

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Structured Work Plan for Teaching

Academic Year 2022-23 (Term-I)

Department of Chemistry and Analytical Chemistry

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 of Natural Products	Unit -I Terpenoids and Carotenoids	23/06/22 to 16/07/22	15	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 50 % syllabus
2		Unit -II Alkaloids	20/07/22 to 13/08/22	15		
3		Unit -III Steroids	17/08/22 To 15/09/22	15		
4		Unit -IV Anthocynins and Flavones	16/09/22 to 14/10/22	15		

  
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HoD

Department of Chemistry,  
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**Structured Work Plan for Teaching**  
**Academic Year 2022-23 (Term-I)**  
**Department of Chemistry and Analytical Chemistry**

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

Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Dr. Kalimoddin Inayatsab Momin	Chemistry II	B. Sc. I	Organic and Inorganic Chemistry II (U-CHE-148)
2		Chemistry VI	B. Sc. II	Organic Chemistry – VI Sec,A (U-CHE-352)
3		Chemistry	M,Sc.II	Chemistry of Natural Products XI (P –CNP- 345)


**2. 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	Chemistry	<b>Unit –I</b> Introduction to organic Chemistry and Nomenclature of Organic Compounds	13/07/22 to 30/07/22	08	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 50% syllabus
2		<b>Unit –II</b> Basic concepts in Organic Chemistry:	01/08/22 to 19/08/22	08		
3		<b>Unit -III</b> Alkanes, Cycloalkanes, Alkenes, Alkynes	12/09/22 to 30/09/22	08		
4		<b>Unit -IV:</b> Ethers and Epoxides	01/10/22 to 14/10/22	06		
5		<b>Unit V</b> Chemical bonding:	20/08/22 to 10/09/22	10		
6		<b>Unit VI</b> Inert gases	15/10/22 to 05/11/22	05		

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**Structured Work Plan for Teaching**  
**Academic Year 2022-23 (Term-I)**  
**Department of Chemistry and Analytical Chemistry**

**3. 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.VI (Sec.A)	<b>Unit -I</b> Name Reactions with Mechanism	20/06/22 to 12/07/22	08	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 50% syllabus
2		<b>Unit -II</b> Carboxylic acids and their derivatives	13/07/22 to 23/08/22	08		
3		<b>Unit -III</b> Organic Compounds of Nitrogen	24/08/22 To 27/09/22	08		
4		<b>Unit -IV</b> Introduction to Organometallic Compounds	28/09/22 to 15/10/22	06		

  
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**Structured Work Plan for Teaching**  
**Academic Year 2022-23 (Term-II)**

**Details of Classes to be taught**

Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Dr. K.I.Momin	Chemistry	B. Sc. I	Organic Chemistry (U-CHE--249) Paper IV

**Summary of Lesson Plan**

Program: B.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 Aromaticity and Aromatic Hydrocarbons	08/12/22 to 24/12/22	08	Home Assignments, Tutorials, Seminars, ICT	Unit test -I Activity based test (Home assignment) Unit test -II MCQ based on 75% syllabus
2		Unit -II Halo alkenes and Halo arenes	26/12/22 to 10/01/23	08		
3		Unit -V Oxidation and Reduction	11/01/23 to 25/01/23	07		
4		Unit -III: Organic Hydroxy Compounds	26/01/23 to 14/02/23	08		
5		Unit -IV: Fats, Oils, Soaps and Detergents	15/02/2022 To 01/03/2022	06		
6		Unit - VI Occurrence, and isolation of Elements	02/03/2023 To 29/03/2023	08		

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**Structured Work Plan for Teaching**  
**Academic Year 2022-23 (Term-II):**

**Details of Classes to be taught**

Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Dr. K.I.Momin	Chemistry	B. Sc. II	Organic Chemistry (U-CHE--452) Paper VIII


**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	Chemistry	Unit -I Stereochemistry	08/12/22 to 03/01/23	08	Home Assignments, Tutorials, Seminars, ICT	Unit test -I Activity based test (Home assignment) Unit test -II MCQ based on 75% syllabus
2		Unit -II Carbohydrates	04/01/23 to 31/01/23	08		
3		Unit -III Aromatic Carboxylic & Sulphonic Acid	01/02/23 to 28/02/23	08		
4		Unit -IV Polynuclear Hydrocarbons	01/03/23 to 29/03/23	06		

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**Academic Year 2022-23 (Term-II)-**

**Details of Classes to be taught**

Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Dr. K.I.Momin	Chemistry	M. Sc. II	Advanced Heterocyclic Chemistry (P-AHC-441) Paper XV

**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 Introduction to Heterocycles & Small membered Heterocycles	08/12/22 to 31/12/22	15	Home Assignments, Tutorials, Seminars, ICT	Unit test -I Activity based test (Home assignment) Unit test -II MCQ based on 75% syllabus
2		Unit -II Five & Six membered Heterocycles with two heteroatoms	01/01/23 to 27/01/23	15		
3		Unit -III Heterocycles with more than two heteroatoms	28/01/23 to 23/02/23	15		
4		Unit -IV Larger ring & Benzofused Heterocycles	24/02/23 to 29/03/23	15		

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