



Shiv Chhatrapati Shikshan Sanstha's  
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)  
Department of Chemistry and Analytical Chemistry  
Teaching Plan

Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Dr. Kundan Tayade**

### Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. III (Sem V)	A	Analytical Chemistry	Modern Techniques Of Chemical Analysis-IX	45

### Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit - I Infrared Spectrophotometry	12	01/07/2024 To 29/07/2024	Lecture Method	0
Unit - II <sup>1</sup> H NMR Spectroscopy	13	30/07/2024 To 28/08/2024	Lecture Method	1
Unit - III Mass Spectrometry	12	02/09/2024 To 25/09/2024	Lecture Method	0
Unit - IV Fluorescence Spectroscopy	8	30/09/2024 To 21/10/2024	Lecture Method	1

Teacher

HOD  
Head

Department of Chemistry  
& Analytical Chemistry,  
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(Autonomous) LATUR-413512

Principal  
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Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. I (Sem I)	A	Physical Methods in Chemistry-IV	601CHE1104	45

### Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I – Basic Concepts of Analytical Chemistry and Chemometrics:	12	18/07/2024 To 10/08/2024	Lecture Method	0
Unit II - Errors & Statistical treatment of Analytical Data	12	16/08/2024 To 13/09/2024	Lecture Method	1
Unit III -Separation Techniques	12	14/09/2024 To 11/10/2024	Lecture Method	0
Unit IV:- Forensic Analysis	9	17/10/2024 To 23/10/2024	Lecture Method	1

  
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Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. I (Sem I)	A	Research Methodology	601CHE1301	60

### Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I: Introduction and Methods of Research	12	29/07/2024 To 20/08/2024	Lecture Method	0
Unit II: Research Design and Sampling	18	21/08/2024 To 23/09/2024	Lecture Method	1
Unit III: Data Collection and Data Processing	12	24/09/2024 To 15/10/2024	Lecture Method	0
Unit IV: Report writing and evaluations	12	16/10/2024 To 23/10/2024	Lecture Method	1

  
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Name of the Teacher : **Kundan Tayade**

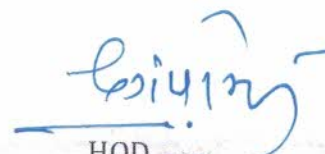
### Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. III (Sem VI)	A	Analytical Chemistry	Electroanalytical Techniques & Chromatography-XI	45

### Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit-I Electroanalytical Techniques-1	12	09/12/2024 To 31/12/2024	Lecture and Demonstrations	02
Unit - II Electro analytical Techniques-2	13	01/01/2025 To 29/01/2025	Lecture and Demonstrations	02
Unit - III Chromatographic Techniques -2	5	03/02/2025 To 11/02/2025	Lecture and Demonstrations	02
Unit - IV Chromatographic Techniques-3	15	12/02/2025 To 29/03/2025	Lecture and Demonstrations	02

  
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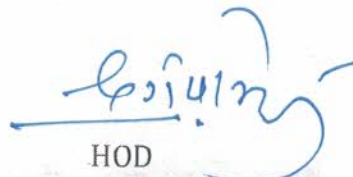
Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hr
M.Sc. I (Sem II)	A	Physical Methods in Chemistry	601CHE2201	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I - Electroanalytical Techniques	15	06/12/2024 To 02/01/2025	Lecture and Demonstrations	02
Unit II - Spectroscopic techniques	12	03/01/2025 To 30/01/2025	Lecture and Demonstrations	02
Unit III - Thermal Methods	12	31/01/2025 To 27/02/2025	Lecture and Demonstrations	02
Unit IV- Diffraction Methods	9	28/02/2025 To 29/03/2025	Lecture and Demonstrations	02

  
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