.2022	12		
4		Unit -IV: Quality Assurance and Quality Concepts	17.03.2022 to 16.04.2022	10		

4. 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
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1	Analytical Chemistry	Unit –I Pharmaceutical Analysis	23.12.2021 to 15.01.2022	11	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 75% syllabus
2		Unit –II Clinical & Cosmetic Analysis	20.01.2022 to 19.02.2022	12		
3		Unit -III Separation by Solvent Extraction	24.02.2022 to 17.03.2022	10		
4		Unit -IV Analysis of Fuel	18.03.2022 to 22.04.2022	12		

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5. Summary of Lesson Plan
Program: M.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	Chemistry	Unit –I Supramolecular Chemistry	17.12.2021 to 12.01.2022	15	Home Assignments, Tutorials, Seminars, ICT, Quizzes	Unit Test Based on first 75% syllabus
		Unit –II Carbohydrates & Vitamins	13.01.2022 to 05.02.2022	15		
		Unit –III Green Chemistry-I	09.02.2022 to 05.03.2022	15		
2		Unit –IV Green Chemistry-II	09.03.2022 to 02.04.2022	15		

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