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

Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Garad Mayuri Dilip**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. FY (VSC-I)	A	Domestic Electrical Wiring	101PHY1501	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:Study and Use Of Wiring Accessories	6	24/07/2024 To 31/07/2024	Career Guidance	-
Unit II:Testing of Electrical Installation	5	07/08/2024 To 21/08/2024	-	CAT-I
Unit III:To Make Domestic Wiring	5	04/09/2024 To 18/09/2024	Problem Solving	-
Unit IV: Application Of Different Types Of Switch Connections	6	25/09/2024 To 09/10/2024	-	CAT-II
Unit V: Practical	8	16/10/2024 To 23/10/2024	-	-

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Teaching Plan

Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Garad Mayuri Dilip**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. FY (DSC-II)	A	Heat and Thermodynamics-II	101PHY1102	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: Transport Phenomena in Gases	12	08/07/2024 To 03/08/2024	Career Guidance	-
Unit II: Behavior Of Real Gases	12	08/08/2024 To 31/08/2024	-	CAT-I
Unit III: Thermodynamics	15	05/09/2024 To 03/10/2024	Problem Solving	-
Unit IV: Thermodynamical Relations	6	04/10/2024 To 24/10/2024	-	CAT-II

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Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Garad Mayuri Dilip**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. SY (Electronics)	A	Oscillators,Multivibrators & Sweep Circuit-V	201ELE3101	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: L-C Oscillators	12	01/07/2024 To 05/08/2024	Career Guidance	-
Unit II: R-C Oscillators	10	06/08/2024 To 28/08/2024	-	CAT-I
Unit III: Multivibrators	12	03/09/2024 To 30/09/2024	Problem Solving	-
Unit IV: Sweep Circuits(Time Base or Ramp Generators)	11	01/10/2024 To 23/10/2024	-	CAT-II

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Timetable Duration : July 2024 to November 2024

Name of the Teacher : **Garad Mayuri Dilip**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. FY	A	Classical Mechanics-II	601PHY1102	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: Central Force Problem	12	25/07/2024 To 22/08/2024	Career Guidance	CAT-I
Unit II: Variational Principle and Hamiltonian Formulation	11	23/08/2024 To 12/09/2024	-	-
Unit III: Canonical Transformations and Hamilton-Jacobi Theory	11	13/09/2024 To 03/10/2024	Problem Solving	-
Unit IV: Small Oscillations & Special Theory Of Relativity	11	04/10/2024 To 24/10/2024	-	CAT-II

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Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Mayuri Garad**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. FY	A	Electricity and Magnetism III	101PHY2101	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 : Electrostatics	11	05/12/2024 To 27/12/2024	Career Guidance	-
Unit II : Electromagnetic Induction	12	28/12/2024 To 24/01/2025	-	-
Unit III : Ballistic Galvanometer	11	25/01/2025 To 20/02/2025	Problem Solving	CAT - I
Unit IV : Magnetostatics	11	21/02/2025 To 29/03/2025	-	CAT - II

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Teaching Plan

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Mayuri Garad**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. FY	A	Thermodynamics and Statistical Mechanics	601PHY2103	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: Statistical Mechanics and Thermodynamics	11	05/12/2024 To 27/12/2024	Career Guidance	-
Unit II : Statistical Ensemble Theory	11	28/12/2024 To 23/01/2025	-	-
Unit III : Formulation of Quantum Statistics	12	24/01/2025 To 20/02/2025	Problem Solving	CAT-I
Unit IV: Phase Transitions and Critical Phenomenon	11	21/02/2025 To 29/03/2025	-	CAT-II

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Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Mayuri Garad**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. SY	A	Fibre Optics and its Applications	701PHY4101	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: Ray Theory of Transmission	11	09/12/2024 To 01/01/2025	Career Guidance	-
Unit II: Fibre Fabrication Techniques and Fibre Losses	12	06/01/2025 To 05/02/2025	-	CAT-I
Unit III: Communication Systems and Modulation	11	10/02/2025 To 10/03/2025	Problem Solving	-
Unit IV: Optical Fibre Communication & Measurements on Optical Fibres	11	11/03/2025 To 26/03/2025	-	CAT-II

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Teaching Plan

Timetable Duration : December 2024 to March 2025

Name of the Teacher : Mayuri Garad

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. FY (VSC-II)	A	Weather Forecasting	101PHY2501	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 : Introduction to Atmosphere	8	11/12/2024 To 01/01/2025	Career Guidance	-
Unit II : Climate and Climate Change	7	08/01/2025 To 29/01/2025	Problem Solving	CAT-I
Unit III : Practical	15	05/02/2025 To 26/03/2025	-	CAT-II

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Teaching Plan

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Mayuri Garad**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Com. SY (GE)	A	Physics Of Daily Life	201PHY3401	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: Physics in Earth's Atmosphere	8	06/12/2024 To 28/12/2024	Career Guidance	-
Unit II: Physics in Human Body	7	03/01/2025 To 25/01/2025	-	CAT-I
Unit III: Physics in Sports	7	31/01/2025 To 21/02/2025	Problem Solving	-
Unit IV: Physics in Technology	8	22/02/2025 To 29/03/2025	-	CAT-II

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