



**Walchand Institute of Technology, Solapur  
(An Autonomous Institution)  
Department of Civil Engineering  
Organizes**

## **‘Civil WITchar- 2026’**

### **Name of Event: - DreamCAD**

- Participation maximum:- 2 per team
- Only for Undergraduate Students of any college (Student ID verification will be done).

#### **Problem Statement**

Participants shall plan, design, and draft a hospital building (approx. 50 to 100 bedded capacity) using AutoCAD. The design must be functionally efficient, code-compliant, and architecturally presentable, with special emphasis on:

- Patient, staff, and emergency circulation
- Zoning of medical facilities
- Accessibility and safety
- Clarity and precision in drafting

The detailed area statement and specific requirements will be disclosed 10 minutes before the commencement of the competition.

Participants must prepare the following AutoCAD drawings:

1. Detailed Floor Plans (with furniture/bed layout)
2. Front Elevation
3. Sectional Elevation

All drawings must be dimensioned, labeled, and properly layered.

**Time Duration** – 3 hours (planning & drafting) and 10 minutes is the buffer time to read and understand the problem statement and to overcome any network issue during submission.

**Registration Fee-** 150/- per participant

#### **Submission**

You have to submit only 1 PDF file and 1 DWG file

- a) The submission of the drawing shall be done in pdf format and AutoCAD file (dwg format with AutoCAD 2020 or lower version)
- b) Put your details and all credentials (for example: full name, Institute name, and other details) in the bottom right corner of your drawing
- c) Rename the file as <your name>\_DreamCAD\_WITchar2026
- d) No submission will be accepted after the given time duration

#### **Assessment and Evaluation Methodology:**

The candidate will be assessed on the following parameters:

- a) The assessment will be based on functional planning and zoning (25 %)
- b) Compliance with planning principles & bye-laws (25 %)
- c) AutoCAD drafting skills (30 %)
- d) Layer management, blocks and presentation (20 %)

**Note-**

- 1) The student must be present during the evaluation
- 2) Use of AutoCAD commands like layers, line-weight, line-type color, blocks, etc. will carry more weightage.

**For Details Contact:**

**Faculty Coordinator: Mr. P.V. Dhanshetti (9890637119)**

**Student Coordinators: Mr. Awatade Mayur Sudarshan (SY Civil)-8856939323, & Miss. Sayli Nagnath Maske (TY Civil)-8208106944**