



**Workshop on**  
**Structural Members Establishment for Building Structure**  
**CUTM, PKD**

Date: **20<sup>th</sup> September 2020**

Resource Person:

**Mr. Rahul Singh**

**Project Executive, Gram Tarang Technologies**  
**Centurion University of Technology & Management**

**No. of Participants: 10**

**Resource Person:**

Mr. Rahul Singh is working as Project Executive in Gram Tarang Technologies at Centurion University of Technology & Management, Odisha. He has been associated in several real time projects based on 3D modelling Structures across the country. He has been a professional trainer of the software like 3D Experience by Dassault system, Catia, Ansys etc.

**Detailed report of the Workshop:**

The Civil Engineering Department CUTM, Paralakhemundi, Odisha have organized a Workshop on 22<sup>nd</sup> September 2020 on “**Structural Members Establishment for Building Structure**”. The session was conducted in online mode. 10 participants of Civil Engineering department have participated in the Webinar. Mr. Rahul Singh, Project Executive, Gram Tarang Technologies, Centurion University of Technology & Management, Bhubaneswar Campus was invited as the resource person. Dr. Prafulla Kumar Panda was the coordinator of the event.

**Objective of the Workshop**

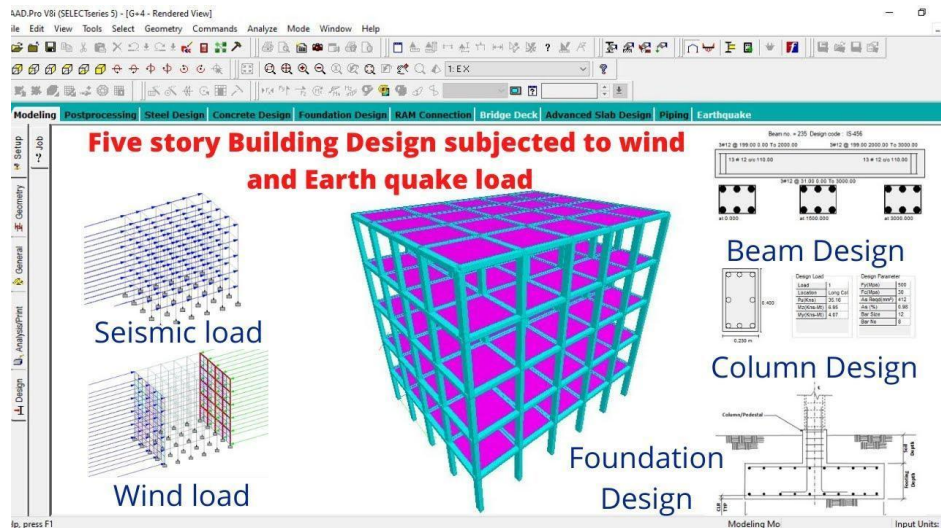
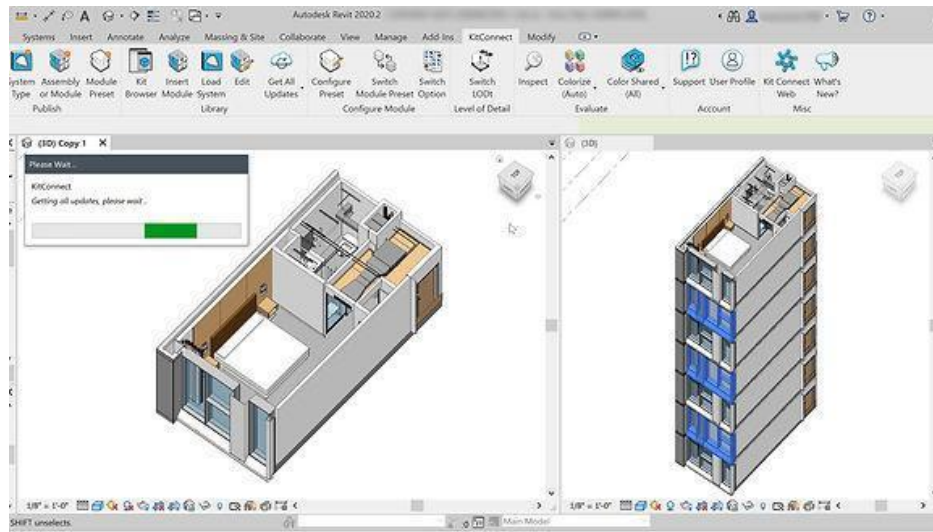
The objective of the workshop is to make the participants familiar with the identification of different Structural members of building structures and their structural design using Staad Pro and ETab Software.

**Outcome of the Workshop**

The participants are able to do

- Structural Design using Staad Pro Software
- Design of beams, columns, frames and slabs for RCC structures
- Design of beams, columns, frames and slabs for Steel structures
- Steel reinforcement calculation
- Analysis of the structural systems for safety
- Design of foundations using SAFE foundation

**Photographs of the Workshop with date and caption:**



**Screenshot of the on-going Workshop on structural design of building frame by ETab and Staad pro**

**List of participants:**

S.NO	Name	email id	Designation
1	Dr. Prafulla Kumar Panda	prafullapanda@cutm.ac.in	Faculty
2	Dr. Kamal Kumar Barik	kamalbarik@cutm.ac.in	Faculty
3	Mr. Mukundjee Pandey	mukundjee.pandey	Faculty
4	Mr. M. Vignesh	vignesh.m@cutm.ac.in	Faculty
5	SRIDHAR KUMAR PANDA	180101110001@cutm.ac.in	Student
6	Kinley wangmo	180101110005@cutm.ac.in	Student
7	SAI SOUMYA SUBHANKAR	180101170023@cutm.ac.in	Student
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9	CH. Prasankumar	180101111007@cutm.ac.in	Student

10	PREETI PATANAİK	180101111009@cutm.ac.in	Student
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**Brochure related to the event:**



  
Centurion  
UNIVERSITY

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Structural Members Establishment for Building Structure**

Date: - 20<sup>th</sup> September 2020

*Organised by :*  
**Department of Civil Engineering**

**Resource Person**

**Mr. Rahul Singh**  
Project Executive,  
Gram Tarang Technologies,  
Centurion University of Technology &  
Management

**Coordinator (s):**  
**Dr. Prafulla Kumar Panda**  
Assistant Professor  
Department of Civil Engineering  
CUTM, Paralakhemundi

centurion university of technology and management  
*Shaping Lives... Empowering Communities...*



Dr. Prasanta Ku. Mohanty  
Dean Academic



**Dr. PK Panda**  
**(Coordinator)**