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| **WEEKLY PLAN****Indian School Al WadiAl Kabir – Syllabus break up for August 2018 to March 2019****Engineering Graphics** |
| **Class 11****EG** | **Week1 (1-2)** | **Week2 (5-9)** | **Week3 (12-16)** | **Week4 (19-23)** | **Week5(26-30)** |
| **AUGUST****( 1-30)****THEORY** | Submission and checking of holiday assignments.**Unit 4:Orthographic projections of regular solids.**Introduction:Explanation of four quadrants | PointsLinesViews of an object.Orthographic projectionStandard method of orthographic projection | Projection of points,lines and plane figures in 1st and 3rd angle method of projections.Introduction to orthographic projection of Regular solids.. | DefinitionsVertical prismsVertical pyramidsHorizontal solids with axis at right angles to V.P.Horizontal solids with axis parallel to V.P. | Solids inclined to V.P.Solids inclined to H.P.Frustums of solids.Location of a pointAuxiliary projection. |
| **Practicals****(1-30)** |  | Development of surfaces with chart papers.Development of Prisms:Square prism | Development of surfaces with chart papers.Development of Prisms:Cube | Development of surfaces with chart papers.Development of Prisms:cuboid | Development of surfaces with chart papers.Development of Prisms:Triangular Prism. |
| **SEPTEMBER** **(2-30)** | **Week 1(2-6)** | **Week2 (9-13)** | **Week 3 (16-20)** | **Week 4 (23-27)** | **Week 5(30)** |
| **THEORY** | **Unit 5: Sectional Projection of Regular Solids**Introduction:Sectional Projection of vertical solids. | Sectional Projection of horizontal solids.Revision for Assessment 1Assessment 1 starts on 12.09.18 | Assessment 1 | Assessment 1 | Assessment 1 |
| **Practicals** |

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| Development of surfaceswith chart papers.Development of Prisms:Hexagonal PrismRevision & Assessment1  Practical Exams |

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| **OCTOBER****(1-31)** | **WEEK 1 (1-4)** | **WEEK 2 (7-11)** | **WEEK 3 (14-18)** | **WEEK 4 (21-25)** | **WEEK 5 (28-31)** |
| **THEORY** | Sectional projections of horizontal solids with axis at right angles to V.P.Sectional projections of horizontal solids with axis parallel to V.P. | Sectional projection of solids inclined to V.P.Sectional projection of solids inclined to H.P. | True shape of the section.Different types of true shapes and methods to construct it. | **Unit 6:****Orthographic projection of simple machine blocks**.Introduction:Construction of front view ,top view & side view with different machine blocks | Construction of machine block 1Machine block 2Machine block 3Machine block 4Machine block 5 |
| **PRACTICALS** | Development of surfaces with chart papers.Development of Prisms:Pentagonal prism | Development of surfaces with chart papers.Development of Right circular cylinder | Development of surfaces with chart papers.Development of PyramidsSquare pyramid | Development of surfaces with chart papers.Development of Pyramid:Triangular pyramid. | Development of surfaces with chart papers.Development of Pyramid:Hexagonal pyramid. |
| **NOVEMBER****(1-30)** | **WEEK 1 (1)** | **WEEK 2(4-8)** | **WEEK 3 (11-15)** | **WEEK 4 (18-22)** | **WEEK 5 (25-29)** |
| **THEORY** | Machine block 6 | Machine block 7Machine block 8Machine block 9Machine block 10 | Machine block 11Machine block 12Machine block 13Machine block 14 | Machine block 15Machine block 16Machine block 17Machine block 18 | Machine block 19Machine block 20Machine block 21Machine block 22 |
| **PRACTICALS** | Development of surfaces with chart papers.Development of Pyramids:Pentagonal pyramid | Development of surfaces with chart papers.Development of right circular Cone | All development of surfaces Should be constructed in drawing sheet . | Construction in drawing sheet | Construction in drawing sheet. |
| **DECEMBER****(2-31)** | **WEEK 1 (2-6)** | **WEEK 2 (9-13)** | **WEEK 3 (16-20)** | **WEEK 4 (23-27)** | **WEEK 5(30-31)** |
| **THEORY** | Machine block 23Machine block 24Machine block 25 | Revision for Assessment 2Assessment 2 starts On 11-12-18 | Assessment 2 | WINTERBREAK | WINTER BREAK |
| **PRACTICALS** | Revision & Assessment 2 Practical Exams |  |  |  |  |
| **JANUARY****(1-31)** | **WEEK 1 (1-3)** | **WEEK 2(6-10)** | **WEEK 3 (13-17)** | **WEEK 4 (20-24)** | **WEEK 5(27-31)** |
| **THEORY** | **WINTER BREAK** | **WINTER BREAK** | **Unit 7:Isometric Projections**Introduction:Construction of isometric scale showing main divisions of 10 mm and smaller divisions of 1 mm each, | Isometric Projections of figures such as :TrianglesSquaresPentagonHexagon | Isometric Projection of :CirclesSemi circlesAll figures withtheir surface parallel to HP or VPPerpendicular to HPOr VP. |
| **PRACTICALS** |  |  | Construction in drawing sheet | Completion of all Practicals. |  |
| **FEBRUARY****(3-28)** | **WEEK 1 (3-7)** | **WEEK 2 (10-14)** | **WEEK 3 (17-21)** | **WEEK 4 (24-28)** |  |
| **THEORY** | **Unit 8:Development of** **Surfaces**Introduction:All PrismsAll pyramidsRight circular cylinder &Cone.Completion of Syllabus Both theory & practicals. | Revision classesFor Final Assessment | Final Assessment starts on 19.02.19 | Final Assessment |  |
| **PRACTICALS** | Final Assessment for Practicals |  |  |  |  |
| **MARCH** | **WEEK 1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** |
| **THEORY** |  | **Class 12 starts on** **13.03.19** |  |  |  |

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