**QUEST FOR NEW AGE CAD-er**

**FOCUS:-**Imagine a new concept and convert your concept into a 3D model in Solid Works software.

**STEPS:-**1) Basic MCQ round on Engineering drawing. (1st day)(20 questions 20 minutes)

2) Creating a 3D Model in Solid Works software from a given 3D live object. (1st day)(Object will be given and participants are required to draw the front, top and side view) (Drafting with measurements).

3) Imagine a theme/concept over a given problem (2nd day), grouping will be done by lottery system on 1st day itself.

For example-Suppose you are needed to design an auditorium(within permissible space). In this case the following shall be considered:-the seating arrangement, the entry and exit to the auditorium, the emergency exit, proper ventilation system, the placement of the screen.

a) 3D sketch(isometric view) with pencil. (measurements must be included which will carry marks)

b) Reproducing the same in Solid Works.

**ELIGIBILITY:-** All departments. All years.

**WORKSHOP:-**1) 1 hr 30 min for 1st year+ e-tutorials (20 approx.)

2) 1 hr 30 min for 2ndyear+ e-tutorials(20 approx.)

3) 1 hr 30 min for 3rdyear+ e-tutorials(20 approx.)

**OUTCOMES:-** It will develop crisis management capability and also it will improve one’s spot thinking ability which will further help them to take decisions in various management areas.

**REQUIREMENTS**– A4 sheet, pencil, erasers, pen, sharpner, objects.