

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Structured Work Plan for Teaching
Academic Year 2023-24 (Term-I)

Details of Classes to be taught

| Name of Assistant Professor | Subject | Class | Paper |
|-----------------------------|-----------|-----------|----------------------|
| Prof. Poonam D. Wawargire | Chemistry | B. Sc. II | Analytical Chemistry |

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 | Chemistry | Unit -I Spectroscopic methods -Visible Spectroscopy | 26/06/23 TO 26/07/23 | 15 | Home Assignments, Tutorials, Unit Test , seminar. | Unit test -I Activity based test (home assignment) Unit test -II MCQ based on 75% syllabus |
| 2 | | Unit -II Spectroscopic methods (AAS &FES) | 31/07/23 TO 12/09/23 | 18 | | |
| 3 | | Unit -III Electron Microscopy | 13/09/23 TO 03/10/23 | 07 | | |
| 4 | | Unit -IV Atomic Force Microscope | 04/10/23 TO 14/10/23 | 05 | | |

Poonam
Teacher

Poonam
HoD
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Poonam
Principal
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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Structured Work Plan for Teaching
Academic Year 2023-24 (Term-I)

Details of Classes to be taught

| Name of Assistant Professor | Subject | Class | Paper |
|-----------------------------|-----------|----------|---------------------------------|
| Prof. Poonam D. Wawargire | Chemistry | M. Sc. I | Analytical methods in chemistry |

Summary of Lesson Plan

Program: M.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 | Chemistry | Unit -I Basic Concepts of Analytical Chemistry and Chemometrics | 01/08/23 TO 22/08/23 | 12 | Home Assignments, Tutorials, Unit Test , seminar. | Unit test -I Activity based test (home assignment) Unit test -II MCQ based on 75% syllabus |
| 2 | | Unit -II Errors & Statistical treatment of Analytical Data | 25/08/23 TO 12/09/23 | 12 | | |
| 3 | | Unit -III Separation Techniques | 15/09/23 TO 14/10/23 | 15 | | |
| 4 | | Unit -IV Forensic Analysis | 16/10/23 TO 04/11/23 | 06 | | |


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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Chemistry & Analytical Chemistry
Structured Work Plan for Teaching
Academic Year: 2023-24 (Term-II)
Faculty Name: Miss. P.D. Wawargire



1. Details of Classes to be taught

| Sr. No. | Name of Assistant Professor | Subject | Class | Paper |
|---------|-----------------------------|----------------------|----------|--|
| 1 | Miss. P.D. Wawargire | Analytical Chemistry | B.Sc. II | Radiochemical, Thermal, Optical & Chromatographic Methods-VIII (U-ANC-456) |

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 | 06.12.2023 to 26.12.2023 | 9 | Home Assignments, Tutorials, Seminars, ICT | UT-I Unit Test Based on first 50 % syllabus |
| 2 | | Unit -II Thermal Methods of Analysis | 27.12.2023 to 24.01.2024 | 12 | | UT-II Unit Test Based on remaining 50 % syllabus |
| 3 | | Unit -III Optical Methods | 29.01.2024 to 13.02.2024 | 8 | | |
| 4 | | Unit -IV Chromatographic Techniques- I | 14.02.2024 to 27.03.2024 | 16 | | |

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Structured Work Plan for Teaching
Academic Year 2023-24 (Term-II)



Details of Classes to be taught

| Name of Assistant Professor | Subject | Class | Paper |
|-----------------------------|-----------|----------|-------------------|
| Prof. Poonam D. Wawargire | Chemistry | M. Sc. I | Organic Chemistry |

Summary of Lesson Plan

Program: M.Sc. I (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 | Unit -I Free Radical Reaction | 11/12/2023 TO 01/01/2024 | 10 | Home Assignments, Tutorials, Unit Test, seminar. | Unit test -I Activity based test (home assignment) Unit test -II MCQ based on 75% syllabus |
| 2 | | Unit -II Elimination Reaction | 02/01/2024 TO 22/01/2024 | 08 | | |
| 3 | | Unit -III Pericyclic Reaction | 23/01/2024 TO 21/02/2024 | 13 | | |
| 4 | | Unit -IV Photochemistry | 26/02/2024 TO 27/03/2024 | 14 | | |

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