

Professional Society Activities, Events, Conferences Organized.

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SESSION 2022-23

- **LIST OF WORKSHOP ARRANGED
AND
COURSE MODULE**



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List Of Department Activities 2022-23		
S. No	Name Of The Activity	Date
1	Workshop	08/09/2022-13/09/2022
2	Industrial Visit	29-09-2022
3	Deepawali Circuit Making Competition	20-10-2022
4	Guest Lecture	04-11-2022
5	Mini Project Competition	29-11-2022
6	PPT Presentation On Summer Training	21/12/2022-22/12/2022

5-DAYSWORKSHOP REPORT

OBJECTIVE: -This workshop aims to understand the fundamentals of programming concepts and the skills and techniques needed for basic problem solving using MATLAB and Simulink.

The five day workshop was conducted for the students of EE from 8th Sep to 13th Sep. The invited speaker from CETPA InfoTech Pvt Ltd., Noida delivered lecture and gave knowledge about training and workshop opportunities in the PLC & CETPA.

1. Mr. Ravi Kant discussed on basic concept on PLC. He gave a detailed introduction and discussed its impact in our day- to-day life.

The session held in the workshop was highly interactive and the participating faculty and students of the were greatly benefitted by the knowledge shared by the speaker.

2. Mr. Pawan Kumar shared the basic concept on SCADA. He gave a detailed introduction and discussed its impact in our Everyday life.

The session held was highly interactive and the participating faculty and students of the institute were greatly benefitted by the knowledge shared by the speaker.

3. Mr. Mukesh Kr. Jha shared information on the Python Programming Language and its Scope. He described the difference between Python and other Programming Languages. He also explained the students on how to get started with Python and install it, define functions, library files available etc

4. Mr. kartik Gupta started his talk by giving introduction about IOT. He interacted with students by asking questions about IOT applications. Then He discussed about the applications of IOT in various sectors. He gave brief introduction on components of IOT implementation.

5. Ms. Avneet Kaur shared about the basic knowledge and discussed many tools used in Matlab.



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5 Days Workshop

Organized By
Department of Electrical Engineering

<p>Day 1st Date : 8th September, 2022 Time : 02:00 PM Onwards</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="text-align: center;"> <p>Mr. Ravi Kant Corporate Trainer Sofcon</p> <p>Topic - "PLC"</p> </div> </div>	<p>Day 2nd Date : 9th September, 2022 Time : 10:00 AM Onwards</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <p>Mr. Pawan Kumar Senior Trainer & Project Engineer DIAC, NOIDA</p> <p>Topic - "SCADA"</p> </div>  </div>
<p>Day 3rd Date : 10th September, 2022 Time : 02:00 PM Onwards</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="text-align: center;"> <p>Mr. Mukesh Kr. Jha Senior Software Developer CLOVIA, NOIDA</p> <p>Topic - "PYTHON"</p> </div> </div>	<p>Day 4th Date : 12th September, 2022 Time : 02:00 PM Onwards</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <p>Mr. Kartik Gupta Corporate Trainer CEPTA, NOIDA</p> <p>Topic - "IOT"</p> </div>  </div>
<p>Day 5th Date : 13th September, 2022 Time : 02:00 PM Onwards</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="text-align: center;"> <p>Ms. Avneet Kaur Corporate Trainer CEPTA, NOIDA</p> <p>Topic - "MATLAB"</p> </div> </div>	<p style="text-align: center;">Mode Online</p> <div style="text-align: center;">  <p>Microsoft Teams</p> </div> <div style="text-align: center; margin-top: 10px;"> <p>CO-ORDINATOR</p> <p>Mr. Mirtunjay Kumar Lecturer, EE IIMT College of Polytechnic</p> </div>
<p>PATRON</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Prof. Umesh Kumar Director IIMT College of Polytechnic</p> </div> <div style="text-align: center;"> <p>Dr. Bhaskar Gupta Dean (A) IIMT College of Polytechnic</p> </div> <div style="text-align: center;"> <p>Dr. Suresh Prasad Dean R&D IIMT College of Polytechnic</p> </div> <div style="text-align: center;"> <p>Mr. Achal Kumar HOD - EE IIMT College of Polytechnic</p> </div> </div>	
<p>CO-PATRONS</p>	
<p> www.iimtindia.net @iimtindia @iimtNoida @iimtMeerutGreaterNoida @iimtGroupofColleges </p>	

Figure: creative of workshop

INDUSTRIAL VISIT REPORT

OBJECTIVE: - The objective of this visit was to give students a opportunity to see & Understand various processes involved in manufacturing, fabrication of protection devices.

FACULTY COORDINATORS: -Achal Kumar, HOD, Department of EE, IIMT COP. The Department of Electrical Engineering organized an industrial visit for one-day visit to REI Expo, Greater Noida. This visit was organized on 29th Sep 2022 for, 2nd year and 3rd Year EE students. A total of 35 students visited the Centre. The visit was organized with the prior permission and guidance of Director Mr. Umesh Kumar, Prof in charge Academic Dr Bhaskar Gupta, and Dean R & D Dr. Suresh Prasad and HOD of Electrical Engineering Department Mr. Achal Kumar Faculty members (Mr. Mirtunjay Kumar, Mr. Dharmendra Kumar Sharma and Ms. Sakshi Rana, Ms. Anshumann Anshu) coordinated the visit.



Figure: photos of industrial visit

DEEPAWALI CIRCUIT MAKING COMPETITION REPORT

OBJECTIVE:-To Develop Working Circuits by Brainstorming with All the Knowledge Achieved About Various Electronic and Electrical Components.

FACULTYCOORDINATORS:-Mr. Manoj Kumar, Lecturer of Electrical Department.

CIRCUIT DESIGNING:-This event involves designing of circuits from the available components to generate the desired output challenged in the questionnaire. It's a time-based event and the early better is the strategy need to be followed with a gist of accuracy. An application would be provided to you in-form of a problem and you need to make a circuit for performing that particular experiment using various electronic components and present the required output to the jury members.

SUMMARY OF EVENT:-The event was organized for the evaluation of student's basic knowledge of electric and electronic circuit and makes the festival of Deepawali knowledgeable. Students of 2nd and 3rd year of Electrical Engineering participated in this event. Students participated in this event group Winner.

The poster for the Deepawali Circuit Making Competition features a collage of images on the left, including a glowing LED strip, a circuit board, and various electronic components. The text on the right includes the IIMT logo and name, the department name 'Department of Electrical Engineering', the event title 'Deepawali Circuit Making Competition', the date 'Date : 20th October, 2022', and the names of the judges and coordinator. At the bottom, there is a red banner with social media handles and the website address.

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Department of Electrical Engineering

Deepawali Circuit Making Competition

Date : 20th October, 2022

Judges
Mr. Achal Kumar
HOD

Mr. Rajeev R. Singh
HOD, CE

Coordinator
Mr. Manoj Kumar
Lecturer
8707840722

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Figure: creative of competition

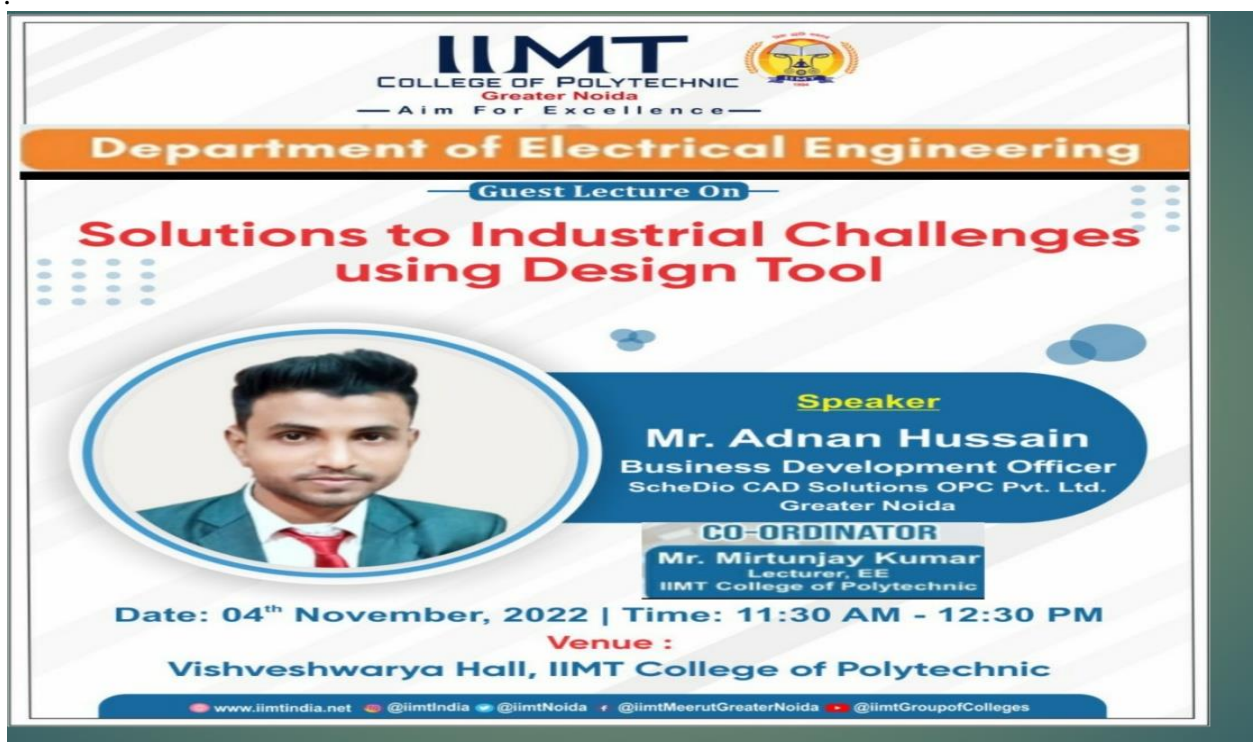
GUEST LECTURE REPORT

OBJECTIVE: -Solution to Industrial Challenges Using Design Tool”. The topic of the speaker was relevant to area of interest / job. Speaker was able to explain the topic clearly & used

BRIEF WRITE UP ON THE PROGRAMME / EVENT: - the resource person for the event, Mr. Adnan Hussain sir was from Schedio cad solutions Opc Pvt ltd greater Noida. He emphasizes sized on diverse software tools used in design industry. The students gained knowledge about the CAD /CAM and solid works 2d & 3d analysis of components. Speaker told the students various challenges in the design industries and their solution.

LEARNING OUTCOME: the lecture by the speaker focused on introduction design software its applications. The session was highly interactive and reflected the related insights into the various advantages of using different tools. The session was beneficial to the 2nd year and 3rd year students for electrical engineering department.

FEEDBACK: Overall development of students and they learned about Design tool and its application to Electrical engineering which is helpful for their career growth.



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Department of Electrical Engineering

Guest Lecture On

**Solutions to Industrial Challenges
using Design Tool**

Speaker
Mr. Adnan Hussain
Business Development Officer
Schedio CAD Solutions OPC Pvt. Ltd.
Greater Noida

CO-ORDINATOR
Mr. Mirtunjay Kumar
Lecturer, EE
IIMT College of Polytechnic

Date: 04th November, 2022 | Time: 11:30 AM - 12:30 PM
Venue :
Vishveshwarya Hall, IIMT College of Polytechnic

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Figure: Creative of guest lecture

MINI PROJECT COMPETITION REPORT

OBJECTIVE: -For that purpose, engineering students have to get a good knowledge of electrical concepts by doing some electrical projects in the final year itself. So, it is very important to concentrate on some electrical mini project ideas to get succeed in engineering. And also, to teach students about the concepts & theories of electric engineering, it is not necessary to formulate complex circuits, but just practice some **simple electrical projects**.

SUMMARY OF EVENT:-

The event was organized for the evaluation of student's basic knowledge of electric and electronic circuit and makes the Mini Project on the basis of basic knowledge. Students of 2nd and 3rd year of Electrical Engineering participated in this event. Student's participated can participated in group of 3 and 4 members. Winner of the Event



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DEPARTMENT OF ELECTRICAL ENGINEERING IS ORGANISING

MINI PROJECT COMPETITION

DATE: 29th November, 2022

Venue -
Project Lab
Electrical Engineering Department

FACULTY COORDINATOR
Ms. Madhu Singh
Lecturer, EE
IIMT College of Polytechnic

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Figure: creative of competition

PPT PRESENTATION ON SUMMER TRAINING REPORT

OBJECTIVE: - to develop working circuits by brainstorming with all the knowledge achieved about various electronic and electrical components.

SUMMER TRAINING: - the summer training is an integral part of the diploma in electrical engineering programmer and aims at achieving the following objectives application of knowledge and techniques learnt in the 3rd year students to real problems and to test out and enrich one's understanding, knowledge and skills. gives an insight into the working of the real organizations gaining deeper understanding in specific functional areas appreciating the linkages among different functions and developing a realistic managerial perspective about organizations in their totality helps in exploring career opportunities in their areas of interest.

declaration given by the student preface table of contents (with consecutive numbering) list of tables and illustrations

ANNEXURE / APPENDICES :- long tables questionnaires & letters typing instructions: paper a4 size margins left = 1.5 inch, right = 1 inch spacing within a sentence: double between words: 1 space

TEXT: - headings types: centre head (all caps, without underlining) 14 font size centre subhead (caps and lower case underlined) 14 font size side head (all caps, without underlining) 14 font size paragraph head followed by a colon (caps & lower case underlined) 12 font size. Quotation it should be placed in quotation marks and double spaced, forming an immediate part of the text, but if a quotation is of a considerable length (more than four or five type written lines) then it should be single-spaced and indented at least half an inch to the right.



Figure: photo of presentation



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SESSION 2021-22

➤ **LIST OF WORKSHOP ARRANGED AND
COURSE MODULE**

List Of Department Activities 2021-22		
S. No	Name Of The Activity	Date
1	Industrial visit report	25-10-2021
2	Guest lecture report	26-10-2021
3	Deepawali circuit making Competition report	27-10-2021
4	Hunar 2k21 report	15-12- 2021
5	Auto Cad electrical report	16-12-2021
6	1 Day Workshop Report	21-04-2022
7	Abhivyakti Club Report	26-04-2022
8	Industrial visit report	27-05-2022

INDUSTRIAL VISIT REPORT

OBJECTIVE: -“Exposure and field visit for problem identification”.

Industrial visit was carried out at SOFCON INDIA PVT. LTD. on 25th October 2021. The main objective behind the visit is to make student aware about the importance of automation and the level of its penetration in the field of electrical engineering. Mr. MIRTUNJAY KUMAR and MS SAKSHI RANA faculty member of department of electrical engg. Along with students of EE left for visit at 9 a.m. and took about an hour to cover the distance.

The students were made aware about the significance of automation, how its need was felt and how it is useful in reducing waste, factory lead times and production cost.

SOFCON INDIA PVT. LTD. is one of the fastest growing automation training companies. The company possesses a rich experience of over 2 decades in providing automation solutions to Indian and overseas industries making them leading training service provider.

Introduction took almost an hour which was followed by detailed explanation of automation process including MATLAB and plc SCADA along with questions of students which was delivered by MR. RAJESH. We appreciate staff member who guided students by guiding each and every question with detailed answers. It is rightly said that “see & know’ is better than read & learn.

the students got a real feel of how the entire automation system control of power system parameters , actually works and how it can be controlled through a software, how automated tools keep control and supervision on all industrial activities through SCADA system. it was a chance to transfer their theoretical knowledge to practical implication. They got to know how the manual handling of large electrical equipments can be replaced by automatic handling saving time and man power. This will benefit students in understanding the subject matter clearly in future also.

We along with student would like to extend our gratitude to the company for the permission and support they gave to make our visit a success. Sincere thanks to our HOD, MR AchalKumar and Mr. Mainuddin for arranging this visit for our students.



The creative features a central graphic of two overlapping wavy bands, one yellow and one red. At the top, there are four logos: Institution's Innovation Council (Ministry of Education Initiative), IIC Cell IIMT College of Polytechnic, IIMT College of Polytechnic Greater Noida (Aim For Excellence), and the IIMT Group of Colleges logo. The main text is in bold blue font. The event details are in black font. The date and time are in a pink box. The patrons are listed in black font. Social media handles are at the bottom.

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

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IIC Cell IIMT College of Polytechnic

**Exposure and field visit
for
problem identification**

SOFCON INDIA PVT. LTD
Noida Sec - 2

Coordinator
Mr. Mainuddin Khan

Organiser
Dept. of Electrical Engineering

Date - 25 Oct, 2021 | Time - 10:00 am

PATRONS

Prof. Umesh Kumar
Director
IIMT College of Polytechnic

Dr. Bhaskar Gupta
President IIC
IIMT College of Polytechnic

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Figure – creative of industrial visit

Guest Lecture on Entrepreneurship and Innovation as career Opportunity

OBJECTIVE:

- Entrepreneurship and Innovation as an alternative career
- Practical entrepreneurial skills & knowledge
- Innovation, research and patent
- Interpersonal skills & Innovation

Summary of Guest Lecturer -In summary, entrepreneurship is an opportunity to create wealth – not only to bring a business idea to fruition. It also has wider impacts. In this instance, we haven't even touched upon the importance of social entrepreneurship and the type of wealth it creates. In simple terms, while building your business case or grant applications – do think about these wider impacts. This gives a better quality and a holistic approach to your business development.



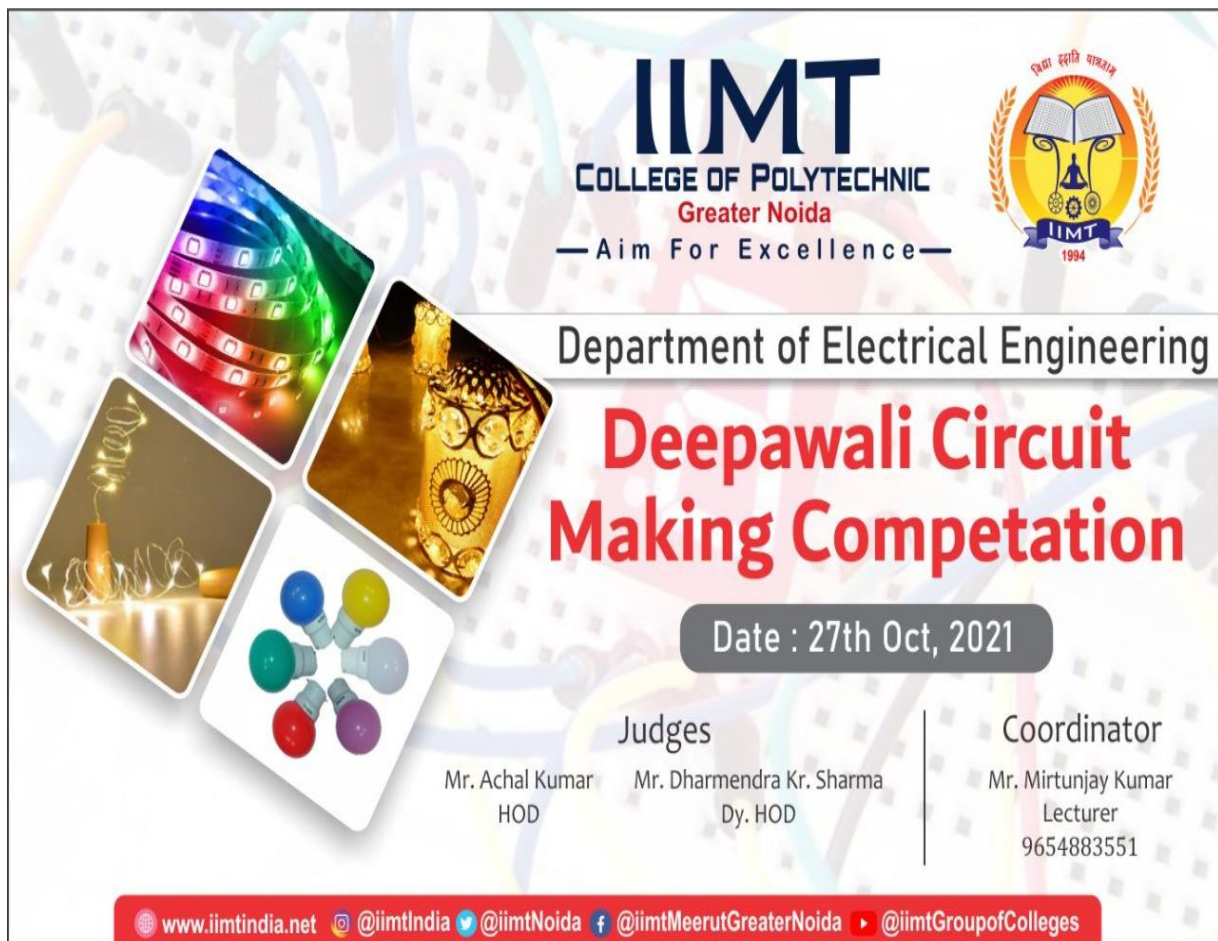
The poster features logos for the Institution's Innovation Council (Ministry of Education Initiative), IIMT College of Polytechnic, and IIMT. It includes a portrait of the speaker, Dr. Bhaskar Gupta, and details about the event: 'Entrepreneurship & Innovation as Career Opportunity' on YouTube Live, organized by Mr. Sunil Kumar and Mr. Dharmendra Kr. Sharma, on October 26, 2021, from 11:30 am to 12:30 pm. Patrons listed are Prof. Umesh Kumar, Director of IIMT, and Dr. Bhaskar Gupta, President of IIC. Social media handles for IIMT and the Innovation Cell are provided at the bottom.

Figure: creative of guest lecture

DEEPAWALI CIRCUIT MAKING COMPETITION REPORT

OBJECTIVE: - To develop working circuits by brainstorming with all the knowledge achieved about various electronic and electrical components..

SUMMARY OF EVENT:-The event was organized for the evaluation of student's basic knowledge of electric and electronic circuit and makes the festival of Deepawali knowledgeable. Students of 2nd and 3rd year of Electrical Engineering participated in this event. Students participated in this event group.



The poster features the IIMT logo and name at the top, followed by the Department of Electrical Engineering. The main title 'Deepawali Circuit Making Competition' is in large red font. Below it, the date 'Date : 27th Oct, 2021' is shown in a grey box. The judges are listed as Mr. Achal Kumar (HOD) and Mr. Dharmendra Kr. Sharma (Dy. HOD). The coordinator is Mr. Mirtunjay Kumar (Lecturer, 9654883551). The bottom of the poster has social media handles for IIMT India, Noida, Meerut, and the group of colleges.

Figure: creative of competition

HUNAR 2K21 REPORT

OBJECTIVE: The aim of the events organized is technical as well as extracurricular which

SUMMARY:- A major activity 'Hunar 2k21' was organized by Iimt college of polytechnic, greater Noida by the department of electrical engineering on 15th dec 2021.

BRIEF WRITE UP ON THE PROGRAM/ EVENT: There are 12 Events including Hunar-2k21 was organized by Iimt College of polytechnic on 15th dec 2021. Where 12 events were conducted and 400+ students are participated in different events. All the students of below 10th/10th/11th/12th/diploma/b-tech/under graduate programs students of any school/colleges were eligible for participation in any event. Participants register their name in all 12 events through online and offline mode. Participants got their e-certificate. 1st winner, 2nd winner and 3rd winner of the every events was got cash prize, winning certificate and medals (gold, silver & bronze) we got more than 10 college's participation of different states. All activity was scheduled at Iimt College of polytechnic. The chief guest of inaugural session was **Dr. Karuna bhalla, retires director of education chair** the event was started with Saraswati vandana and lighting with lamp. in inaugural session **prof. Umesh Kumar & Dr. Karuna bhalla** was started the event after cutting the ribbon & lighting with lamp. Director of Iimt College of polytechnic, prof. Umesh Kumar sir was present in the event. After the competition all the events there was another session that is prize distribution session.



The poster for Hunar 2K21 features the IIMT logo and name at the top. It lists various activities such as Auto Cad, Carpentry, Machining, Free Fire, Ludo Competition, Bridge Making, Poster Making, Singing, Dancing, Rangoli, Circuit Making, and Technical quiz. It also provides contact information for the Faculty and Student Co-ordinators, including phone numbers and email addresses. A QR code is present for more information. The event date is 14th December, 2021, at 10:00 AM. Social media handles for IIMT are listed at the bottom.

Certificate & Medals
Cash Prize

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Hunar 2K21

Auto Cad
Carpentry
Machining
Free Fire
Ludo Competition
Bridge Making

Poster Making
Singing
Dancing
Rangoli
Circuit Making
Technical quiz

Faculty Co-ordinator
Mirtunjay Kumar:- 9654883551
Hitesh Rohilla:- 9990592602
Mainuddin Khan:- 9958382695

Student Co-ordinator
Dushyant Kumar:- 7618125825
Priyank Wishwakarma:- 8447371376
Amit Yadav:- 9650233429

Date : 14th December, 2021 | Time : 10:00 AM
E-mail : mirtunjay_gn@iimtindia.net, mainuddinkhan3044_gn@iimtindia.net

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Figure: Creative of hunar 2k21

AUTOCAD ELECTRICAL REPORT

OBJECTIVE: Its main purpose is to create and modify electrical control systems. Pre – programmed tasks and comprehensive symbol libraries promote design automation, better productivity, reduced errors, and more accurate information for your project designs.

SUMMARY OF GUEST LECTUER: - In summary, auto cad is an important for an electrical engineering. It also has wider impacts in industry. In this instance students get benefited in field of design in electrical engineering. In simple terms, students got knowledge of auto cad – do think about these wider impacts in industry.

If you are in the architectural sector, there is no way that you have yet not understood what a brilliant software auto cad is. Auto cad is computer-aided software by Autodesk that works for engineers, drafters, architects, and other professionals in making 2d drawings and 3d models. Auto cad software is one of the most developed software of its time.



The poster features the IIMT logo and name at the top, followed by the department name and workshop title. It includes the date and time of the event, the speaker's name and title, a portrait of the speaker, and the names of the patrons and coordinator. Social media handles and the website are listed at the bottom.

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Department of Electrical Engineering
— Workshop On —
AutoCAD Electrical

Date: 16th Dec, 2021 | Time: 11:30 AM to 12:30 PM

Speaker
Mr. Rupesh Kumar Jha
Director
Educaed Designs Pvt Ltd.

PATRONS

Prof. Umesh Kumar
Director
IIMT College of Polytechnic

Mr. Achal Kumar
HOD EE
IIMT College of Polytechnic

COORDINATOR
Mr. Hitesh Rohilla
Lecturer
IIMT College of Polytechnic

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Figure: Creative of auto cad electrical

1-DAYSWORKSHOP REPORT

OBJECTIVE: -To understand the fundamentals of programming concepts and the skills and techniques needed for basic problem solving using MATLAB and Simulink.

SUMMARY: -The one day workshop was conducted for the students of, EE, one session from 1:30pm to 4:00pm. The invited speaker from CETPA InfoTech Pvt Ltd., Noida delivered lecture and gave knowledge about training and internship opportunities in the domain of MATLAB and simulation

Ms Avneet Kaur, an expert in MATLAB and simulation at CETPA having rich experience in this area, delivered a talk on basic concept. She gave a detailed introduction to and discussed its impact in our day- to-day life.



The poster is for a workshop titled "MATLAB & SIMULINK" organized by the Department of Electrical Engineering at IIMT College of Polytechnic, Greater Noida. It features the logos of the Institution's Innovation Council and IIMT. The workshop is led by Ms. Avneet Kaur, Corporate Trainer at CETPA, and Chandra Prakash, Business Developed Executive at CETPA. The event is scheduled for April 21st, 2022, from 01:30 PM onwards at Vishveshwarya Hall. Patrons include Prof. Umesh Kumar, Director of IIMT, and Dr. Bhaskar Gupta, President of IIC Cell. The coordinator is Mr. Mirtunjay Kumar, Lecturer in EE. Contact information for IIMT and social media handles are provided at the bottom.

Figure: creative of workshop

Report on Abhivyakti club is organising

OBJECTIVE: The aim of the competition was to entertainment along with including good Values among students.



The poster features a red bucket on the left with a pink ball being tossed into it. The IIMT logo and name are prominently displayed at the top right. The event title 'FUN WITH BALL' is in large, bold, blue letters. Below the title, the date and time are specified. The coordinators' names and roles are listed, along with an entry fee of Rs. 20. Three yellow starburst shapes list the prizes: Cash Prizes, Certificate, and Madels. A 'Rules' box states that every candidate gets 10 chances to throw the ball from a distance of 10 feet. The bottom of the poster includes social media handles and the website URL.

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Abhivyakti Club is Organising

FUN WITH BALL

Date : 26th April, 2022 | Time : 02:00 PM Onwards

Mr. Dharmendra Kumar | Mr. Mirtunjay Kumar
Chief Coordinator | Coordinator

Entry Fee : Rs. 20

Rules
Every Candidate will get 10 Chances to through the Ball
Bucket Distance 10 Feet

Cash Prizes
Certificate
Madels

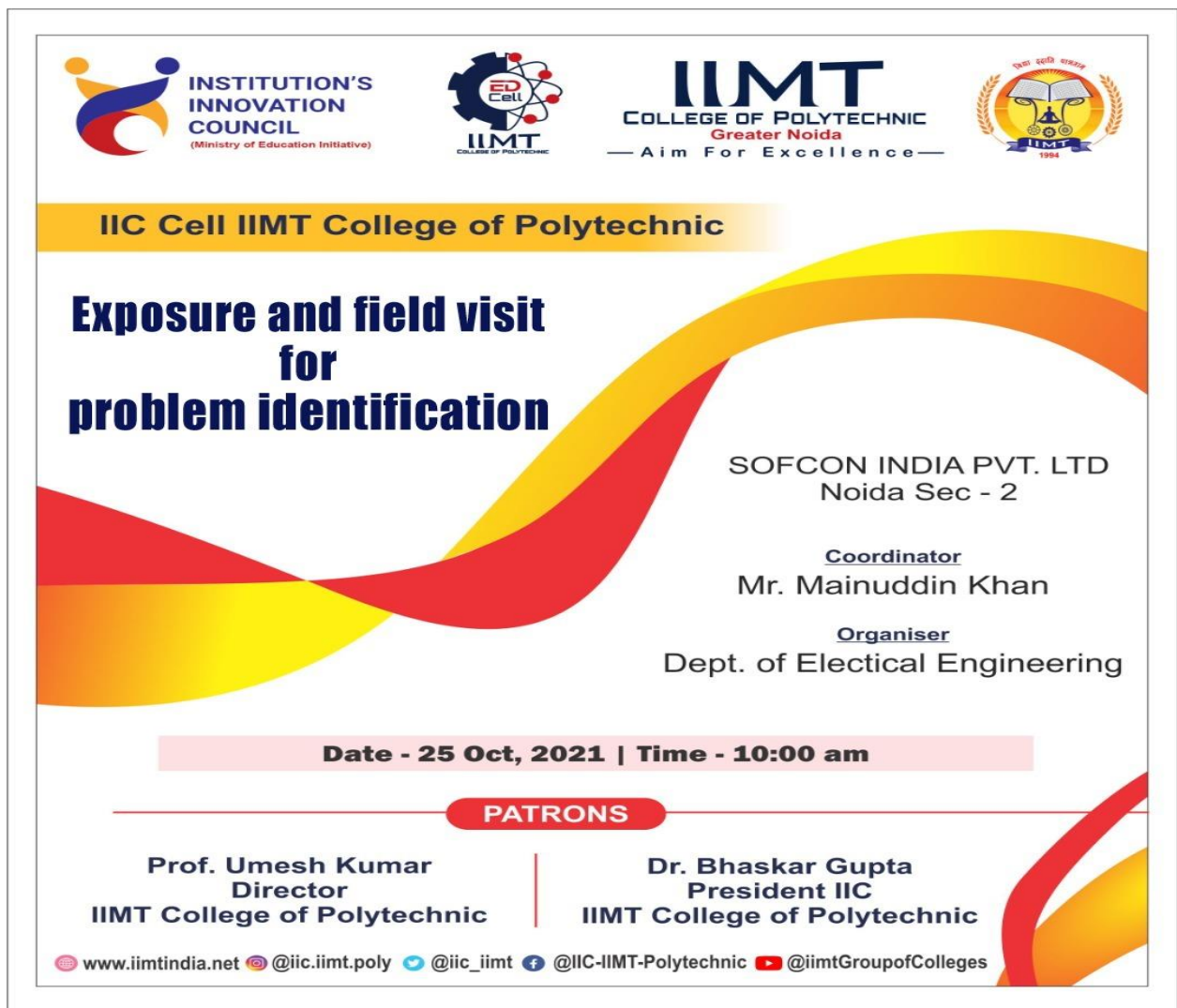
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Figure – creative of Abhivyakti club

INDUSTRIAL VISIT REPORT

OBJECTIVE: -“Exposure and field visit for problem identification”

FACULTY COORDINATORS: - Mr. Mainuddin Khan, lecturer of civil engineering. Industrial visit was carried out at SOFCON INDIA PVT. LTD. on 25th October 2021. The main objective behind the visit is to make student aware about the importance of automation and the level of its penetration in the field of electrical engineering. Mr. MIRTUNJAY KUMAR and MS SAKSHI RANA faculty member of department of electrical engg. Along with students of EE left for visit at 9 a.m. and took about an hour to cover the distance.



The poster features logos for the Institution's Innovation Council (IIC), IIMT ED Cell, IIMT College of Polytechnic, and the IIMT logo. The main title is "Exposure and field visit for problem identification". The event details include the location (SOFCON INDIA PVT. LTD, Noida Sec - 2), the coordinator (Mr. Mainuddin Khan), and the organizer (Dept. of Electrical Engineering). The date and time are 25 Oct, 2021 at 10:00 am. The patrons are Prof. Umesh Kumar (Director) and Dr. Bhaskar Gupta (President IIC). Social media handles for IIMT are listed at the bottom.

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**Exposure and field visit
for
problem identification**

SOFCON INDIA PVT. LTD
Noida Sec - 2

Coordinator
Mr. Mainuddin Khan

Organiser
Dept. of Electrical Engineering

Date - 25 Oct, 2021 | Time - 10:00 am

PATRONS

Prof. Umesh Kumar
Director
IIMT College of Polytechnic

Dr. Bhaskar Gupta
President IIC
IIMT College of Polytechnic

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Figure – creative of industrial visit



SESSION 2020-21

**➤ LIST OF WORKSHOP ARRANGED AND
COURSE MODULE**

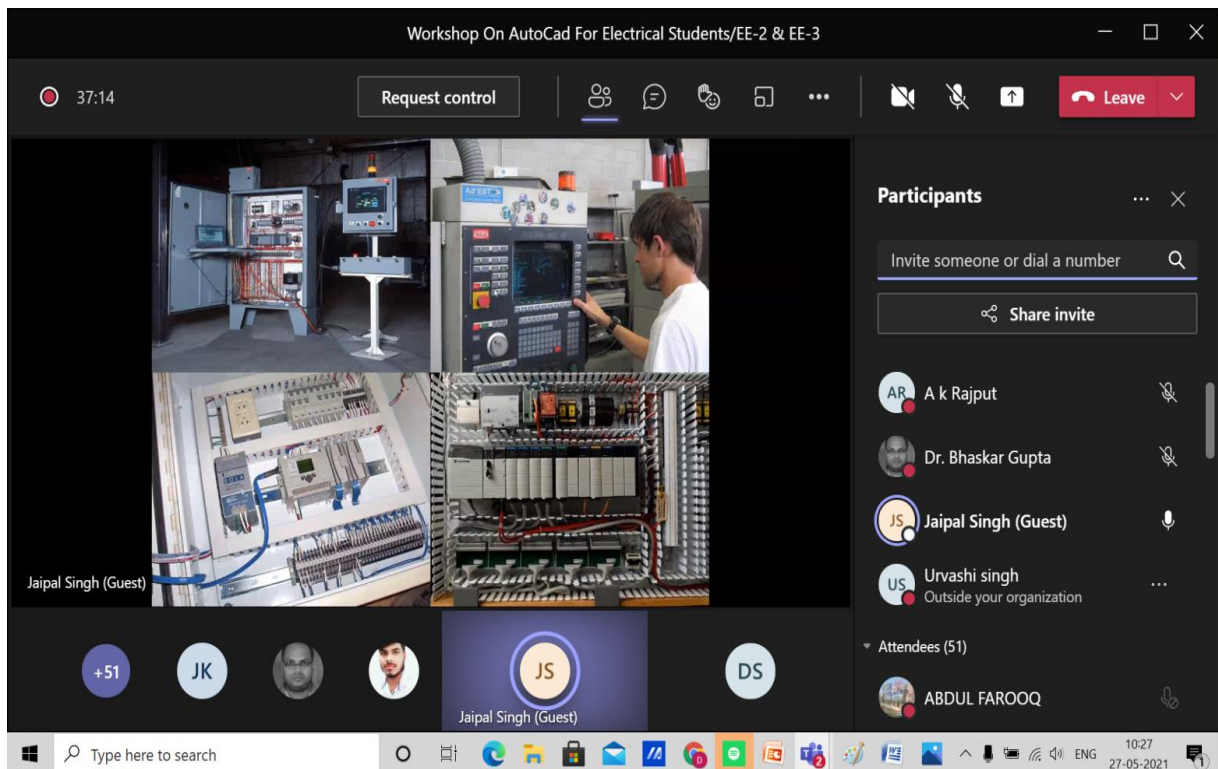


List Of Department Activities 2020-21		
S. No	Name Of The Activity	Date
1	Auto Cad Electrical Report	27-05-2021
2	Commercial Load Estimation Report	16-06-2021
3	On Line Industrial Visit	02-07-2021

AUTOCAD ELECTRICAL REPORT

OBJECTIVE: Its main purpose is to create and modify electrical control systems. Pre-programmed tasks and comprehensive symbol libraries promote design automation, better productivity, reduced errors, and more accurate information for your project designs.

SUMMARY OF GUEST LECTUER: - the workshop was conducted by Mr.Jaipalsingh, cad trainer. For the workshop AutoCAD electrical 2014 version was used. Number of students attended the workshop in two batches were 48. From the workshop students got the basic knowledge to use the AutoCAD electrical which will be useful for them to draw a single line diagram of the industry and 3-d structures. Auto cad is an important for an electrical engineering. it also has wider impacts in industry. In this instance students get benefited in field of design in electrical engineering. In simple terms, students got knowledge of auto cad – do think about these wider impacts in industry.

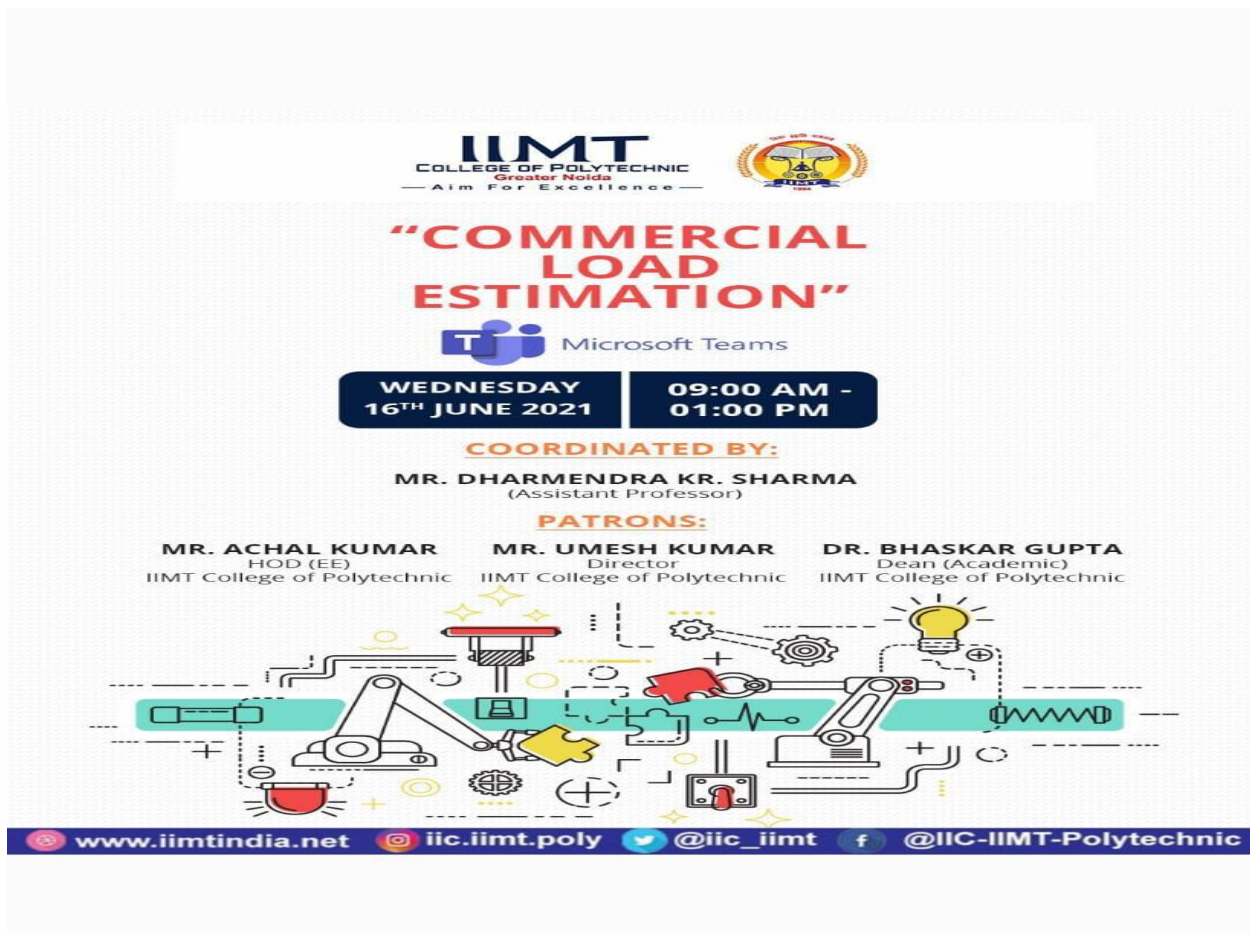


Figure—photos of auto cad lecture live

COMMERCIAL LOAD ESTIMATION REPORT

OBJECTIVE: The topic was relevant to area of interest/job. Commercial load estimation requires analysis of load characteristics and will take into account the demand factor relationship between connected loads and the actual demand imposed on the system.

SUMMARY OF GUEST LECTUER: - commercial power systems are used for premises such as shops, schools, and cinemas. Commercial electrical loads include lighting and air conditioning, for example. Unlike domestic electrical loads, commercial electrical loads are usually active for longer periods of time. Consider, for example, that most shops will have their lights on all day every day, while most households only turn on their lights when it starts to get dark. Commercial electrical load calculation is vital to the running of an efficient and cost-effective business.



The image is a promotional poster for a commercial load estimation session. At the top, it features the IIMT College of Polytechnic Greater Noida logo and the motto 'Aim For Excellence'. The main title is 'COMMERCIAL LOAD ESTIMATION' in large, bold, red letters. Below the title, it indicates the session is on Microsoft Teams. The date and time are 'WEDNESDAY 16TH JUNE 2021' and '09:00 AM - 01:00 PM'. The session is coordinated by Mr. Dharmendra Kr. Sharma, an Assistant Professor. Three patrons are listed: Mr. Achal Kumar (HOD (EE)), Mr. Umesh Kumar (Director), and Dr. Bhaskar Gupta (Dean (Academic)). The bottom of the poster features a colorful illustration of electrical components like a light bulb, gears, and a circuit board, and a footer with social media and website links: www.iimtindia.net, iic.iimt.poly, @iic_iimt, and @IIC-IIMT-Polytechnic.

Figure – Creative of Commercial Load Estimation

ONLINE INDUSTRIAL VISIT REPORT

OBJECTIVE: The objectives of industrial visit are to provide students an insight regarding internal working of companies. We know theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visits provide students a practical perspective on the world of work.

SUMMARY OF INDUSTRIAL VISIT: PRECITECH Systems is a leading supplier of standard, modified standard, custom AC-DC and DC-DC power supplies, power supply test equipment, electronic load, frequency converters, high current rectifiers, high voltage transformers & power supplies and also specialize in system feature enhancement. PRECITECH Systems is also involved in Electrical Audit of facilities and providing turnkey solutions for Installation and Commissioning. PRECITECH Systems aims to best serve its diverse customer base with quality products that are reliable, delivered on time and competitively priced. Precitech Systems delivers power solutions for a diverse range of applications in a variety of industries including defense, telecommunications, networking, process control, test and instrumentation.



Figure – screenshot of attendance