

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (B.Sc. I Semester-I)

(Jul 2022 to Nov 2022)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc. I Sem. I	Mr. A.K.Mungle	Physics	U-PHY-136 Heat And Thermodynamics-II	45 (2-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I: Transport Phenomena in Gases	11	11/07/2022 to 02/08/2022	Career Guidance	--
2	Unit II: Behavior of Real Gases	11	03/08/2022 to 06/09/2022	--	Activity based Unit Test-I
3	Unit III: Thermodynamics	12	07/09/2022 to 04/10/2022		
4	Unit IV: Thermodynamical Relations	11	10/10/2022 to 09/11/2022	ICT Based Teaching	19.10.2022 Unit Test-II(MCQ)

Arshad

Mr. A.K.Mungle
Date:14.07.2022

Sudha
HOD
10/07/22

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Department of Physics & Electronics
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Principal
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Teaching Plan (B.Sc. III Semester-V)

(June 2022 to October 2022)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.Sc. III Sem. V	Mr. A.K.Mungle	Physics	U-PHY-541 Quantum Mechanics-IX	45 (2-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I: Origin Of Quantum Mechanics	12	20/06/22 to 13/07/22	Career Guidance	--
2	Unit II: Schrodinger's Wave Equation And Operators	10	18/07/22 to 08/08/22	IIT-JAM Questions Solving	Activity based Unit Test-I
3	Unit III: Applications Of Schrodinger's Steady State Equation	11	10/08/22 to 12/09/22	--	
4	Unit IV: Quantum Theory Hydrogen Atom	12	13/09/22 to 11/10/22	ICT Based Teaching	19.09.2022 Unit Test-II(MCQ)

Akshay

Mr. A.K.Mungle

Date:14.07.2022

9/10/22
HoD

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Teaching Plan (M.Sc. I Semester-I)

(Jul 2022 to November 2022)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers
1	M. Sc. (Sem. I)	Mr. A.K.Mungle	Physics	P-QUM-121 Quantum Mechanics-III	60 (4-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I: Introduction to Quantum Theory	15	27/07/2022 to 19/08/2022	Career Guidance	--
2	Unit II: Simple Potential Problems	15	20/08/2022 to 16/09/2022	MH-SET Questions Solving	
3	Unit III: Theory of Angular Momentum	15	17/09/2022 to 13/10/2022	--	Unit Test-I Assignment (19.09.2022 to 30.09.2022)
4	Unit IV: Approximation Methods	15	14/10/22 to 30/11/22	ICT Based Teaching	Unit Test-II Activity based (16.10.2022 to 27.11.2022)

Atsaha

Mr. A.K.Mungle
Date:14.07.2022

8/10/22
14/7/22
HoD

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