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| WEEKLY PLANIndian School Al Wadi Al Kabir - Syllabus break up for MARCH 2018 –  **Engineering Graphics** |
| Class 12EG | Week1  | Week2  | Week3 (14-15) | Week4(18-22) | Week5(25-29) |
| **MARCH****( 14 – 29)** |  |  | **Isometric Projection**Introduction:Isometric Projection of Prisms | Isometric Projection of PyramidsIsometric Projection of Cone and Cylinder | Isometric Projection of FrustumsCombination of Solids |
| **PRACTICALS** * Introduction to collabcad software
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| **APRIL****(1-30)** | **(1 – 5)****Machine Drawing**Types of ThreadsTypes of BoltsTypes of NutsWasher | **(8-12)**Combination of Bolt,nut and washer for Assembling two parts together**.**Rivets and Riveted joints | **(15-19)**Conventional representation of threads.StudsTypes of sunk keysMachine screws | **(22-26)****Bearings**Classification of bearingsBushed bearingOpen bearing | **(29-30)**Plummer blockFoot step bearing or Pivot bearing**.** |
| **PRACTICALS*** Model making using plasticine or thermocol
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Syllabus break up for APRIL 2018

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| Syllabus break up for MAY 2018 |
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| **MAY (01 – 31)** | **(1-3)****ROD JOINTS**Cotter jointSleeve and cotter jointSocket and spigot joint | **(6-10)**Knuckle Joint or Pin joint.GIB and cotter joint Assembling and Dissembling of cotter joints | **(13-17)****Introducion to CollabCAD software.****Tie Rod and Pipe joints**Introduction:Tie rod joints and its details. | **(20-24)****UNIT TEST** | **(27-31)****UNIT TEST** |
| PRACTICALS* Drawing of machine blocks using collabcad software
* Machine block making
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| **SUMMER BREAK (From 03.06.18 to 31.07.18)** |