

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur  
Structured Work Plan for Teaching  
Academic Year 2022-23 (Term-I)

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1. Details of Classes to be taught

Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Prof. V. M. Dhumal	Chemistry	B. Sc. II	Physical and Inorganic chemistry (U-CHE-351) Organic and Inorganic chemistry (U-CHE-352)
2		Chemistry	B. Sc. III	Physical and Inorganic chemistry (U-CHE-567) Organic and Inorganic chemistry (U-CHE-568)


2. Summary of Lesson Plan  
Program: B.Sc. II (Third Semester)

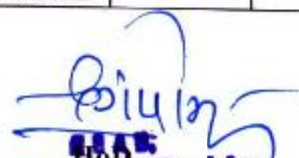
Sr. No.	Subject	Unit and Chapter to be Covered	Date	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Chemistry	Unit –I Concepts of P-Block elements)	25/06/2022 - 18/07/2022	07	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 75% syllabus
2		Unit –II Concepts of hybridisation	19/07/2022 - 19/08/2022	08		

3		<b>Unit -III</b> Principles involved in volumetric analysis	20/08/2022 - 10/09/2022	07		
4		<b>Unit -IV</b> Co ordination chemistry	16/09/2022 - 08/10/2022	08		

**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	Chemistry	<b>Unit -I</b> Bioinorganic Chemistry	24/06/2022 - 09/07/2022	06	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 75% syllabus
2		<b>Unit -II</b> F-block elements	15/07/2022 - 05/08/2022	07		
3		<b>Unit -III</b> D-block elements	06/08/2022 - 03/09/2022	09		
4		<b>Unit -IV</b> Radioactivity	09/09/2019 - 07/10/2022	08		

  
Teacher


  
HOD  
Department of Chemistry,  
Rajarshi Shahu Mahavidyalaya  
LATUR-413512.

  
Principal  
**PRINCIPAL**  
Rajarshi Shahu Mahavidyalaya  
(Autonomous), Latur

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Structured Work Plan for Teaching**  
**Academic Year 2022-23 (Term-I)**  
**Course Title: Inorganic Chemistry**

Name: Mr. Vasant M. Dhumal  
 Program: M.Sc. I (First Semester)  
 Course Code- P-INC-142

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> Inorganic reaction mechanism-I	05/09/22 to 10/10/22	20	Home Assignments, Tutorials, Seminars	Two Unit Tests- I Activity Based Test Unit Tests- II MCQ Test Based on 75% syllabus
2		<b>Unit -II</b> Inorganic reaction mechanism-II	11/10/22 to 17/11/22	10		
3		<b>Unit –III</b> Spectral Properties Of Metal Complexes	18/11/22 to 10/12/22	20		
4		<b>Unit IV</b> Magnetic Properties Of Metal Complexes	10/12/21 to 20/12/22	10		

  
 Teacher

  
 HoD  
**Department of Chemistry,**  
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**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Structured Work Plan for Teaching**  
**Academic Year 2022-23 (Term-II)**

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

Sr. No.	Name of Assistant Professor	Subject	Class	Paper
1	Prof. V. M. Dhumal	Chemistry	B. Sc. II	Physical and Inorganic chemistry (U-CHE-451) Organic and Inorganic chemistry (U-CHE-452)
2		Chemistry	B. Sc. III	Physical and Inorganic chemistry (U-CHE-667) Organic and Inorganic chemistry (U-CHE-668)

**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	Chemistry	Unit -I Coordination Chemistry-II	09/12/2022 - 31/12/2022	08	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 75% syllabus
2		Unit -II Principles involved in gravimetric analysis	06/01/2023 - 04/02/2023	10		

3		<b>Unit –III</b> VSEPR Theory	10/02/2023 - 03/03/2023	07		
4		<b>Unit –IV</b> Corrosion and Passivity	04/03/2023 - 18/03/2023	05		

**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	Chemistry	<b>Unit –I</b> Molecular orbital theory	09/12/2022 - 07/01/2023	10	Home Assignments, Tutorials, Seminars, ICT	Unit Test Based on first 75% syllabus
2		<b>Unit –II</b> F-block elements (Actinides)	13/01/2023 - 03/02/2023	07		
3		<b>Unit –III</b> Chemistry of Non – transition elements	04/02/2023 - 18/02/2023	05		
4		<b>Unit –IV</b> Radioactivity II	24/02/2023 - 18/03/2023	08		

*Dhruv*  
Teacher

*P. Singh*  
HOD  
Department of Chemistry,  
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*Rajarshi*  
Principal  
**PRINCIPAL**  
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**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Structured Work Plan for Teaching**  
**Academic Year 2022-23 (Term-II)**

**Details of Classes to be taught**

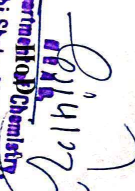
Sr. No.	Name of Assistant Professor	Subject	Class	Paper
	Prof Vasant M. Dhurnal	Chemistry	M. Sc. I	Inorganic Chemistry (P.JNC:241)

**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		Unit -I Bio-Inorganic Chemistry	17/01/23 to 04/02/23	15	Home Assignments, Tutorials, ICT	Two Unit Tests Based on 50% syllabus each
2		Unit -II Main Group Elements	06/02/23 to 21/02/23	15		
3	Chemistry	Unit -III Organometallics and Solid State Chemistry	22/02/23 to 13/03/23	15		
4		Unit -IV Inorganic Spectroscopy	14/03/23 to 31/03/23	15		

  
Teacher

  
Department Head  
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