Indian School Al Wadi Al Kabir - Syllabus break up for

**MARCH TO MAY 2019**

**ENGINEERING GRAPHICS**

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| **CLASS 12**  **ENGG.GRAPHICS** | **WEEK 1** | **WEEK 2** | **WEEK 3**  **(13,14)** | **WEEK 4**  **( 17 to 21)** | **WEEK 5**  **(24 to 28)** |
| **March**  **(13.03.19**  **to 31.03.19)** |  |  | **Isometric Projection**  Introduction:  Isometric Projection of Prisms | Isometric Projection of Pyramids  Isometric Projection of Cone and Cylinder | Isometric Projection of Frustums  Combination of Solids |
| **April**  **(01.04.19**  **to 30.04.19)** | **(1 to 4)**  **Machine Drawing**  Types of Threads  Types of Bolts | **(7 to 11 )**  Types of nuts & washer  Combination of Bolt,nut and washer for Assembling two parts together**.** | **(14 to 18)**  Rivets and Riveted joints  Conventional representation of threads. | **(21 to 25)**  Studs  Types of sunk keys:  Woodruff key  Double headed feather key  CSK key | **(28 to 30)**  Machine screws:  Round cup head  Cheese head  CSK head  Grub screw |
| **May**  **(01.05.19**  **to 30.05.19)** | **(1 to 2 )**  **Bearings**  Classification of bearings  Introduction: | **(5 to 9)**  Introduction to bushed bearing:  Assembling of bushed bearing | **(12 to 16)**  Disassembling of bushed bearing | **(19 to 23)**  Introduction to open bearing  Assembling of open bearing  **UNIT TEST 1** | **(26 to 30 )**  Disassembling of open bearing |
| **LAB TOPICS: March to May**  Thermocol modeling and collabcad presentation (6 models should be completed) | | | | | |

Prepared by the class coordinator: Ms. Aiswarya HOD - SCIENCE