



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of PHYSICS AND ELECTRONICS
Teaching Plan

Timetable Duration : December 2024 to March 2025


Name of the Teacher : **Dayanand Raje**

Details of Classes to be taught

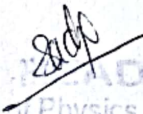
Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc II	A	Nuclear Physics and Relativity	201PHY4101	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I: Atomic Nucleus	10	05/12/2024 To 28/12/2024	Celebration of Energy Conservation Week	Problems to Solve
Unit-II: Peaceful use of Nuclear Energy	12	02/01/2025 To 30/01/2025	College Day Celebration	CAT-I (Activity Based)
Unit-III: Radioactivity	12	31/01/2025 To 01/03/2025	ICT based teaching	CAT-II (MCQs)
Unit-IV: Special theory of Relativity	11	06/03/2025 To 28/03/2025	---	Examples to Solve


Dr. D.V. Raje

Teacher


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B.Sc III	A	Atomic, Molecular and Statistical Physics	UPHY641	45

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Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit-I: Atomic Spectra	12	09/12/2024 To 07/01/2025	Celebration of Energy Conservation Week	Examples to Solve
Unit-II: Molecular Spectroscopy	11	08/01/2025 To 12/02/2025	College Day Celebration	CAT-I (Activity Based)
Unit-III: Maxwell-Boltzmann Statistics	12	17/02/2025 To 11/03/2025	---	CAT-II (MCQs)
Unit-IV: Quantum Statistics	10	12/03/2025 To 29/03/2025	Carrier Guidens	Examples to Solve



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M.Sc. I	A	Atomic and Molecular Spectroscopy	601PHY2101	45

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Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit-I: Atomic Spectroscopy	12	05/12/2024 To 02/01/2025	Celebration of Energy Conservation Week	Examples to Solve
Unit II: Rotational and Vibrational Spectroscopy	11	03/01/2025 To 25/01/2025	College Day Celebration	CAT-I (Activity Based)
Unit III: Raman and Electronic Spectroscopy	11	30/01/2025 To 06/03/2025	Seminar	CAT -II (MCQs)
Unit IV: Resonance Spectroscopy	11	07/03/2025 To 29/03/2025	ICT based teaching	Examples to Solve

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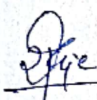
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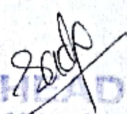
Class	Division	Course Title	Course Code	Total Teaching Hrs
B.A., B.Com B.Sc.I	A	Physics Workshop Skills	101PHY1601	30


Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I : Measuring Units and Mechanical Skills	7	06/12/2024 To 03/01/2025	Energy Conservation Week Celebration	Examples to Solve
Unit II: Multimeters and its Applications	8	10/01/2025 To 31/01/2025	College Day Celebration	CAT-I (Activity Based)
Practicals	15	14/02/2025 To 28/03/2025	College Day Celebration	CAT -II (MCQs)


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