

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Chemistry & Analytical, Chemistry
Structured Work Plan for Teaching
Academic Year: 2021-22 (Term-I)
Faculty Name: Dr. Kundan Chandramani Tayade

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1. Details of Classes to be taught:

Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Dr. Kundan Chandramani Tayade	Analytical Chemistry	B. Sc. II	Instrumental Methods of Chemical Analysis-VI (U-ANC-356)
2		Analytical Chemistry	B. Sc. III	Modern Techniques of Chemical Analysis-IX (U-ANC-571)

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 Spectroscopic Methods-I	05.07.2021 to 09.08.2021	15	Home Assignments, Tutorials, Seminars, ICT, Jeopardy, Innovative Teaching Learning Pedagogies (LMS, Interactive Slides, etc)	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 Spectroscopic Methods-II	10.08.2021 to 22.09.2021	18		
3		Unit -III Electron Microscopy	27.09.2021 to 06.10.2021	07		
4		Unit -IV: Green Atomic Force Microscopy	18.10.2021 to 27.10.2021	05		

Teacher

HoD

Principal

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 Infrared Spectroscopy	08.07.2021 to 31.07.2021	12	Home Assignments, Tutorials, Seminars, ICT, Jeopardy, Innovative Teaching Learning Pedagogies (LMS, Interactive Slides, etc)	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 1H NMR Spectroscopy	05.08.2021 to 03.09.2021	13		
3		Unit -III Mass Spectrometry	04.09.2021 to 08.10.2021	12		
4		Unit -IV Fluorescence Spectroscopy	16.10.2021 to 30.10.2021	08		

Teacher**HoD****Principal**

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

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1. Details of Classes to be taught

Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Dr. Kundan Chandramani Tayade	Analytical Chemistry	B. Sc. II	Radiochemical, Thermal, Optical & Chromatographic Methods-VIII (U-ANC-456)
2		Analytical Chemistry	B. Sc. III	Electroanalytical Techniques and Chromatography-XI (U-ANC-671)

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	Unit –I Radiochemical Methods	20.12.2021 to 05.01.2022	09	Home Assignments, Tutorials, Seminars, ICT, Quizes	Unit Test Based on first 50% syllabus
2		Unit –II Thermal Methods of Analysis	10.01.2022 to 02.02.2022	12		
3		Unit -III Optical Methods	07.02.2022 to 23.02.2022	08		
4		Unit -IV: Chromatographic Techniques	28.02.2022 to 06.04.2022	16		

Teacher

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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	Unit –I Electroanalytical Techniques-I (Conductometry, Potentiometry)	17.12.2021 to 10.01.2022	12	Home Assignments, Tutorials, Seminars, ICT, Quizes	Unit Test Based on first 75% syllabus
2		Unit –II Electroanalytical Techniques-II (Polarography & Amperometry)	11.01.2022 to 09.02.2022	13		
3		Unit -III Chromatographic Techniques-II (Ion Exchange)	14.02.2022 to 23.02.2022	05		
4		Unit -IV Chromatographic Techniques-III (Size Exclusion, SFC and Hypheneted Techniques)	28.02.2022 to 06.04.2022	15		

Teacher

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