

### VIMAL JYOTHI ENGINEERING COLLEGE JYOTHI NAGAR, CHEMPERI - 670632, KANNUR, KERELA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE ISO 9001: 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

**NAAC Cycle 2** 

Criterion: 1.2.1

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#### **Event Proposal Form**

1	Event Type and Name	Seminar/Workshop/Conference     Guest Lecture     Industrial Visit     Placement oriented fracting Programme
2	Date and Time	Morch 4-8 2020 - 9:00 ars - 4:10pm
3	Participants/ Audience	36 KRA Students
4	Venue	Advanced communication Lab , Depl of acc.
5	Objectives	1. Parkapant will learn the Bert or Ex Lases and has to detep a Revit project for engineery perposes 2.
6	Expected Outcomes	1. Portagono will become families com me softwar  Rent mep  2. Partagono will goin more job opportunites related  to Revid MEP
7	Connected PEOs/POs /COs	PO1, PO2, PO3, PO4, PO5, PO11, PO12 PSPO1, 2
8	Resource Requirements	Bu but system.  Prajector
9	Any other Relevant information	NIZ.
10	Responsible Persons	Proposal prepared by Recommended By  Ms. Analysis Lan  Recommended By  Ms. Analysis Lan  Recommended By

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### VIMAL JYOTHI ENGINEERING COLLEGE &

### DEPARTEMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

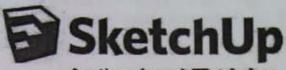
Report on value added course

"REVIT MEP"

for

2017-21 BATCH

#### PROPOSAL FOR THE TRAINING OF REVIT MEP SOFTWARE



**Authorized Training** 











Submitted to

VIMAL JYOTHF ENGINEERING COLLEGE, CHEMPERI, KANNUR, KERALA, 670632

#### CONTENTS

- a. Introduction Letter
- b. Proposal
- c. Terms and Conditions



2nd Floor, Balakrishna Pillai Building, Opp St. Ignatious Knanaya Church, Trivandrum-695 035, Kerala, India. Tel: +91 471 2472766, 2572221 Email: atc@intercadsys.com www.intercadsys.com

#### ICS/TRG/FY20/COK/AM/155 23<sup>rd</sup> January2020



To

MRS.LALY JAMES
HEAD OF THE DEPARTMENT(EEE)
VIMAL JYOTHI ENGINEERING COLLEGE,CHEMPERI

Dear Madam,

InterCAD Systems Private Limited (ICS) is one of the leading training centres in Kerala, since its inception in 1993. ICS has strategic sales & training tie-ups with major global software organizations like Autodesk, Bentley, PTC, Ansys etc. Having trained more than 50,000 students in the past 20 years, ICS has established itself as the best CAD Education hub in the state of Kerala to impart quality training to students & professionals.

ICS is the only centre in Kerala, authorized by Autodesk as an Authorized Training Center, Authorized Certification Center, Autodesk Academic Adoption Partner & Authorized Value Added Reseller, apart from training agreements from PTC and Bentley for their design software. With our technical experience in the field of Mechanical, Civil, & Architecture, we bring value addition to our customers.

We have provided training to various Engineering Colleges, Government Polytechnic Colleges & Public sector organizations like PWD, KWA, GCDA, KAMCO, TELK to name a few.

In the light of above you are humbly request to go thru' our proposal and place the training offer on our favor.

Kindly revert back for any clarifications

Thanking you and assuring you the best of our services

For InterCAD systems Private Ltd.

TVM S

Sabu S Nair Business Manager +91 9895 705 600

#### TRAINING PROPOSAL

SL.NO.	SOFTWARES	DURATION (DAYS)	PER STUDENT	
1.	REVIT MEP	5	2000/	

#### EACH PARTICIPANTS WILL GET AN INDIVIDUAL COURSE COMPLETION CERTIFICATE

#### **INTERCAD OFFERS**

- > Authorized Reseller of Engineering Software.
- Authorized Training Center of Autodesk, Bentley, Trimple.
- > Authorized Certification Center of Autodesk.
- > Latest version software training Facility.
- Courses Handled by Certified Professionals from Parent Companies.
- Updated & highly Specialized Courseware.
- Direct certification from Autodesk / BENTLEY / TRIMPLE.

#### TERMS AND CONDITIONS:

- > Training can be conducted at your premises
- Minimum 40 Students are required for this special offer training.
- > Training timing: timing as convenient to both parties
- > The Course duration includes both theory and practical.
- > The systems/projector will have to be supplied from the concerned dept.
- On successful completion of the training InterCAD Systems will evaluate the students and issue Course Completion Certificates.

#### **REVIT MEP TRAINING REPORT**

A 5 day hands on internship program entitled 'REVIT MEP' on 'Mechanical Electrical and Plumbing' was conducted by InterCAD Systems Private Limited, one of the leading training centres in Kerala, for the students of 6<sup>th</sup> semester of Electrical and Electronics Engineering of Vimal Jyothi Engineering college. The workshop was conducted from 4<sup>th</sup> March 2020 to 8<sup>th</sup> March 2020. The trainers were Mr. Abhiram and Mr. Balu from InterCAD System Pvt. Ltd.

The workshop mainly dealt with introduction to REVIT MEP Software and its basic drawing and editing tools. The students were provided an opportunity to build Building Models in order to incorporate non conflicting design of Mechanical, Electrical and Plumbing engineering in an architectural design of building and to identify the material requirements for complete construction. All the designed projects provoked the students to enhance their thinking skills and imparted students with good technical knowledge.

Students were also given training on HVAC Systems, adding duct and piping systems, and were made to work on automatic duct and piping layouts. REVIT MEP software's modelling and layout tools enabled students in placing mechanical, electrical and plumbing systems more accurately. It also helped the students in working with dimensions, tags and schedules, adding electrical and fire protection circuits, and creating documents and sheets more easily.

Day 1:4th March

Overview of the Revit is given. Students are familiarized with MEP Interface, Opening a Revit MEP project etc. Also studied General drawing tools, Editing Revit elements, Basic modifying tools, Additional editing tools.

Day 2:5th March

On this day familiared with Starting Revit projects, Linking Revit models, Copying and monitoring linked files.

Day 3: 6th March

Learned about Revit MEP systems, Working with Components, Creating systems – Overview, Systems Graphics, Connecting Components and Analyzing systems

Day 4:7th March

Learned to prepare energy analysis, Analyzing the heating and cooling loads and Exporting for secondary analysis

Day 5:8th March

Introduced with Hydronic piping systems, Adding mechanical equipment, Drawing piping, Creating Hydronic systems, Automatic piping layouts, Analyzing piping systems and Fire protection systems.

#### CONCLUSION

The Internship opportunity provided on Autodesk REVIT MEP was a great chance for learning and exposure to view technologies used in the Construction Company. In general, the program was very effective. There was an overall participation of 40 students and the students gave a very positive feedback. Certificates were given to the students who participated in the program.

#### **REVIT MEP**

L. INTRODUCATION TO REVIT MEP	2. BASIC DRAWING AND EDITING TOOLS				
Overview of the Revit MEP Interface Opening a Revit MEP project	General drawing tools Editing Revit elements Basic modifying tools Additional editing tools				
About Hydronic piping systems Adding mechanical equipment Drawing piping Creating Hydronic systems Automatic piping layouts Analyzing piping systems Fire protection systems  11. ELECTRICAL SYSTEMS About electrical systems Placing electrical components Creating electrical circuits	4. VIEWS Duplicating views Adding callout views Setting the view display Creating elevations Creating sections Working with ceilings				
About Revit MEP systems Working with Components Creating systems – Overview Systems Graphics Connecting Components	6. SPACES AND ZONES Creating spaces Creating zones Creating colour schemes  8. HVAC SYSTEMS About HVAC systems Adding terminals and mechanical equipment Adding ductwork Creating duct systems Automatic Ductwork layouts				
Introduction to energy analysis Preparing energy analysis Analyzing the heating and cooling loads					
9. HYDRONIC PIPING SYSTEMS About Hydronic piping systems Adding mechanical equipment Drawing piping Creating Hydronic systems Automatic piping layouts Analyzing piping systems Fire protection systems	10. PLUMBING SYSTEMS About plumbing systems Adding plumbing fixtures Drawing piping for plumbing systems Working with plumbing systems				
11. ELECTRICAL SYSTEMS About electrical systems Placing electrical components Creating electrical circuits Cable trays and conduit	12. CONSTRUCTION DOCUMENTS Setting up sheets Placing and modifying views on sheets Printing sheets				

13. ANNOTATING CONSTRUCTION DOCUMENTS Working with dimensions Working with text Adding detail lines and symbols Creating legends	14. TAGS AND SCHEDULES Adding tags Working with schedules Creating schedules
15. DETAILING IN REVIT MEP	Setting up detail views, Creating details , Annotating details

## BIM for MEP Engineering

modeling (BIM) developed to incorporate non conflicting design of · This Building Modeling is the purpose-built building information Mechanical, Electrical, and Plumbing (MEP) engineering in an architectural design of building and to identify the material requirements for complete construction

## Why MEP engineering firms should integrate BIM?

The core challenge of sticking to tight schedule and maintaining the intended and expected coordination and collaboration was identified at the very beginning of the project. The BIM deliverables were to be delivered in Autodesk Revit.

ready to adopt BIM, can faster and easily fabricate the building elements directly in BIM model. It gives outstanding results in terms of Quality and efficiency. BIM for the MEP industry is rising at a light speed, Ample opportunities such as scheduling and quantity take off are out there for the MEP firms who are ready to implement BIM, MEP Firms, vet it is still in its early times.

### Revit MEP

which are the three engineering disciplines that Revit MEP addresses. By utilizing BiM as opposed to computer-aided drafting (CAD), Revit MEP is able to leverage dynamic information in intelligent models—allowing complex building systems to be accurately designed and documented in a shorter amount of time. Each intelligent model created with Revit MEP represents an entire project and is stored in a single database file. This allows changes made in one part of the model to be automatically propagated to other parts of the model, thus enhanding the workflow for Revit MEP users. Autodesk Revit MEP is a building information modeling (BIM) software created by Autodesk for professionals who engage in MEP engineering. MEP stands for mechanical, electrical, and plumbing.

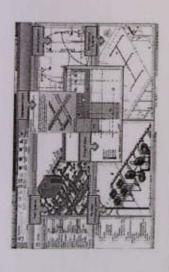
The basic requirement of the project is the materil calculations for the best estimated costing

P Normally due to uncertanities in design safe material estimate requires 20% to 25% increased material which can be exactly calculated here.

Through this, the project cost could be reduced upto some extant by exact estimation of the cost is possible.

By the development of 3D modeling incorporated with the MEP, more

# Things You can do with Autodesk Revit MEP

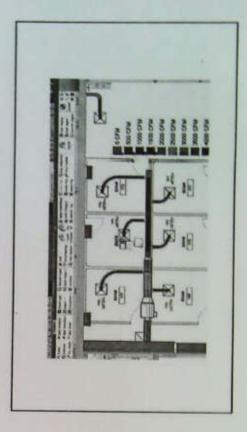




## 2. Duct and Pipe Sizing/Pressure Calculations

 With built-in calculators in Autodesk Revit MEP software, engineers can perform staling and pressure loss calculations according to industrystandard methods and specifications, including the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) fitting loss database. System siting tools instantly update

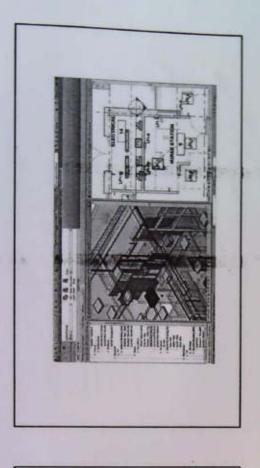
the size and design parameters of duct and pipe elements without the need for file exchanges or third-party applications. Select a dynamic sizing method for the ductwork and piping systems in your plans using duct sizing and pipe sizing tools, including friction, velocity, static regain, and equal friction sizing method for duct sizing, and velocity or friction method for pipe sizing.

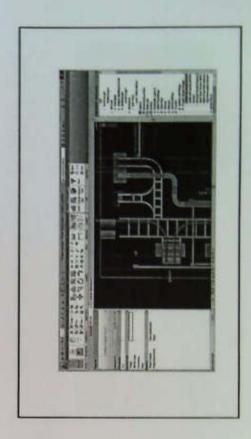


# 3. HVAC and Electrical System Design

Communicate design intent visually with room color-fill plans. With color schemes, team members no longer have to spend time deciphering spreadsheets and using colored pencils on printed plans. All revisions and alterations to color-fill plans are updated automatically across the model. Create any number of

fill plans are updated automatically across the model. Create any number of schemes, and maintain better consistency for the duration of the project. Three dimensional modeling for ductwork and piping enables users to create HVAC systems that can be clearly shown using color schemes for design airflow, actual airflow, mechanical zones, and more. Create electrical color schemes for power loads, lighting per area, and more.





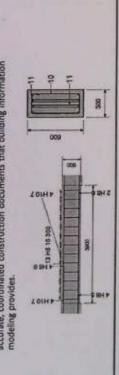
# 4. Conduit and Cable Tray Modeling

 Revit MEP contains powerful layout tools that enable easier modeling of electrical and data cable trays and conduit. Better coordinate and create accurate construction drawings using real-world conduit and cable tray combinations.

New schedule types can report the overall length of cable tray and conduit runs, resulting in rapid quantification of required materials.

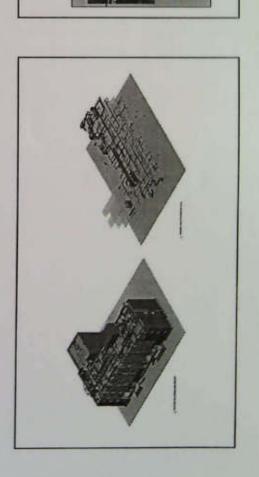
# 5. Automatic Generation of Construction Document Views

Automatically generate plan, section, elevation detail, and schedule views that
more precisely reflect design information. Synchronized model views from a
common database enable more consistent, coordinated change management.
 The entire electrical, plumbing, and mechanical design team benefits from more
accurate, coordinated construction documents that building information
modeling provides.



# Unsurpassed AutoCAD Support

Leverage the millions of professionally trained AutoCAD users
worldwide to share and complete MEP projects faster. Revit MEP
provides seamless support for AutoCAD software's DWG\*\* file format
enabling you to save and share files with confidence. DWG
technology from Autodesk is the authentic, accurate, and reliable way
to store and share design data.



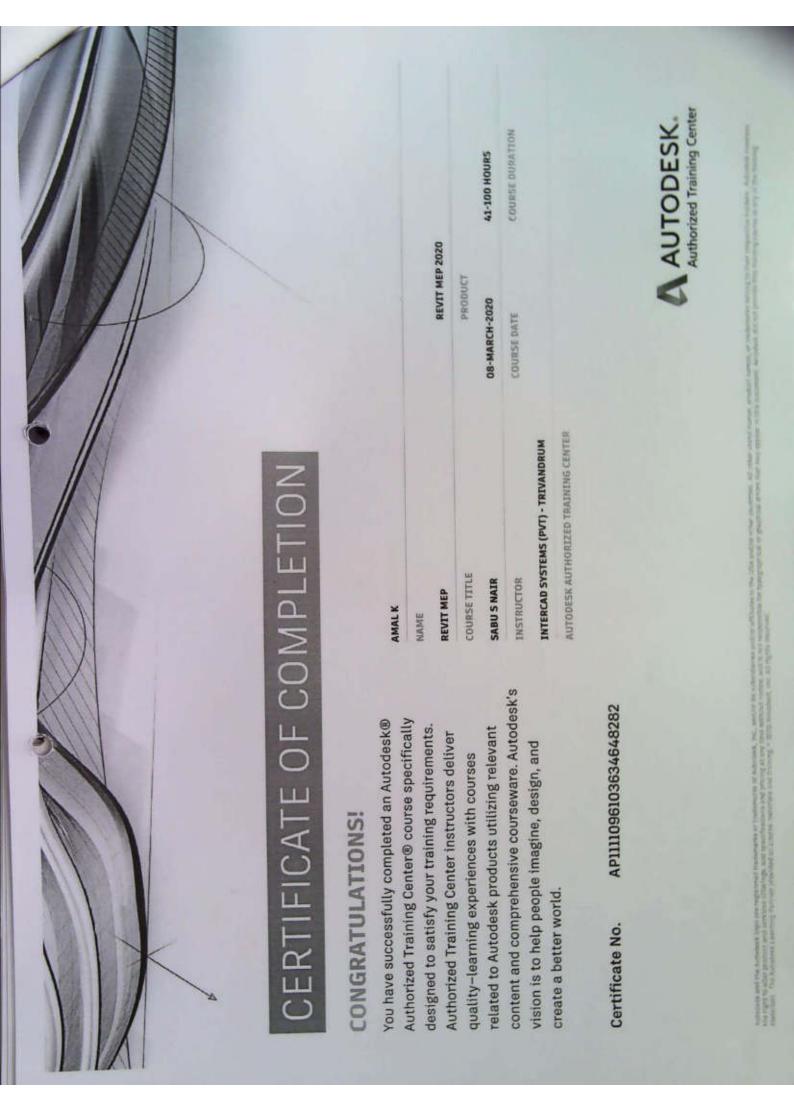


#### COURSE OUTCOMES

- Students able to understand the basic concepts and operations of REVIT MEP
- Students able to understand and analyze the drawing tools, editing tools and modifying tools.
- 3. Students able to understand the creation of elevations and system graphics.
- 4. Students able to analyze the energy consumption, heating and cooling systems.
- Students able to apply the software for creating electrical circuits and prepare schedule.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
COI	M				Н				H	M		H
CO2	Н	Н	M	M	Н				Н	M		H
CO3	Н	M			Н				H	M		H
CO4	Н	Н	Н	Н	Н				Н	M		Н
CO5	Н				Н	Н		M	H	M	M	H

LALY JAMES HOD EEE, VJEC





## CONGRATULATIONS

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

SIDHARTH RAJESH P

REVIT MEP NAME

REVIT MEP 2020

PRODUCT

08-MARCH-2020 COURSE DATE

COURSE TITLE

SABU S NAIR INSTRUCTOR

COURSE DURATION 41-100 HOURS

INTERCAD SYSTEMS (PVT) - TRIVANDRUM

AUTODESK AUTHORIZED TRAINING CENTER

AUTODESK.
Authorized Training Center

Certificate No.

AP1111096103634652598

#### PHOTO GALLERY



#### SIGMOS INDIA TRAINING REPORT-

#### PHASE 1 (13/1/2020 - 15/1/2020)

A 3 day training program on Electrical System Design was conducted by Sigmos India, Cochin for the final (2016-2020 batch) year students of Vimal Jyothi Engineering college. The workshop was conducted from 13th January 2020 to 15th January 2020. The trainers were Mr.Sajin Babu,Mr.Shyam,Mr.Faslu,Mr.Sajin and Mr.Jinson from Sigmos India.

The workshop mainly dealt with introduction to electrical system design. The students were provided an opportunity analyse different electrical drawings and then design the electrical system for a normal residential flat and then analyse its power requirements etc.

The students were also given training in AUTOCAD on how to draw the various electrical system element and this will help the students to develop further complex electrical system.

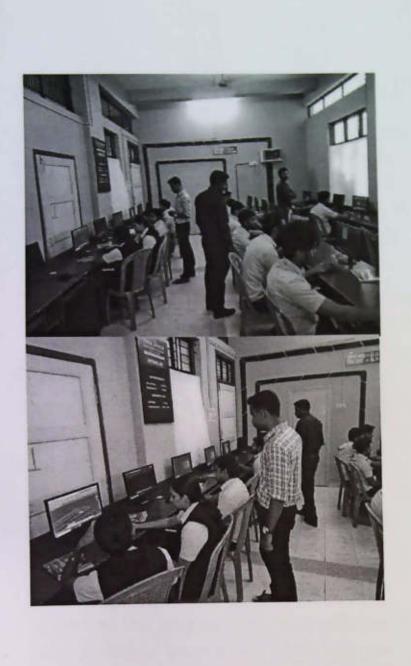
The training program was the first phase of the 18 day training which is to be conducted for final year students.

#### CONCLUSION

In general the program was very effective and imparted the students good technical knowledge. There was an overall participation of 47 students and the students gave a very positive feedback.

#### PHOTO GALLERY





#### SIGMOS INDIA TRAINING REPORT

A 5 day hands on internship program entitled 'E-HOT 2019' on 'Electrical Power and Control' was conducted by Sigmos India, Cochin for the final(2016-2020) and prefinal year(2017-2021) students of Vimal Jyothi Engineering college. The workshop was conducted from 1st July 2019 to 5th July 2019. The trainers were Ms. Jinu and Mr. Jinson from Sigmos India.

The workshop mainly dealt with introduction to contactors and also the wiring of different circuits. The students were provided an opportunity to do the wiring of different control circuits with the wide array of components were provided. All the designing different circuits provoked the students to enhance their thinking skills.

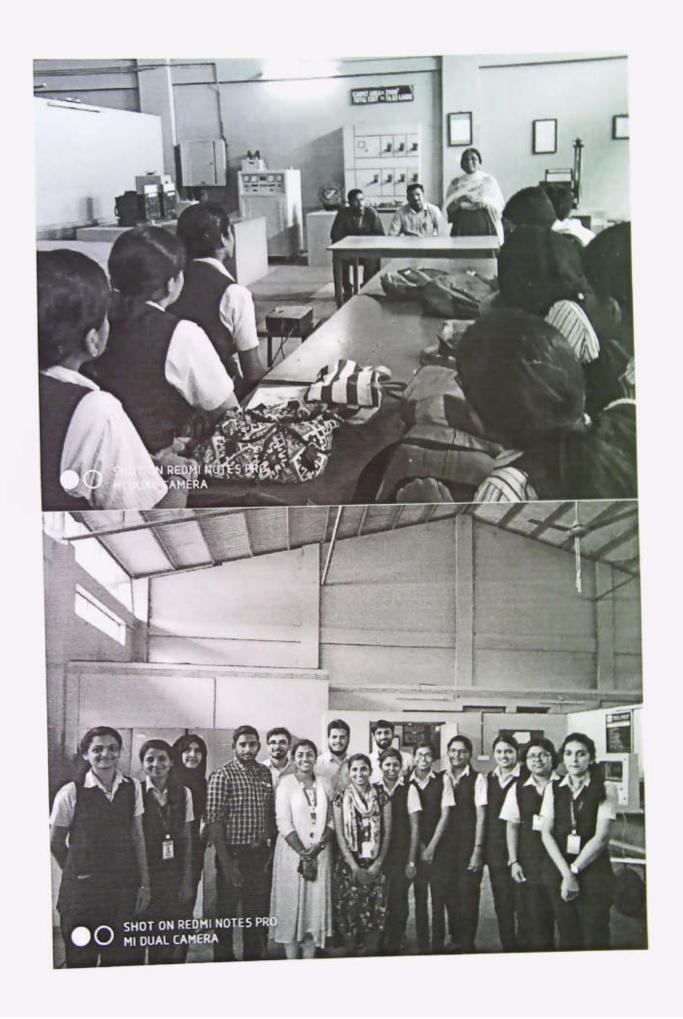
The training also covered the fundamental principles of PLC and the students were made to do PLC programming. There was also a visit to the electrical room of the college and the trainers explained the students about the different components in the room and their functions and features.

#### CONCLUSION

In general the program was very effective and imparted the students good technical knowledge. There was an overall participation of 12 students and the students gave a very positive feedback.

#### PHOTO GALLERY





### SIGMOS INDIA

Internship training associated with our branch of study was conducted in Vimal Jyothi Engineering College by SIGMOS India. A 5-day hands on internship program entitled 'E-HOT 2019' on 'Electrical Power and Control' was conducted by Sigmos India, Cochin for the final (2016-2020) and prefinal year (2017-2021) students of Vimal Jyothi Engineering college. The workshop was conducted from 1st July 2019 to 5th July 2019. The trainers were Ms. Jinu and Mr. Jinson from Sigmos India.

Students who attended the training were

1.ANASWARA M K

2.DHANYA P

3.GOPIKA R

4.HIFASBNU SIDDIQUE

4.JISHNU J PURUSHOTHAMAN

5.MEGNA SUDEEP

6.RAVEENA M

7. SREEHARI P

8.V. V. POOJA RAJ

9.SELMA TOMY

10.NITHYA JOHN

11.NAVAMI ARAVIND

12.SHABREENA M

The workshop mainly dealt with introduction to contactors and also the wiring of different circuits. The students were provided an opportunity to do the wiring of different control circuits with the wide array of components were provided. All the designing different circuits provoked the students to enhance their thinking skills.

The training also covered the fundamental principles of PLC and the students were made to do PLC programming. There was also a visit to the electrical room of the college and the trainers explained the students about the different components in the room and their functions and features

All these functions and working that we had learned and experienced from the training in the Electrical Power and Control' are related to Power Electronics a subject in the 5th Semester – EE305, Electrical System Design a subject in the 7th semester-EE405 the program was very effective and imparted the student's good technical knowledge. There was an overall participation of 12 students and the students gave a very positive feedback.









### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING REVIT MEP - INDUSTRIAL TRAINING - IMPACT REPORT

Topic: REVIT MEP- INDUSTRIAL TRAINING

Date: 4TH march 2020-8th march 2020

Semester and academic year: S6, 2019-20

Duration (no of days): 5ths

Batch: S6, (2017-21 EEE Batch)

A 5 day hands on internship program entitled 'REVIT MEP' on 'Mechanical Electrical and Plumbing' was conducted by InterCAD Systems Private Limited, one of the leading training centres in Kerala, for the students of 6th semester of Electrical and Electronics Engineering of Vimal Jyothi Engineering college. The workshop was conducted from 4th March 2020 to 8th March 2020. The trainers were Mr. Abhiram and Mr. Balu from InterCAD System Pvt. Ltd.

#### a. Knowledge acquired

The workshop mainly dealt with introduction to REVIT MEP Software and its basic drawing and editing tools. The students were provided an opportunity to build Building Models in order to incorporate non conflicting design of Mechanical, Electrical and Plumbing engineering in an architectural design of building and to identify the material requirements for complete construction. All the designed projects provoked the students to enhance their thinking skills and imparted students with good technical knowledge.

Itudents were also given training on HVAC Systems, adding duct and piping systems, and were made to work on automatic duct and piping layouts. REVIT MEP software's modelling and layout tools enabled students in placing mechanical, electrical and plumbing systems more accurately. It also helped the students in working with dimensions, tags and schedules, adding electrical and fire protection circuits, and creating documents and sheets more easily.

b. Skills learned: (skills and any career-specific abilities that you gained during your project like technical skills, problem analysis, etc. Discuss any of the skills that you learned as part of courses at the college)

The students were able to acquire few skills for the career such as the REVIT MEP Software and its basic drawing and editing tools. Students are able to understand and evaluate the Building Models in order to incorporate non

conflicting design of Mechanical, Electrical and Plumbing engineering in an architectural design and got an exposure to design and analytical skills during the session.

c. Impact analysis: Compare the knowledge and skills sets that you gained (mentioned as per para a& b above) before and after your internship/visit

Use scale from 1 to 4

Poor = 1 satisfactory = 2, very good = 3 and excellent = 4

SI. No	Knowledge/Skills	Before	After
1	Practical application of Engineering concepts	1	4
2	Exposure to Design and Analytical skills	1	2
3	Introduced modern engineering tools, REVIT MEP	0	4
4	Research based knowledge	1	2
5	Contributed to your lifelong learning	1	3
6	Apply knowledge of electrical fundamentals, analog & digital electronics to the field of electrical & electronics systems in industry.	2	3
7	Develop technical knowledge, skill, and competence to identify comprehend and solve problems in research and academic related to industrial drives & control	1	3

#### d). Connected POs & PSOs Attainment

(Select relevant POs /PSOs and rate the same for the Industrial Training /internships/Industrial visits undergone)

Use scale from 1 to 3

#### 1 -Poor, 2-Medim, 3- High

POs	Rating				Rating			Rating			
	3	2	1	POs	3	2	1	PSOs	3	2	1
PO 1	3			PO 7			1	PSO 1	3		
PO 2		2		PO 8			1	PSO 2	3		
PO 3	3			PO 9	3						
PO4			1	PO 10		2					
PO 5	3			PO 11		2					
PO 6			1	PO 12	3						

#### | Program Outcomes (POs)

Engineering Resolved Application of the second of the seco

Problem Analysis Identify institutes arrange recent interactive, and enables insurples, entenables problems reaches substitutes and problems and problems reaches matural screeness, and angues sing first problems of maximum matural screeness, and angues sing accesses.

Design Development of Substanta Design substants for complete super, seeing profit man and design to trees, compressed or princesses that make it may be specified track with appropriate control with one time prince begins and taken and the colorest contests, and entire summarial consideration.

Consture Investigations of Complex Problems Use research instead Land ledge and research methods subjecting design of experience weaking and experience of data and configuration of this information to provide a substitution

Mindern Two I Unger Create valuet and apply appropriate tertingues, resources and conform angularising and JT training terminal prediction and mandaling to complete engineering antivities with an understanding of the limitations.

The Engineer and Society: Apply reasoning informed in the contextual learnings to drives accessed, health, rafety, legal and cultural crims and the consequent engineer follows rate and to the professional engineering position.

Environment and Surainability Distantend the superior the professional sugmenting tolerants in toleral and environmental formats and descentions the interviolage of and need for tradelinable development.

#### Vision

To evolve as a course of encellence, to train succession in contemporary technologies, to meet the needs of global industry and to de slop from mee skillful engineers metalled with homan values and professional ethics.

To produce computed and disciplened Electronic & Electronics Engineers through delivery of quality education to meet the ongoing global challenges in alignment with technical education

- Extens Again which promptes will present to destinate which and temperate large and negative of the deposition

- Propert Management and Propert Description are injuried in the second of the separating and hostogramme of the separating and hostogramme of the second of t
- Life been bearing. Kenngeria the send to med here the promething and about to separate a code and and to be long bearing to the broadest context of territor legical change.

#### | Program Specific Outcomes (PSOs)

- Apply the investments of alcount Businessiah, calculatings, common approaching scaling in digital absolution in the first of electrical in alcount and alcount and
- Develop technical brownings that, and compensus a stance compensus and taken problems is assemble and accusant falsed to prome rection goals, because the best of the second control.

#### Program Educational Objectives (FEOs)

- Graduates will achieve broad and m-dapth knowledge of Electrical & Electronics Engineering relating to industrial practices and research to analyze the practical problems and think meats say to generate more are a solutions using
- and think creatively to generate annovative solutions using appropriate technologies.

  Graduates will make valid judgment synthesize information from a range of sources and communicate them in sound ways appropriate to the diverpline Craduates will rustain attellectual durinoity and pursue lifelong learning not only in areas that we calculate to Electrical & Electronics Engineering, but also that are important to resident.
- important to rociety
  Graduates will adapt to different roles and demonstrate
  leaderships in global working environment by respecting
  diversity professionalism and ethical practices

**Faculty Signature** 



Name of the student : ABHIRAM CP

Roll number and Semester : 01,56

Date of taining : 4-8th MARCH 2020

Name of the company : Inter CAD Systems Private Limited

Type of the industry : CAD system

SI.No.	Questions	Very	Good	Average	Poor
1.	Was the training technically helpful to you?	/			
2.	How would you rate the relevance of the training with the curriculum?	V			
3.	How you feel about the working environment of the industry?	/	4		
4.	Whether the employees were able to clarify your doubts?		1		
5.	Can you identify any recent technology over their?				
6.	Whether the industry is updated with the current technical changes?	V			
7.	Can you rate the importance of an electrical engineer at that industry?	~			
8.	Were you able to analyze the working machines and equipments at that industry with the theoretical knowledge?	V			
9.	Can you solve a problem practically by the knowledge obtained from your industrial training in future?		~		
10.	Do you prefer to have this kind of training in future?	~			
11.	Give overall rating to industrial training		~		

Name of the student : Akhil TP

Roll number and Semester : 02,56

Date of raining : 4-8th March 2010

Name of the company : Inter CAD systems private limited

Type of the industry : C40 system

SI.No.	Questions	Very	Good	Average	Poor
1.	Was the training technically helpful to you?		V		
2.	How would you rate the relevance of the training with the curriculum?	V			
3.	How you feel about the working environment of the industry?		~		
4.	Whether the employees were able to clarify your doubts?	V			
5.	Can you identify any recent technology over their?	/			
6.	Whether the industry is updated with the current technical changes?	V			
7.	Can you rate the importance of an electrical engineer at that industry?	V			
8.	Were you able to analyze the working machines and equipments at that industry with the theoretical knowledge?		/		
9.	Can you solve a problem practically by the knowledge obtained from your industrial training in future?	~			
10.	Do you prefer to have this kind of training in future?	/			
11.	Give overall rating to industrial training	/			

Name of the student : Akshay K. V

Roll number and Semester : 03, 56

Date offaining : 4-8th March 2020

Name of the company : Inter cap systems private limited

Type of the industry : CAD system

Sl.No.	Questions	Very	Good	Average	Poor
1.	Was the training technically helpful to you?	/			
2.	How would you rate the relevance of the training with the curriculum?	~			
3.	How you feel about the working environment of the industry?		~		
4.	Whether the employees were able to clarify your doubts?		~		
5.	Can you identify any recent technology over their?		~		
6.	Whether the industry is updated with the current technical changes?		V		
7.	Can you rate the importance of an electrical engineer at that industry?	~			
8.	Were you able to analyze the working machines and equipments at that industry with the theoretical knowledge?		-		
9.	Can you solve a problem practically by the knowledge obtained from your industrial training in future?	~			
10.	Do you prefer to have this kind of training in future?	~			
11.	Give overall rating to industrial training	V		-	

Name of the student : Amal K

Roll number and Semester : 64, 56

Date of raining : 4-8th MARCH 2020

Name of the company : JNTER CAD SYSTEMS PRIVATE LIMITED

Type of the industry : CAD SYSTEMS

SI.No.	Questions	Very	Good	Average	Poor
1.	Was the training technically helpful to you?	V			
2.	How would you rate the relevance of the training with the curriculum?	~			
3.	How you feel about the working environment of the industry?	~			
4.	Whether the employees were able to clarify your doubts?	~			
5.	Can you identify any recent technology over their?	V			
6.	Whether the industry is updated with the current technical changes?		~		
7.	Can you rate the importance of an electrical engineer at that industry?	V			
8.	Were you able to analyze the working machines and equipments at that industry with the theoretical knowledge?	~			
9.	Can you solve a problem practically by the knowledge obtained from your industrial training in future?		~		
10.	Do you prefer to have this kind of training in future?	~			
11.	Give overall rating to industrial training	~			