

Detailed Report on Webinar on “Trends and Opportunities in Power Electronics and Control Systems”

Title: Webinar on “Trends and Opportunities in Power Electronics and Control Systems”

Speaker: Mr. Tejas Joshi

Designation: Senior Executive (Power Electronics and Microcontroller Based Systems), Tata Advanced System Limited.

Conducted By: EESA

Mode of conduction: Online

Platform: Google Meet

Date: 21st July 2024 (Sunday)

Time: 5 pm onwards

No. Of participants: 52

Event Recording Link:

<https://drive.google.com/file/d/1qtZ6PEkddRNle0o6jSTa5R1NXZRnOg9m/view?usp=sharing>

Introduction:

On 21st July 2024, Mr. Tejas Joshi, a distinguished professional in the field of power electronics and control systems, conducted an enlightening webinar titled "Latest Opportunities in Power Electronics and Control Systems." Mr. Joshi brings a wealth of academic achievements and professional experience, having earned his Bachelor's degree in Electrical Engineering from the Government College of Engineering Nagpur and a Master's degree in Power Electronics from the Indian Institute of Space Science and Technology. His extensive research activities and accomplishments have earned him recognition in the field.

Objective:

The webinar aimed to delve into Power Electronics and Control Systems, offering valuable insights to students and professionals interested in the field of Electrical Engineering.

Participants:

The webinar attracted 52 enthusiastic participants eager to explore the latest trends and opportunities in power electronics and control systems. These participants consisted of students keen on enhancing their knowledge and understanding in this specialized field. Notably, the event was graced by the presence of Dr. N.D. Ghawghawe Sir, Head of the Electrical Department, and Praful Nandankar Sir, Faculty Coordinator, highlight the department's commitment to promoting academic excellence and industry relevance.

Key Highlights:

- The event commenced at 5:00 pm with anchor Kasturi Bhoge providing a heartfelt welcome to the guest speaker Mr. Tejas Joshi Sir, Head of the Department Dr. N.D. Ghawghawe sir, Faculty Co-ordinator Praful Nandankar sir.
- Mr. Tejas Joshi commenced the webinar with an insightful overview of power electronics, emphasizing its critical role in various technological applications such as renewable energy systems, electric vehicles, and industrial automation. He underscored the importance of control systems in optimizing performance and efficiency
- The presenter delved into the diverse career paths available in the field of power electronics and control systems. Drawing from his own experiences and expertise, Mr. Joshi discussed opportunities in research and development, design engineering, project management, and consultancy across industries such as automotive, aerospace, and renewable energy.
- The webinar featured an engaging question-and-answer session where participants actively interacted with Mr. Tejas Joshi. Attendees raised pertinent questions ranging from technical queries about power electronics to inquiries regarding career pathways and academic pursuits.

Outcome:

- The webinar was a resounding success, offering participants valuable insights into the dynamic field and equipping them with practical knowledge to navigate career opportunities effectively.
- The presence and support of Dr. N.D. Ghawghawe and Mr. Praful Nandankar underscored the collaborative efforts of the Electrical Department in fostering academic growth and industry readiness among students.
- The interactive Q&A session facilitated a deeper understanding of the subject matter and provided a platform for intellectual exchange.

Glimpses of the webinar:



GOVERNMENT COLLEGE OF ENGINEERING, NAGPUR



EESA
presents



Tejas Joshi
Senior Executive (Power Electronics and Microcontroller Based Systems), Tata Advanced Systems Limited

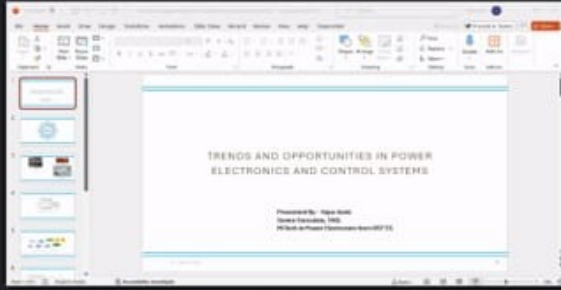

WEBINAR
ON
Trends and Opportunities in Power Electronics and Control Systems

Sunday, 21st July 
At 05:00 PM 

REGISTER NOW

Event Coordinator Sakshi Kawade
Faculty Coordinator Praful Nandankar
HOD, Electrical Dr. N D Ghawghawe
Principal Dr. R P Borkar

Tejas Joshi (Presenting)

Nitin Ghawgh... swayam Jawa... kasturi bhoge Bharat Pande Rohit Bhoge Sahil Mahakal... 42 others Praful Nandan...

5:14 PM | rio-pzqt-yxi

6:01 PM | rio-pzqt-yxi

Tejas Joshi (Presenting)

Block diagram for Fuzzy Oriented Control of Three Phase Motor

5:25 PM | rio-pzqt-yxi

Detailed Report on Webinar on “GATE Exam Insights” by Mr. Tejas Joshi

Title: GATE Exam Insights by Mr. Tejas Joshi

Speaker: Mr. Tejas Joshi

Designation: Senior Executive (Power Electronics and Microcontroller Based Systems), Tata Advanced System Limited.

Conducted By: EESA

Mode of conduction: Online

Platform: Google Meet

Date: 20th July 2024 (Saturday)

Time: 5 pm onwards

No. Of participants: 50

Event Recording Link:

https://drive.google.com/file/d/1e_SlmpK_QVDgZwXsJYyyxjEKfkPzUpVg/view?usp=drive_link

Introduction:

On 20th July 2024, an insightful webinar on the Graduate Aptitude Test in Engineering (GATE) was conducted featuring Mr. Tejas Joshi as the speaker. Mr. Joshi brings a wealth of academic achievements and professional experience, having earned his Bachelor's degree in Electrical Engineering from the Government College of Engineering Nagpur and a Master's degree in Power Electronics from the Indian Institute of Space Science and Technology. His extensive research activities and accomplishments have earned him recognition in the field.

Objective:

The webinar aimed to provide aspiring GATE candidates with valuable guidance and strategies to excel in this prestigious examination.

Key Highlights:

- Mr. Tejas Joshi commenced the webinar by highlighting the importance of GATE in shaping the academic and professional careers of engineering graduates. He emphasized that GATE not only serves as a benchmark for postgraduate admissions but also opens doors to lucrative career opportunities in both public and private sectors.
- Mr. Joshi meticulously explained the structure of the GATE exam, covering its syllabus, marking scheme, and the types of questions asked in each paper. He stressed the significance of thorough preparation and familiarization with the exam pattern to enhance performance.
- He shared valuable tips and strategies to help participants streamline their preparation process. These included creating a study timetable, focusing on core concepts, solving

previous years' papers, and taking mock tests to gauge readiness and identify areas needing improvement.

- Mr. Joshi provided tailored advice for various engineering disciplines covered by GATE. He discussed specific study resources, recommended textbooks, and online platforms that candidates could utilize to strengthen their understanding of core subjects.

Outcomes:

- The webinar facilitated active participation from attendees through a Q&A session, where Mr. Joshi addressed queries related to exam preparation, subject-specific doubts, and career pathways post-GATE.
- Mr. Tejas Joshi served as an invaluable resource for GATE aspirants, equipping them with comprehensive insights, strategies, and motivation to excel in the upcoming examination.
- The session not only clarified doubts but also inspired participants to approach their preparation with confidence and determination.
- The interactive Q&A session facilitated a deeper understanding and provided a platform for intellectual exchange.

Glimpses of the webinar:



Government College of Engineering, Nagpur

EESA
Presents

WEBINAR
on
GATE EXAM
INSIGHTS

20 JULY, 2024

05.00 AM

REGISTER NOW!!

With Tejas Joshi
Senior Executive (Power Electronics and
Microcontroller Based Systems),
Tata Advanced Systems Limited
GATE-2021 AIR 2395 (EE Stream)

Student Coordinator
Sakshi Kawade

EESA Coordinator
Praful Nandankar

HOD, Electrical
Dr. N D Ghawghawe

Principal
Dr. R P Borkar

Tejas Joshi (Presenting)

File Home Insert Draw Design Transitions Animations Slide Show Record Review View Help Teamcenter

File Home Insert Draw Design Transitions Animations Slide Show Record Review View Help Teamcenter

Feel free to ask any questions

Tejas Joshi Praful Nandankar

Nitin Ghawghawe Rohit Bhoge

44 Vidhan Rajput kasturi bhoge

Bharat Pande 43 others

Shivani Gurnule

5:48 PM | rio-pzqt-yxi

kasturi bhoge Praful Nandankar Tejas Joshi Sayali Ther Nitin Ghawghawe

Bharat Pande Dinesh Dilip Majumdar 39 others EESA GCOEN

Reaction bar: 🍷, 👍, 🎉, 🙌, 😄, 😊, 😐, 😞, 🙄

Detailed Report on Webinar on “Watt's Next? From Electrical Engineering to MBA Journey”

Title: Webinar on “Watt's Next? From Electrical Engineering to MBA Journey”

Speaker: Miss. Sanjivani Khekare

Designation: Digital Business Product Manager, ICICI Bank Limited

Conducted By: EESA

Mode of conduction: Online

Platform: Google Meet

Date: 27th July 2024 (Saturday)

Time: 11am onwards

No. Of participants: 45

Event Recording Link: https://drive.google.com/file/d/1bXklbbrWZFJqIFR02-polpyMT46T97Em/view?usp=drive_link

Introduction:

On 27th July 2024, the webinar titled "What's Next? From Electrical Engineering to MBA Journey" was presented by Miss Sanjivani Khekare, who has transitioned from a background in electrical engineering to earning an MBA from IIM Bodh Gaya. The session aimed to provide valuable insights into navigating this career shift and exploring the opportunities that arise from combining technical expertise with business acumen.

Objective:

The webinar was conducted to explore the transition from a career in electrical engineering to pursuing a Master of Business Administration (MBA). This session aimed to provide insights into leveraging an engineering background for a successful MBA journey and subsequent career advancements.

Participants:

The webinar attracted 45 enthusiastic participants which were current students from engineering fields, seeking information on how to integrate an MBA into their career plans. Notably, the event was graced by the presence of Dr. N.D. Ghawghawe Sir, Head of the Electrical Department, and Mr. Praful Nandankar Sir, Faculty Coordinator, highlighting the department's commitment to promoting academic excellence and industry relevance.

Key Highlights:

- The event commenced at 11:00 am with anchor Keshari Dod providing a heartfelt welcome to the guest speaker Miss. Sanjeevani Khekare Ma'am highlighting her academic and professional journey, Head of the Department Dr. N.D. Ghawghawe sir and Faculty Co-ordinator Praful Nandankar sir.
- Miss. Sanjeevani Khekare commenced the webinar by giving an overview of her journey from Government College of Engineering, Nagpur, where she pursued electrical engineering.
- She then shared her transition to MBA at IIM Bodh Gaya with reasons for pursuing an MBA, the motivations behind the career shift and key challenges faced during the transition and strategies used to overcome them.

- The presenter shared how her engineering background provided a strong foundation for her MBA studies, the unique perspective and skills that engineers bring to business management and leadership roles, tips for engineers considering an MBA, including application strategies, choosing the right program, and making the most of the MBA experience with practical advice on balancing work, study, and personal life during the MBA program.
- The webinar featured an engaging question-and-answer session where participants asked questions related to the MBA application process, the balance between engineering and business studies, and career opportunities post-MBA.

Output:

- Miss Khekare shared her personal journey, highlighting how her engineering background was instrumental in her MBA studies and subsequent career growth. Her story provided a realistic perspective on the challenges and rewards of such a transition.
- The speaker emphasized the importance of integrating technical skills with business acumen. Engineers bring valuable problem-solving and analytical skills to MBA programs and business roles, which can be leveraged for career advancement.
- Attendees received actionable advice on the MBA application process, including the importance of a strong personal statement, preparation for entrance exams, and choosing the right MBA program based on career goals.
- The webinar outlined various career paths available to those with both engineering and MBA qualifications, such as roles in management, consultancy, and entrepreneurship.
- The interactive Q&A session facilitated a deeper understanding of the subject matter and provided a platform for intellectual exchange.

Glimpses of the webinar:

GOVERNMENT COLLEGE OF ENGINEERING, NAGPUR
EESA
 PRESENTS

WEBINAR
 ON TOPIC
**WATT'S NEXT?
 FROM ELECTRICAL
 TO MBA JOURNEY**

DATE
 27 JULY

TIME
 11:00 AM

REGISTER NOW

Sanjivani Khekare
 PRODUCT MANAGER
 MANAGEMENT TRAINEE

STUDENT COORDINATOR: KASTURI BHOGE
 EESA COORDINATOR: PRAFUL NANDANKAR
 HOD, ELECTRICAL: DR. N D GHAWSHAWE
 PRINCIPAL: DR. R P BORKAR

@eesa_gcoen

SANJIVANI KHEKARE (Presenting)

WATT'S NEXT?

ELECTRICAL ENGINEERING → MASTER OF BUSINESS ADMINISTRATION

meet.google.com is sharing your screen. Stop sharing Hide

11:08 AM | yfm-irrh-bvc

Participants: SANJIVANI KHEKARE, EESA GCOEN, KESHARI DOD, Bharat Pande, Atharva Mande, Rohit Bhoge, Payal Dhole, Shivani Gurnule, 26 others.

SANJIVANI KHEKARE (Presenting)

LET'S GET TO THE BASICS OF CAT

REGISTRATION BEGINS (AUG) → REGISTRATION ENDS (SEP) → 1 MONTH TO THE EXAM (OCT) → FINAL CAT EXAM (NOV) → RESULTS ARE OUT (DEC)

meet.google.com is sharing your screen. Stop sharing Hide

11:22 AM | yfm-irrh-bvc

Participants: SANJIVANI KHEKARE, 51 Sushant Thakre, KESHARI DOD, Atharva Mande, Rohit Bhoge, Payal Dhole, Manaswi, 34 others, Praful Nandankar.

SANJIVANI KHEKARE (Presenting)

QUANT

- GET BACK TO THE BASICS
- PRACTICE MOCK TEST
- PREVIOUS YEAR PAPERS

VARC

- READ, READ, READ! (NEWSPAPER, AEON ESSAYS, NOVELS)
- PRACTICE MOCK TEST
- PREVIOUS YEAR PAPERS
- DEVELOP COMPREHENSION SKILLS
- WATCH MOVIES THAT WILL HELP YOU DEVELOP LANGUAGE SKILLS.

DILR

- SOLVE PUZZLES, ONLINE/OFFLINE
- GET BACK TO THE BASICS
- PRACTICE MOCK TEST REGULARLY
- PREVIOUS YEAR PAPERS

HOW TO PREPARE?

HOW TO MANAGE ENGINEERING STUDIES AND MBA PREPARATION?

WHICH RESOURCES TO REFER FOR PREPARATION?

meet.google.com is sharing your screen. Stop sharing Hide

11:39 AM | yfm-irrh-bvc

Participants: SANJIVANI KHEKARE, KESHARI DOD, Rohit Bhoge, Payal Dhole, Suchita Wankhede, Manaswi, Sanjivani Khekare, Bharat Pande, 30 others, Shivani Gurnule.

Attendance:

Google Meet Attendance Tracking Report

Meeting Name: yfm-irrh-bvc Date: 27-Jul-2024

Attendance Tracking Started At : 11:37:55 AM
 Attendance Tracking Stopped At : 11:54:25 AM
 Total Number of people Attended : 40
 Total Meeting Duration : 16 min 0s

Detailed Attendance Report [Apply Filter](#)

Number Of People Attended More Than 65% Of Meeting: 30 **Number Of People Attended Less Than 65% Of Meeting: 10**

S.No	Participant Name	Attended Duration	Attended Percentage
1	09 SAI DEODHE	15 min 58s	100%
2	12 - SANJANA DHAGE	16 min 0s	100%
3	16 PRACHI HADKE	15 min 49s	99%
4	29_SAKSHI LANDGE	16 min 0s	100%
5	42 RUSHIKESH POTPITE	16 min 0s	100%
6	51 SUSHANT THAKRE	16 min 0s	100%
7	ANUSHRI GAWANDE	16 min 0s	100%
8	ARSH SHEIKH	16 min 0s	100%
9	ATHARVA MANDE	0 min 54s	6%
10	BHARAT PANDE	16 min 0s	100%
11	CHETAN BARAI	16 min 0s	100%
12	CHHANNU DHUWARE	2 min 54s	19%
13	EE-14 ANUKUL GHOSH	16 min 0s	100%
14	EE-16 NIMISH GOTMARE	16 min 0s	100%
15	EESA GCOEN	16 min 0s	100%

S.No	Participant Name	Attended Duration	Attended Percentage
16	JANHAVI YS	9 min 39s	61%
17	JAVANTA ALONE	7 min 55s	50%
18	KASTURI BHOGE	16 min 0s	100%
19	KESHARI DOD	16 min 0s	100%
20	MANASWI	16 min 0s	100%
21	MANJEET NAIK	16 min 0s	100%
22	OG	3 min 44s	24%
23	PAVAL DHOLE	2 min 13s	14%
24	PAYAL WADBUDHE	16 min 0s	100%
25	PRAFUL NANDANKAR	16 min 0s	100%
26	RAGHAV JOSHI	15 min 20s	96%
27	RITIKA AMTE	16 min 0s	100%
28	ROHIT BHOGE	1 min 52s	12%
29	RUTVIK PARDHE	2 min 13s	14%
30	SAKSHI KAWADE	16 min 0s	100%
31	SANJIVANI KHEKARE	16 min 0s	100%
32	SATYAJEET	4 min 13s	27%
33	SHIVANI GURNULE	16 min 0s	100%
34	SHRIVA LAVETY	16 min 0s	100%
35	SUCHITA WANKHEDE	16 min 0s	100%
36	SWAYAM JAWADE	16 min 0s	100%
37	VEDANT PANDIT	4 min 1s	26%
38	VIVEK BHUTEKAR	16 min 0s	100%
39	YASH BALPANDE	16 min 0s	100%
40	YASH RAUT	15 min 43s	99%

Feedback:

Timestamp	Email Address	Name	Branch	Year of Study	Please provide the feeds	Please provide the feeds	Please provide the feeds	Please provide the feeds	Please provide the feeds	Please provide the feeds	Please provide the feeds	Please provide the feeds	Please provide the feeds	Please provide the feeds	Please provide the feeds	Any further suggestions?
7/27/2024 13:08:05	atharvamande@gmail.com	Atharva Mande	Electrical	4th	5	5	5	5	5	5	5	5	5	5	5	Great session
7/27/2024 13:08:08	anupawar14@gmail.com	Anushi Ganande	Electrical	2nd	4	5	4	5	5	4	5	5	5	5	5	No
7/27/2024 13:08:24	sakshikawade15@gmail.com	SAKSHI ISHWAR KAWA	Electrical	2nd	5	5	4	5	5	5	5	5	5	5	5	No
7/27/2024 13:09:05	saarabhaik@gmail.com	Ansh Sheikh	Electrical	2nd	5	4	4	4	5	4	5	4	5	4	5	No
7/27/2024 13:09:03	ritikam2016@gmail.com	Ritika Ante	Electrical	2nd	5	5	5	5	5	5	5	5	5	5	5	No
7/27/2024 13:11:04	hadkeprachi1@gmail.com	Prachi Sanjay Hadke	Electrical	4th	3	3	3	3	3	3	3	3	3	3	3	No
7/27/2024 13:13:24	sanjanadage@gmail.com	Sanjana Sanjay Dage	Electrical	4th	4	4	4	4	4	4	4	4	4	4	4	No
7/27/2024 13:15:40	wankhedeuchita10@gmail.com	Suchita Shehba wankh	Electrical	2nd	5	5	5	5	5	5	5	5	5	5	5	No
7/27/2024 13:17:54	anukulghosh32@gmail.com	Anukul Ghosh	Electrical	3rd	5	5	4	3	4	4	5	5	5	5	5	Though I don't intend to pursue mba but the webinar have a thorough clarity on various perspectives.
7/27/2024 14:10:34	kesharidod@gmail.com	KESHARI SANJAY DOD	Electrical	2nd	5	4	4	4	5	5	4	5	4	5	5	No
7/27/2024 14:12:15	shogakasturi@gmail.com	Kasturi bhoge	Electrical	2nd	5	5	5	5	5	5	5	5	5	5	5	NA
7/27/2024 15:04:21	shrianguram0@gmail.com	Shriani Gurnule	Electrical	2nd	5	5	5	5	5	5	5	5	5	5	5	Very Good session
7/27/2024 21:10:37	manaswi8338@gmail.com	Manaswi Avinash Patel	Electrical	2nd	5	5	5	5	5	5	5	5	5	5	5	No
7/27/2024 21:12:23	prajwalshriwankar@gmail.com	prajwal shriwankar	Electrical	2nd	4	3	3	4	4	4	4	4	4	4	4	No
7/27/2024 21:12:44	payaldhole1@gmail.com	Payal Dhole	Electrical	2nd	5	4	4	5	5	5	4	4	4	4	4	No
7/27/2024 21:14:22	sumitpansare70@gmail.com	Sumit Sunilrao Pansare	B.sc. Forensic Science	3rd	5	5	5	5	5	5	5	5	5	5	5	No
7/27/2024 21:16:52	nimishgotmare@gmail.com	Nimish Chand Gotmare	Electrical	3rd	5	5	5	5	5	5	5	5	5	5	5	No, the program was conducted satisfactorily
7/27/2024 21:18:40	saiodeodhe011@gmail.com	Sai Deodhe	Electrical	4th	5	5	5	5	5	5	5	5	5	5	5	It was an interactive session. I gained lots of information about CAT and how to manage Engineering and CAT in last three months of the paper
7/27/2024 21:38:54	prathameshnakode334@gmail.com	Prithamesh Nakode	Electrical	3rd	5	5	5	5	5	5	5	5	5	5	5	NA
7/27/2024 21:47:44	sathakre@gcoen.ac.in	Suabart Theatre	Electrical	4th	3	3	4	4	5	5	4	4	4	4	4	A new, Rapid Fire round for the Guest Speaker should be there. And the Questions for the Rapid Fire, would be collected prior, relevant to future
7/28/2024 12:58:46	nyadestmuk217@gmail.com	Riya Deshmukh	Electrical	3rd	5	5	5	4	4	5	5	5	5	5	5	No

Detailed Report on Webinar on “Unlocking Career Paths in UI/UX Design”

Title: Unlocking Career Paths in UI/UX Design

Speaker: Sanika Manikkuwar

Designation:

Conducted By: EESA

Mode of conduction: Online

Platform: Google Meet

Date: 4th August 2024 (Sunday)

Time: 11 am onwards

No. Of participants: 45

Event Recording Link: https://drive.google.com/file/d/1eN4LUHjH-22SNFWrT5GuDtwVzjQxWs5B/view?usp=drive_link

Introduction

On 4th August 2024, a webinar titled "Unlocking Career Paths in UI/UX Design" was conducted by Sanika Manikkuwar Ma'am, a distinguished professional in the field of UI/UX design. Sanika Manikkuwar, known for her extensive experience and insightful knowledge in UI/UX design, provided an in-depth exploration of career opportunities and pathways in this dynamic field. The session aimed to guide participants on how to navigate the various career options available within UI/UX design and to equip them with the necessary skills and knowledge to excel in this industry.

Objectives

The primary objective of the webinar was to:

- Illuminate Career Opportunities:** Highlight the diverse career paths available in UI/UX design, including roles such as UI Designer, UX Researcher, Interaction Designer, and Product Designer.
- Skill Development:** Provide insights into the essential skills and competencies required for each role.
- Industry Trends:** Discuss current trends and future directions in UI/UX design to help participants align their career goals with industry demands.
- Career Advancement Tips:** Offer practical advice on how to advance in a UI/UX career, including portfolio building, networking strategies, and continuous learning.

Key Highlights

- Journey from Bachelor's to Master's in Design:** Sanika Manikkuwar Ma'am shared her transition from a Bachelor of Engineering (B.Tech) at Government College of Engineering, Nagpur, to pursuing a Master's in Design from IIT Guwahati. She detailed how her academic background laid a foundation for her career in UI/UX design and discussed the relevance of her engineering skills in her design work.
- Project Experience and Achievements:** The session highlighted Sanika's involvement in seven major projects during her Master's and B.Tech. She provided

insights into these projects, emphasizing their significance and the skills she developed through them. Her experience as a University Volleyball player was also mentioned, showcasing her versatility and teamwork skills.

3. **Current Role and Projects:** Sanika elaborated on her current role as a UI/UX Designer at Zangoh, where she is leading a project that encompasses both a developer platform and an admin control panel. This part of the session illustrated how her role integrates various aspects of design and development.
4. **Practical Insights and Career Advice:** The session offered practical advice for attendees on transitioning from engineering to design, including how to leverage engineering skills in UI/UX design and strategies for building a strong portfolio. Sanika emphasized the importance of continuous learning and staying updated with industry trends.
5. **Interactive Q&A Session:** An interactive Q&A segment was conducted, where Sanika addressed participants' questions, providing personalized guidance and insights into the UI/UX field. This segment facilitated a deeper understanding of the topics discussed and allowed for real-time engagement.

Outcome

The webinar provided participants with valuable insights and actionable strategies to advance their careers in UI/UX design. Attendees gained a comprehensive understanding of the various career paths available, the skills needed to excel, and the current trends shaping the industry.

Key takeaways included:

- A clear understanding of different UI/UX roles and their career trajectories.
- Knowledge of essential skills and tools for UI/UX design.

Glimpses of the webinar:

GOVERNMENT COLLEGE OF ENGINEERING, NAGPUR
EESA
PRESENTS

**WEBINAR ON
CAREER OPPORTUNITIES
IN UI/UX DOMAIN AFTER
ENGINEERING**

04TH AUG. 11am

REGISTER NOW

SANIKA MANIKKUWAR
UI/UX DESIGNER MANAGER
ZANGOH/NEWZERA TECH LABS PVT. LTD

STUDENT COORDINATOR
Arsh Sheikh

EESA COORDINATOR
Praful Nandankar

HOD ELECTRICAL
Dr. N D Ghawghawe

PRINCIPAL
Dr. R P Borkar

@eesa_gcoen

Sanika Manikkuwar (Presenting)

Guidance and inspirations

D. Uday Kumar
Designer of Our
Business Symbol

Author of Indian Anthropometric
Dimensions for Ergonomic Design
Practices

Dr. Debikumar Chakrabarti
Dr. Sougata Karmakar

Dr. Utpal Barua
Gold medalist in
Systems
Design 2009

Pratul Nandankar	Anushri Gawande	09 Sai Deodhe
Shivani Gurnule	EESA GCOEN	Arsh Sheikh
Sanika Manikku...	21 others	Pratul Nandankar

11:20 AM | sxd-qkkn-xpe

Sanika Manikkuwar	Shreyash Moon	Vedanshu Sute	Pranay Bhoiyar	Bharat Pande	KESHARI DOD	sakshi kawade	Pratul Nandankar
Anushri Gawande	Arsh Sheikh	Purvash Deshmukh	Chetan Barai	09 Sai Deodhe	pranjali khobragade	Bharat Pande	Vedant Pandit
Parimal Deshmukh	Manaswi	Jai Pathak	Shreyash Moon	42 Rushikesh Potp...	Sayali Ther	Atharva Mande	EE-14 Anukul Gho...
Suchita Wankhede	EESA GCOEN	Nimish Mali	Rajan Lawane	16 Prachi Hadke	Gaurav	Jayesh Ambulkar	Hrucha Linge
Niharika Nagpurkar	Himanshu Gadge	Rajni Zade	Shivani Gurnule				

11:43 AM | sxd-qkkn-xpe

Sanika Manikku...	Bharat Pande	Pranay Bhoiyar	Shreyash Moon	KESHARI DOD	sakshi kawade	Anushri Gawande	Shivani Gurnule
Arsh Sheikh	Purvash Desh...	EE-14 Anukul...	EESA GCOEN	Jayesh Ambul...	Chetan Barai	09 Sai Deodhe	16 Prachi Hadke
pranjali khobra...	Bharat Pande	Vedant Pandit	Parimal Desh...	42 Rushikesh ...	Sayali Ther	4 others	Pratul Nandan...

12:00 PM | sxd-qkkn-xpe

Detailed Report on Webinar on “From Idea to Startup: Turning Innovation into Success”

Title: From Idea to Startup: Turning Innovation into Success

Speaker: Prof. Krishnagandhi Pachiappan

Designation:

Conducted By: EESA in association with IIC

Mode of conduction: Online

Platform: Google Meet

Date: 4th August 2024 (Sunday)

Time: 5 pm onwards

No. Of participants: 40

Event Recording Link:

https://drive.google.com/file/d/1SQQyvT68LIDzZVFNwDLuOH7I9h20GQIb/view?usp=drive_link

Introduction:

On 4th August 2024, Prof. Krishnagandhi Pachiappan Sir hosted an insightful webinar titled “From Idea to Startup: Turning Innovation into Success.” This event was designed to guide aspiring entrepreneurs and innovators through the challenging yet rewarding journey of transforming a groundbreaking idea into a successful startup. Prof. Pachiappan, renowned for his expertise in entrepreneurship and innovation, brought a wealth of knowledge and experience to the discussion, offering valuable advice and practical strategies for participants.

Objective:

The primary objective of the webinar was to provide a comprehensive roadmap for turning innovative ideas into successful startups. The session aimed to:

1. Illuminate the process of refining and validating business ideas.
2. Offer strategies for effective startup management and growth.
3. Share insights into overcoming common entrepreneurial challenges.
4. Equip participants with tools and techniques for practical implementation and scaling.

Key Highlights:

1. Introduction and Context:

- **Welcoming Key Figures:** The session opened with a warm welcome to Prof. Krishnagandhi Pachiappan, Dr. N.D. Ghawghawe, Prof. Praful Nandankar,

and all attendees set the stage for an engaging discussion on transforming innovative ideas into successful startups.

- **Speaker Introduction:** Prof. Pachiappan's extensive background in Electrical and Electronics Engineering and his entrepreneurial ventures were highlighted, emphasizing his credentials and achievements.

2. Transforming Ideas into Startups:

- **Innovative Mindset:** Prof. Pachiappan discussed the importance of cultivating an innovative mindset and understanding market needs to validate and refine business ideas.
- **Business Model Canvas:** He introduced the Business Model Canvas as a strategic tool for mapping out the essential components of a startup, including value propositions and revenue streams.

3. Strategies for Startup Success:

- **Effective Team Building:** The webinar covered best practices for assembling a strong, skilled team and fostering effective leadership to drive the startup's growth.
- **Funding and Investment:** Various funding options were explored, with practical advice on how to attract and pitch to investors.

4. Overcoming Challenges:

- **Navigating Obstacles:** Prof. Pachiappan shared strategies for overcoming common challenges in the startup journey, emphasizing resilience and adaptability.
- **Real-life Success Stories:** The session included success stories and practical examples to inspire and guide participants through their entrepreneurial endeavors.

5. Interactive Q&A Session:

- **Participant Engagement:** The floor was opened for a dynamic Q&A session, allowing attendees to ask questions and gain personalized insights from Prof. Pachiappan.

Output:

The webinar successfully equipped participants with actionable insights and practical tools to transform their innovative ideas into thriving startups. Attendees gained a clearer understanding of the startup journey, from initial concept validation to growth and scaling. The session facilitated interactive discussions, allowing participants to engage with Prof. Pachiappan and ask questions specific to their entrepreneurial interests.

Glimpses of the webinar:



Government College of Engineering, Nagpur

EESA
Presents

WEBINAR ON
FROM IDEA TO
STARTUP: TURNING
INNOVATION INTO
SUCCESS

04 AUG, 2024
05.00 PM

REGISTER NOW!!

Prof. Krishnagandhi Pachiappan
Entrepreneur - Mahalakshmi Healthcare,
Co-founder - Firechip Education
Technology Pvt Ltd.
Innovation Ambassador - IPR &
Technology Transfer

Student Coordinator Shivani Gurnule	EESA Coordinator Praful Nandankar	HOD, Electrical Dr. N D Ghawghawe	Principal Dr. R P Borkar
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Detailed Report on Seminar on “Insights on Higher Studies”

Title: Seminar on “Insights Higher Studies”

Speaker: Lalit and Ajay Paigwar Sir

Conducted By: EESA

Mode of conduction: Offline

Venue: Annex building Room No.110

Date: 8th August 2024 (Thursday)

Time: 2 pm onwards

No. Of participants: 100

Link: <https://drive.google.com/drive/folders/1ELFkHf449rhHTFA56YAbQ-M7qQHK7Tcd>

Introduction:

On 8th August 2024, the Electrical and Electronics Students Association (EESA) organized a comprehensive seminar aimed at providing valuable insights into various higher education pathways. The event was held at the university auditorium and featured expert speakers Lalit and Ajay Paigwar. The seminar was designed to address the increasing interest among students in pursuing advanced degrees and furthering their academic and professional careers.

Participants:

The seminar attracted 100 students, primarily from the Electrical Engineering department. The attendees were from various stages of their academic journey, including 2nd, 3rd, and 4th-year undergraduate students. This diverse group of participants was keen on exploring different avenues for higher studies, including the Graduate Aptitude Test in Engineering (GATE), Master of Business Administration (MBA), and opportunities for studying abroad.

Key Highlights:

- The seminar began with an engaging introduction by the anchor, Prathamesh Nakade. Following the introduction, the guests were formally felicitated by the Head of Department Dr. N.D. Ghawghawe Sir.
- **GATE Preparation and Career Prospects:**

- Sir delivered an in-depth analysis of the GATE exam, addressing preparation strategies, key subjects, and the exam's significance for advanced studies in engineering.
- Sir offered practical advice on study techniques, resource utilization, and time management to help students succeed in the GATE exam.
- The discussion included the potential career paths and academic opportunities unlocked by a strong GATE score, such as pursuing M.Tech, Ph.D., research, and teaching roles.
- **MBA Pathways and Industry Insights:**
 - Sir provided a comprehensive overview of the MBA journey, including entrance exams like CAT, GMAT, and GRE.
 - He emphasized the transformative impact of an MBA on career opportunities, managerial skills, and leadership roles across diverse industries.
 - Key topics included selecting the right business school, interview preparation, and maximizing the benefits of an MBA program.
- **Studying Abroad and Scholarships:**
 - Presented detailed insights on studying abroad, covering application processes, program selection, and cultural adjustments.
 - They discussed various scholarships and financial aid options available for international students, including application tips and eligibility criteria.
 - Practical advice on managing expenses, securing funding, and making informed decisions about studying abroad was shared, helping students navigate the complexities of international education.

Outcomes:

1. Enhanced Understanding:

- The seminar provided participants with a clear understanding of the GATE exam, MBA programs, and opportunities for studying abroad. The expert advice helped demystify these pathways and offered practical guidance for navigating them.

2. Actionable Advice:

- Attendees received actionable strategies for preparing for the GATE exam,

pursuing MBA studies, and applying for scholarships. The practical tips and examples offered by the speakers were highly valued by the participants.

3. Increased Awareness:

- The seminar effectively raised awareness about the various higher education opportunities and the resources available to support students. It highlighted the importance of informed decision-making in shaping their academic and career trajectories.

4. Networking Opportunities:

- The event facilitated networking among students with shared academic interests and career goals, fostering a collaborative environment and a sense of community among future professionals.

Conclusion:

The detailed sessions on GATE preparation, MBA pathways, and studying abroad equipped students with essential knowledge and practical strategies. The expert insights into scholarships and financial aid further empowered students to navigate their educational and career choices more effectively. Overall, the seminar not only provided crucial information but also inspired and motivated students to pursue their academic goals with clarity and confidence.

Glimpses of the webinar:





Attendance:

Government College of Engineering, Nagpur
Department of Electrical Engineering
Expert Session on "Higher Studies" (2024-25)

Sr. No.	Name of Student	Signature	Year
1	Rashar M. Joshi	[Signature]	1st year
2	Ashwini Mande (4th yr)	[Signature]	4th year
3	Rohit Bhaje	[Signature]	4th year
4	Janhavi Holay	[Signature]	4th year
5	Yash P. Kunt	[Signature]	4th year
6	Sasi N. Dhadhe	[Signature]	4th year
7	Naikhar B. Wandre	[Signature]	4th year
8	Rohan V. Nandansary	[Signature]	4th year
9	Anukul Kamble	[Signature]	4th year
10	Sahil Shabare	[Signature]	4th year
11	Akshay S. Dhobe	[Signature]	2nd year
12	Anand R. Nandapthane	[Signature]	2nd year
13	Shruti P. Dakhbratan	[Signature]	2nd year
14	Devyani M. Wadskar	[Signature]	2nd year
15	Babita Gedam	[Signature]	2nd year
16	Chaitali S. Shikre	[Signature]	2nd year
17	Sakshi M. Ghogane	[Signature]	3rd year
18	Shalika Ghureshi	[Signature]	2nd year
19	Damini Jelane	[Signature]	2nd year
20	Pratiksha Singh	[Signature]	2nd year
21	Suraj Aher	[Signature]	4th year
22	Aniket S. Dhote	[Signature]	4th year
23	Yash Khandare	[Signature]	4th year
24	Vedant Pandit	[Signature]	2nd year
25	Yash Balpande	[Signature]	2nd year
26	Ashvina M. Lotte	[Signature]	3rd year
27	Neha Malade	[Signature]	2nd year
28	Ritika Amte	[Signature]	2nd year

Government College of Engineering, Nagpur
Department of Electrical Engineering
Expert Session on "Higher Studies" (2024-25)

Sr. No.	Name of Student	Signature	Year
29	Sakshi Kawade	[Signature]	2nd year
30	Jayshri Utara	[Signature]	2nd year
31	Janhavi Soyam	[Signature]	3rd year
32	Sanjana Dasture	[Signature]	2nd year
33	Rutika Bahrawar	[Signature]	3rd year
34	Dipti Humshe	[Signature]	3rd year
35	Bhargavi Sahankar	[Signature]	4th year
36	Ashwini Lavety	[Signature]	4th year
37	Haryshada Wadkar	[Signature]	4th year
38	Anjali Kawarkar	[Signature]	4th year
39	Anisha W. Sarode (EE-53)	[Signature]	4th year
40	Riya R. Asatke (5th)	[Signature]	3rd year
41	Sakshi Kandeep Landge	[Signature]	4th year
42	Ujjwal M. Kulkarni	[Signature]	4th year
43	Samir R. Moon	[Signature]	4th year
44	Anoop D. Deswar	[Signature]	4th year
45	Vidhan Singh Rajput (EE-39)	[Signature]	4th year
46	Sushiksha A. Bhatnagar (EE-3)	[Signature]	3rd year
47	Ashwini Bais (EE-02)	[Signature]	3rd year
48	Nimish S. Gotmare	[Signature]	3rd year
49	Bhargat Pande	[Signature]	2nd year
50	Shivani Gannule	[Signature]	3rd year
51	Sayali Ther	[Signature]	3rd year
52	Miram Lote	[Signature]	3rd year
53	Jayanta Alone	[Signature]	3rd year
54	Pranali Bhoyar	[Signature]	2nd year
55	Buchita Wankhede	[Signature]	2nd year
56	Chetan T. Baral	[Signature]	2nd year

Government College of Engineering, Nagpur
Department of Electrical Engineering
Expert Session on "Higher Studies"

Sr. No.	Name of Student	Signature	Year
57	Sachin Sahani	[Signature]	2nd year
58	Prasanna Chivame	[Signature]	2nd year CE
59	Anushika Tikale	[Signature]	2nd year CE
60	Anushka Gowande	[Signature]	2nd year EE
61	Kasturi Bhaje	[Signature]	2nd year EE
62	Prayal Mohle	[Signature]	2nd year EE
63	Mansi Kamange	[Signature]	2nd year EE
64	Diplanshi Thilakar	[Signature]	2nd year EE
65	Saibhak Damkawle	[Signature]	2nd year EE
66	Swajay Manmode	[Signature]	2nd year EE
67	Rohan Padat	[Signature]	2nd year EE
68	Pranayush C. Bhayre	[Signature]	2nd year EE
69	Mrunalaya Dekaparkar	[Signature]	2nd year EE
70	Ash Shikhi	[Signature]	2nd year EE
71	Kaushik Bhandarkar	[Signature]	2nd year EE
72	Mohit S. Sarawade	[Signature]	2nd year EE
73	Ture Dnyaneshwar	[Signature]	2nd year EE
74	Suraj D. Bhutto	[Signature]	2nd year EE
75	Sujal Subhash Pawar	[Signature]	2nd year EE
76	Muzzamil P. Shaikh	[Signature]	2nd year EE
77	Jagdish D. Rokhwar	[Signature]	2nd year EE
78	Prasad S. Selokar	[Signature]	2nd year EE
79	Vivek S. Bhutkar	[Signature]	2nd year EE
80	Pratik U. Agrekar	[Signature]	2nd year EE
81	Ashwin R. Avasthi	[Signature]	2nd year EE
82	Prashant S. Sukhede	[Signature]	2nd year EE
83	Chetan M. Thombare	[Signature]	2nd year EE
84	Tushar P. Limure	[Signature]	3rd year EE

Government College of Engineering, Nagpur
Department of Electrical Engineering
Expert Session on "Higher Studies"

Sr. No.	Name of Student	Signature	Year
86	Urvashi C. Patil	[Signature]	3rd year
87	Girish C. Thawar	[Signature]	3rd year
88	Sujesh Hiwari	[Signature]	2nd year
89	Mohit G. Bawankar	[Signature]	3rd year
90	Mahil Mahalkar	[Signature]	3rd year
91	Kaushal P. Yelme	[Signature]	3rd year
92	Aadash Kumbhargade	[Signature]	3rd year EE
93	Vaibhav Patil	[Signature]	3rd year EE
94	Omesh R. Borhade	[Signature]	III year EE
95	Swarnam A. Gawade	[Signature]	3rd year EE
96	Jay R. Ugale	[Signature]	3rd year EE
97	Pranav Patil	[Signature]	3rd year EE
98	Pranav Patil	[Signature]	3rd year EE

Feedback:

1	Timestamp	Email Address	Name	Branch	Year of Study	Please provide the feedb	Please provide the feedb	Please provide the feedb	Please provide the feedb	Please provide the feedb	Please provide the feedb	Please provide the feedb	Please provide the feedb	Please provide the feedb	Any further suggestions?
2	8/8/2024 15:10:12	vedantpandit107@gmail.com	Vedant Pandit	Electrical	2nd	5	5	5	5	5	5	5	5	5	5 Amazing session...
3	8/8/2024 15:18:19	pppfil@gmail.com	Pratul Vijay Nandankar	Electrical	Others	5	5	5	5	5	5	5	5	5	5 Everything is perfect
4	8/8/2024 15:52:38	rtikante2005@gmail.com	Ritika Arnte	Electrical	2nd	5	5	5	5	5	5	5	5	5	5 -
5	8/8/2024 15:53:11	nannawarshubham70@gmail.com	Shubham Prabhakar Nar	Electrical	2nd	5	5	5	5	5	5	5	5	5	5 No
6	8/8/2024 16:01:36	yogeshkhondare61@gmail.com	Yogesh Sanjay Khondare	Electrical	4th	1	1	1	1	1	1	1	1	1	1 Don't do it
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8	8/8/2024 16:02:56	ryybadhe1503@gmail.com	Riya Badhe	Electrical	4th	5	4	5	4	4	5	5	5	4	5 No
9	8/8/2024 16:05:05	anjalkawalkar026@gmail.com	Anjali Kawalkar	Electrical	4th	5	5	4	4	4	5	4	4	4	5 Na
10	8/8/2024 16:05:57	shriyasy3@gmail.com	Shriya Lavety	Electrical	3rd	5	5	5	5	5	5	5	4	4	5 -
11	8/8/2024 16:06:00	bhargavisaharkar02@gmail.com	Bhargavi Saharkar	Electrical	3rd	4	3	3	3	3	3	3	3	3	2 No
12	8/8/2024 16:07:38	rutikabahirwar@gmail.com	Rutika Ramesh Bahirwar	Electrical	2nd	5	5	5	5	5	5	5	5	5	5 No
13	8/8/2024 16:18:16	prathameshshakade534@gmail.com	Prathamesh Nakade	Electrical	3rd	5	5	5	5	5	5	5	5	5	5 Amazing session, so many really checks but eye opening session.
14	8/8/2024 16:19:18	Sanjivadasdure2005@gmail.com	Sanjiv Sanjay Dadure	Electrical	3rd	5	5	5	5	5	5	5	5	5	5 No
15	8/8/2024 16:19:43	alhanabais655@gmail.com	Alhanva Bais	Electrical	3rd	5	5	5	5	5	5	5	5	5	5 No
16	8/8/2024 16:23:18	dipthashe335@gmail.com	Dipti Hanshe	Electrical	3rd	3	3	3	3	3	3	3	3	3	3 No
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18	8/8/2024 16:36:53	prajwalshirame3@gmail.com	Prajwal Shirame	Electrical	2nd	5	5	4	4	4	5	4	4	4	5 .
19	8/8/2024 16:46:34	mohitbawankar1708@gmail.com	Mohit Bawankar	Electrical	3rd	5	5	5	5	5	5	5	5	5	5 No.
20	8/8/2024 16:46:42	urjitakarni19@gmail.com	Urjita Kulkarni	Electrical	4th	4	4	3	3	3	4	4	4	4	4 No
21	8/8/2024 16:50:50	ayayushselukar@gmail.com	Ayushi Selukar	Electrical	3rd	3	3	3	3	3	3	3	3	3	3 .
22	8/8/2024 16:08:25	wandhev75@gmail.com	Vaibhav Wandre	Electrical	4th	4	5	5	5	5	5	4	4	4	5 Na
23	8/8/2024 19:04:17	nimishgotmare@gmail.com	Nimish Sharad Gotmare	Electrical	3rd	5	5	5	5	5	5	5	5	5	5 The program was organised Satisfactorily.
24	8/8/2024 19:37:25	anugawande24@gmail.com	Anushri Gawande	Electrical	2nd	5	5	5	5	5	5	5	5	5	5 No
25	8/8/2024 19:51:43	shivani.gumule00@gmail.com	Shivani Gumule	Electrical	2nd	5	5	5	5	5	5	5	5	5	5 Very Good Session

Event Report: Student Solar Ambassador Program

Title: Student Solar Ambassador Program

Conducted by: EESA

Mode of Activity: Offline

Date: 2nd of October 2024 (Wednesday)

Time: 10 am onwards

Total Students present in Induction: 80

Introduction

The Student Solar Ambassador Program, organized by EESA (Electrical Engineering Students Association) in collaboration with the Energy Swaraj Foundation, was successfully held with 78 enthusiastic participants. This event aimed to promote solar energy awareness and equip students with practical skills in solar technology. The program brought together students, faculty, and esteemed guests, highlighting the importance of renewable energy in today's world.

Event Highlights

The program unfolded in several engaging segments, setting a lively and inspiring atmosphere:

1. **Welcome and Introduction:** The host opened the event by expressing excitement and welcoming all participants, emphasizing the importance of sustainability and innovation.
2. **Acknowledgment of Esteemed Guests:** Acknowledgment of distinguished guests was made, with specific invitations extended:
3. **Program Introduction:** The Host introduced the Student Solar Ambassador Program, detailing its goals to equip students with knowledge and resources to promote solar energy and sustainability.
4. **Introductory Video:** A short, enlightening video presented by Professor Chetan Singh Solanki highlighted the significance of solar energy, setting the stage for the day's activities.
5. **Solar Anthem:** Participants joined together to sing the Energy Swaraj Foundation's Solar Anthem, creating a sense of unity and purpose.
6. **Speeches:**
 - **Head of Electrical Engineering Department, Dr. R.S. Surjuse:** Shared

motivating insights about the importance of renewable energy education.

- **Guest of Honour, Dr. N.D. Ghawghawe:** Recognized for his role in introducing the program, he inspired participants with his vision for solar energy advocacy.
 - **Principal, Dr. R.P. Borkar:** Emphasized the institution's commitment to sustainability and the importance of student engagement in environmental initiatives.
7. **Sun Pledge Ceremony:** Participants stood together to recite the “Sun Pledge,” committing themselves to advocate for solar energy and sustainability.
 8. **Distribution of Solar Kits:** Each participant received a solar kit, which represents not just materials for hands-on learning, but also a step towards a sustainable future.
 9. **Assembly of Solar Kits:** Participants proceeded to designated rooms for the hands-on assembly of their solar kits, enhancing their practical skills and teamwork.
 10. **Group Photo:** After the assembly, all gathered in the quadrangle for a memorable group photo session, capturing the spirit of the event.

Outcomes

The Student Solar Ambassador Program successfully achieved the following outcomes:

- **Enhanced Awareness:** Participants developed a deeper understanding of solar energy technologies and their significance.
- **Practical Skills Development:** Hands-on activities equipped students with valuable skills in solar technology assembly.
- **Community Engagement:** The Sun Pledge Ceremony inspired participants to act as ambassadors for solar energy in their communities.
- **Networking Opportunities:** Participants connected with faculty and industry experts, fostering potential future collaborations.
- **Positive Impact:** The event galvanized students to become advocates for renewable energy, contributing to a broader movement towards sustainability.

In summary, the Student Solar Ambassador Program was a remarkable success, inspiring participants and equipping them with knowledge and resources to promote solar energy and sustainability. The collaboration between EESA and the Energy Swaraj Foundation is a significant step towards fostering a more sustainable future.

Glimpses of the event:



The host opening the event



New Khapri, Maharashtra, India
3325+PXM, opp. Government Engineering College, New Khapri, Maharashtra 441108, India
Lat 21.051675°
Long 79.059921°
02/10/24 11:12 AM GMT +05:30

GPS Map Camera

Guest of honour Dr. N.D. Ghawghawe Sir Sharing his words of inspiration



Enlightening video presented by Professor Chetan Singh Solanki highlighted the significance of solar energy



Participants taking the “Sun Pledge,” commit themselves to advocate for solar energy and sustainability.



Assembly of Solar Kits



A memorable group photo session



Capturing the spirit of the Student Solar Ambassador Program

Report on EE student's Induction by EESA committee

Title: Induction Program

Conducted by: EESA

Mode of Activity: Offline

Date: 17th of September 2024 (Tuesday)

Time: 3:00 pm to 5:00 pm

Total Students present in Induction: 31

Introduction:-

The Electrical Engineering Student Association (EESA) organized an induction program for first-year electrical engineering students to facilitate their transition into university life. The program aimed to provide essential information about the curriculum, university resources, and opportunities for personal and professional development.

Event Highlights: -

On 17th September 2024, a student induction program was conducted by the EESA committee for the fresher students who were admitted to the Department of Electrical Engineering. The purpose of the program was to provide much-needed guidance to the students for the first time.

- The Induction commenced with the Vice President of EESA Yash Balpande grabbing the student's attention and explaining about the student's association. He then introduced the faculties in charge HoD R.S Surjuse and the Faculty Coordinator of the Electrical and Core Committee of EESA followed by executive members. The mic then got handed over to the General Secretary Shivani Gurnule who briefly explained the vision and mission of EESA and the objectives behind the association. The Presentation ended with President Bharat Pande interacting with the freshers and elaborating on flagship events Inventrix and Spark organized by the EESA every year. Later the students also interacted with the faculty of the Electrical engineering department who guided the students.
- Later on, the students were given a tour of the Annex Building where they learned about the whereabouts of the Training and Placement cell, industrial and Innovation cell, and different labs within the building.

- Following this, the students visited the Main building, the Quadrangle, the Playground, and finally the Gymkhana where they played some indoor games after which they were bid farewell with a promise to meet soon during various events organized by EESA.

Outcome:

The induction program resulted in several positive outcomes:

- **Increased Awareness:** Students reported a better understanding of the curriculum and university resources, which will aid in their academic planning.
- **Enhanced Connections:** Many students expressed feeling more connected to the department and eager to engage with faculty and peers.
- **Boosted Confidence:** Participants noted increased confidence in navigating university life, thanks to insights shared during the panel discussion.
- **Follow-up Interest:** A significant number of students expressed interest in joining EESA and participating in future events, indicating a desire for continued involvement.
- **Resource Utilization:** Students indicated a willingness to use the academic support services introduced during the program, which could lead to improved academic performance.

Glimpses of the event:





Report on Engineer's Day event

Date: 24th September 2024

Venue: Room no. 2, Auditorium, Main Building

Time: 3:00 p.m. to 5:00 p.m.

Mode of Conduction: Offline

Number of Participating Teams:

Glimpses of the Engineer's Day event:

https://drive.google.com/drive/folders/1x0-U3OHJHa_NH5JTRAvN9xo0RjaPwp2e

Introduction:

The Electrical Engineering Students Association (EESA) celebrated Engineer's Day with tremendous enthusiasm, hosting a diverse range of activities on the 24th of September. The event aimed to pay homage to engineers and their remarkable contributions to society while fostering a spirit of creativity and innovation among participants. The event was a vibrant mix of knowledge-sharing, teamwork, and friendly competition, designed to ignite enthusiasm and appreciation for the engineering field among students and faculty alike.

Event Highlights:

- The event commenced with a warm welcome from our host, Keshari Dod, who set an enthusiastic tone for the day. The presence of our honourable, Dr. N.D Ghawghawe Sir, , Professor Neha Khadse Ma'am and Professor Sahare Ma'am, was acknowledged.
- Dr. N.D Ghawghawe Sir addressed the audience, highlighting the significance of Engineers' Day. He reiterated the remarkable contributions of engineers and their role as problem solvers and innovators in today's society.
- Following the opening remarks, the event transitioned into a quiz competition designed to challenge and engage participants:

Round 1: General Knowledge: The first round featured 20 multiple-choice questions, where participants had 15 seconds to answer each question. Points were awarded for correct answers, encouraging quick thinking and teamwork. The excitement in the room was palpable as teams competed for the title of "Engineering Quiz Champions."

Round 2: Guess the Voice: In an exciting twist, the third round was "Guess the Voice," where participants listened to audio clips of famous personalities from the engineering field and beyond. Teams had to identify the speaker based on their voice alone. This round added an entertaining element to the competition, challenging participants to tap into their pop culture knowledge and memory.

Round 3: Engineering Pictionary: The second round introduced a fun and creative challenge. Teams took turns drawing engineering-related terms while

their teammates guessed. This round not only tested their knowledge but also encouraged collaboration and communication skills, vital in the engineering field.

Round 4: DIY Challenge: The final round was the highly anticipated DIY challenge, where teams constructed balloon cars using provided materials. This hands-on activity showcased their creativity and engineering skills, culminating in a competitive yet supportive environment. The winning team was determined based on which car travelled the farthest. The Car Racing round crowned Anuj Verma and Navneet Tiwari as the winners, with Mrunmaya Dekapurwar and Pranyush Bhojar as the runners-up.

Outcomes

1. **Enhanced Knowledge and Skills:** Participants gained a deeper understanding of engineering concepts through the quiz and hands-on challenges.
2. **Teamwork and Collaboration:** The event fostered collaboration among students, highlighting the importance of teamwork in problem-solving.
3. **Creativity and Innovation:** The DIY challenge encouraged participants to think creatively and apply their engineering knowledge in a practical setting.
4. **Engagement and Participation:** The diverse range of activities engaged participants, creating a lively atmosphere that enjoyably celebrated engineering.
5. **Networking Opportunities:** The event provided a platform for students to connect with faculty and peers, building relationships that may benefit their future careers.
6. **Inspiration and Motivation:** The event served to inspire students to pursue their engineering passions and explore innovative solutions to real-world problems.

Glimpse of the event:



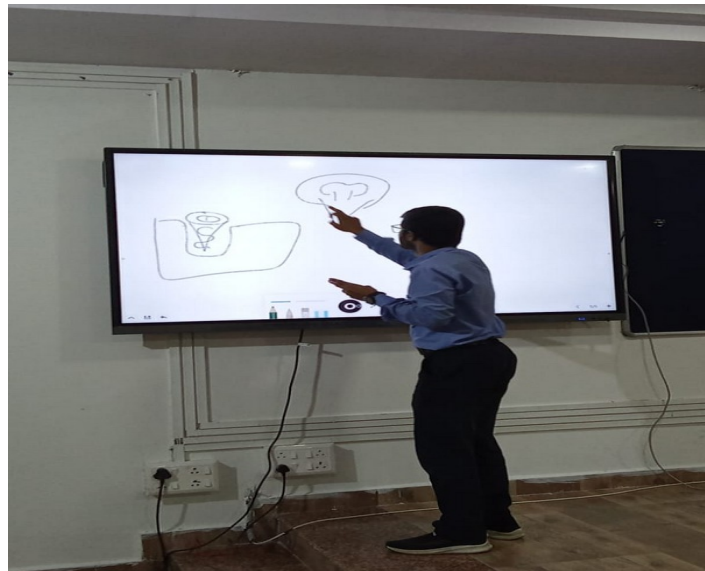
“Felicitation of Faculty members”



“Dr. N.D Ghawghawe Sir addressed the audience”



“Round 1: Engineering Quiz”



“Engineering Pictionary”



“Mrunmaya Dekapurwar and Pranyush Bhoyar the runners-up”

Govt. of Maharashtra
Government College of Engineering, Nagpur
 Sector - 27, Milhan Rehabilitation Colony, Khadi, Nagpur-441 102 (Maharashtra State)
 "To be an Institution of National Repute Creating Globally Competent Technocrats to Serve the Society"
 Phone No. : (07103) 2952260/1, 2952260/2 Website: www.gceen.ac.in
 E-mail: principal.gceenagpur@dnsmaharashtra.gov.in office.gceenagpur@dnsmaharashtra.gov.in

DEPARTMENT OF ELECTRICAL ENGINEERING
AWARD/PRIZE RECEIPT Date: / / 2024

Mr. Mr. Anuj Verma has been awarded a prize/award of
First Prize Winner (description) valued at Rs. _____
 by Electrical Engineering Student Association (EESA), Government College of Engineering,
 Nagpur in recognition of participation in the following event Technical Contest
 on 24/09/24 (date)
 Recipient Name Anuj Verma
 Address Flat no 53 Palioti Nagar behind palloti school nagpur-441012
 Mobile Number 8668504820
 Recipient Signature _____
 Organization EESA
 Bank Account Number _____
 IFSC Code _____
 Branch Name _____

Received by
Anuj Verma

Govt. of Maharashtra
Government College of Engineering, Nagpur
 Sector - 27, Milhan Rehabilitation Colony, Khadi, Nagpur-441 102 (Maharashtra State)
 "To be an Institution of National Repute Creating Globally Competent Technocrats to Serve the Society"
 Phone No. : (07103) 2952260/1, 2952260/2 Website: www.gceen.ac.in
 E-mail: principal.gceenagpur@dnsmaharashtra.gov.in office.gceenagpur@dnsmaharashtra.gov.in

DEPARTMENT OF ELECTRICAL ENGINEERING
AWARD/PRIZE RECEIPT Date: / / 2024

Mr. Mr. Navneet Tiwari has been awarded a prize/award of
First Prize Winner (description) valued at Rs. _____
 by Electrical Engineering Student Association (EESA), Government College of Engineering,
 Nagpur in recognition of participation in the following event Technical Contest
 on 24/09/24 (date)
 Recipient Name Navneet Tiwari
 Address Old Ajni, near haramba mandi nagpur
 Mobile Number 9870715424
 Recipient Signature _____
 Organization EESA
 Bank Account Number _____
 IFSC Code _____
 Branch Name _____

Received by
Navneet Tiwari

Govt. of Maharashtra
Government College of Engineering, Nagpur
 Sector-27, Mihan Rehabilitation Colony Khapri, Nagpur-441 108 (Maharashtra State)
 "To be an Institution of National Repute Creating Globally Competent Technocrats to Serve the Society"
 Phone No.: (07103) 295220(P), 295220(O) Website: www.gceon.ac.in
 E-mail: principal.gceonagpur@diemaharashtra.gov.in office.gceonagpur@diemaharashtra.gov.in

DEPARTMENT OF ELECTRICAL ENGINEERING
AWARD/PRIZE RECEIPT

Date: 25/9/2024

Mr./Ms. Pranyush C. Bhoyar has been awarded a prize/award of Second place (description) valued at Rs. 700/- by Electrical Engineering Student Association (EESA), Government College of Engineering, Nagpur in recognition of participation in the following event Engineer's Day 2024 on 24/9/24 (date)

Recipient Name Pranyush Bhoyar
 Address Trimurti Nagar, Nagpur
 Mobile Number 79729 66592
 Recipient Signature [Signature]
 Organization EESA
 Bank Account Number _____
 IFSC Code _____
 Branch Name _____

Received by
(Kasturi Bhoge)

Govt. of Maharashtra
Government College of Engineering, Nagpur
 Sector-27, Mihan Rehabilitation Colony Khapri, Nagpur-441 108 (Maharashtra State)
 "To be an Institution of National Repute Creating Globally Competent Technocrats to Serve the Society"
 Phone No.: (07103) 295220(P), 295220(O) Website: www.gceon.ac.in
 E-mail: principal.gceonagpur@diemaharashtra.gov.in office.gceonagpur@diemaharashtra.gov.in

DEPARTMENT OF ELECTRICAL ENGINEERING
AWARD/PRIZE RECEIPT

Date: 25/9/2024

Mr./Ms. Mrunmaya V Dekapurwar has been awarded a prize/award of Second place (description) valued at Rs. 700/- by Electrical Engineering Student Association (EESA), Government College of Engineering, Nagpur in recognition of participation in the following event Engineer's Day 2024 on 24/9/24 (date)

Recipient Name Mrunmaya Dekapurwar
 Address Dighori, Nagpur
 Mobile Number 860098495
 Recipient Signature [Signature]
 Organization EESA
 Bank Account Number _____
 IFSC Code _____
 Branch Name _____

Received by
(Kasturi Bhoge)

Feedback:

Timestamp	Email	Name	Branch	Year of Study	Please provide the feedback in the scale of 1	Please provide the feedback in the scale of 1	Please provide the feedback in the scale of 1	Please provide the feedback in the scale of 1	Any further suggestions?
9/25/2024 10:06:16	shivnandanbhosale77@	Shivnandan bhosale	Electrical	1st	4	4	3	5	No
9/25/2024 10:07:03	nisgotmare@gceon.ac.in	Nimish Gotmare	Electrical	3rd	5	5	5	5	Nope
9/25/2024 10:11:05	prathameshgkhe3@	Prathamesh Narendra G	Electrical	1st	1	1	1	1	No your team arranged best
9/25/2024 10:12:50	piyushbarsagade358@	Piyush Barsagade	Electrical	1st	5	4	4	4	No
9/25/2024 10:13:11	harshkamble@gmail.co	Harsh Kamble	Computer Science	1st	5	3	4	4	If you reduce luck factors in
9/25/2024 10:14:41	raghavnimkar12@gmail	Raghav Nimkar	Electrical	1st	5	5	5	5	It was very fun to participate "Engaging event!" Enjoyed quiz "Excellent event!" Strengths: - Interactive games - Celebratory atmosphere Weaknesses: - Limited departmental represent - Audio issues Suggestions: - Increase departmental participation - More diverse quiz questions - Clearer voice queuing system - Team-based activities "Amazing event! Loved the energy" I think this following things s - Guest lectures from experts - Workshops or seminars - Inter-departmental competition - Outdoor sports as well as Keep up the good work!" **Rating as per me - Organization: 5/5 - Arrangement: 4.8/5 - Entertainment value: 4.5/5 - Overall experience: 4.5/5 - Appreciate the effort put in
9/25/2024 10:48:38	jeewanbarole@gmail.co	Jeewan Barole	Electrical	1st	1	1	1	1	
9/25/2024 13:24:28	ashutoshsarode2002@	Ashutosh Sarode	Electrical	3rd	5	5	3	5	Please increase the number of

Event Report on Router Protocol Session

Title: Router Protocol Session

Conducted by: EESA

Mode of Activity: Offline

Venue: Auditorium, Room no.02, GCOEN

Date: 4th October 2024

Time: 2:00 pm onwards

Introduction

The Electrical Engineering Students Association (EESA) successfully hosted a session focused on Router Protocols. The event aimed to enhance participants' knowledge and understanding of essential concepts related to routing algorithms, protocol types, and best practices. With an engaging lineup of speakers and an interactive agenda, the session attracted 30 enthusiastic participants, eager to delve into the intricacies of router protocols.

Event Highlights

1. The event commenced with a warm welcome from the host Shriya Mamidpelliwar, who emphasized the importance of router protocols in modern networking
2. The HOD of the Electrical engineering department Dr. Rajesh Surjuse Sir delivered a compelling address, setting the stage for the discussions to follow.
3. Tushar Sir and Sarthi Borkar Sir, delivered insightful presentations during the session. Their expertise and engaging delivery on the practical applications of router protocols and smart contract deployment greatly enriched the learning experience for all participants.
4. The session was structured around the following key topics:
 - **Blockchain 101:** A brief overview of blockchain technology, its significance, and its applications.
 - **What is Router Protocol?** An introduction to router protocols, explaining their purpose and function within networking systems.

- **Products of Router Protocol:** Exploration of various products and technologies that utilize router protocols to enhance connectivity and performance.
 - **A Basic Overview of Rust:** Insight into the Rust programming language and its relevance to modern software development, particularly in network programming.
 - **Deploying a Rust-Based Smart Contract on Router Chain:** A practical demonstration showcasing how to deploy smart contracts using Rust on the Router Protocol, emphasizing hands-on learning.
5. The event featured interactive discussions, allowing participants to engage directly with speakers, ask questions, and share insights. This fostered a collaborative environment where attendees could enhance their understanding through shared knowledge.

Outcomes

The Router Protocol session proved to be a resounding success. The following outcomes were observed:

- **Enhanced Knowledge:** Participants left with a clearer understanding of router protocols and their practical applications in networking.
- **Networking Opportunities:** The event provided a platform for students to connect with industry professionals and academic leaders, fostering future collaborations.
- **Skill Development:** Through the practical segment on deploying smart contracts using Rust, attendees gained valuable technical skills relevant to the field of electrical engineering and networking.
- **Positive Feedback:** Participants expressed satisfaction with the session's structure and content, indicating a strong interest in similar future events.

Glimpse of the event:



Sarthi Borkar Sir, delivering an insightful presentation on Router Protocols



Delivering essential concepts related to routing algorithms



Interactive discussions with participants to engage directly with speakers

Report on the Industrial Automation Workshop

Title: Industrial Automation Workshop

Conducted by: EESA

Mode of Activity: Offline

Venue: Room no.202, Main Building, GCOEN

Date: 5th October 2024 (Saturday)

Time: 11:00 am onwards

Introduction

The Industrial Automation Workshop was held in collaboration with IPCS Global Technology, welcoming participants from various backgrounds to explore the latest trends and technologies in industrial automation. The workshop aimed to provide hands-on experience in areas such as Programmable Logic Controllers (PLCs) and other automation technologies, fostering learning through practical training and expert insights.

Event Highlights

1. The event commenced with a warm welcome from the EESA committee, who introduced the guests and set the stage for an engaging session.
2. Our distinguished guest speaker, Abhishek Kumar Sir, delivered an insightful presentation based on his 3.5 years of experience as an Electrical Maintenance and Automation Trainer.
3. Abhishek Sir elaborated on daily work management and cost-saving strategies, sharing real-life examples of how he identified and eliminated equipment breakdowns. He highlighted the necessity of ensuring safety operations in the field and discussed effective planning for maintenance and spares, along with strategies for fostering continuous improvement in plant operations.
4. The presentation was met with enthusiasm, encouraging discussions and questions from participants.
5. Participants engaged in practical training on PLCs and other automation technologies, allowing them to apply theoretical knowledge in real-world scenarios.

6. The workshop facilitated connections among participants, fostering a community of automation enthusiasts eager to share knowledge and experiences.

Outcomes

The workshop proved to be a resounding success, achieving several key outcomes:

- **Enhanced Knowledge:** Participants left with a deeper understanding of industrial automation trends, tools, and best practices, equipping them for future challenges in the field.
- **Skill Development:** Hands-on sessions enabled attendees to develop practical skills, increasing their confidence in using automation technologies.
- **Networking:** The event created opportunities for participants to connect with industry experts and fellow automation enthusiasts, promoting collaboration and knowledge sharing.
- **Positive Feedback:** Attendees expressed their appreciation for the informative sessions and practical training, highlighting the value of such workshops in their professional development.

Glimpse of the event



Government College of Engineering, Nagpur

EESA
In association with IPCS Global
Technology, Nagpur

Join Our
WORKSHOP
**INDUSTRIAL
AUTOMATION**

05 OCT 2024
AUDITORIUM ROOM
11:00AM - 02:00PM

MR. ABHISHEK KUMAR
Project Engineer
IPCS Global Nagpur

Event Coordinator
Chetan Barai

EESA Coordinator
Prof. Praful Nandankar

HOD, Electrical
Dr R.S. Sujruse

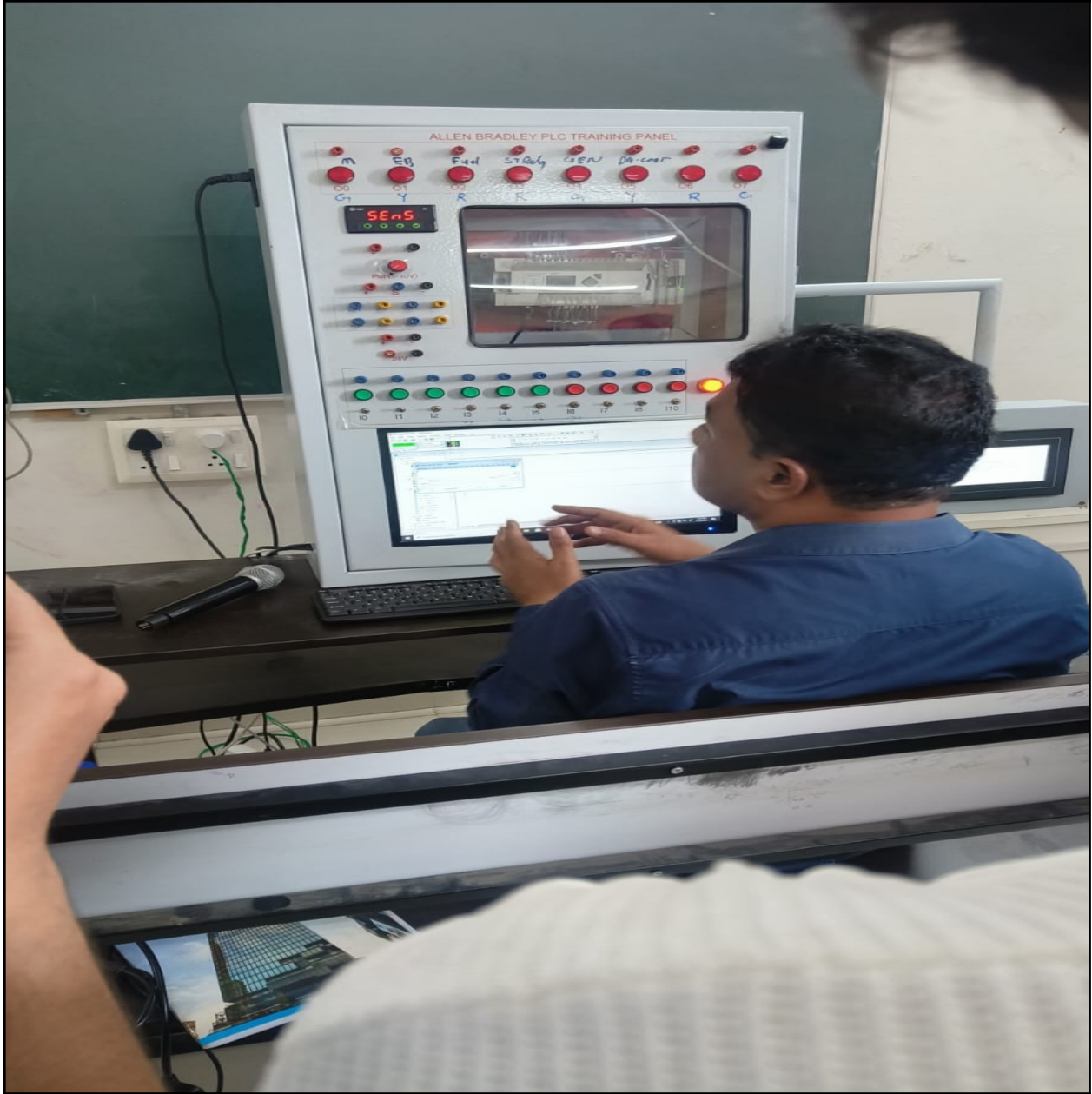
Principal
Dr. R P Borkar



Abhishek Kumar Sir, delivering an insightful presentation



Encouraging discussions and questions from participants.



Hands-on sessions enabled attendees to develop practical skills

Detailed Report on AutoCAD Workshop



Government College of Engineering, Nagpur



EESA

In association with **ASTRAL**
Information Pvt Ltd.

Join Our
WORKSHOP
AUTOCAD



MR. KSHITIJ NAVGHARE
Software Trainer and Design
Engineer (Astral Informatics
Pvt. Ltd)



17 JAN 2025



02:00PM - 05:00PM

Event Coordinator
Raghav Joshi

EESA Coordinator
Praful Nandankar

HOD, Electrical
Dr R.S. Sujruse

Principal
Dr. R P Borkar

Title: AutoCAD Workshop

Speaker: Mr. Kshitij Navghare

Conducted By: EESA

Mode of conduction: Offline

Venue: Annex building Room No.118

Date: 17th January 2025 (Friday)

Time: 2 pm onwards

No. of participants: 29

Link: https://drive.google.com/drive/folders/1DJFZ8anG_4L6yBA8vKiY9aWRac8IvXui?usp=sharing

Introduction:

Electrical Engineering Students Association in collaboration with Astral Information Pvt. Ltd organized an AutoCAD Workshop for students. The main aim of the workshop was to equip students with the basic and advanced concepts of AutoCAD along with its application in electrical engineering. The session mainly included: why AutoCAD is so important in the industry, key features, and its use in electrical design and drafting. This program was intended to introduce students to the industry trends and career opportunities related to proficiency in AutoCAD.

Event Highlights: The workshop, held on 17th January 2025 at the Government College of Engineering, Nagpur, featured Mr. Kshitij Navghare, a Software Trainer and Design Engineer and Mr.Akshay Banasure, BDE from Astral Informatics Pvt. Ltd., as the guest speakers. The session included:

- **Introduction to AutoCAD and its industry relevance:** The workshop started with an overview of AutoCAD, stressing the importance of AutoCAD in modern engineering fields, especially in electrical engineering applications.
- **AutoCAD applications in electrical engineering:** The session highlighted the importance of AutoCAD in designing electrical layouts, panel designs, and circuit diagrams, showing its importance in real-world electrical engineering projects
- **Industry insights and career opportunities:** The speaker shared knowledge on how people within the electrical engineering profession leverage AutoCAD in their line of work. The discussion incorporated career prospects with regard to mastering CAD as it stands today in the job market.
- **Interactive Q&A session:** The participants were engaged in an open discussion, where they raised queries on AutoCAD's functionalities, industry standards, and its role in electrical engineering. The expert guided and enlightened the participants.

Outcomes

- Students gained a fundamental understanding of AutoCAD and its functionalities.
- Improved awareness of how AutoCAD is used in electrical engineering.

- Enhanced knowledge about industry applications and career opportunities in the field.
- Encouragement for students to explore advanced CAD software and techniques.
- Positive participant feedback, with requests for hands-on training sessions in the future.

Conclusion

The AutoCAD workshop offered detailed sessions on design principles, technical skills, and advanced software features, providing students with essential knowledge to effectively use the tool. The expert insights into its real-world applications further empowered students to incorporate AutoCAD into their academic and professional projects. Overall, the workshop not only enhanced students' technical understanding but also inspired them to explore the potential of design software, helping them approach their future endeavors with confidence and creativity.

Glimpses of the webinar



Mr. Kshitij Navghare, a Software Trainer and Design Engineer from Astral Informatics Pvt. Ltd., as the guest speaker

Attendance

GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
ELECTRICAL ENGINEERING STUDENTS' ASSOCIATION
ORGANISES
AUTOCAD WORKSHOP

Sr. No.	Name of Participant	Branch	Year of study	Signature
1.	Shivani Gavnule	Electrical Engg.	II	<i>[Signature]</i>
2.	Saleshi Krawale	Electrical Engg.	II	<i>[Signature]</i>
3.	Katwani Bhoge	Electrical Engg.	II	<i>[Signature]</i>
4.	Yash Balpanda	Electrical Engg.	II	<i>[Signature]</i>
5.	Anh sheikn	Electrical Engg.	II	<i>[Signature]</i>
6.	Sushant Gupta	Electrical	III	<i>[Signature]</i>
7.	Prathamesh Nakade	Electrical	III	<i>[Signature]</i>
8.	Sujay Manmode	Electrical	II	<i>[Signature]</i>
9.	Chetan T. Bapat	Electrical	II nd	<i>[Signature]</i>
10.	Ashvin.R. Avachar	Electrical	II nd	<i>[Signature]</i>
11.	Janhavi J. Sogam	Electrical	II nd	<i>[Signature]</i>
12.	Babita Gadam	Electrical	II nd	<i>[Signature]</i>
13.	Chaitali S. Shukre	Electrical	II nd	<i>[Signature]</i>
14.	Nimish S. Gokhale	Electrical	III rd	<i>[Signature]</i>
15.	Ashay A. Rikade	Electrical	I st	<i>[Signature]</i>
16.	Anisha W. Sarode	EE	4 th Year	<i>[Signature]</i>
17.	Rajni M. Zade	EE	III rd	<i>[Signature]</i>
18.	Gayatri Patange	EE	III rd	<i>[Signature]</i>
19.	Anushri Gawande	Electrical Engg.	II	<i>[Signature]</i>
20.	Devjani Wadavkar	Electrical Engg.	II	<i>[Signature]</i>
21.	Jay Ugate	EE	3 rd	<i>[Signature]</i>
22.	Shivam Pule	EE	3 rd	<i>[Signature]</i>
23.	Abhishek Sankar	EE	3 rd	<i>[Signature]</i>
24.	Nidhish Shukla	Electrical	2 nd	<i>[Signature]</i>

GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
ELECTRICAL ENGINEERING STUDENTS' ASSOCIATION
ORGANISES
AUTOCAD WORKSHOP

Sr. No.	Name of Participant	Branch	Year of study	Signature
25.	Kasams Ingle	Electrical	3 rd	<i>[Signature]</i>
26.	Anukul Dhabash	Electrical	8 th	<i>[Signature]</i>
27.	Shweta Deshpande	EE	2 nd	<i>[Signature]</i>
28.	Sami Ksha Gajbhiye	EE	2 nd	<i>[Signature]</i>
29.	Jayshri Ukar	EE	2 nd	<i>[Signature]</i>
30.	Aksh Sh			<i>[Signature]</i>

Feedback

GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
AUTOCAD WORKSHOP
FEEDBACK FORM

1) Name of Participant: Babita Vijay Gadam
 2) Branch: Electrical
 3) Year of Study: 2nd
 4) Mobile Number (preferably WhatsApp): 9765698637

Kindly rate the Autocad workshop in scale of 1 to 5 (1-Poor, 2-Needs Improvement, 3-Good, 4-Very Good, 5-Excellent)

Sr. No.	Feedback Questions	Rating
1	How was the overall organization of the event?	4
2	How relevant did the speaker discuss the content?	5
3	Are you satisfied with the time?	4
4	How much interesting this session was for you?	5
5	Did the lecture cover what you were expecting?	4
6	What is your opinion about the speaker?	5
7	How useful was this session from the knowledge and information point of view?	4
8	Overall effectiveness of Expert lecture	4

Any suggestions: _____

Babita Gadam
[Signature]
Name & Signature

Date: 17/01/25

GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
AUTOCAD WORKSHOP
FEEDBACK FORM

1) Name of Participant: Ashay Ajit Rikade
 2) Branch: Electrical
 3) Year of Study: 1st
 4) Mobile Number (preferably WhatsApp): 9066712155

Kindly rate the Autocad workshop in scale of 1 to 5 (1-Poor, 2-Needs Improvement, 3-Good, 4-Very Good, 5-Excellent)

Sr. No.	Feedback Questions	Rating
1	How was the overall organization of the event?	5
2	How relevant did the speaker discuss the content?	1
3	Are you satisfied with the time?	1
4	How much interesting this session was for you?	1
5	Did the lecture cover what you were expecting?	1
6	What is your opinion about the speaker?	1
7	How useful was this session from the knowledge and information point of view?	1
8	Overall effectiveness of Expert lecture	1

Any suggestions: Must be relevant to the topic given

Date: 19/01/25

Name & Signature
Ashay Rikade
[Signature]

**GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
AUTOCAD WORKSHOP
FEEDBACK FORM**

- 1) Name of Participant: Nandish S. Upmore
 2) Branch: Electrical
 3) Year of Study: III
 4) Mobile Number (preferably WhatsApp): 9922689694

Kindly rate the Autocad workshop in scale of 1 to 5 (1-Poor, 2-Needs Improvement, 3-Good, 4-Very Good, 5-Excellent)

Sr. No.	Feedback Questions	Rating
1	How was the overall organization of the event?	5
2	How relevant did the speaker discuss the content?	4
3	Are you satisfied with the time?	4
4	How much interesting this session was for you?	4
5	Did the lecture cover what you were expecting?	4
6	What is your opinion about the speaker?	4
7	How useful was this session from the knowledge and information point of view?	5
8	Overall effectiveness of Expert lecture	5

Any suggestions: _____

Date: 17/11/2023

[Signature]
Name & Signature

**GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
AUTOCAD WORKSHOP
FEEDBACK FORM**

- 1) Name of Participant: Tanhaiji S. Sanyal
 2) Branch: Electrical
 3) Year of Study: IIIrd
 4) Mobile Number (preferably WhatsApp): 9021173087

Kindly rate the Autocad workshop in scale of 1 to 5 (1-Poor, 2-Needs Improvement, 3-Good, 4-Very Good, 5-Excellent)

Sr. No.	Feedback Questions	Rating
1	How was the overall organization of the event?	4
2	How relevant did the speaker discuss the content?	4
3	Are you satisfied with the time?	4
4	How much interesting this session was for you?	5
5	Did the lecture cover what you were expecting?	4
6	What is your opinion about the speaker?	4
7	How useful was this session from the knowledge and information point of view?	5
8	Overall effectiveness of Expert lecture	4

Any suggestions: The session was good.

Date: 17/01/2025

[Signature]
Tanhaiji S. Sanyal
Name & Signature

Detailed Report on Online Meeting on Proposed Course “Field Study of Agricultural Distribution Systems for Electrical Engineering”

Title: Field Study of Agricultural Distribution Systems for Electrical Engineering

Speaker: Prof. Priya Jadhav

Designation: Faculty Incharge of Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay

Conducted By: Electrical Engineering Department

Mode of conduction: Hybrid

Platform: Google Meet & Conference Room GCOEN

Date: 27th Jan 2025 (Monday)

Time: 1 pm onwards

No. Of participants: 30

Event Recording Link:

https://drive.google.com/file/d/1gz3cY27KsLB8fEQj0_iqYeGcbknEhwlw/view?usp=sharing

Introduction:

The Electrical Engineering Department of Government College of Engineering, Nagpur, organised an online meeting on Monday, 27th January 2025, at 1:00 PM to introduce a newly proposed elective course titled “Field Study of Agricultural Distribution Systems for Electrical Engineering.” The session was conducted in hybrid mode, both virtually through Google Meet and physically in the department’s conference room. The meeting was held to inform students and faculty members about the course structure, its goals, and how it would benefit the students academically and practically. The resource person for the meeting was Prof. Priya Jadhav, Faculty In-Charge at the Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay. Prof. Jadhav has extensive experience in rural technology development and has been actively involved in field-based research concerning electrical systems in rural and agricultural sectors. The meeting was attended by 30 participants, including students from the third and final year of the Electrical Engineering program, along with faculty members. The session was designed to be interactive and informative, laying the foundation for the smooth launch and successful implementation of the course.

Objectives:

The primary objective of the online meeting was to provide students with an understanding of the relevance and importance of electrical distribution systems in agriculture and how these systems play a key role in improving the efficiency and reliability of rural electrification. The meeting aimed to bridge the gap between theoretical learning and practical application by introducing a course that would involve real-life field exposure.

Prof. Jadhav explained that through this course, students would be encouraged to visit agricultural sites, observe the existing electrical distribution networks, interact with farmers, and collect data related to transformer usage, motor and pump ratings, irrigation practices, and feeder loading patterns. The objective was also to create awareness about the technical challenges farmers face and how engineering solutions can be designed to improve agricultural productivity and energy efficiency.

Additionally, the meeting sought to motivate students to conduct case studies, develop analytical and observational skills, and prepare for future roles where practical problem-solving and community-based engineering are crucial. The course is designed to foster interdisciplinary thinking by blending electrical engineering with social understanding and environmental sustainability.

Key Highlights:

The session delivered by Prof. Priya Jadhav included several insightful and technically rich discussions. She began by introducing the concept of electrical distribution systems in the context of agriculture. She explained the functioning and importance of distribution transformers, particularly how their capacity, location, and loading affect the reliability of electricity supply to farms. She elaborated on how agricultural pumps, which are widely used for irrigation, are selected based on motor ratings, irrigation demands, and land size.

A major part of her discussion was centred around irrigation technologies, where she highlighted the growing significance of sprinkler irrigation systems as a water-saving and energy-efficient solution. She also touched upon irrigation pumping systems and how improper selection or usage leads to overloading of feeders and power losses.

Prof. Jadhav introduced the idea of power flow modelling for agricultural feeders, showing how it helps analyse voltage drops, system losses, and the effect of seasonal cropping patterns on power demand. She discussed the importance of fieldwork, especially in rural areas, where students can observe and study real systems rather than just simulated models. She provided

useful tips on how to approach field studies—how to gather technical data, communicate effectively with farmers, and maintain accuracy in documentation.

She further emphasised the need for case-based learning and suggested topics for student projects, including:

- a) The role of capacitors in improving the power factor in agricultural pump sets.
- b) The impact of feeder loading on transformer performance during different cropping seasons.
- c) The importance of operational efficiency in existing agricultural pumping systems.
- d) Correct pump selection based on field size, water table, and crop requirements.

She encouraged students to be curious and proactive, explaining that their role in the course would not only be as learners but also as field investigators and problem-solvers. A significant part of the course would involve conducting a farmer survey, for which a questionnaire would be developed to collect structured data on electricity usage, irrigation methods, issues with supply, and maintenance practices. This would allow students to perform a detailed analysis and suggest technical improvements based on their findings.

Outcomes:

The online meeting turned out to be very informative and motivating for both students and faculty. It gave a clear picture of how electrical engineering concepts can be directly applied in solving real-life problems in the agricultural sector. Students understood that their classroom knowledge about power systems, load calculations, and efficiency can be used meaningfully to improve rural energy systems.

The session also generated enthusiasm among students for participating in field-based learning, as they were excited about the opportunity to visit farms, interact with local communities, and contribute to practical improvements in rural infrastructure. The idea of taking up mini-projects or case studies, based on actual field conditions, was especially appreciated. Students showed interest in understanding not just technical parameters, but also social and economic factors that influence energy consumption in agriculture.

As an outcome of the meeting, the groundwork for launching the elective course has been successfully laid. Students now have a clear understanding of their roles, expectations, and learning outcomes. Faculty members also received valuable insights on how to guide students during field visits and project work. With support from Prof. Priya Jadhav and CTARA, IIT Bombay, the course promises to offer a holistic and meaningful learning experience that goes beyond textbooks and laboratory simulations.

Glimpses:

UMA_Electrical_Eng_Book - Adobe Acrobat Reader (64-bit)

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Figure 1. An area of Solapur taluka in Solapur district. The red circles indicate the habitation clusters with larger areas surrounded by agricultural fields.

2.2 Schematics of 11 kV network (or High Tension) of Ag feeder

A schematic of an Ag feeder (Agricultural feeder) is shown below figure 2. The starting point for an agricultural feeder is the distribution substation. The main function of a distribution substation

05:24

Prashant Debra has joined

00:08:53

27 13:40 | vvi-viek-sjf

Atharva Mande

Neha

Dr. Umesh Hiwase

Priya Jagchav

A. M. Mendhe

Prnya Jodnav (Presenting)

UMA_Electrical_Eng_Book - Adobe Acrobat Reader (64-bit)

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191 / 214 75%

conduct field visits. It includes:

A. Selection of Distribution Transformer (DT)

The DT selection should be done in consultation with the MS&EDCL subdivision office, or students can select by themselves if they have contacts in a village. The present case study can be done in any agricultural DT. Following are some suggestions for the selection of DT:

- Ease of field visit to village
- The village should be selected considering its geographical proximity to students.
- The willingness of farmers to contribute time and effort to the case study.

Given the important role of the farmer in the Case study village must be selected where the farmers are willing to contribute time and effort.

187

B. Overloaded DT

The electricity problem is faced in an area where the agriculture feeder is heavily loaded. The student should preferably select overloaded DTs to get a better picture of the effect of capacities.

An institute may write a letter to the concerned MS&EDCL departments to inform them about the study project and request them to help in selecting a village and DT.

C. Collection of secondary data of the village

The student should collect the following non-sensational data of the village. The details of sources from which these details are available are given in chapter no.

02:30

00:31:47

7 13:17 | vvi-viek-sjf

Atharva Mande

Gopal Chavan

Neha

A. M. Mendhe

10 others

Media Player

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14 / 214 75%




Figure 1. An area of Solapur taluka in Solapur district. The red circles indicate the habitation clusters with larger areas surrounded by agricultural fields.

2.2 Schematics of 11 kV network (or High Tension) of Ag feeder

A schematic of an Ag feeder (Agricultural feeder) is shown below figure 2. The starting point for an agricultural feeder is the distribution substation. The main function of a distribution substation

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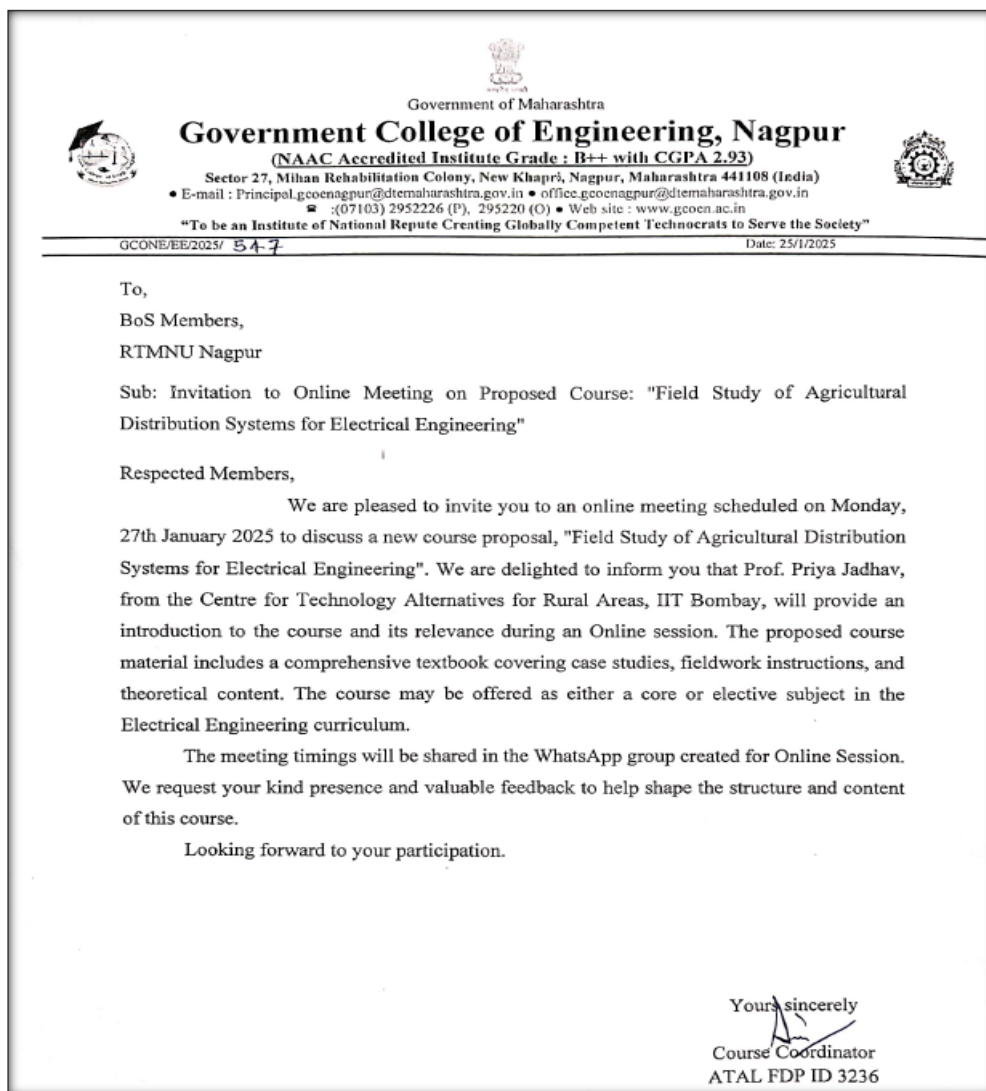
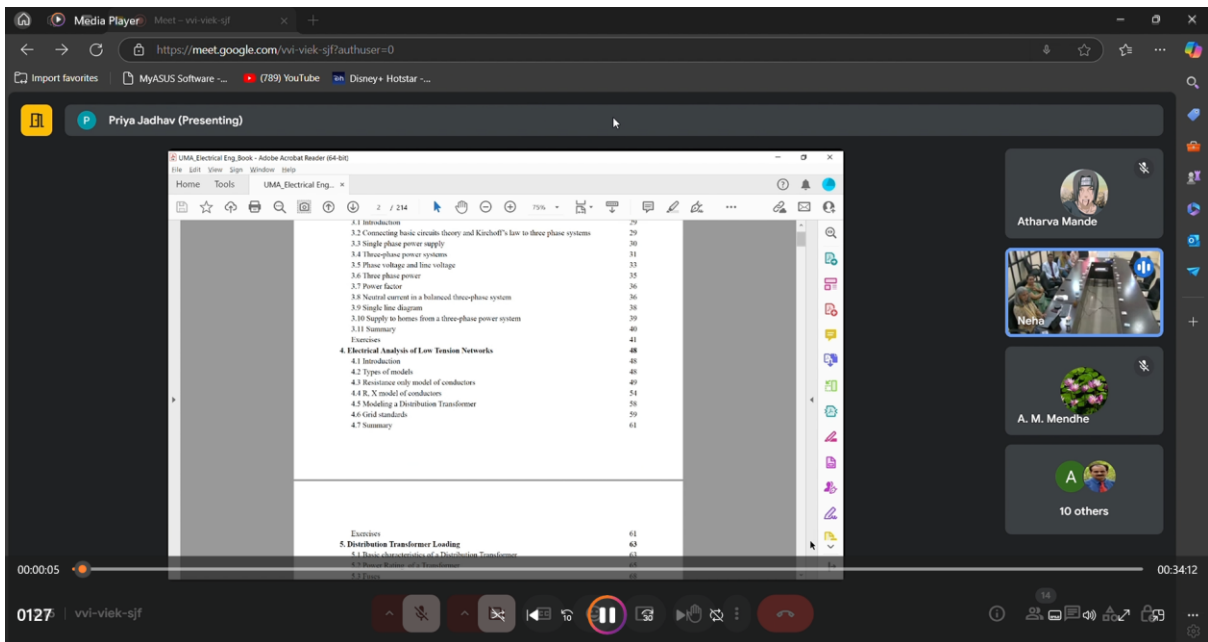
Atharva Mande

Gopal Chavan

Neha

Dr. Umesh Hiwase

9 others



Detailed Report on Donation Drive BEACON OF HOPE

Date: 22nd October 2024

Venue: Matru Seva Sangh, Sitabuldi

Organized by: EESA

Mode of Conduction: Offline

Glimpses of the Drive:

https://drive.google.com/drive/folders/1WorUWAeBCkGWSjFS18TMZAXyHWLaxwXQ?usp=drive_link

Video link:

https://drive.google.com/file/d/1y2DpcHerBBwVph-5XfM09dw4Bf2DcCur/view?usp=drive_link

Introduction

The Electrical Engineering Student Association (EESA) organized a heartwarming donation drive in collaboration with Matru Seva Sangh, focusing on bringing joy to specially-abled children during the festive season of Diwali. This event aimed to spread the spirit of Diwali and contribute to the well-being of these children, fostering a sense of community and compassion.

Event Highlights

- **Fund Collection:** One week prior to the drive, the EESA committee collected funds by distributing donation forms and reaching out to inter- and intra-departmental college faculty members. Thanks to the generosity of students and faculty, we successfully raised Rs. 13,662. The donation drive was marked by enthusiasm and compassion, creating unforgettable moments for all involved. The presence of numerous faculty members from the Electrical Department added to the success of this initiative.
- **Inaugural Address:** Our HOD Dr. R.S. Surjuse Sir , addressed the children, offering words of encouragement and warmth. His inspiring presence set a joyful tone for the event.

- **Festivities and Games:** The day commenced with a warm floral welcome extended to esteemed faculty members and dedicated teachers from Matru Seva Sangh. The atmosphere buzzed with excitement as children, radiant with joy, eagerly anticipated the festivities. Various games and fun activities were organized to engage the children, ensuring laughter and camaraderie throughout the day. Games included Magic show, Simon Says, The Clap Game, etc. creating an atmosphere of joy and playfulness.
- **Special Gifts:** The children were delighted with school bags, pouches, stationery, sweets, and smiley badges, which added a special touch to the festivities. Additionally, the EESA committee contributed 30 liters of oil, symbolizing care and nourishment for the children.
- **Sharing Stories:** A short story was shared with the children, conveying heartfelt Diwali wishes. This narrative entertained and imparted valuable lessons, leaving a lasting impact on their young minds.

Outcomes

- The donation drive organized by EESA, in collaboration with Matru Seva Sangh, proved to be a resounding success, leaving a positive impact on the lives of specially-abled children. The event provided tangible support through school bags, stationery, sweets, and a warm, inclusive atmosphere.
- The smiles on the children's faces reflected the success of the event in bringing joy and happiness into their lives. The collective effort of the EESA committee, faculty members, and Matru Seva Sangh demonstrated the power of community spirit in making a meaningful difference.
- The donation drive served as a platform for community bonding, uniting students, faculty, and specially-abled children in a shared celebration. This event fostered a sense of togetherness, promoting inclusivity within the academic community.

Conclusion

The donation drive on Diwali stands as a testament to the commitment of the EESA committee toward social responsibility. By extending a helping hand to those in need, the event not only celebrated the festival of lights but also illuminated the lives of specially-abled children, fostering compassion and unity within the community.

Glimpse of the event



Our HOD Dr. R.S. Surjuse Sir, addressing the children



Magic show for students creating an atmosphere of joy and playfulness.



The Clap Game





Distribution of gifts

“Standardization – Basic Concepts”



GOVERNMENT COLLEGE OF ENGINEERING NAGPUR



TAPAN KUMAR HALDAR
JOINT DIRECTOR,
BIS NAGPUR

EXPERT LECTURE ON "STANDARDIZATION-BASIC CONCEPTS"

Learn from an industry expert
and gain valuable insights into
the world of standards.

Join Us to Learn more.



17th FEB 02:15 pm



**Room no. 110,
Annex Building**

Student Coordinator
SAKSHI KAWADE

Faculty Coordinator
PRAFUL NANDANKAR

Head Electrical
DR. R.S.SURJUSE

Principal
DR. R.P.BORKAR

Report

Title: Standardization – Basic Concepts

Conducted by: EESA in collaboration with IEI and BIS

Mode of Activity: Offline Session

Date: 17th Feb, 2025

Time: 2:15 PM onwards

No. of Participants: 65

Recording:

<https://drive.google.com/file/d/1Sf01hS67RfV90HO8nIdtJdbDvFQky6df/view?usp=sharing>

Introduction: The Electrical Engineering Department of Government College of Engineering, Nagpur, organized an expert lecture on "Standardization - Basic Concepts" on 17th February at 2:15 PM in Room No. 110, Annex Building. The session aimed to provide students with insights into the importance of standardization and its role in the industry. Mr. Tapan Kumar Haldar, Joint Director, BIS Nagpur, was the guest speaker for the event. The event was graced by the presence of Dr. R.S. Surjuse, Head of the Electrical Engineering Department, who addressed the gathering and motivated students to participate in such knowledge-sharing sessions. The faculty coordinator, Prof. Praful Nandankar, along with student coordinators, Sakshi Kawade and Shriya Mamedpalliwar, ensured the smooth organization of the event.

Summary:

The session commenced with an opening address by Dr. R.S. Surjuse, emphasizing the significance of standardization in ensuring product quality, safety, and efficiency. He encouraged students to actively engage with institutions like the Bureau of Indian Standards (BIS) to enhance their technical knowledge. Mr. Tapan Kumar Haldar then delivered an insightful lecture on the fundamentals of standardization, the role of BIS, and its impact on various industries. He explained how standardization simplifies processes, ensures safety, and promotes innovation. He also discussed the certification process, conformity assessment, and the importance of adhering to national and international standards in engineering practices. During the lecture, Tapan Kumar Haldar elaborated on the fundamental concepts of standardization and its impact on various engineering domains. He explained the necessity of standardization in the electrical and electronics industry, the role of BIS in developing and implementing national standards, and provided an overview of significant Indian Standards (IS) relevant to electrical engineering, such as IS 694, IS 7098, and IS 1554. The session covered the selection, design, and testing of cables used in distribution and transmission systems, detailing different conductor types (copper/aluminium), insulation materials (PVC/XLPE), sheath types, armouring, and rated

voltages. He emphasized how standardization ensures safety, reliability, and compatibility in electrical installations. The interactive session allowed students to engage in discussions and clarify their doubts about real-world applications of these standards.

Outcome:

The expert lecture provided students with a comprehensive understanding of the importance of standardization and BIS regulations in the electrical industry. Key takeaways from the session included:

- Awareness of Indian Standards (IS) relevant to electrical cables and their specifications.
- Understanding the selection criteria for cables based on application, voltage rating, and environmental conditions.
- Knowledge about testing procedures and compliance requirements for electrical products.
- Motivation to explore BIS certification processes and how standardization impacts engineering design and manufacturing.

Students appreciated the well-structured session and found the insights shared by the expert to be highly beneficial for their academic and professional growth. The event successfully enhanced their awareness of standardization principles and their role in the electrical industry.

The session concluded with a vote of thanks to Mr. Tapan Kumar Haldar for sharing his expertise and encouraging students to stay updated with industry standards.

Photos:





Attendance:

GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
 Expert Lecture on Standardization-Basic Concepts
 Attendance Sheet

Sr. No.	Name of Student	Year	Email ID	Signature
1.	Shivani Guinule	2nd	shivaniguinule0@gmail.com	
2.	Yash Balpande	2nd	yashbalpande@gmail.com	
3.	Bhauat Pande	3rd	bhauatpande@gmail.com	
4.	Naveet Tiwari	1st	naveet621@gmail.com	
5.	Rohit Sharma	1st	rohitsharma283@gmail.com	
6.	Shriya mamidalkar	1st	shriyamamidalkar@gmail.com	
7.	Raghav Nimkar	1st	raghavnimkar12@gmail.com	
8.	Anjali Kowalkar	4th	anjalikowalkar07@gmail.com	
9.	Nandini S. Thaware	4th	nandinitaware0@gmail.com	
10.	Nivedita A. Ramteke	4th	niveditaranteke@gmail.com	
11.	Laxmi N. Sakore	4th	laxmisakore024@gmail.com	
12.	Neha R. Diwate	4th	nehadiwate@gmail.com	
13.	Sanjana S. Dhage	4th	sanjanadhage@gmail.com	
14.	Prachi S. Hadke	4th	hadkeprachi@gmail.com	
15.	Yash P. Raut	4th	yashp2802@gmail.com	
16.	Sai N. Deshpande	4th	saideshpande0311@gmail.com	
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20.	Janhavi K. Holey	4th	janhaviholey@gmail.com	
21.	Chanchal V. Khasabe	4th	chanchalkhasabe@gmail.com	
22.	Dhanshi M. Kshirsagar	4th	dhanshikshirsagar@gmail.com	

Rahul
(Rahul Nandankar)

GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
 Expert Lecture on Standardization-Basic Concepts
 Attendance Sheet

Sr. No.	Name of Student	Year	Email ID	Signature
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24.	Bhargavi Saharkar	3rd	bhargavisaharkar02@gmail.com	
25.	Ashwina M. Lothe	3rd	lotheashwina@gmail.com	
26.	Abhishek S. Bahukar	3rd	abhishekbahukar85@gmail.com	
27.	Shivam P. Patil	3rd	parthesshivam@gmail.com	
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30.	Shardul Rathod	4th	shardulrathod@gmail.com	
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33.	Vidhan Singh Rajput	4th	vidhanrajput2@gmail.com	
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35.	Pranay. Athmande	4th	pranayathmande@gmail.com	
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37.	Aditya C. Doshankar	4th	adityadoshankar@gmail.com	
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44.	Krunal P. Munne	3rd	krunalmunne@gmail.com	

Rahul
(Rahul Nandankar)

Attendance Sheet

Sr. No.	Name of Student	Year	Email ID	Signature
45.	Sarim Z. Syed	4th	sarim432@gmail.com	
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47.	Yash Khandelwal	4th	yashkhandelwal@gmail.com	
48.	Sahil K. Shenoi	4th	sahilshenoi@gmail.com	
49.	Yogesh Khandare	4th	yeshkhandare72@gmail.com	
50.	Riya Raut	4th		
51.	Pratik J. Bhingardive	4th	bhpratik192870@gmail.com	
52.	Rudraksh A. Manthare	2nd	amandhore4999@gmail.com	
53.	Yash Y Raut	4th	yashrauto16@gmail.com	
54.	Pshen G. Shinde	4th	rs2154383@gmail.com	
55.	Rohan V. Nandanwar	4th	rohanvandanwar2000@gmail.com	
56.	Chinmay A. Kale	4th	calake@gcoen.ac.in	
57.	Anukul Kamble	4th	anukulkamble@gmail.com	
58.	Samir Moon	4th	kskhirijmoon2308@gmail.com	
59.	Chetan T. Barui	2nd	chetanbarui05@gmail.com	
60.	Ajinkya Balaji Manthe	3rd	ajinkyamanthe00@gmail.com	
61.	Sheshi Kawade	2nd	sheshikawade@gmail.com	
62.	Sru Swayam Jawade	3rd	swayamjawade@gmail.com	

Rahul
(Rahul Nandankar)

Feedback:


**GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
STANDARDIZATION-BASIC CONCEPTS
FEEDBACK FORM**

1) Name of Participant: Ujita M. Kulkarni
 2) Branch: Electrical Engineering
 3) Year of Study: 4th Year
 4) Mobile Number (preferably WhatsApp): 9309382180

Kindly rate the Autocad workshop in scale of 1 to 5 (1-Poor, 2-Needs Improvement, 3-Good, 4-Very Good, 5-Excellent)

Sr. No.	Feedback Questions	Rating
1	How was the overall organization of the event?	4
2	How relevant did the speaker discuss the content?	4
3	Are you satisfied with the time?	4
4	How much interesting this session was for you?	4
5	Did the lecture cover what you were expecting?	4
6	What is your opinion about the speaker?	5
7	How useful was this session from the knowledge and information point of view?	5
8	Overall effectiveness of Expert lecture	5

Any suggestions: _____


 Name & Signature
Ujita Kulkarni

Date: 17/12/25

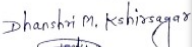
**GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
STANDARDIZATION-BASIC CONCEPTS
FEEDBACK FORM**

1) Name of Participant: Dhanshi M. Kshirsagar
 2) Branch: EE
 3) Year of Study: 4th year
 4) Mobile Number (preferably WhatsApp): 8408920038

Kindly rate the Autocad workshop in scale of 1 to 5 (1-Poor, 2-Needs Improvement, 3-Good, 4-Very Good, 5-Excellent)

Sr. No.	Feedback Questions	Rating
1	How was the overall organization of the event?	5
2	How relevant did the speaker discuss the content?	3
3	Are you satisfied with the time?	3
4	How much interesting this session was for you?	3
5	Did the lecture cover what you were expecting?	4
6	What is your opinion about the speaker?	3
7	How useful was this session from the knowledge and information point of view?	4
8	Overall effectiveness of Expert lecture	5

Any suggestions: _____


 Name & Signature
Dhanshi M. Kshirsagar

Date: 17/02/25


**GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
STANDARDIZATION-BASIC CONCEPTS
FEEDBACK FORM**

1) Name of Participant: Shishika R. Wankhede
 2) Branch: Electrical Engineering
 3) Year of Study: 4th year
 4) Mobile Number (preferably WhatsApp): 9607214988

Kindly rate the Autocad workshop in scale of 1 to 5 (1-Poor, 2-Needs Improvement, 3-Good, 4-Very Good, 5-Excellent)

Sr. No.	Feedback Questions	Rating
1	How was the overall organization of the event?	5
2	How relevant did the speaker discuss the content?	4
3	Are you satisfied with the time?	4
4	How much interesting this session was for you?	4
5	Did the lecture cover what you were expecting?	4
6	What is your opinion about the speaker?	5
7	How useful was this session from the knowledge and information point of view?	5
8	Overall effectiveness of Expert lecture	5

Any suggestions: _____


 Name & Signature
Shishika Wankhede

Date: 17/02/25

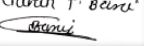
**GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
DEPARTMENT OF ELECTRICAL ENGINEERING
STANDARDIZATION-BASIC CONCEPTS
FEEDBACK FORM**

1) Name of Participant: Churan T. Barui
 2) Branch: Electrical Engineering
 3) Year of Study: 2nd
 4) Mobile Number (preferably WhatsApp): 8308449313

Kindly rate the Autocad workshop in scale of 1 to 5 (1-Poor, 2-Needs Improvement, 3-Good, 4-Very Good, 5-Excellent)

Sr. No.	Feedback Questions	Rating
1	How was the overall organization of the event?	3
2	How relevant did the speaker discuss the content?	4
3	Are you satisfied with the time?	4
4	How much interesting this session was for you?	4
5	Did the lecture cover what you were expecting?	3
6	What is your opinion about the speaker?	3
7	How useful was this session from the knowledge and information point of view?	4
8	Overall effectiveness of Expert lecture	4

Any suggestions: _____


 Name & Signature
Churan T. Barui

Date: 17-02-25

Detailed Report on Born Psychos | Adhyaaya 2025

GOVERNMENT COLLEGE
OF ENGINEERING,
NAGPUR.

BORN PSYCHOS
Embrace your inner chaos

अध्येयाया
A legacy of infinite chapters

ROUND I
QUIZ MASTER

ROUND II
FLIP-A-SCORE

ROUND III
TREASURE-BACK

ENTRY FEES:
RS. 180/- (TEAM OF 2)
RS. 250/- (TEAM OF 4)

Date: 20 Feb 2025
Contacts:
Shivani Gurnule - 9021599762
Chetan Barai - 8308449313

**PRIZES WORTH
4K
AWAIT YOU**

adhyaaya.gcoen
www.adhyaaya.org

Date: 20th February 2025

Venue: Government College of Engineering, Nagpur

Time: 1:30 pm onwards

Link: [Clip of Round 2](#)

Introduction

Born Psychos, organised by the Electrical Engineering Student Association (EESA), was conducted as part of the National Technical Symposium ADHYAAYA 2025. The event provided an exhilarating platform for participants to showcase their problem-solving skills, strategic thinking, and teamwork through a series of challenging tasks.

Round 1 - Treasure Trackers

The initial round, Campus Code Hunt, challenged participating teams to solve clues within 45 minutes. Teams could pick up an envelope from a box, containing a map of the college and a riddle indicating a location on the campus. After solving the inverted riddle, teams were required to reach the encoded location, search the area for the third clue, which consisted of photos of posters, each displaying a famous quote. Teams had to locate the specific poster, take a photo with it, and submit it to the on-ground volunteers for verification.

Round 2 - Joyful Jamboree

In the thrilling elimination round, teams faced a dual challenge to prove their wit and agility. The first segment unfolded with teams vying to unravel mind-bending riddles projected on the screen. The race to hit the buzzer and provide the correct answer was not just a battle of intellect but a quest for coveted smiley balls. Each accurate response earned the triumphant team a rewarding smiley ball, fueling their quest for victory. The competition escalated in the second part as teams engaged in a whimsical yet competitive Smiley Ball fight.

Round 3 - Culmination Chronicle

The grand finale required the remaining teams to solve a murder mystery within a tight timeframe of 45 minutes. Teams successfully identified the murderer and the motive within this challenging time frame.

The quadruple team of Rohit Bhoge emerged as the winners, answering within 15 minutes and receiving a prize of 2500/-. The runners-up, a team of 4 of Sayali Ther, completed the mystery in 25 minutes and were awarded 1500/-.

Outcomes

- ✓ The competition enhanced problem-solving, teamwork, and quick decision-making among participants.
- ✓ Students developed logical reasoning and critical thinking skills through challenging rounds.
- ✓ The event encouraged effective communication and coordination among team members.
- ✓ Participants gained real-time experience in tackling challenges under pressure.

Glimpse of the event





Teams searching for clue in the first round





Second Round: Smiley Ball Fight

Detailed Report on Online Meeting on Proposed Course “Field Study of Agricultural Distribution Systems for Electrical Engineering”

Title: Field Study of Agricultural Distribution Systems for Electrical Engineering

Speaker: Prof. Priya Jadhav

Designation: Faculty Incharge of Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay

Conducted By: Electrical Engineering Department

Mode of conduction: Hybrid

Platform: Google Meet & Conference Room GCOEN

Date: 27th Jan 2025 (Monday)

Time: 1 pm onwards

No. Of participants: 30

Event Recording Link:

https://drive.google.com/file/d/1gz3cY27KsLB8fEQj0_iqYeGcbknEhwlw/view?usp=sharing

Introduction:

The Electrical Engineering Department of Government College of Engineering, Nagpur, organised an online meeting on Monday, 27th January 2025, at 1:00 PM to introduce a newly proposed elective course titled “Field Study of Agricultural Distribution Systems for Electrical Engineering.” The session was conducted in hybrid mode, both virtually through Google Meet and physically in the department’s conference room. The meeting was held to inform students and faculty members about the course structure, its goals, and how it would benefit the students academically and practically. The resource person for the meeting was Prof. Priya Jadhav, Faculty In-Charge at the Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay. Prof. Jadhav has extensive experience in rural technology development and has been actively involved in field-based research concerning electrical systems in rural and agricultural sectors. The meeting was attended by 30 participants, including students from the third and final year of the Electrical Engineering program, along with faculty members. The session was designed to be interactive and informative, laying the foundation for the smooth launch and successful implementation of the course.

Objectives:

The primary objective of the online meeting was to provide students with an understanding of the relevance and importance of electrical distribution systems in agriculture and how these systems play a key role in improving the efficiency and reliability of rural electrification. The meeting aimed to bridge the gap between theoretical learning and practical application by introducing a course that would involve real-life field exposure.

Prof. Jadhav explained that through this course, students would be encouraged to visit agricultural sites, observe the existing electrical distribution networks, interact with farmers, and collect data related to transformer usage, motor and pump ratings, irrigation practices, and feeder loading patterns. The objective was also to create awareness about the technical challenges farmers face and how engineering solutions can be designed to improve agricultural productivity and energy efficiency.

Additionally, the meeting sought to motivate students to conduct case studies, develop analytical and observational skills, and prepare for future roles where practical problem-solving and community-based engineering are crucial. The course is designed to foster interdisciplinary thinking by blending electrical engineering with social understanding and environmental sustainability.

Key Highlights:

The session delivered by Prof. Priya Jadhav included several insightful and technically rich discussions. She began by introducing the concept of electrical distribution systems in the context of agriculture. She explained the functioning and importance of distribution transformers, particularly how their capacity, location, and loading affect the reliability of electricity supply to farms. She elaborated on how agricultural pumps, which are widely used for irrigation, are selected based on motor ratings, irrigation demands, and land size.

A major part of her discussion was centred around irrigation technologies, where she highlighted the growing significance of sprinkler irrigation systems as a water-saving and energy-efficient solution. She also touched upon irrigation pumping systems and how improper selection or usage leads to overloading of feeders and power losses.

Prof. Jadhav introduced the idea of power flow modelling for agricultural feeders, showing how it helps analyse voltage drops, system losses, and the effect of seasonal cropping patterns on power demand. She discussed the importance of fieldwork, especially in rural areas, where students can observe and study real systems rather than just simulated models. She provided

useful tips on how to approach field studies—how to gather technical data, communicate effectively with farmers, and maintain accuracy in documentation.

She further emphasised the need for case-based learning and suggested topics for student projects, including:

- a) The role of capacitors in improving the power factor in agricultural pump sets.
- b) The impact of feeder loading on transformer performance during different cropping seasons.
- c) The importance of operational efficiency in existing agricultural pumping systems.
- d) Correct pump selection based on field size, water table, and crop requirements.

She encouraged students to be curious and proactive, explaining that their role in the course would not only be as learners but also as field investigators and problem-solvers. A significant part of the course would involve conducting a farmer survey, for which a questionnaire would be developed to collect structured data on electricity usage, irrigation methods, issues with supply, and maintenance practices. This would allow students to perform a detailed analysis and suggest technical improvements based on their findings.

Outcomes:

The online meeting turned out to be very informative and motivating for both students and faculty. It gave a clear picture of how electrical engineering concepts can be directly applied in solving real-life problems in the agricultural sector. Students understood that their classroom knowledge about power systems, load calculations, and efficiency can be used meaningfully to improve rural energy systems.

The session also generated enthusiasm among students for participating in field-based learning, as they were excited about the opportunity to visit farms, interact with local communities, and contribute to practical improvements in rural infrastructure. The idea of taking up mini-projects or case studies, based on actual field conditions, was especially appreciated. Students showed interest in understanding not just technical parameters, but also social and economic factors that influence energy consumption in agriculture.

As an outcome of the meeting, the groundwork for launching the elective course has been successfully laid. Students now have a clear understanding of their roles, expectations, and learning outcomes. Faculty members also received valuable insights on how to guide students during field visits and project work. With support from Prof. Priya Jadhav and CTARA, IIT Bombay, the course promises to offer a holistic and meaningful learning experience that goes beyond textbooks and laboratory simulations.

Glimpses:

UMA_Electrical_Eng_Book - Adobe Acrobat Reader (64-bit)

File Edit View Sign Window Help

Home Tools UMA_Electrical_Eng_... x

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Figure 1. An area of Solapur taluka in Solapur district. The red circles indicate the habitation clusters with larger areas surrounded by agricultural fields.

2.2 Schematics of 11 kV network (or High Tension) of Ag feeder

A schematic of an Ag feeder (Agricultural feeder) is shown below figure 2. The starting point for an agricultural feeder is the distribution substation. The main function of a distribution substation

05:24

Prashant Debra has joined

00:08:53

27 13:40 | vvi-viek-sjf

Prnya Jodnav (Presenting)

UMA_Electrical_Eng_Book - Adobe Acrobat Reader (64-bit)

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conduct field visits. It includes:

A. Selection of Distribution Transformer (DT)

The DT selection should be done in consultation with the MSSEDCL subdivision office, or students can select by themselves if they have contacts in a village. The present case study can be done in any agricultural DT. Following are some suggestions for the selection of DT:

- Ease of field visit to village
- The village should be selected considering its geographical proximity to students.
- The willingness of farmers to contribute time and effort to the case study.

Given the important role of the farmer in the Case study village must be selected where the farmers are willing to contribute time and effort.

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B. Overloaded DT

The electricity problem is faced in an area where the agriculture feeder is heavily loaded. The student should preferably select overloaded DTs to get a better picture of the effect of capacities.

An institute may write a letter to the concerned MSSEDCL departments to inform them about the study project and request them to help in selecting a village and DT.

C. Collection of secondary data of the village

The student should collect secondary data about the following non-sensational data of the village. The details of sources from which these details are available are given in chapter no.

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Figure 1. An area of Solapur taluka in Solapur district. The red circles indicate the habitation clusters with larger areas surrounded by agricultural fields.

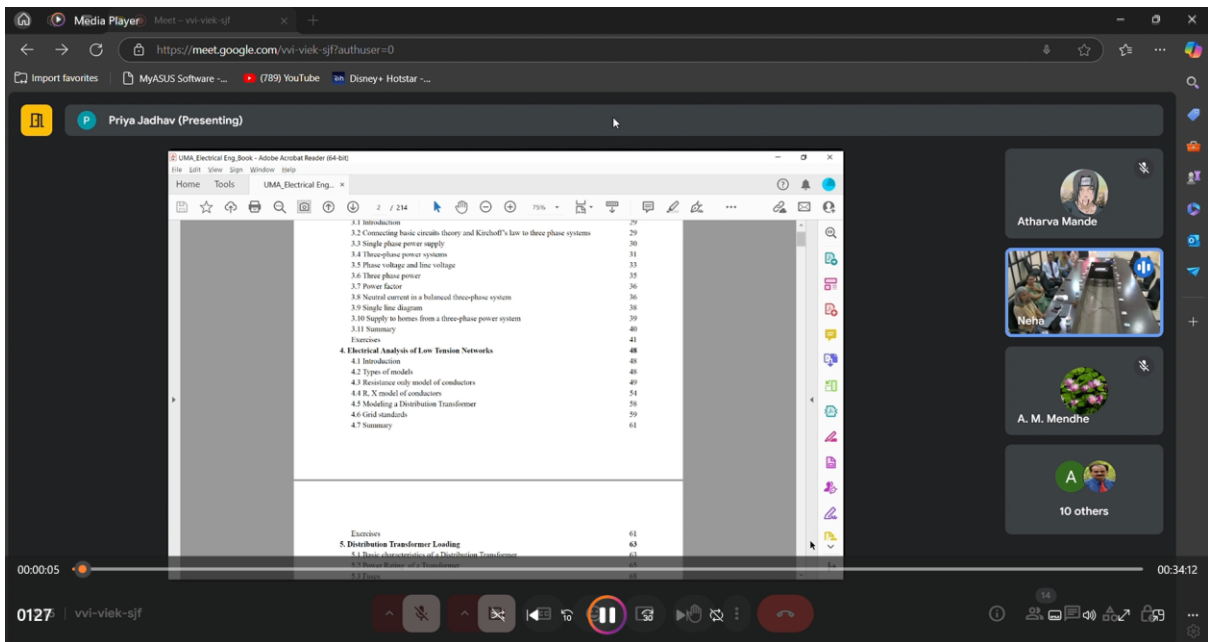
2.2 Schematics of 11 kV network (or High Tension) of Ag feeder


A schematic of an Ag feeder (Agricultural feeder) is shown below figure 2. The starting point for an agricultural feeder is the distribution substation. The main function of a distribution substation

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 Government of Maharashtra
Government College of Engineering, Nagpur
 (NAAC Accredited Institute Grade : B++ with CGPA 2.93)
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 "To be an Institute of National Repute Creating Globally Competent Technocrats to Serve the Society"

 GCONE/EE/2025/ 547 Date: 25/1/2025

To,
 BoS Members,
 RTMNU Nagpur


Sub: Invitation to Online Meeting on Proposed Course: "Field Study of Agricultural Distribution Systems for Electrical Engineering"

Respected Members,

We are pleased to invite you to an online meeting scheduled on Monday, 27th January 2025 to discuss a new course proposal, "Field Study of Agricultural Distribution Systems for Electrical Engineering". We are delighted to inform you that Prof. Priya Jadhav, from the Centre for Technology Alternatives for Rural Areas, IIT Bombay, will provide an introduction to the course and its relevance during an Online session. The proposed course material includes a comprehensive textbook covering case studies, fieldwork instructions, and theoretical content. The course may be offered as either a core or elective subject in the Electrical Engineering curriculum.

The meeting timings will be shared in the WhatsApp group created for Online Session. We request your kind presence and valuable feedback to help shape the structure and content of this course.

Looking forward to your participation.

Yours sincerely

 Course Coordinator
 ATAL FDP ID 3236

INVENTRIX 7.0 ROUND 3 PLAN 2 PROTOTYPE



GOVERNMENT COLLEGE OF ENGINEERING NAGPUR



EESA

PRESENTS

INVENTRIX 7.0

GET READY FOR

Round 3

PLAN TO PROTOTYPE

EVENT COORDINATOR

Yash Balpande
Sakshi Kawade

FACULTY COORDINATOR

Praful Nandankar

HOD ELECTRICAL

Dr. R. S. Surjuse

PRINCIPAL

Dr. R. P. Borkar

Title: Inventrix 7.0 round 3 Plan-2-Prototype.

Conducted by: EESA

Mode of Activity: Offline

Venue: Auditorium (Room No. 2), Main Building, GCOEN

Date: 11th April 2025 (Saturday)

Time: 11:00 AM onwards

No. of qualified teams: 9 teams

Introduction:

The EESA committee organized the third round of the Inventrix 7.0 plan-to-prototype event on April 11, 2025. This round served as a continuation of the Dare-2-Invent round 2. Participants showcased prototypes addressing problem statements presented in the second round, covering various fields from women's safety to the educational system to medical technology.

Pre-Event Highlights:

Distinguished guests for the event included

- 1) Mr. Satish Ghare, Energy Auditor, Retired Additional Executive Engineer, Koradi Project, MAHAGENCO
- 2) Dr. D.J. Chaudhari, Assistant Professor, Computer Science Engineering Department, Government College of Engineering, Nagpur
- 3) Prof. Shweta Rajurkar, Assistant Professor, Electrical Engineering Department, Government College of Engineering, Nagpur

The guests arrived at the college campus at approximately 10:45 AM and were escorted to the principal's cabin. They introduced themselves to the committee members and shared insights from their respective fields.

The guests joined the auditorium for the event at around 11:00 AM.

Event Highlights:

- The inauguration ceremony of Round 3 of Inventrix 7.0 commenced with enthusiasm, hosted by Samyak and Vaishnavi Gore. The event aimed to showcase innovation and creativity through prototypes developed by participating teams.
- Samyak welcomed all attendees, including respected dignitaries, guests, and participants. The ceremony marked the culmination of Inventrix 7.0's third and final round, promising innovative prototypes addressing problem statements from Round 2.
- Dr. Rajesh Surjuse (Head Electrical) presented bouquets to Mr. Satish Ghare and Prof. Praful Nandankar presented to Dr. D.J. Chaudhari and Prof. Shweta Rajurkar, followed by President Bharat Pande presenting floral greetings to the EESA Faculty Coordinator.

- EESA Vice President, Yash Balpande, provided an introduction to Inventrix 7.0, highlighting its significance and objectives. He briefed the audience on the event's importance within the EESA committee.
- The Head of the Electrical Department encouraged participants to strive for excellence and innovation. Mr. Satish Ghare, the Guest of Honour, gave a motivating speech to the audience. He talked about how important innovation is in today's world and how it helps us solve problems and improve lives. He encouraged everyone, especially students and young professionals, to take interest in fast-growing fields like Electric Vehicles (EVs), Renewable Energy, Robotics, and Drones. He said that these areas have a lot of opportunities and can play a big role in building a better and more sustainable future. His speech inspired the audience to think creatively and work towards making a difference through new ideas and technologies.
- A video presentation showcased the essence of Inventrix, setting the stage for subsequent proceedings. The ceremony concluded with a group photo session, symbolizing unity and collaboration.
- Vaishnavi Gore provided essential event format information, including presenting teams, time allocations, and evaluation criteria.
- Throughout the event, prototypes were evaluated based on novelty, practicability, potential social impact, hardware demonstration, and Q&A sessions with judges, ensuring fairness and transparency.
- EESA Vice President, Yash Balpande, extended a vote of thanks to all participants, organizers, and attendees for their contributions to the success of Inventrix 7.0.
- The qualified teams presented their prototypes to the judges, with presentations lasting 20-25 minutes each. Feedback was shared via the Scrapbook maintained by EESA.

After deliberation, the results were announced:

- Solution for 360° flame detection in both axes by Fire Fighters (Rugved Kaprekar)
- Advance attendance management system by MISSION_I_M_POSSIBLE (Mayank Gongal)
- Women safety system by LEO (Kuldeep Tiwari)

With this, the seventh iteration of INVENTRIX concluded, marking a successful event dedicated to fostering innovation and excellence in engineering.

The conclusion of the seventh iteration of INVENTRIX not only marks the culmination of innovative endeavors but also signifies the beginning of a journey towards real-world implementation and impact. As these pioneering prototypes transition from concept to reality, they hold the potential to address pressing challenges, drive societal progress, and inspire future generations of innovators. The success of INVENTRIX 7.0 underscores the power of collaboration, creativity, and dedication in shaping a brighter, more innovative future. As we celebrate the achievements of the participating teams, let us also embrace the spirit of continuous

innovation, propelling us towards new horizons of technological advancement and societal betterment.

Outputs:

1. Through organizing such an event, the EESA committee fosters collaboration among students, faculty, industry professionals, and other stakeholders. This collaboration can lead to new ideas, partnerships, and opportunities for everyone involved.
2. Organizing an event of this scale provides valuable hands-on experience for the organizing committee members. They gain skills in project management, communication, teamwork, problem-solving, and event planning, which are highly transferable to their future endeavors.
3. The presentations, speeches, and interactions during the event facilitate the exchange of knowledge and ideas among participants. Attendees can learn about the latest developments in their field, innovative solutions to common challenges, and emerging trends in technology and engineering.
4. By showcasing prototypes developed by participating teams, the event promotes a culture of innovation within the engineering community. It inspires students to think creatively, experiment with new ideas, and pursue their passion for technology and engineering.

Overall, organizing an event like Inventrix 7.0 can have far-reaching benefits for the participants, the organizing committee, and the broader engineering community, contributing to the advancement of knowledge, skills, and innovation in the field.

GOVERNMENT COLLEGE OF ENGINEERING, NAGPUR

DEPARTMENT OF ELECTRICAL ENGINEERING

“INVENTRIX 7.0 ROUND 3”

TEAM WISE TIMING SLOT

Sr No.	Title of Idea	Team Name	Team Leader	Time slot
1	Advance attendance management system	MISSION_I_M_POSSIBLE	Mayank Gongal	11:30AM
2	Mind track	Mind Track	Ayushi Singh	11:45AM
3	Ai- enhanced real time heart attack risk assessment	Team Preventia	Rohit Gaiwad	12:00PM
4	MediEase	Team Wizard	Om Dhage	12:15PM
5	Solution for 360° flame detection in both axes	Fire Fighters	Rugved Kaprekar	12:30PM
6	Presage	Team Presage	Samyak Bharsakle	12:45PM
7	Women safety system	LEO	Kuldeep Tiwari	01:00PM
8	Agripulse	Team AgriPulse	Krishna Borakhade	01:15PM

INVENTRIX 7.0 ROUND 2 QUALIFIED TEAMS



Sr.No./GCOEN/2025/ 240
Dt. 19/03/2025

Subject: Result of Round 2 of Inventrix 7.0

Round-2 (Dare2Invent) of INVENTRIX 7.0 was conducted on 15th March 2025 at 11 am. Around 23 teams from different streams and different colleges have presented their solutions to selected problem statements in front of judges. These 9 teams have presented and are qualified for Round-3, validation of their solution has been done by judges.


The following teams are qualified and team names are as follows:

Sr. No.	Title of Idea	Team Name	Team Leader
1	Agripulse	Team AgriPulse	Krishna Borakhade
2	Advance Attendance Management System	MISSION_I_M_POSSIBLE	Mayank Gongal
3	AI enhanced real-time Heart Attack Risk assessment	Team preventia	Rohit Gaikwad
4	Mind track	Mind track	Ayushi Singh
5	Women Safety System	LEO	Kuldeep Tiwari
6	Presage	Team Presage	Samyak Bharsakle
7	Solution for 360° flame detection in both Axes	Fire Fighters	Rugved Khapekar
8	MediEase	Team Wizards	Om Dhage
9	Smart dustbin	Team Smart	Atharva Chavhan

CONGRATULATIONS TO QUALIFIED TEAMS


EESA Coordinator
Govt. College of Engg.
Nagpur

Assistant Professor
Electrical Engineering Department
Govt. College of Engg., Nagpur.


Head Electrical
Govt. College of Engg.
Nagpur

Head of Department
Electrical Engg.
Govt. College of Engineering
Nagpur.





