**LESSON PLAN**

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| **Course Name : Engineering Physics Practical****Course Code : Th2(a)****Period/Week : 04****Total Period : 60** | **Name of the Faculty : Rosan Kumar Pardia** **Lect. In Physics****Branch : Civil****Session : 2023-24(W)****Date:16.08.2023-11.12.2023** |

**PHYSICS LABORATORY SCHEDULE**

**GROUPING OF STUDENTS: (ROLL-1 TO 32)**

**Sub-group-1(Roll -1 to 5), Sub-group-2(Roll -6 to 10),Sub-group-3(Roll -11 to 15),Sub-group-4(Roll -16 to 20),Sub-group-5(Roll -21 to 25),Sub-group-6(Roll -26 to 32)**

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| **PERIOD** | **DATE** | **EXPNO.** | **SUB-GROUP-****1** | **SUB-GROUP-2** | **SUB-GROUP-3** | **SUB-****GROUP-****4** | **SUB-GROUP-****5** | **SUB-GROUP-****6** |
| **1-2** | 17.08.2023 |  | 1. To determine volume of solid cylinder by using Vernier Calipers.
2. To determine the cross-sectional area of a wire by using screw gauge.
3. To determine radius of curvature of the given convex surface by using spherometer.
4. To determine the angle of prism.
5. To trace lines of forces due to a bar magnet with north pointing north and locate the neutral points.
6. To verify the ohms law by Ammeter-Voltmeter method.

Theory by Lecturer and demonstration by Lab Assistant**.** |
| **3-4** | 19.08.2023 | **1-6** |
| **5-6** | 24.08.2023 |  |
| **7-8** | 26.08.2023 |  | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law |
| **9-10** | 31.08.2023 |  | Screw gauge (Surface area) | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) |
| **11-12** | 02.09.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **13-14** | 07.09.2023 |  | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) |
| **15-16** | 09.09.2023 |  | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface |
| **17-18** | 14.09.2023 |  | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface | Angle of Prism |
| **19-20** | 16.09.2023 |  | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer(Convex surface | Angle of Prism | Bar magnet (N pointing N) |
| **21-22** | 21.09.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **23-24** | 23.09.2023 |  | 1. To determine volume of hollow cylinder by using Vernier Callipers.
2. To determine thickness and volume of a thin glass plate by using screw gauge.
3. To determine radius of curvature of the given concave surface by using spherometer.
4. To determine time period of simple pendulum and determine acceleration due to gravity.
5. To determine of angle of minimum deviation by I-D curve method.
6. To trace lines of forces due to a bar magnet with North pointing south and locate the neutral points.

Theory by lecturer and demonstration by Lab Assistant. |
| **25-26** | 28.09.2023 |  |
| **27-28** | 30.09.2023 | **7-12** |
| **29-30** | 05.10.2023 |  |
| **31-32** | 07.10.2023 |  |
| **33-34** | 12.10.2023 |  | Vernier calipers (Hollow cylinders) | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) |
| **35-36** | 14.10.2023 |  | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders |
| **37-38** | 19.10.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **39-40** | 26.10.2023 |  | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) |
| **41-42** | 28.10.2023 |  | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) |
| **43-44** | 02.11.2023 |  | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum |
| **45-46** | 04.11.2023 |  | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation |
| **47-48** | 09.11.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **49-50** | 11.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **51-52** | 16.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **53-54** | 18.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **55-56** | 23.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **57-58** | 25.11.2023 |  | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice |
| **59-60** | 30.11.2023 |  | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice |

**GROUPING OF STUDENTS: (ROLL-33 TO 63)**

**Sub-group-7(Roll -33 to 35), Sub-group-8(Roll -36 to 40), Sub-group-9(Roll -41 to 45), Sub-group-10(Roll -46 to 50), Sub-group-11(Roll -51 to 55), Sub-group-12(Roll -56 to 63)**

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| **PERIOD** | **DATE** | **EXP NO.** | **SUB-GROUP-****7** | **SUB-GROUP-****8** | **SUB-GROUP-****9** | **SUB-GROUP-10** | **SUB-GROUP-11** | **SUB-GROUP-12** |
| **1-2** | 21.08.2023 |  | 1. To determine volume of solid cylinder by using Vernier Calipers.
2. To determine the cross-sectional area of a wire by using screw gauge.
3. To determine radius of curvature of the given convex surface by using spherometer.
4. To determine the angle of prism.
5. To trace lines of forces due to a bar magnet with north pointing north and locate the neutral points.
6. To verify the ohms law by Ammeter-Voltmeter method.

Theory by Lecturer and demonstration by Lab Assistant**.** |
| **3-4** | 22.08.2023 | **1-6** |
| **5-6** | 28.08.2023 |  |
| **7-8** | 29.08.2023 |  | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law |
| **9-10** | 04.09.2023 |  | Screw gauge (Surface area) | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) |
| **11-12** | 05.09.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **13-14** | 11.09.2023 |  | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) |
| **15-16** | 12.09.2023 |  | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface |
| **17-18** | 18.09.2023 |  | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface | Angle of Prism |
| **19-20** | 25.09.2023 |  | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface | Angle of Prism | Bar magnet (N pointing N) |
| **21-22** | 26.09.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **23-24** | 03.10.2023 |  | 1. To determine volume of hollow cylinder by using Vernier Callipers.
2. To determine thickness and volume of a thin glass plate by using screw gauge.
3. To determine radius of curvature of the given concave surface by using spherometer.
4. To determine time period of simple pendulum and determine acceleration due to gravity.
5. To determine of angle of minimum deviation by I-D curve method.
6. To trace lines of forces due to a bar magnet with North pointing south and locate the neutral points.

Theory by lecturer and demonstration by Lab Assistant. |
| **25-26** | 09.10.2023 |  |
| **27-28** | 10.10.2023 | **7-12** |
| **29-30** | 16.10.2023 |  |
| **31-32** | 17.10.2023 |  |
| **33-34** | 30.10.2023 |  | Vernier calipers (Hollow cylinders) | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) |
| **35-36** | 31.10.2023 |  | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders |
| **37-38** | 06.11.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **39-40** | 07.11.2023 |  | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) |
| **41-42** | 13.11.2023 |  | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) |
| **43-44** | 14.11.2023 |  | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum |
| **45-46** | 20.11.2023 |  | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation |
| **47-48** | 21.11.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **49-50** | 28.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **51-52** | 04.12.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **53-54** | 05.12.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **55-56** | 05.12.2013 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **57-58** | 11.12.2023 |  | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice |
| **59-60** | 11.12.2023 |  | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice |

**LESSON PLAN**

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| --- | --- |
| **Course Name : Engineering Physics Practical****Course Code : Th2(a)****Period/Week : 04****Total Period : 60** | **Name of the Faculty : Rosan Kumar Pardia** **Lect. In Physics****Branch : Mechanical****Session : 2023-24(W)****Date:16.08.2023-11.12.2023** |

**PHYSICS LABORATORY SCHEDULE**

**GROUPING OF STUDENTS: (ROLL-1 TO 32)**

**Sub-group-1(Roll -1 to 5), Sub-group-2(Roll -6 to 10),Sub-group-3(Roll -11 to 15),Sub-group-4(Roll -16 to 20),Sub-group-5(Roll -21 to 25),Sub-group-6(Roll -26 to 32)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PERIOD** | **DATE** | **EXPNO.** | **SUB-GROUP-****1** | **SUB-GROUP-2** | **SUB-GROUP-3** | **SUB-****GROUP-****4** | **SUB-GROUP-****5** | **SUB-GROUP-****6** |
| **1-2** | 16.08.2023 |  | 1. To determine volume of solid cylinder by using Vernier Calipers.
2. To determine the cross-sectional area of a wire by using screw gauge.
3. To determine radius of curvature of the given convex surface by using spherometer.
4. To determine the angle of prism.
5. To trace lines of forces due to a bar magnet with north pointing north and locate the neutral points.
6. To verify the ohms law by Ammeter-Voltmeter method.

Theory by Lecturer and demonstration by Lab Assistant**.** |
| **3-4** | 17.08.2023 | **1-6** |
| **5-6** | 23.08.2023 |  |
| **7-8** | 24.08.2023 |  | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law |
| **9-10** | 31.08.2023 |  | Screw gauge (Surface area) | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) |
| **11-12** | 07.09.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **13-14** | 13.09.2023 |  | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) |
| **15-16** | 14.09.2023 |  | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface |
| **17-18** | 21.09.2023 |  | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface | Angle of Prism |
| **19-20** | 27.09.2023 |  | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer(Convex surface | Angle of Prism | Bar magnet (N pointing N) |
| **21-22** | 28.09.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **23-24** | 04.10.2023 |  | 1. To determine volume of hollow cylinder by using Vernier Callipers.
2. To determine thickness and volume of a thin glass plate by using screw gauge.
3. To determine radius of curvature of the given concave surface by using spherometer.
4. To determine time period of simple pendulum and determine acceleration due to gravity.
5. To determine of angle of minimum deviation by I-D curve method.
6. To trace lines of forces due to a bar magnet with North pointing south and locate the neutral points.

Theory by lecturer and demonstration by Lab Assistant. |
| **25-26** | 05.10.2023 |  |
| **27-28** | 11.10.2023 | **7-12** |
| **29-30** | 12.10.2023 |  |
| **31-32** | 18.10.2023 |  |
| **33-34** | 19.10.2023 |  | Vernier calipers (Hollow cylinders) | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) |
| **35-36** | 25.10.2023 |  | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders |
| **37-38** | 26.10.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **39-40** | 01.11.2023 |  | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) |
| **41-42** | 02.11.2023 |  | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) |
| **43-44** | 08.11.2023 |  | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum |
| **45-46** | 09.11.2023 |  | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation |
| **47-48** | 15.11.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **49-50** | 16.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **51-52** | 22.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **53-54** | 23.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **55-56** | 29.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **57-58** | 30.11.2023 |  | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice |
| **59-60** | 06.12.2023 |  | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice |

**GROUPING OF STUDENTS: (ROLL-33 TO 63)**

**Sub-group-7(Roll -33 to 35), Sub-group-8(Roll -36 to 40), Sub-group-9(Roll -41 to 45), Sub-group-10(Roll -46 to 50), Sub-group-11(Roll -51 to 55), Sub-group-12(Roll -56 to 63)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PERIOD** | **DATE** | **EXP NO.** | **SUB-GROUP-****7** | **SUB-GROUP-****8** | **SUB-GROUP-****9** | **SUB-GROUP-10** | **SUB-GROUP-11** | **SUB-GROUP-12** |
| **1-2** | 21.08.2023 |  | 1. To determine volume of solid cylinder by using Vernier Calipers.
2. To determine the cross-sectional area of a wire by using screw gauge.
3. To determine radius of curvature of the given convex surface by using spherometer.
4. To determine the angle of prism.
5. To trace lines of forces due to a bar magnet with north pointing north and locate the neutral points.
6. To verify the ohms law by Ammeter-Voltmeter method.

Theory by Lecturer and demonstration by Lab Assistant**.** |
| **3-4** | 22.08.2023 | **1-6** |
| **5-6** | 28.08.2023 |  |
| **7-8** | 29.08.2023 |  | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law |
| **9-10** | 04.09.2023 |  | Screw gauge (Surface area) | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) |
| **11-12** | 05.09.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **13-14** | 11.09.2023 |  | Spherometer (Convex surface) | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) |
| **15-16** | 12.09.2023 |  | Angle of Prism | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface |
| **17-18** | 18.09.2023 |  | Bar magnet (N pointing N) | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface | Angle of Prism |
| **19-20** | 25.09.2023 |  | Ohms law | Vernier calipers (solid cylinders) | Screw gauge (Surface area) | Spherometer (Convex surface | Angle of Prism | Bar magnet (N pointing N) |
| **21-22** | 26.09.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **23-24** | 03.10.2023 |  | 1. To determine volume of hollow cylinder by using Vernier Callipers.
2. To determine thickness and volume of a thin glass plate by using screw gauge.
3. To determine radius of curvature of the given concave surface by using spherometer.
4. To determine time period of simple pendulum and determine acceleration due to gravity.
5. To determine of angle of minimum deviation by I-D curve method.
6. To trace lines of forces due to a bar magnet with North pointing south and locate the neutral points.

Theory by lecturer and demonstration by Lab Assistant. |
| **25-26** | 09.10.2023 |  |
| **27-28** | 10.10.2023 | **7-12** |
| **29-30** | 16.10.2023 |  |
| **31-32** | 17.10.2023 |  |
| **33-34** | 30.10.2023 |  | Vernier calipers (Hollow cylinders) | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) |
| **35-36** | 31.10.2023 |  | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders |
| **37-38** | 06.11.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **39-40** | 07.11.2023 |  | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) |
| **41-42** | 13.11.2023 |  | Simple pendulum | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) |
| **43-44** | 14.11.2023 |  | Prism Minimum deviation | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum |
| **45-46** | 20.11.2023 |  | Bar magnet (North-South &NP) | Vernier calipers (Hollow cylinders | Screw gauge (thickness) | Spherometer (Concave surface) | Simple pendulum | Prism Minimum deviation |
| **47-48** | 21.11.2023 |  | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice | Practical writing and viva-voice |
| **49-50** | 28.11.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **51-52** | 04.12.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **53-54** | 05.12.2023 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **55-56** | 05.12.2013 |  | Practice session | Practice session | Practice session | Practice session | Practice session | Practice session |
| **57-58** | 11.12.2023 |  | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice |
| **59-60** | 11.12.2023 |  | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice | Viva-voice |

**Signature of the Faculty** **Signature of the HOD**