



BOARD OF SCHOOL EDUCATION HARYANA

Syllabus and Chapter wise division of Marks (2024-25)

Class- 9th Subject: Power (NSQF) Code: PWR 986

General Instructions:

1. There will be an Annual Examination based on the entire syllabus.
2. The Annual Examination will be of 60/2=30 marks, Practical Examination will be of 50 marks and 20 marks weightage shall be for Internal Assessment.
3. . For External Assessment (Practical) Examination:
 - (i) External Assessment- Hand on Skill of 25 (Written 10, Practical 15).
 - (ii) External Assessment- Portfolio of 10.
 - (iii) External Assessment- Viva of 15.

4. For Internal Assessment:

There will be Periodic Assessment that would include:

- i) For 6 marks- Three SAT exams will be conducted and will have a weightage of 06 marks towards the final Internal Assessment.
- ii) For 2 marks- One half yearly exam will be conducted and will have a weightage of 02 marks towards the final Internal Assessment.
- iii) For 2 marks- Subject teacher will assess and give maximum 02 marks for CRP (Class room participation).
- iv) For 5 marks- A project work to be done by students and will have a weightage of 05 marks towards the final Internal Assessment.
- v) For 5 marks- Attendance of student will be awarded 05 marks as:

| | |
|------------------|------------|
| 75% to 80% | - 01 Marks |
| Above 80% to 85% | - 02 Marks |
| Above 85% to 90% | - 03 Marks |
| Above 90% to 95% | - 04 Marks |
| Above 95% to - | - 05 Marks |



Course Structure (2024-25)

Class- 9th

Subject: Power

Code: PWR 986

| Unit. No. | Unit Name | Unit Marks |
|-----------|---|----------------|
| | Vocational Skill | |
| 1 | Electricity | 14 |
| 2 | Handling of Tools and Equipment | 12 |
| 3 | Electrical Wiring Components and Accessories | 12 |
| 4 | Introduction to Energy Meter | 12 |
| | Employability Skill | |
| 1. | Unit 1: Communication Skill (Session 1 to 10). | 2 |
| 2. | Unit 2: Self- Management Skill (Session 1 to 6). | 2 |
| 3. | Unit 3: Information and Communication Technology Skill. (Session 1 to 12). | 2 |
| 4. | Unit 4: Entrepreneurship Skill (Session 1 to 7). | 2 |
| 5. | Unit 5: Green Skill (Session 1 to 3). | 2 |
| | Total | 60/2=30 |
| | Practical Examination | 50 |
| | Internal Assessment | 20 |
| | Grand Total | 100 |



Unit 1: Electricity

Session 1: Electricity Generation Concept

Session 2: Basic Units and Effects of Electric Current

Session 3: Concept of Electrical Power and Energy

Session 4: Importance of Earthing System

Unit 2: Handling of Tools and Equipment

Session 1: Tools and Equipment

Session 2: Tools and Equipment used for Cable Laying

Unit 3: Electrical Wiring Components and Accessories

Session 1: Identifying and Selecting the Wiring Material and Components

Session 2: ICTP Switch and Distribution Board

Unit 4: Introduction to Energy Meter

Session 1: Importance of Energy Meter

Session 2: Types of Meters

Session 3: Installation of Meters

Employability Skill –

Communication skill,

Self-management skill,

Information and Communication Technology skill (ICT),

Entrepreneurship Skill,

Green skills .



Month wise Syllabus Teaching Plan (2024-25)

Class- 9th

Subject: Power

Code: PWR 986

| Month | Subject- content | Teaching Periods | Revision Periods | Practical Work |
|-------|---|------------------|------------------|----------------|
| April | Power – Introduction of Power About Power Industry Scope of Power Employability Skill- ----- | 16 | 2 | 3 |



| | | | | |
|-------------|--|-----------|-----------|-----------|
| <p>May</p> | <p>Power – Unit -1 – Session 1: Electricity Generation Concept Session 2: Basic Units and Effects of Electric Current Session 3: Concept of Electrical Power and Energy Session 4: Importance of Earthing System . Employability Skill – Unit-01 Session 01- Introduction to communication Session 02-Verbal Communication Session 03- Non-Verbal Communication Session 04- Writing Skills Parts of speech</p> | <p>16</p> | <p>2</p> | <p>3</p> |
| <p>June</p> | <p>Home Work – Make all Practical of Unit .1 All Session Revision ES Session 1 to 4</p> | | | |
| <p>July</p> | <p>Power – Unit-2 Session 1: Tools and Equipment Employability Skill – Unit-01 Session 05- Writing Skills Sentences Session 06-Pronunciation Basics Session 07-Greeting and Introduction Session 08-Talking about Self Session 09-Asking Questions-I Session 10- Asking Question-II</p> | <p>12</p> | <p>06</p> | <p>07</p> |



| | | | | |
|-----------|--|----|----|----|
| August | <p>Power – Unit-2 Session 2: Tools and Equipment used for Cable Laying</p> <p>Employability Skill – Unit 02- Session 01-Introduction to Self-Management Session 02- Strength and Weakness Analysis Session 03- Self-Confidence Session 04-Positive Thinking Session 05-Personal Hygiene Session 06- Grooming</p> | 16 | 04 | 04 |
| September | <p>Revision for Half-Yearly Exam</p> <p>Power – Unit -3- Session 1: Identifying and Selecting the Wiring Material and Components</p> <p>Employability Skill – Unit-03 Session 01- Introduction to ICT Session 02-ICT Tools- Smartphones and Tablets-I Session -03- Smartphones and Tablets-II Session 04-Parts of Computer Pheripherals Half-Yearly Exam</p> | 14 | 06 | 03 |



| | | | | |
|----------|---|----|----|----|
| October | <p>Power:- Unit -3- Session 2: ICTP Switch and Distribution Board</p> <p>Employability Skill – Unit-03 Session 05-Basic Computer operations Session 06-Performing Basic File Operations Session 07-Communication and Networking-Basic of Internet Session 08-Communication and Networking-Internet Browsing</p> | 12 | 02 | 06 |
| November | <p>Power – Unit-4- Session 1: Importance of Energy Meter</p> <p>Employability Skill – Unit-03- Session 09-Communication and Networking Introduction to E-mail Session 10- Creating E-mail account Session 11-Writing of an E-mail Session 12-Receiving and Replying to emails</p> | 10 | 05 | 07 |
| December | <p>Power – Unit-4- Session 2: Types of Meters Session 3: Installation of Meters</p> <p>Employability Skill – Unit 04- Session 01- What is Entrepreneurship Session 02- Role of Entrepreneurship Session 03- Qualities of a successful Entrepreneur</p> | 15 | 03 | 06 |



| | | | | |
|----------|---|----|----|----|
| January | Employability Skill – Unit-04- Session 04- Distinguishing Characteristics of Entrepreneurship and Wage Employment Session 05-Types of Business Activities Session 06-Product,Service and Hybrid Businesses Session 07-Entrepreneurship Development Process Employability Skill – Unit-05- Session 01-Society and Environment Session 02- Conserving and Natural Resources Session 03- Sustainable Development and Green Economy | 10 | | 02 |
| February | Revision | | 10 | |
| March | Annual Examination | | | |

Note: Skill Subject Teachers are advised to direct the students to prepare Practical Notebook of the Terminology/Definitional Words/ Glossary used in the Chapters for Enhancement of Vocabulary or Clarity of the Concept.

- The PSSCIVE Skill Textbook Present Information in Boxes the book. These help Students to get Conceptual Clarity. However, the Information in these Boxes would not be Assessed in the Year- End Examination.

Prescribed Books:

1. Power Skill Book-Text Book for Class IX, PSSCIVE Publication.
2. Employability Skill Book- Text Book for Class IX, PSSCIVE Publication.



Question Paper Design (2024-25)

Class- 9th

Subject: Power

Code: PWR 986

| Competencies | Total |
|---------------|-------|
| Knowledge | 40% |
| Understanding | 30% |
| Application | 20% |
| Skill | 10% |
| | 100% |

| Type of Question | Marks | Number | Description | Total Marks |
|---------------------------------|-------|--------|---|-------------|
| Objective Questions | 1 | 15 | 6 Multiple Choice Questions, 3 Fill in the Blanks Questions, 3 One Word Answer Type Questions, 3 Assertion-Reason Question true/false | 15 |
| Very Short Answer Type Question | 2 | 6 | Internal choice will be given in any 2 questions | 12 |
| Short Answer Type Question | 3 | 6 | Internal choice will be given in any 2 questions | 18 |
| Essay Answer Type Question | 5 | 3 | Internal options will be given in all the questions | 15 |
| Total | | 30 | | 60 |