



Two-day Workshop on
**Role of Latest Civil Engineering Software in Urban
Development**

Date: 15-16 September-2023



Collaborated with



SOPAN Institute of Engineering & Design (SIED)

Patron:
Dr. P. P. Kotak (Principal, SSGP-Surat)

Co-Patron:
Miss. B. H. Goyal (HOD, Metallurgy, SSGP-Surat)

Convener:
Mr. D. P. Rao
(HOD, Civil Engineering Department, SSGP-Surat)

Co-Ordinator:
Mr. SAGAR. V. NIMAVAT

Committee Member:
Mr. N. G. Mahajan
Mr. V. S. Rajput
Mr. M. G. Shaikh
Mr. N. K. Ribinwala
Mr. V. J. Vadiwala
Miss. Khushbu. R. Raval
Miss. Kartilagauri. D. Uchdadiya

Organized By:
Civil Engineering Department
**Dr. S & S. S. Ghandhy College of Engineering and
Technology, Surat**

WHO CAN PARTICIPATE?

The Workshop is **free** and **open for all** the Civil Engineering diploma students

OBJECTIVE OF WORKSHOP:

Computer Aided Drafting is invariably used for Civil Engineering Drawing and visual representation before actual construction. With advancement in Building Technology, new features have been introduced in structures. Further structural design has also been modernized. This has further increased the importance of drawing and drafting software's which help in visualizing the structures thus increasing the understanding. Civil Engineering Drawing, the language of a Civil Engineer helps him in efficiently representing engineering details like plan, elevation, section, foundation, building elements, etc. Computer Aided Drafting tools like AUTOCAD, REVIT, SKETCHUP have made civil engineering drawing simple, easy to represent details and time saving.

OUTCOME OF WORKSHOP:

Participant will able to:

- Prepare detailed 2D drawing of building components (beam, slab, column and footing), plan, elevation and section drawings required for civil engineering activities using advance tools AutoCAD and basic tools of REVIT software.
- Prepare basic 3D drawing of a small building.

SCHEDULE OF WORKSHOP:

Sr. NO.	Date	Time	Topic	Venue
1	15-09-2023	10:30 AM to 11:30 AM	Inauguration	Seminar Hall, Admin Building, SSGP-Surat
2	15-09-2023	11:30 AM to 1:30 PM	Theory: Auto Cad 2D- 3D	Seminar Hall, Admin Building, SSGP-Surat
3	15-09-2023	2:30 PM to 4:30 PM	Theory: REVIT- SKETCHUP	Seminar Hall, Admin Building, SSGP-Surat
4	16-09-2023	9:00 AM TO 11:00 AM 11:30 AM to 1:30 PM 2:00PM to 4:00 PM	Practical Session: 30 Students Per Each Session	SIED 2C, 2nd Floor, Dr. Mansukhlal Tower, beside Vanita Vishram College, opposite Dhiraj Sons, Athwa Gate, Surat

EXPERT:

1. **Mr. Keyur Chavda:** Education Manager Sopan Infotech (25 Years of education and Field Experience).
2. **Mr. Suraj Rathod:** Senior Application Engineer, SIED (8 Years of experience in Education Field)