



Shiv Chhatrapati Shikshan Sanstha's

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

**(Department of Physics and Electronics)**

**Structured work Plan for Teaching**

**Academic Year: 2025-26**

Name of the Teacher: **Ms. Harshada S. Nalge**


**1. Details of the classes to be taught:**

Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs.
B.Sc I Sem I	Heat and Thermodynamics	DSC	101PHY1102	03	45

**2. Summary of the 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	11	09/07/2025 To 26/07/2025	-	CAT-I
Unit II-Behaviour of Real Gases	11	30/07/2025 To 28/08/2025	-	CAT- II
Unit III- Thermodynamics	12	30/08/2025 To 20/09/2025	-	CAT- III
Unit IV- Thermodynamical Relations	11	24/09/2025 To 09/10/2025	-	SEE

  
Teacher

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

  
Principal  
**PRINCIPAL**  
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B.Sc III Sem V	Solar Energy	DSE	301PHY5201A	03	45

**2. Summary of the Lesson plan:**

Unit and chapter to be Covered	Expected no of lectures	Date	Academic activities to be Organized	No of test/Assignment with topic and date
Unit I- Solar Radiation	12	23/06/2025 To 09/07/2025	-	CAT-I
Unit II- solar Energy	11	14/07/2025 To 04/08/2025	Quiz competition	CAT-II
Unit III- Fundamentals of Solar Cells	11	05/08/2025 To 08/09/2025	-	CAT-III
Unit IV- Device Physics	11	09/09/2025 To 08/10/2025	-	SEE

  
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Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs.
M.Sc I	Classical Mechanics- II	Major	601PHY1102	03	45

**2. Summary of the 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	14/07/2025 To 02/08/2025	Bridge course	CAT-I
Unit II - Variational Principle and Hamiltonian Formulation	11	04/08/2025 To 30/08/2025	-	CAT-II
Unit III- Canonical Transformations and Hamilton- Jacobi Theory	11	06/09/2025 To 20/09/2025	-	CAT-III
Unit IV- Small Oscillations and Special Theory of Relativity	11	22/09/2025 To 10/10/2025	-	SEE

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**1. Details of the classes to be taught:**

Class	Course Title	Course Type	Course Code	No. of Credits	Total Teaching Hrs.
B.Sc I Sem I	Energy sources	GE/OE	101PHY1401	04	60

**2. Summary of the Lesson plan:**

Unit and chapter to be Covered	Expected no of lectures	Date	Academic activities to be Organized	No of test/Assignment with topic and date
Unit I- Renewable Energy Sources	15	07/07/2025 To 30/07/2025	-	CAT-I
Unit II- Conventional Energy sources	15	31/07/2025 To 28/08/2025	-	CAT-II
Unit III- Solar Energy	15	02/09/2025 To 18/09/2025	-	CAT-III
Unit IV- Wind Energy	15	22/09/2025 To 09/10/2025	-	SEE

Harshada S. Nalge  
Teacher

Sachin D. Patil  
HoD  
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Principal  
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