

Eligibility:

- Degree/Diploma in Civil or Architecture (completed or pursuing)
- ITI in Civil / Architecture / Construction
- Professional Engineer

Registration Details:

Last Date for Registration: 25/01/2024

Course Commencing From: 01/02/2024

Duration: 50 Hours (Offline Mode)

Venue:

C-Building, BAPUGKV Campus,
Vasan

Registration Fees: Rs.7000/-
Payment details & QR Code:



Punjab National Bank

IFSC Code:-PUNB0749500

Account No.:-7495002100000048

Registration: <https://forms.gle/Dkjvgv7Hm6g16uNS8>



CHIEF PATRON

Shri Shankersinh L.Vaghela, Chairman

Shri Mahendrasinh S. Vaghela, Trustee

Shri Bharatsinh S. Vaghela, Trustee

CONVENER

Dr. Kinjal Adhvaryu

Principal, SVBIT

COURSE COORDINATORS

Prof. Jay Pandya

Assistant Professor, SVBIT

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Prof. Mittal Patel

Head & Assistant Professor, SVBIT

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GTU-CCE COORDINATOR

Prof. Mahesh Panchal Assistant

Professor, GTU-GSET

RESOURCE PERSON

Mr. Harshil Shah

Director, Symmetric

CAD Solutions Pvt. Ltd.

**GUJARAT
TECHNOLOGICAL
UNIVERSITY
CENTRE FOR CONTINUING
EDUCATION
(GTU-CCE) CERTIFIED**



SHORT TERM TRAINING COURSE

ON

**“ADVANCE BUILDING
INFORMATION
MODELLING (BIM) USING
AUTODESK REVIT”**

Organized By



**Shankersinh Vaghela Bapu
Institute of Technology**

About Institute

Shankersinh Vaghela Bapu Institute of Technology (SVBIT) was established in the year 2009 with the approval of AICTE and affiliated to Gujarat technological University (GTU). SVBIT works with a view to provide opportunity to the aspirants, especially in Gujarat for their training in technical education and to provide consultancy and testing facilities to the industries / organizations located in this area and to join hands with Govt. of India in generation of technical man power. For the accomplishment of this noble task, the college has been making consistent efforts with the help of innovative and committed technical and non-technical staff members and the students for the growth and progress.

About Gujarat Technological University

Gujarat Technological University is a premier academic & research institution which has driven new ways of thinking since its 2007 founding, established by the Government of Gujarat vide Gujarat Act NO. 20 of 2007. Today, GTU is an intellectual destination that draws inspired scholars to its campus, keeping GTU at the nexus of ideas that challenge and change the world. GTU is a State University with 486 affiliated colleges in its fold operating across the state of Gujarat through its Five zones at Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot and Surat. The University caters to the fields of Engineering, Architecture, Management, Pharmacy and Computer Science. The University has about 4,00,000, students enrolled in a large number of Diploma, Under Graduate, Post Graduate programs along with the robust Doctoral program.

Objective of GTU-CCE Course

Revit software brings tools to support architectural designers, MEP engineers, structural engineers, and constructors. Revit is specially designed for BIM (Building Information Modelling) to design, build, and maintain higher-quality, and energy-efficient building designs. Complete features make this tool an ideal solution for the whole building project team.

Outcomes of GTU-CCE Course

- Student will learn to develop higher-quality, more accurate architectural designs; use tools specifically built to support Building Information Modelling workflows.
- Students will learn to capture and analyse concepts, and maintain your vision through design, documentation, and construction.
- Students will learn to create/manage the structural analytical model, automatically update your model with analysis results and improve BIM-based building performance workflows.
- Student will learn to create Architectural Elevations along with Floor plans, Structural Design with reinforcement and 3D Rendering with realistic textures.

Benefits to Participant

- 100% hands-on training.
- Certificate holder will have advantages to get placement in Multi Installation Pvt. Ltd., Symmetric CAD Solutions Pvt. Ltd., Structural Engineering Firm, etc.
- Certificate will be given by GTU after successful completion of course.

Course Contents

Architectural BIM :

- LEVEL & GRID, MODEL LINE CREATION
- WALL, ROOF, FLOOR & SLAB CREATION
- CREATION OF CEILING, FURNITURE, STAIR, RAILING & RAMP
- DETAILING & DRAFTING VIEWS
- IMPORT, EXPORT & LINKING FILES

Structural BIM :

- COLUMNS, SLAB, FOUNDATION, BEAM AND TRUSSES
- REINFORCEMENT, LAYOUT AND RENDERING
- MATERIAL & TEXTURE

Note:

1. Minimum passing marks 40% out of 100 in both External and Internal.
2. Grades are to be based on marks out of 100 as per:

Marks (Out of 100)	Grade
85-100	A
70-84	B
55-69	C
40-54	D

Contact Details

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