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

1. Details of Classes to be taught

| Sr. No. | Name of Assistant Professor | Subject | Class | Paper |
|---------|-----------------------------|-----------|-----------|---|
| 1 | | Chemistry | B. Sc. II | Physical & Inorganic Chemistry (U-CHE-351) (Section B) |
| 2 | Dr. K. I. Momin | Chemistry | B. Sc. II | Organic & Inorganic Chemistry (U-CHE-352) (Section A & B) |
| 3 | | Chemistry | M. Sc. II | Chemistry of Natural Products (P-CNP-345) |

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 | | Unit -I Name Reactions with Mechanisms | 07/07/21 to 17/07/21 | 08 | Tutorials, ICT on 50% syllabu UT (01.09.2021 to 0 | Two Unit Tests (each Based on 50% syllabus) UT-I |
| 2 | | Unit -II Carboxylic Acids & Derivatives | 18/07/21to 04/08/21 | 08 | | (01.09.2021 to 09.09.2021) UT-II (06.10.2021 to 12.10.2021) |
| 3 | Chemistry | Unit -V Concept of Hybridisation | 05/08/21 to 18/08/21 | 08 | | |
| 4 | | (Physical & Inorganic Chemistry (Section B) | 19/08/21 to 02/09/21 | 08 | | |
| | | Unit IV Principles Involved in Volumetric Analysis | | | | |

3. 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 Terpenoids & Carotenoids | 07/07/21 to 31/07/21 | 15 | Home Assignments, Tutorials, Seminars, ICT | Two Unit Tests (each Based on 50% syllabus) UT-I (01.09.2021 to 09.09.2021) |
| 2 | | Unit -II Alkaloids | 04/08/21 to 27/08/21 | 15 | | |
| 3 | - Chemistry | Unit –III Steroids | 28/08/21 to 24/09/21 | 15 | | UT-II (06.10.2021 to 12.10.2021) |
| 4 | | Unit IV Anthocyanins & Flavones | 25/09/21 to 30/10/21 | 15 | | |

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| | Unit III | 03/09/21 to | 08 |
|---|---------------------------------|----------------------|--|
| | Organic Compounds of Nitrogen | 17/09/21 | |
| | Unit -VI Coordination | 18/09/21 to 30/09/21 | 07 |
| | Chemistry-I | | A STATE OF THE STA |
| 5 | Unit IV | 01/10/21 to | 06 |
| | Introduction to Organometalic | 21/10/21 | |
| | Compounds | 22/10/21 to | 07 |
| | (Physical & Inorganic Chemistry | 22/10/21 to 02/11/21 | 07 |
| 7 | (Section B) | | |
| | Unit V Chemistry of P-Block | | |
| | elements | | |

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

Details of Classes to be taught

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

Summary of Lesson Plan

Program: M.Sc. II (Fourth Semester)

| Sr. No. | Subject | Unit and Chapter to be Covered | Date | No. of Lectur es | Academic activities to be organized | No. of Test / Assignment with topic and date |
|------------|-----------|--|--------------------------------|------------------------|--|--|
| 1 | | Unit -I Introduction to Heterocycles and small membered heterocycles | 17.12.2021 to 12.01.2022 | 15 | Home Assignments, Tutorials, Seminars, ICT | |
| 2 | Chamista | Unit -II Five and Six membered Heterocycles with two hetero atoms. | 13.01.2022 to 05.02.2022 | 15 | | |
| 3 | Chemistry | Unit –III Heterocycles with more than two hetero atoms | 09.02.2022 to 05.03.2022 | 15 | | |
| 4 | | Unit -I: Larger ring and benzofused heterocylcles. | 09.03.2022 to 02.04.2022 | 15 | | |

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

1.Details of Classes to be taught

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

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 | | Unit –I | 22.12.2021 | 08 | Home Assignments, | |
| | | Stereochemistry | to 13.01.2022 | | Tutorials, Seminars, ICT | |
| 2 | | Unit -II Carbohydrates | 19.01.2022 to 10.02.2022 | 08 | | |
| 3 | Chemistry | Unit -III Aromatic Carboxylic and Sulphonic acids | 16.02.2022 to 10.03.2022 | 08 | | 2 |
| 4 | | Unit -IV: Polynuclear Hydrocarbons | 16.03.2022 to 14.04.2022 | 06 | | |

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