



VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE
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NAAC Cycle 2

Criterion: 1.2.1

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**VIMAL JYOTHI ENGINEERING COLLEGE
&
DEPARTEMENT OF CIVIL ENGINEERING**

Report on value added course

***“Hands-on Workshop on Building
Information modeling using REVIT”***

for

S6 CE B (2020-24 BATCH)

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24/3/23



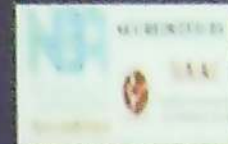
Event proposal - Civil Engineering

Event type and name	A hands-on workshop on "Building Information Modeling using REVIT"
Tentative date	8 th February 2023 - 12 th February 2023
Participants/ audience	S6 CE Students
Objectives	To provide hands on experience to third year students on Autodesk Revit Architecture.
Resource requirements	Mic, Speaker, Laptops, Desktops
Expected outcomes	Participants will be awarded with Autodesk certification which can aid their career prospective
Connected PEOs/POs/COs	PO1, PO2, PO4, PO5, PO9, PO12.
Resource persons	Mr. Ameen Ansari, Mr. Sugin C S Application Engineers Inter CAD Systems
Responsible persons	<u>Staff coordinators:</u> Ms. Anuragi P Mr. Abhijath I P Mr. Saneesh K Ms. Sigi Thomas <u>Convenor:</u> Dr. Biju Mathew Professor & Dean of Examinations.

Add-on course CEB
Rs 30,000/-
Dr. Biju Mathew
24/01/23
Food & Remuneration
for staffs only.



VIMAL JYOTHI ENGINEERING COLLEGE
CHEMPERI, KANNUR



DEPARTMENT OF CIVIL ENGINEERING
in association with
InterCAD Systems Pvt. Ltd.

REVIT ARCHITECTURE WORKSHOP

Workshop Application Session
27/02/23 – 01/03/23

Resource Persons

Mr. SUBASH. N
Mr. NITHIN
Application Engineers

Workshop Convener

Dr. BIJU MATHEW
HOD, Dept. of Civil Engineering

Coordinators

Mrs. SIGI THOMAS
Mr. ABHIJATH I P
Ms. SINAI MICHEL

Assistant Professors, Dept. of Civil Engineering

AUTODESK
Authorized Training Center

interCAD
SYSTEMS PVT. LTD.

1. Introduction

Department of Civil engineering and conducted value added course on “**Hands-on Building Information modeling using REVIT**” from 27th February 2023 to 3rd March 2023 (duration of 5 days). The organizers of the session were Mr. Abhijath I P, Mrs. Sigi Thomas and Mrs. Sinai Michel and the sessions were conducted by Mr. Subash.N and Mr. Nithin, subject experts from InterCAD systems Pvt. Ltd, A total of 42 students who belong to Civil engineering Department of 3rd year B section attended the course for all days.

The objective of the work shop is to prepare the students to real world problems based on construction management and structural analysis. The detailed study and practices using software will enable the students to tackle real world problem.

2. Curriculum and lesson Plan

Curriculum

Module I

Introduction to BIM process and describe the workflow in using BIM in the building life cycle

Module II

Preparation of building model from a given architectural drawing of a residential unit and perform model based cost estimation, Create a schedule and import it into the 4D modeling environment

Module III

Develop schedules for the construction of slabs, walls, columns, beams and windows of a section of a residential building ,Effect of rescheduling the activities to complete the project in minimum time frame

Connected PEOs/POs/Cos : PO1, PO2, PO4, PO5, PO9, PO12

Lesson Plan	
Day	Plan
27/02/2023	<ul style="list-style-type: none"> • Introduction to BIM process • Use of BIM in the building lifecycle • Preparation of building model • Model based cost estimation
28/02/2023	<ul style="list-style-type: none"> • Create a schedule and import it into the 4D modeling • Develop schedules for the construction of slabs • Develop schedules for the construction of walls
01/02/2023	<ul style="list-style-type: none"> • Develop schedules for the construction of columns • Develop schedules for the construction of beams • Develop schedules for the construction of windows • Effect of rescheduling the activities to complete the project
02/03/2023 & 03/03/2023	<ul style="list-style-type: none"> • Practical sessions

3. Participant's list

USN	STUDENT NAMES	Roll No	27-02-2023	28-02-2023	01-03-2023	02-03-2023	03-03-2023
VML20CE001	Abhay K P						
VML20CE003	Abhijith Surendran	1	P	P	P	P	P
VML20CE004	Abhinand K	2	P	P	P	P	P
VML20CE013	Akshath	3	P	P	P	P	P
VML20CE014	Alan Joshy	4	P	P	P	P	P
VML20CE015	Amain P	5	P		P	P	P
VML20CE016	Amith N	6	P	P	P	P	P
VML20CE018	Anamika C	7	P	P	P	P	P
VML20CE019	Ananya Iv	8	P	P	P	P	P
VML20CE021	Anjali Mathew	9	P	P	P	P	P
VML20CE022	Anjali M M	10	P	P	P	P	P
VML20CE023	Anjana K N	11	P	P	P	P	P
VML20CE027	Aparna K	12	P	P	P	P	P
VML20CE029	Aparna Praveen	13	P	P	P	P	P
VML20CE031	Archana Sajeevan	14	P	P	P	P	P
VML20CE033	Aswanth Bhaskaran V	15	P	P	P	P	P
VML20CE035	Ashira Ajith	16	P	P	P	P	P
VML20CE036	Ashulraj K P	17	P	P	P	P	P
VML20CE039	Christy Jose	18	P	P	P	P	P
VML20CE042	Felix Sabi	19	P		P	P	P
VML20CE044	Gokul Handas	20	P	P	P	P	P
VML20CE045	Goodika Gangadharan	21	P	P	P	P	P
VML20CE047	Hnshuvama Anil	22	P	P	P	P	P
VML20CE048	Jain John	23	P	P	P	P	P
VML20CE050	Keerthana K Chandran	24	P	P	P	P	P
VML20CE057	Niveditha T V	25	P	P	P	P	P
VML20CE058	Parvathi K C	26	P	P	P	P	P
VML20CE059	P Jithin Chandra	27	P	P	P	P	P
VML20CE062	Sabith Sinan T V	28	P	P	P	P	P
VML20CE063	Safa Choottachi Puthiyapurayil	29	P	P	P	P	P
VML20CE064	Saloniya K	30	P	P	P	P	P
VML20CE065	Sanjana Sumod	31	P	P	P	P	P
VML20CE067	Sarang C K	32	P	P	P	P	P
VML20CE072	Siddarth D	33	P	P	P	P	P
VML20CE073	Sreelakshmi Gokuldas P K	34	P	P	P	P	P
VML20CE076	Teena Vinod	35	P	P	P	P	P
VML20CE078	Thejal Prasanth	36	P	P	P	P	P
VML20CE080	Vidhu Krishna	37	P	P	P	P	P
VML20CE082	Yuvaraj Raveendran	38	P	P	P	P	P
LVML20CE083	Ajay John	39	P	P	P	P	P
LVML20CE085	Niran Dev	40	P	P	P	P	P
LVML20CE086	Litwin Augustia Xavier	41	P		P	P	P
		42	P		P	P	P

4. Feedback from students

Workshop on BIM for S6 CE B - Feedback form Send

Questions Responses **37** Settings

37 responses

Link to Sheets

Allowing input

Summary

Question

Individual

Who has responded?

Email

gklcas290@gmail.com

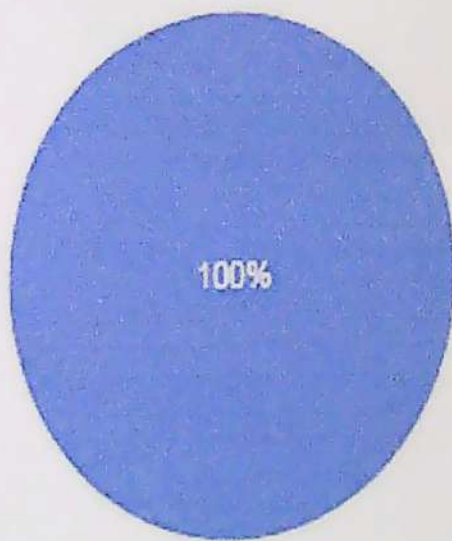
jithinchandra24@gmail.com

rithuanil11@gmail.com

Did the sessions meet its stated aims?

Copy

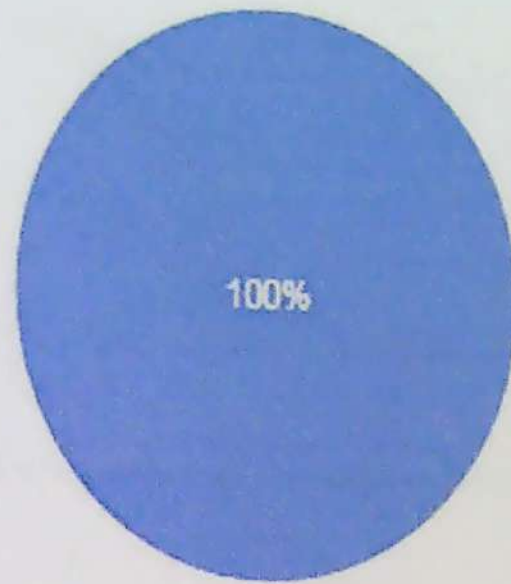
37 responses



YES
 NO

Did the course meet all your aims?

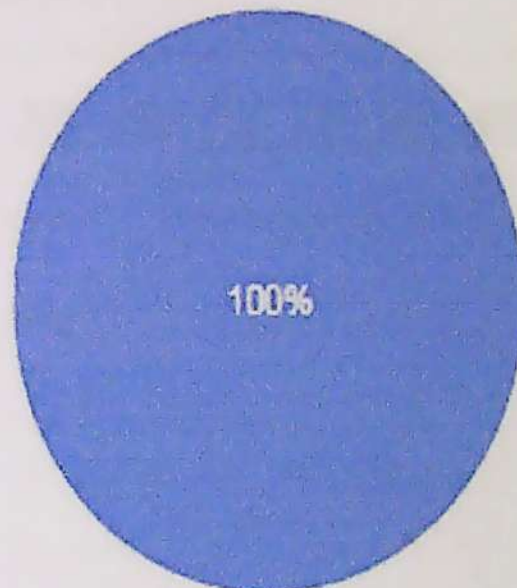
37 responses



● YES
● NO

Can you use what you have learnt in your role?

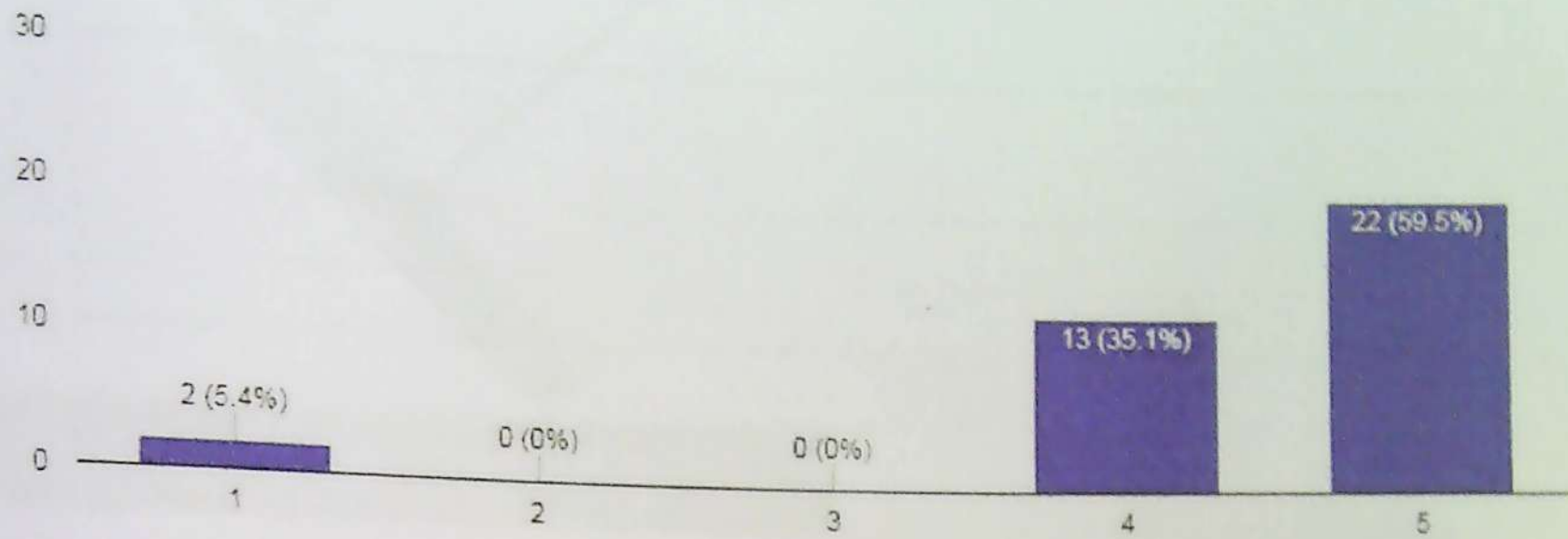
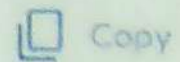
37 responses



● YES
● NO

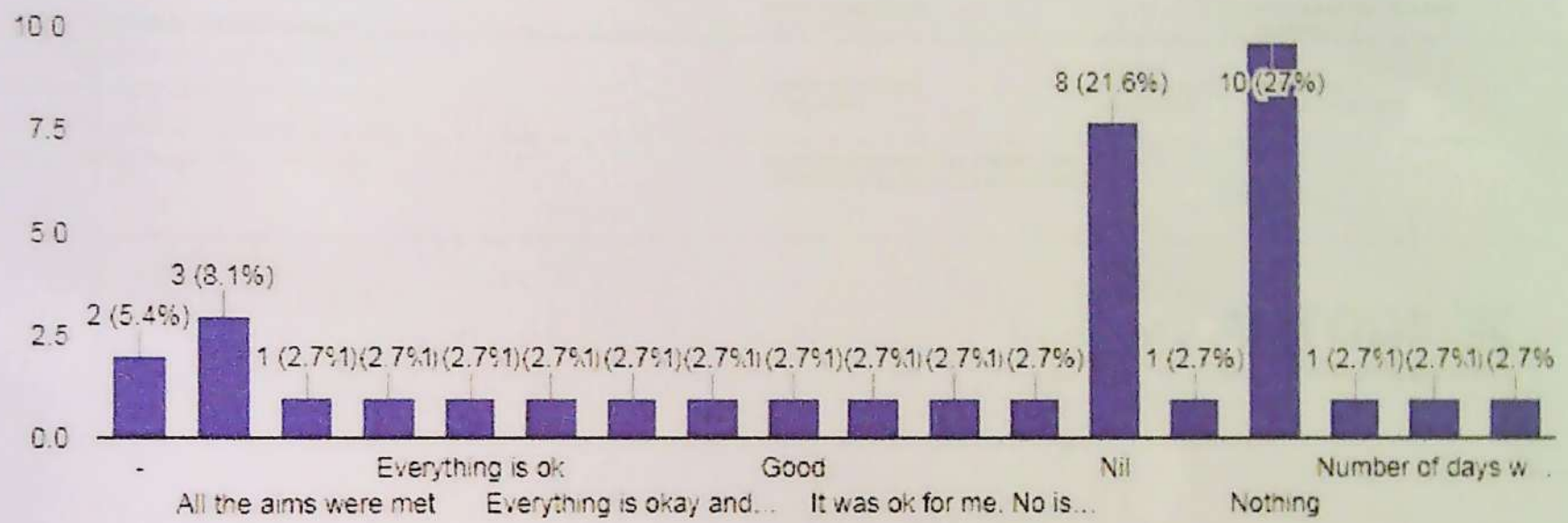
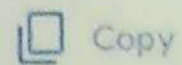
Effectiveness of practical exercise

37 responses



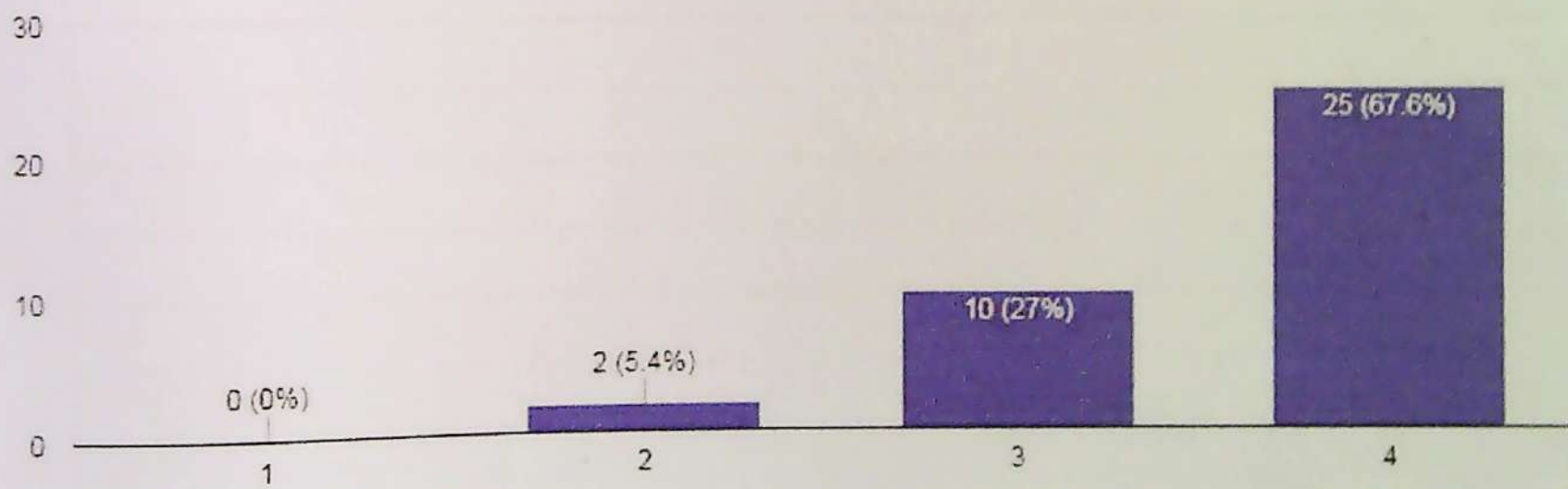
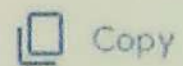
If any of the learning aims were not met, explain in your own words why not

37 responses



How helpful was the training ?

37 responses



5. Sample Certificate

CERTIFICATE OF COMPLETION

CONGRATULATIONS!

You have successfully completed an Autodesk® Authorized Training Center® course specifically designed to satisfy your training requirements. Authorized Training Center instructors deliver quality-learning experiences with courses related to Autodesk products utilizing relevant content and comprehensive courseware. Autodesk's vision is to help people imagine, design, and create a better world.

Certificate No. AP1111097309565186644

GOPIKA GANGADHARAN
NAME

REVIT ARCHITECTURE
COURSE TITLE

REVIT ARCHITECTURE 2023
PRODUCT

TREESA KUNJACHAN
INSTRUCTOR

01-MARCH-2023
COURSE DATE

17-24 HOURS
COURSE DURATION

INTERCAD SYSTEMS (PVT) - TRIVANDRUM
AUTODESK AUTHORIZED TRAINING CENTER

 **AUTODESK**
Authorized Training Center

6. Snippets

