

One Week Faculty Development
Program (Online) on
**BUILDING INFORMATION
MODELING (BIM)
USING REVIT
ARCHITECTURE SOFTWARE**

on 24th to 29th May, 2021



AUTODESK®
REVIT®



BIM

CONDUCTED BY



Skill AP
APSSDC

Andhra Pradesh State
Skill Development Corporation
Government of Andhra Pradesh

www.kluniversity.in

ABOUT KLEF:

KL Deemed to be University was established in 1980-81, as KL College of Engineering, which was upgraded to KL College of Engineering Autonomous in 2006 by UGC and was declared as a Deemed to be University in 2009 by UGC, MHRD Govt. of India. In 2012 as a Deemed to be University, the institution was accredited by NAAC with A Grade and later in 2018, was re-accredited by NAAC with A++ grade. In 2019 UGC, MHRD declared this institution as Category I Institution. The institutes remain indebted to the leadership of our late co-founder Er. Koneru Lakshmaiah, and our Founder Er. Koneru Satyanarayana, both of whose vision has helped in creating this abode of learning, which has emerged as one of the elite institutes of the nation.

ABOUT THE DEPARTMENT:

The Department of Civil Engineering was established in 1980 with an intake of 60 students and 5 Faculty. The department has been successful in producing excellent and well-trained graduates. Today we have 300 Students (UG & PG) and 31 faculty members drawn from premium institutes throughout India, four are Professors, eleven Associate Professors and thirty are Assistant Professors. The departmental activities embrace Testing, Planning, Design, Construction and Management. The Department is offering Courses for Undergraduate program in Civil Engineering, Post graduate Programs in Structural Engineering, Construction Technology and Management, and Geotechnical Engineering. The department has well equipped laboratories catering to all major areas of research. The department offers Ph. D in different specialization of Civil Engineering.

ABOUT APSSDC:

Andhra Pradesh State Skill Development Corporation (APSSDC) is a unique organization formed as a Public-Private Partnership (PPP) corporation to promote skill-development & entrepreneurship in the state of Andhra Pradesh. The corporation is as a Section-8 company (not-for-profit) with a private equity component of 51% and 49% by Govt of AP. The Corporation now serves as the "Executive Agency" for the newly formed Department of Skill Development, Entrepreneurship, and Innovation. APSSDC also serves the important task of providing

high-quality skilled manpower as part of the "Knowledge and Skills Mission" of GoAP, which is one of the cross-cutting missions among the seven missions formed by the govt to facilitate double-digit growth of the state.

ABOUT THE FACULTY DEVELOPMENT PROGRAM:

Immersive technologies are starting to move into the engineering and construction industry and there has been a strong uptake in the use of them for viewing 3D BIM models. BIM has encouraged the industry to create high fidelity, data rich 3D models but although these models can appear photorealistic and amazing flythroughs can be created, it is immersive technology that can really enhance how you visualize a project.

Revit BIM (Building Information Modelling) software to drive efficiency and accuracy across the project lifecycle, from conceptual design, visualisation and analysis to fabrication and construction.

OBJECTIVES OF THE FDP:

- ✓ To enable participants to create full 3D architectural project models and set them up in working drawings.
- ✓ To provide a forum to exchange views, ideas & the latest innovations.
- ✓ To offer learning on basics, emerging trends & challenges.
- ✓ To improve faculty ability in carrying out research, testing & consultancy.
- ✓ To focuses on basic tools that most users need to work with Revit Architecture

OUTCOME OF THE FDP:

- ✓ Revit BIM software provides architects and designers with the tools they need to develop accurate, higher-quality architectural designs.

TARGETED AUDIENCE:

Participation in this FDP is open to the academicians, research scholars, students, and participants from industry with basic civil engineering knowledge from academic and research institutes.

CHIEF PATRONS:

Sri. Er. Koneru Satyanarayana Garu, Honorable President, KLEF

Sri. Koneru Lakshman Havish, Vice President, KLEF

Sri. Koneru Raja Harin, Vice President, KLEF

Sri. Challa Madhusudan Reddy, Chairman - APSSDC

Sri. Nallaparaju Bangara Raju, MD & CEO – APSSDC

Dr. D.V.Rama Koti Reddy, Executive Director – APSSDC

PATRONS:

Dr. S.S. Mantha, Chancellor, KL

Dr. Edara Venkat, Pro Chancellor, KL

Dr. N. Venkatram, Pro-Vice Chancellor, KL

Dr. Y.V.S.S.S.V. Prasada Rao, Registrar, KL

Dr. K. Subba Rao, Principal, College of Engineering, KL

Dr. A. Srinath, Dean Skill Development & Principal Academic Staff College, KL

Dr. Ravi Gujjula, Chief General Manager, APSSDC

CHAIRPERSON

Dr. Ch. Hanumantha Rao, HOD-CE, KL

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Mrs. B. S. S. Ratnamala Reddy, Asst Prof, CE

REGISTRATION FEE : Rs.300/-

REGISTRATION LINK : <https://tiny.one/KLFDPREVIT>

ACCOUNT DETAILS : A/C No: 62310916292
Account Name : Registrar, KLEF
IFS Code : SBIN0021361
Branch: Vaddeswaram, Guntur-522 502

*E- Certificate will be provided to all the participants

SUBMISSION LAST DATE : 22nd May 2021

COURSE CONTENT:

1.	Introduction to Building Information Modeling & Revit Architecture
2	Placing Walls, Doors & windows, Family Files (Components), Modify Tools & Managing Views by Project Browser
3.	Properties Palette, Creating New Materials, Roof, Floor
4.	Different Types of Openings, Staircase, Ramp, Railing, Annotations
5.	Creating Section Views, 3-D Views, Model Text, Paint, Massing & Site
6.	Schedules, Page Layout, Documentation, Project Submission

RESOURCE PERSONS

- ✓ S. Juberia, Technical Skill Trainer, APSSDC.
- ✓ N. Naga Sai, Civil Coordinator, APSSDC

For Details Contact:

Mr. Tadanki Venkat Das,
Asst. Prof, Dept of Civil, KL
Ph: +91-9177775148
E-Mail: venkat.d113@kluniversity.in

Mr. K.J. Brahma Chari,
Asst. Prof, Dept of Civil, KL
Ph: +91-9703345789
E-Mail: chari.k285@kluniversity.in