

**LESSON PLAN FOR ACADEMIC SESSION 2021-22**

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| <b>Discipline:</b><br>Physics                  | <b>Semester: 1st</b><br><b>Branch:</b><br>Mechanical | <b>Name of the Teaching Faculty:</b> Abhilash Padhy   |
| <b>Subject:</b><br>Engg.<br>Physics<br>(Th 2A) | <b>No. of Days/per week class allotted:</b> 04       | <b>Semester From date:</b> 25/10/2021 <b>To Date:</b> 31/01/2022<br><b>No. of Weeks:</b> 15   |
| <b>Week</b>                                    | <b>Class Day/Period</b>                              | <b>Topics to be covered</b>   |
| <b>1st</b><br>(25-30)<br><b>Oct.</b>           | <b>1st</b>   | Introduction to Physics and Physical quantities, fundamental and derived units, System of Units (M.K.S. , C.G.S. , F.P.S. , S.I.), Metric Prefixes                      |
|  | <b>2nd</b>   | Dimensions and Dimensional formulae, Principle of Homogeneity and Applications of Dimensional Analysis  |
|  | <b>3rd</b>   | Unit test- 1 and Doubt Solving  |
|  | <b>4th</b>   | Definition and concept of scalar and vector quantities, examples and types of vector, triangle and parallelogram law of vector addition,                                |
| <b>2nd</b><br>(1-6)<br><b>Nov.</b>             | <b>5th</b>   | resolution of vectors, vector multiplication (scalar and vector product)  |
|  | <b>6th</b>   | Unit test- 2 and Doubt Solving  |
|  | <b>7th</b>   | concept of rest and motion, definition and concept of displacement, speed, velocity, acceleration, force  |
|  | <b>8th</b>   | equations of motion under gravity, definition and example of projectile   |
| <b>3rd</b><br>(8-13)<br><b>Nov.</b>            | <b>9th</b>   | time of flight, maximum height, horizontal range for projectile fired at an angle, condition for maximum horizontal range   |
|  | <b>10th</b>  | Problem Practice and Doubt Solving  |
|  | <b>11th</b>  | circular motion (angular displacement, velocity, acceleration), relation between linear velocity and angular velocity, relation between linear and angular acceleration |
|  | <b>12th</b>  | Unit test- 3 and Doubt Solving  |
| <b>4th</b><br>(15-20)<br><b>Nov.</b>           | <b>13th</b>  | definition and concept of work and torque   |
|  | <b>14th</b>  | types of friction (static and dynamic), limiting friction, laws of limiting friction, coefficient of friction   |
|  | <b>15th</b>  | Angle of friction and Angle of repose, Methods for reducing friction,   |
|  | <b>16th</b>  | solving simple numericals   |
| <b>5th</b><br>(22-27)<br><b>Nov.</b>           | <b>17th</b>  | Unit test- 4 and Doubt Solving  |
|  | <b>18th</b>  | explanation of Newton's laws of gravitation, universal gravitational constant   |
|  | <b>19th</b>  | acceleration due to gravity, its relation with G and comparison between mass and weight   |
|  | <b>20th</b>  | variation of g with altitude and depth  |
| <b>6th</b><br>(29 Nov. - 4 Dec.)               | <b>21st</b>  | kepler's laws of planetary motion   |
|  | <b>22nd</b>  | Unit test- 5 and Doubt Solving  |
|  | <b>23rd</b>  | Definition and example of SHM, expression for displacement, velocity and acceleration of a body in SHM  |
|  | <b>24th</b>  | Definition and example of wave motion, transverse wave and longitudinal wave  |
| <b>7th</b><br>(6-11)<br><b>Dec.</b>            | <b>25th</b>  | Definition of different wave parameters (amplitude, wavelength, frequency, time period)   |
|  | <b>26th</b>  | Derivation of relation between velocity, frequency and wavelength of a wave.  |
|  | <b>27th</b>  | Ultrasonics- definition, properties and applications  |
|  | <b>28th</b>  | Unit test- 6 and Doubt Solving  |

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| <b>8th<br/>(13-18)<br/>Dec.</b>      | <b>29th</b> | Heat and Temperature- definition, concept, units  |
|                                      | <b>30th</b> | specific heat, change of state, latent heat   |
|                                      | <b>31st</b> | simple numericals   |
|                                      | <b>32nd</b> | Definition and concept of thermal expansion   |
| <b>9th<br/>(20-25)<br/>Dec.</b>      | <b>33rd</b> | expansion of solids, coefficient of linear, superficial and cubical expansion, relation between alpha, beta, gamma                                  |
|                                      | <b>34th</b> | concept and relation of work and heat, joules mechanical equivalent of heat, first law of thermodynamics  |
|                                      | <b>35th</b> | Unit test- 7 and Doubt Solving  |
|                                      | <b>36th</b> | Definition and laws of reflection and refraction, definition and concept of refractive index  |
| <b>10th<br/>(27 Dec.<br/>-1 Jan)</b> | <b>37th</b> | simple numericals, critical angle and total internal reflection   |
|                                      | <b>38th</b> | refraction through prism (ray diagram and formula)  |
|                                      | <b>39th</b> | Fibre optics: definition, properties and applications   |
|                                      | <b>40th</b> | Unit test- 8 and Doubt Solving  |
| <b>11th<br/>(3-8)<br/>Jan</b>        | <b>41st</b> | definition and concept of Electrostatics, statement and explanation of coulomb's law, definition of unit charge, absolute and relative permittivity |
|                                      | <b>42nd</b> | Electric potential, potential difference, electric field, electric field intensity  |
|                                      | <b>43rd</b> | capacitance, series and parallel combination of capacitors, simple numericals   |
|                                      | <b>44th</b> | magnet, properties of magnet, coulomb's laws in magnetism, unit pole  |
| <b>12th<br/>(10-15)<br/>Jan</b>      | <b>45th</b> | magnetic field and magnetic field intensity, magnetic lines of force, magnetic flux and magnetic flux density, numericals                           |
|                                      | <b>46th</b> | Unit test- 9 and Doubt Solving  |
|                                      | <b>47th</b> | electric current: definition, formula and SI units,   |
|                                      | <b>48th</b> | Ohm's law and its applications  |
| <b>13th<br/>(17-22)<br/>Jan</b>      | <b>49th</b> | series and parallel combination of resistors  |
|                                      | <b>50th</b> | simple numericals   |
|                                      | <b>51st</b> | explanation of kirchoff's laws, application of kirchoff's law to wheatstone bridge, balanced WB and condition for balance                           |
|                                      | <b>52nd</b> | Unit test- 10 and Doubt Solving   |
| <b>14th<br/>(24-29)<br/>Jan</b>      | <b>53rd</b> | electromagnetism: definition and concept, force acting on a current carrying conductor placed in uniform magnetic field, Fleming's left hand rule   |
|                                      | <b>54th</b> | Faraday's laws of electromagnetic induction, Lenz's law, Fleming's right hand rule and comparison with Fleming's left hand rule                     |
|                                      | <b>55th</b> | Unit test- 11 and Doubt Solving   |
|                                      | <b>56th</b> | Laser and Laser beam (concept and Definition), Population inversion and Optical pumping, properties and applications of laser                       |
| <b>15th<br/>31st<br/>Jan</b>         | <b>57th</b> | wireless transmission: ground waves, sky waves, space waves   |
|                                      | <b>58th</b> | Unit test- 12 and Doubt Solving   |

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| <b>Discipline:</b><br>Physics                            | <b>Semester: 1st</b><br><b>Branch:</b><br>Mechanical | <b>Name of the Teaching Faculty:</b> Abhilash Padhy   |
|--|--|---|
| <b>Subject:</b><br>Engg. Physics<br>Practical<br>(Pr 2A) | <b>No. of Days/per week class allotted:</b> 04       | <b>Semester From date:</b> 25/10/2021 <b>To Date:</b> 31/01/2022<br><b>No. of Weeks:</b> 15   |
| <b>Week</b>  | <b>Class Day/ Period</b>                             | <b>Topics to be covered</b>   |
| <b>1st</b><br><b>(25-30)</b><br><b>Oct.</b>              | <b>1st</b>   | Introductory Remarks on Course Structure, Laboratory Criteria,  |
|  | <b>2nd</b>   | Identification of Various Lab Equipment   |
|  | <b>3rd</b>   | Theory of Vernier calliper and demonstration of of Experiment 01: Determination of the volume of a solid cylinder using Vernier Caliper   |
|  | <b>4th</b>   |   |
| <b>2nd</b><br><b>(1-6)</b><br><b>Nov.</b>                | <b>5th</b>   | Conduction of Experiment 01 : Determination of the volume of a solid cylinder using Vernier Caliper   |
|  | <b>6th</b>   |   |
|  | <b>7th</b>   | Demonstration of Experiment 02 : Determination of the volume of an hollow cylinder using Vernier Caliper  |
|  | <b>8th</b>   |   |
| <b>3rd</b><br><b>(8-13)</b><br><b>Nov.</b>               | <b>9th</b>   | Conduction of Experiment 02 : Determination of the volume of an hollow cylinder using Vernier Caliper   |
|  | <b>10th</b>  |   |
|  | <b>11th</b>  | Make up Lab and Lab Record Verification   |
|  | <b>12th</b>  |   |
| <b>4th</b><br><b>(15-20)</b><br><b>Nov.</b>              | <b>13th</b>  | Theory of Screw Gauge and Demonstration of Experiment 03 : Determination of the crossectional area of a wire using screw gauge.   |
|  | <b>14th</b>  |   |
| <b>5th</b><br><b>(22-27)</b><br><b>Nov.</b>              | <b>15th</b>  | Conduction of Experiment 03 : Determination of the crossectional area of a wire using screw gauge.  |
|  | <b>16th</b>  |   |
|  | <b>17th</b>  | Demonstration of Experiment o4 : Determination of Volume of a glass lamina using screw gauge.   |
|  | <b>18th</b>  |   |
| <b>6th</b><br><b>(29 Nov.</b><br><b>- 4 Dec.)</b>        | <b>19th</b>  | Conduction of Experiment o4 : Determination of Volume of a glass lamina using screw gauge   |
|  | <b>20th</b>  |   |
|  | <b>21st</b>  | Make up Lab and Lab Record Verification   |
|  | <b>22nd</b>  |   |
| <b>7th</b><br><b>(6-11)</b><br><b>Dec.</b>               | <b>23rd</b>  | Theory of Spherometer and demonstration of Experiment 05 : Determination of Radius of curvature of a convex surface, using spherometer  |
|  | <b>24th</b>  |   |
|  | <b>25th</b>  | Conduction of Experiment 05 : Determination of Radius of curvature of a convex surface, using spherometer   |
|  | <b>26th</b>  |   |
| <b>8th</b><br><b>(13-18)</b><br><b>Dec.</b>              | <b>27th</b>  | Demonstration of Experiment 06 : Determination of Radius of curvature of a concave surface, using spherometer   |
|  | <b>28th</b>  |   |
|  | <b>29th</b>  | Conduction of Experiment 06 : Determination of Radius of curvature of a concave surface, using spherometer  |
|  | <b>30th</b>  |   |
| <b>9th</b><br><b>(20-25)</b><br><b>Dec.</b>              | <b>31st</b>  | Make up Lab and Lab Record Verification   |
|  | <b>32nd</b>  |   |
|  | <b>33rd</b>  | Theory Class on Simple pendulum and demonstration of Experiment 07 : Determination of 'g' by using simple pendulum  |
|  | <b>34th</b>  |   |
| <b>10th</b><br><b>(27 Dec.</b><br><b>-1 Jan)</b>         | <b>35th</b>  | Conduction of Experiment 07 : Determination of 'g' by using simple pendulum   |
|  | <b>36th</b>  |   |
|  | <b>37th</b>  | Theory Class on Magnetic field and lines of forces and demonstration of Experiment 08 : Determination of the neutral point and drawing magnetic lines of force due to a bar magnet when its north pole is facing north. |
|  | <b>38th</b>  |   |

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| <b>11th<br/>(3-8)<br/>Jan</b>   | <b>39th</b> | Conduction of Experiment 08 : Determination of the neutral point and drawing magnetic lines of force due to a bar magnet when its north pole is facing north.   |
|                                 | <b>40th</b> |   |
|                                 | <b>41st</b> | Demonstration of Experiment 09 : Determination of the neutral point and drawing magnetic lines of force due to a bar magnet when its north pole is facing south.  |
|                                 | <b>42nd</b> |   |
| <b>12th<br/>(10-15)<br/>Jan</b> | <b>43rd</b> | Conduction of Experiment 09 : Determination of the neutral point and drawing magnetic lines of force due to a bar magnet when its north pole is facing south.   |
|                                 | <b>44th</b> |   |
| <b>13th<br/>(17-22)<br/>Jan</b> | <b>45th</b> | Theory of Refraction through Prism and demonstration of Experiment 10 : Determination of angle of minimum deviation for a prism and Demonstration of Experiment 11 : Determination of the angle of prism. |
|                                 | <b>46th</b> |   |
|                                 | <b>47th</b> | Conduction of Experiment 10 : Determination of angle of minimum deviation for a prism and Conduction of Experiment 11 : Determination of the angle of prism.  |
|                                 | <b>48th</b> |   |
| <b>14th<br/>(24-29)</b>         | <b>49th</b> | Makeup Lab and Lab Record Verification  |
|                                 | <b>50th</b> |   |

**LESSON PLAN FOR ACADEMIC SESSION 2021-22**

| Discipline :<br>Physics              | Semester: 1st<br>Branch:<br>Civil       | Name of the Teaching Faculty: Abhilash Padhy  |
|--------------------------------------|---|---|
| Subject:<br>Engg. Physics<br>(Th 2A) | No. of Days/per week class allotted: 04 | Semester From date: 25/10/2021 To Date: 31/01/2022<br><br>No. of Weeks: 15  |
| Week                                 | Class Day/Period                        | Topics to be covered  |
| 1st<br>(25-30)<br>Oct.               | 1st                                     | Introduction to Physics and Physical quantities, fundamental and derived units, System of Units (M.K.S. , C.G.S. , F.P.S. , S.I.), Metric Prefixes                      |
|                                      | 2nd                                     | Dimensions and Dimensional formulae, Principle of Homogeneity and Applications of Dimensional Analysis  |
|                                      | 3rd                                     | Unit test- 1 and Doubt Solving  |
|                                      | 4th                                     | Definition and concept of scalar and vector quantities, examples and types of vector, triangle and parallelogram law of vector addition,                                |
| 2nd<br>(1-6)<br>Nov.                 | 5th                                     | resolution of vectors, vector multiplication (scalar and vector product)  |
|                                      | 6th                                     | Unit test- 2 and Doubt Solving  |
|                                      | 7th                                     | concept of rest and motion, definition and concept of displacement, speed, velocity, acceleration, force  |
| 3rd<br>(8-13)<br>Nov.                | 8th                                     | equations of motion under gravity, definition and example of projectile   |
|                                      | 9th                                     | time of flight, maximum height, horizontal range for projectile fired at an angle, condition for maximum horizontal range   |
|                                      | 10th                                    | Problem Practice and Doubt Solving  |
|                                      | 11th                                    | circular motion (angular displacement, velocity, acceleration), relation between linear velocity and angular velocity, relation between linear and angular acceleration |
| 4th<br>(15-20)<br>Nov.               | 12th                                    | Unit test- 3 and Doubt Solving  |
|                                      | 13th                                    | definition and concept of work and torque   |
|                                      | 14th                                    | types of friction (static and dynamic), limiting friction, laws of limiting friction, coefficient of friction   |
|                                      | 15th                                    | Angle of friction and Angle of repose, Methods for reducing friction,   |
| 5th<br>(22-27)<br>Nov.               | 16th                                    | solving simple numericals   |
|                                      | 17th                                    | Unit test- 4 and Doubt Solving  |
|                                      | 18th                                    | explanation of Newton's laws of gravitation, universal gravitational constant   |
|                                      | 19th                                    | acceleration due to gravity, its relation with G and comparison between mass and weight   |
| 6th<br>(29 Nov. - 4 Dec.)            | 20th                                    | variation of g with altitude and depth  |
|                                      | 21st                                    | kepler's laws of planetary motion   |
|                                      | 22nd                                    | Unit test- 5 and Doubt Solving  |
|                                      | 23rd                                    | Definition and example of SHM, expression for displacement, velocity and acceleration of a body in SHM  |
| 7th<br>(6-11)<br>Dec.                | 24th                                    | Definition and example of wave motion, transverse wave and longitudinal wave  |
|                                      | 25th                                    | Definition of different wave parameters (amplitude, wavelength, frequency, time period)   |
|                                      | 26th                                    | Derivation of relation between velocity, frequency and wavelength of a wave.  |
|                                      | 27th                                    | Ultrasonics- definition, properties and applications  |

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|--------------------------------------|-------------|---|
| <b>8th<br/>(13-18)<br/>Dec.</b>      | <b>28th</b> | Unit test- 6 and Doubt Solving  |
|                                      | <b>29th</b> | Heat and Temperature- definition, concept, units  |
|                                      | <b>30th</b> | specific heat, change of state, latent heat   |
|                                      | <b>31st</b> | simple numericals   |
| <b>9th<br/>(20-25)<br/>Dec.</b>      | <b>32nd</b> | Definition and concept of thermal expansion   |
|                                      | <b>33rd</b> | expansion of solids, coefficient of linear, superficial and cubical expansion, relation between alpha, beta, gamma                                    |
|                                      | <b>34th</b> | concept and relation of work and heat, joules mechanical equivalent of heat, first law of thermodynamics  |
|                                      | <b>35th</b> | Unit test- 7 and Doubt Solving  |
| <b>10th<br/>(27 Dec.<br/>-1 Jan)</b> | <b>36th</b> | Definition and laws of reflection and refraction, definition and concept of refractive index  |
|                                      | <b>37th</b> | simple numericals, critical angle and total internal reflection   |
|                                      | <b>38th</b> | refraction through prism (ray diagram and formula)  |
|                                      | <b>39th</b> | Fibre optics: definition, properties and applications   |
| <b>11th<br/>(3-8)<br/>Jan</b>        | <b>40th</b> | Unit test- 8 and Doubt Solving  |
|                                      | <b>41st</b> | definition and concept of Electrostatics<br>statement and explanation of coulomb's law, definition of unit charge, absolute and relative permittivity |
|                                      | <b>42nd</b> | Electric potential, potential difference, electric field, electric field intensity  |
|                                      | <b>43rd</b> | capacitance, series and parallel combination of capacitors, simple numericals   |
| <b>12th<br/>(10-15)<br/>Jan</b>      | <b>44th</b> | magnet, properties of magnet, coulomb's laws in magnetism, unit pole  |
|                                      | <b>45th</b> | magnetic field and magnetic field intensity, magnetic lines of force, magnetic flux and magnetic flux density, numericals                             |
|                                      | <b>46th</b> | Unit test- 9 and Doubt Solving  |
|                                      | <b>47th</b> | electric current: definition, formula and SI units,   |
| <b>13th<br/>(17-22)<br/>Jan</b>      | <b>48th</b> | Ohm's law and its applications  |
|                                      | <b>49th</b> | series and parallel combination of resistors  |
|                                      | <b>50th</b> | simple numericals   |
|                                      | <b>51st</b> | explanation of kirchoff's laws, application of kirchoff's law to wheatstone bridge, balanced WB and condition for balance                             |
|                                      | <b>52nd</b> | Unit test- 10 and Doubt Solving   |
|                                      | <b>53rd</b> | electromagnetism: definition and concept, force acting on a current carrying conductor placed in uniform magnetic field, Fleming's left hand rule     |
| <b>14th<br/>(24-29)<br/>Jan</b>      | <b>54th</b> | Faraday's laws of electromagnetic induction, Lenz's law, Fleming's right hand rule and comparison with Fleming's left hand rule                       |
|                                      | <b>55th</b> | Unit test- 11 and Doubt Solving   |
|                                      | <b>56th</b> | Laser and Laser beam (concept and Definition), Population inversion and Optical pumping, properties and applications of laser                         |
| <b>15th<br/>31st<br/>Jan</b>         | <b>57th</b> | wireless transmission: ground waves, sky waves, space waves   |
|                                      | <b>58th</b> | Unit test- 12 and Doubt Solving   |

**LESSON PLAN FOR ACADEMIC SESSION 2021-22**

| Discipline:<br>Physics                   | Semester: 1st<br>Branch: Civil                   | Name of the Teaching Faculty: Abhilash Padhy  |
|--|--|---|
| Engg.<br>Physics<br>practical<br>(Pr 2A) | No. of<br>Days/per<br>week class<br>allotted: 04 | Semester From date: 25/10/2021 To Date: 31/01/2022<br><br>No. of Weeks: 15  |
| Week                                     | Class Day/<br>Period                             | Topics to be covered  |
| 1st<br>(25-30)<br>Oct.                   | 1st  | Introductory Remarks on Course Structure, Laboratory Criteria,<br>Identification of Various Lab Equipment   |
|  | 2nd  |   |
|  | 3rd  | Theory of Vernier calliper and demonstration of of Experiment 01: Determination of the volume of a solid cylinder using Vernier Caliper   |
|  | 4th  |   |
| 2nd<br>(1-6)<br>Nov.                     | 5th  | Conduction of Experiment 01 : Determination of the volume of a solid cylinder using Vernier Caliper   |
|  | 6th  |   |
| 3rd<br>(8-13)<br>Nov.                    | 7th  | Demonstration of Experiment 02 : Determination of the volume of an hollow cylinder using Vernier Caliper  |
|  | 8th  |   |
|  | 9th  | Conduction of Experiment 02 : Determination of the volume of an hollow cylinder using Vernier Caliper   |
|  | 10th   |   |
| 4th<br>(15-20)<br>Nov.                   | 11th   | Make up Lab and Lab Record Verification   |
|  | 12th   |   |
|  | 13th   | Theory of Screw Gauge and Demonstration of Experiment 03 : Determination of the crossectional area of a wire using screw gauge.   |
|  | 14th   |   |
| 5th<br>(22-27)<br>Nov.                   | 15th   | Conduction of Experiment 03 : Determination of the crossectional area of a wire using screw gauge.  |
|  | 16th   |   |
|  | 17th   | Demonstration of Experiment o4 : Determination of Volume of a glass lamina using screw gauge.   |
|  | 18th   |   |
| 6th<br>(29 Nov.<br>- 4 Dec.)             | 19th   | Conduction of Experiment o4 : Determination of Volume of a glass lamina using screw gauge   |
|  | 20th   |   |
|  | 21st   | Make up Lab and Lab Record Verification   |
|  | 22nd   |   |
| 7th<br>(6-11)<br>Dec.                    | 23rd   | Theory of Spherometer and demonstration of Experiment 05 : Determination of Radius of curvature of a convex surface, using spherometer  |
|  | 24th   |   |
|  | 25th   | Conduction of Experiment 05 : Determination of Radius of curvature of a convex surface, using spherometer   |
|  | 26th   |   |
| 8th<br>(13-18)<br>Dec.                   | 27th   | Demonstration of Experiment 06 : Determination of Radius of curvature of a concave surface, using spherometer   |
|  | 28th   |   |
|  | 29th   | Conduction of Experiment 06 : Determination of Radius of curvature of a concave surface, using spherometer  |
|  | 30th   |   |
| 9th<br>(20-25)<br>Dec.                   | 31st   | Make up Lab and Lab Record Verification   |
|  | 32nd   |   |
|  | 33rd   | Theory Class on Simple pendulum and demonstration of Experiment 07 : Determination of 'g' by using simple pendulum  |
|  | 34th   |   |
| 10th<br>(27 Dec.<br>-1 Jan)              | 35th   | Conduction of Experiment 07 : Determination of 'g' by using simple pendulum   |
|  | 36th   |   |
|  | 37th   | Theory Class on Magnetic field and lines of forces and demonstration of Experiment 08 : Determination of the neutral point and drawing magnetic lines of force due to a bar magnet when its north pole is facing north. |
|  | 38th   |   |

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|---------------------------------|-------------|--|
| <b>11th<br/>(3-8)<br/>Jan</b>   | <b>39th</b> | Conduction of Experiment 08 : Determination of the neutral point and drawing magnetic lines of force due to a bar magnet when its north pole is facing north.    |
|                                 | <b>40th</b> |  |
|                                 | <b>41st</b> | Demonstration of Experiment 09 : Determination of the neutral point and drawing magnetic lines of force due to a bar magnet when its north pole is facing south. |
|                                 | <b>42nd</b> |  |
| <b>12th<br/>(10-15)<br/>Jan</b> | <b>43rd</b> | Conduction of Experiment 09 : Determination of the neutral point and drawing magnetic lines of force due to a bar magnet when its north pole is facing south.    |
|                                 | <b>44th</b> |  |
|                                 | <b>45th</b> | Theory of Refraction through Prism and demonstration of Experiment 10 : Determination of angle of minimum deviation for a prism                                  |
|                                 | <b>46th</b> |  |
| <b>13th<br/>(17-22)<br/>Jan</b> | <b>47th</b> | Conduction of Experiment 10 : Determination of angle of minimum deviation for a prism  |
|                                 | <b>48th</b> |  |
|                                 | <b>49th</b> | Demonstration of Experiment 11 : Determination of the angle of prism.  |
|                                 | <b>50th</b> |  |
| <b>14th<br/>(24-29)<br/>Jan</b> | <b>51st</b> | Conduction of Experiment 11 : Determination of the angle of prism.   |
|                                 | <b>52nd</b> |  |
|                                 | <b>53rd</b> | Makeup Lab and Lab Record Verification   |
|                                 | <b>54th</b> |  |
| <b>15th<br/>31st Jan</b>        | <b>57th</b> | Makeup Lab and Lab Record Verification   |
|                                 | <b>58th</b> |  |