IES COLLEGE OF ENGINEERING

(An Engineering College Promoted by the Ideal Educational Society)
Approved by AICTE, New Delhi & Affiliated to A.P.J. Abdul Kalam Technological University

06/08/2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the details of the Capacity Development and Skill Enhancement activities-(5.1.3) are organized for improving students' capabilities-

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. Awareness of trends in technology

Organized for improving students' capabilities (5.1.3) offered by the institution during the year (2024-25) is as attached herewith.

PRINCIPAL

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IES COLLEGE OF ENGINEERING
CHITTILAPPILLY - 680 551
THRISSUR - KERALA

I.E.S. COLLEGE OF ENGINEERING
P.O. Chittilappilly
Thrissur - 680 551

CHITTILAPPILLY.P.O., THRISSUR - 680551, KERALA, Ph: 0487 2309966,2309967
E-mail: mail@iesce.info, iesce.2003@gmail.com, URL: www.iesce.info

REPORT ON AI FOR CIVIL ENGINEERS

Date: September 15th 2025

Venue: Civil Seminar Hall

1. Introduction

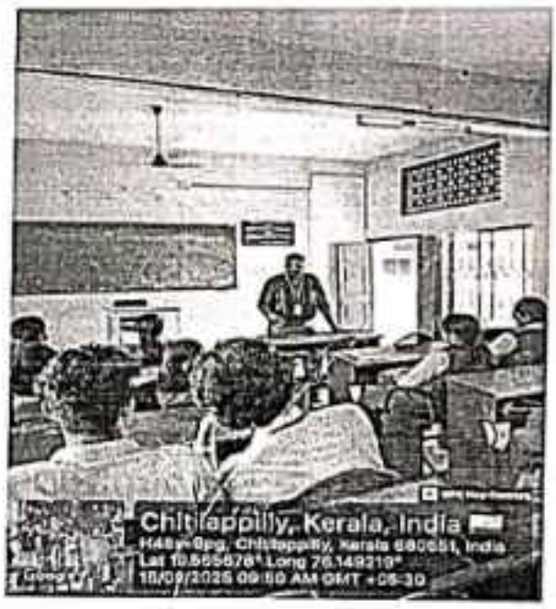
A technical session on **"AI for Civil Engineers "** was organized on **September 15, 2025,** specifically tailored for professionals and students in the field of **Civil Engineering.** The session was delivered by **Mr. Nishant P,** a subject matter expert with extensive knowledge in AI applications across engineering disciplines.

The talk aimed to introduce the fundamentals of Artificial Intelligence (AI) and explore their transformative applications in civil engineering, particularly in construction and infrastructure development.

2. Objectives

The primary objectives of the session were:

- To introduce the concepts and principles of AI and robotics.
- To demonstrate the relevance and applicability of emerging technologies in civil engineering.
- To explore future trends and potential career opportunities within this interdisciplinary field.



3. Session Highlights

The technical talk was structured into the following thematic areas:

- **Introduction to AI**
  Overview of AI, including basic definitions, components, and distinctions.
- **Applications in Civil Engineering**
  Real-world examples and case studies on the use of AI in:
  - Construction automation
  - Structural health monitoring
  - Project planning and management
  - Smart infrastructure
- **Future Prospects and Industry Trends**
  Discussion on evolving technologies such as machine learning, computer vision, drone-based monitoring, and autonomous machinery, along with their expected impact on the industry.

4. Key Takeaways

- **Enhanced Efficiency and Precision:**
  AI-driven tools and robotic systems can significantly improve project timelines, reduce human error, and increase accuracy in construction tasks.
- **Process Optimization:**
  Technologies like predictive analytics and automated systems contribute to more streamlined workflows in infrastructure projects.
- **Opportunities for Civil Engineers:**
  Integration of AI and robotics opens up new avenues for civil engineers, emphasizing the importance of interdisciplinary learning and adaptability to technological trends.

5. Participant Feedback

The session was well-received by attendees, who highlighted the following aspects:

- The speaker's **clarity** and **depth of knowledge** on the subject.
- The use of **real-world examples** that made complex concepts more relatable.
- The **interactive nature** of the session, which encouraged active participation and discussion.

Overall, the feedback reflected a strong appreciation for the relevance and timeliness of the topic in today's rapidly evolving engineering landscape.

6. Conclusion

The technical talk on **"AI for Civil Engineers "** successfully met its objectives by providing civil engineers with critical insights into how emerging technologies can be leveraged in their

field. It underscored the importance of embracing innovation to remain competitive and effective in modern engineering practices.

Such sessions play a vital role in bridging the gap between traditional engineering practices and future-ready technological solutions.

IES COLLEGE OF ENGINEERING, CHITTILAPPILLY, THRISSUR

Attendance Sheet

DEPARTMENT OF CIVIL ENGINEERING -2022 BATCH

SI NO	REG NO	Name	Signature
1	IES22CE001	ABHAI SHAJI	
2	IES22CE002	ADHIK KRISHNA V A	
3	IES22CE003	ADITHYA KRISHNA K MENON	
4	IES22CE004	ADITHYA KRISHNA P. S	
5	IES22CE005	AFRIN ASHARAF	
6	IES22CE006	AGNIMITHREN.S.MENON	
7	IES22CE007	AJAY RAMESH	
8	IES22CE008	AJITHRAJ K R	
9	IES22CE009	AJMAL P R	ABSENT
10	IES22CE010	ALIYA K ANSARI	ABSENT
11	IES22CE011	ALIYA K K	ABSENT
12	IES22CE013	ANAMIKA U S	ABSENT
13	IES22CE014	ANEENA VARGHESE	
14	IES22CE015	ANJANA M U	
15	IES22CE016	ANUJA K J	
16	IES22CE017	APARNA T	
17	IES22CE018	ARDRA NANDANAN	
18	IES22CE019	ARUN T S	A
19	IES22CE020	ARYA NANDANAN	
20	IES22CE021	AVANTHIKA V A	
21	IES22CE022	AYSHA NIYA K S	A
22	IES22CE023	BISNA V BALAGOPALAN	
23	IES22CE024	DEVIKA NALINAN	
24	IES22CE025	DEVI NANDANA P R	
25	IES22CE026	FATHIMAH SANWAH P S	
26	IES22CE027	FIDHA HASEEN H	
27	IES22CE028	GAYATHRI PRASAD	
28	IES22CE029	GEO K J	A
29	IES22CE030	GOPIKA P B	
30	IES22CE031	HANA MEHABOOB	A
31	IES22CE032	JASMINE K F	
32	IES22CE033	JERRY V S	
33	IES22CE034	JITHIN UNNIKRISHNAN	

34	IES22CE035	KAVYA . C . S	
35	IES22CE036	MAHADEV K M	
36	IES22CE037	MOHAMMAD FADIL . V . A	
37	IES22CE038	M S SREELAKSHMI	A
38	IES22CE039	MUHAMED YASIN N N	A
39	IES22CE040	NAAJIYA KAMARUDEEN	
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43	IES22CE044	PRIYANKA ROSE K S	
44	IES22CE045	RANJITHA K R	
45	IES22CE046	SAJAL KRISHNA	A
46	IES22CE047	SREEMOL C D	
47	IES22CE048	VAISHNAVI M P	
48	IES22CE049	VISWAJITH P R	A
49	IES22CE050	YADHUKRISHNA K	

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CHITTILAPPILLY, THRISSUR- 680 551

NBA
NATIONAL BOARD of ACCREDITATION
Accredited Programmes
CLICK/ME

TOTAL STATION WORKSHOP

GLOBAL
HI-TECH SURVEY

Plot Designing

Contouring

Leveling

Total Station Survey

GPS Survey

Route Survey

29-09-2025

globalhitechsurvey@gmail.com

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DEPARTMENT OF CIVIL ENGINEERING

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CHITTILAPPILLY, THRISSUR- 680 551

DEPARTMENT OF CIVIL ENGINEERING

Report- TOTAL STATION WORKSHOP

Department of Civil Engineering organized a Total Station workshop, led by Global Hi Tech Survey Team, on 29/09/2025 for S3 Civil Engineering students.

Session started at 9 am, by introducing the Total station instrument to the student. They divided the students into two groups of 11 students each. Initially they started with the calculation of horizontal and vertical distance measurement. Then they moved to area calculation and plotting the survey points.

DEPARTMENT OF CIVIL ENGINEERING

Students conducted the survey in the space between EEE and ME block and established some survey points. Then the results obtained from the Total Station is checked with the manually calculated values, and it was matching.

Overall, the program achieved its objectives of introducing the advanced surveying instrument to students and inspiring them to explore potential career paths in this vital domain. The workshop completed at 4.00pm.

Outcomes:

- Improved understanding of total station instrument
- Hands on experience with the functions of the instrument
- Practical application of the skill

Faculty-in-charge **HOD/CE** **PRINCIPAL**

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DEPARTMENT OF CIVIL ENGINEERING

"WORKSHOP ON TOTAL STATION"

Department of Civil Engineering
Attendance Sheet

CE Seminar Hall

29-09-2025

SL.NO	Name of Students	Semester	Signature
1	ABHISHEK SHAJI	S3	
2	ADHIL T S	S3	
3	ADITH KRISHNA C S	S3	
4	ADWAITH SHAJU	S3	
5	AHMED ADAM P H	S3	
6	ALFRED SEBASTIAN	S3	
7	AMINA SHIFA	S3	
8	ARDRA A S	S3	
9	DEVIKRISHNA P	S3	
10	EMRIC MATHEW	S3	
11	GOURI P P	S3	
12	MOHAMED JUNAID KAMARUDHEEN	S3	
13	MOHAMMED RISHAN	S3	
14	NAVANEETH KRISHNA P S	S3	
15	O NEHLA NISHAL	S3	
16	RIHAN RASHEED	S3	
17	SHEKHA	S3	
18	SWAPAN DIJ	S3	
19	SWETHA P P	S3	
20	VIVEK C J	S3	
21	ABHAY KRISHNA U B	S3	
22	DILJITH V DINESH	S3	

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CHITTILAPPILLY, THRISSUR- 680 551

Hands on Training Session

GIS Workshop

Mr.Neeraj Biju
GIS Associate and Trainer
TERRAGIS GEOSPATIAL SOLUTIONS

Wednesday
20th Aug 2025

Starts at
09.30 AM

DEPARTMENT OF CIVIL ENGINEERING

VENUE » CIVIL SEMINAR HALL

IES COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

BATCH - 2022, SEMESTER 7

ATTENDANCE SHEET FOR HANDS ON TRAINING ON QGIS SOFTWARE

SL.NO	ROLL NO	NAME	SIGNATURE
1	IES22CE001	ABHAI SHAJI	
2	IES22CE002	ADHIK KRISHNA V A	
3	IES22CE003	ADITHYA KRISHNA K MENON	
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DEPARTMENT OF CIVIL ENGINEERING
IN ASSOCIATION WITH ACE

SEMINAR ON "VASTHU"

Learn how to make your surroundings a better place to live in

RIJULDAS V

CHAIRMAN OF SILPIES CONSTRUCTION, STRUCTURAL ENGINEER & VASTHU COSULTANT

Date
23 JANUARY, 2025

Venue
CE SEMINAR Hall

Start At
02.00 PM

"SEMINAR ON VASTHU"

Department of Civil Engineering
Attendance Sheet

CE Seminar Hall **23-01-2025**

SL.NO	Name of Students	Semester	Signature
1	ABHISHEK ANIL	S8	
2	ANANTHAKRISHNAN M K	S8	
3	ASWATHY P.M	S8	
4	ATHULKRISHNA T.A	S8	
5	AUGUSTAS ANTONY	S8	
6	FAIHA K	S8	
7	FATIMA NASHMIYA P.N.	S8	
8	JITHIN RAJU	S8	
9	JUNAID SHA BAIG	S8	
10	KRISHNAPRIYA K S	S8	
11	MOHAMMAD SHEHEEN V S	S8	
12	MOHAMMED SAHAL	S8	
13	MRUDULA M	S8	
14	MUHAMMED ASLAM A A	S8	
15	MUHAMMED AZHAR M K	S8	
16	MUHAMMED ZIAN NAVAZ	S8	
17	MUHSINA E K	S8	
18	NANDHANA NAKULAN	S8	
19	NIKHIL K A	S8	
20	NIYA FATHIMA BACKER	S8	
21	ROHITH T R	S8	
22	SHABNAM A A	S8	
23	SILVIYA PRIJU	S8	
24	SREYAS P M	S8	
25	SWATHI V S	S8	
26	ABHAI SHAJI	S6	
27	ADHIK KRISHNA V A	S6	
28	ADITHYA KRISHNA K MENON	S6	
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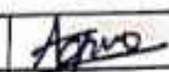
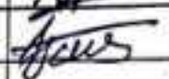
30	AFRIN ASHARAF	S6	

31	AGNIMITHREN S MENON	S6	
32	AJAY RAMESH	S6	
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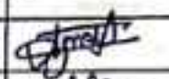
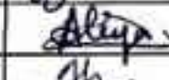
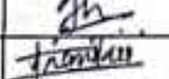
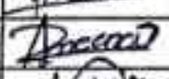
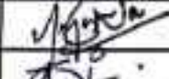
34	AJMAL P R	S6	
35	ALIYA K ANSARI	S6	
36	ALIYA K K	S6	
37	ANAMIKA U S	S6	
38	ANEENA VARGHESE	S6	
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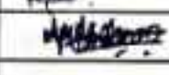
40	ANUJA K J	S6	
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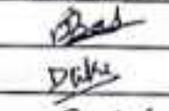
45	AVANTHIKA V A	S6	
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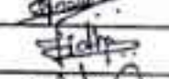
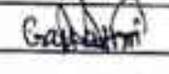
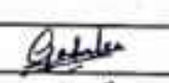
47	BISNA V BALAGOPALAN	S6	
48	DEVIKA NALINAN	S6	
49	DEVI NANDANA P R	S6	
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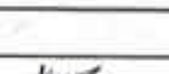
52	GAYATHRI PRASAD	S6	
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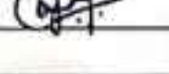
60	MAHADEV K M	S6	
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66	NAJIYA ABDUL AZEEZ	S6	
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68	PRIYANKA ROSE K S	S6	
69	RANJITHA K R	S6	
70	SAJAL KRISHNA	S6	
71	SREEMOL C D	S6	
72	VAISHNAVI M P	S6	
73	VISWAJITH P R	S6	
74	YADHUKRISHNA K	S6	
75	ADITHYA E R	S4	
76	AMRITHA K B	S4	
77	ANANYA T S	S4	
78	ASWIN B JAYAN	S4	
79	AYSHA RIFA	S4	
80	HANA HISHAM	S4	
81	KRISHNAPRIYA K V	S4	
82	MALAVIKA P M	S4	
83	MUHAMMED ISHAN	S4	
84	NESHWA T A	S4	
85	ROHINI P L	S4	
86	SANTHI MURALI	S4	
87	SHAHALA HUSSAIN	S4	
88	VISHNU SUNILKUMAR	S4	

IES COLLEGE OF ENGINEERING

TECH TALK EVENT

Cryptography

Monday

28 January 2025

SPEAKER
MICHELLE

TIME
2:00 – 4:00 PM

VENUE
IES Auditorium

CamScanner

IES COLLEGE OF ENGINEERING

TECH TALK EVENT

Blockchain

Monday

28 January 2025

SPEAKER

G R ADHISH

TIME

2:00 – 4:00 PM

VENUE

IES Auditorium

CamScanner

CESA

IES COLLEGE OF ENGINEERING

TECH TALK

- Emerging open source
- LLM - DeepSeek AI

Monday

28 January 2025

SPEAKER

PANICKER ADITYA GOPINATH

TIME

2:00 - 4:00 PM

VENUE

IES Auditorium

DEPARTMENT OF CSE

CamScanner

IES COLLEGE OF ENGINEERING CHITTILAPPILLY, THRISSUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT ON TECHNICAL TALKS ON THE ASSOCIATION DAY OF CSE

Title : Technical talk on Block chain, Cryptography, Emerging Open Source LLM - Deepseek AI
Date : 28th january 2025
Time : 2:00 PM to 4:00 PM
Venue : IES Auditorium

The **Department of Computer Science and Engineering, IES College of Engineering,** successfully conducted three technical talks by students in S4,S6,S8 students on the association day of CSE(CESA) as the part of technical club Evotech on 28 th January 2025. The programme aimed to enhance the technical skills and knowledge of students in CSE in the area of block chain, cryptography and emerging open source LLM - Deepseek AI.

The session commenced with a warm welcome by **Michelle Aijo, S6 CSE, IES College of Engineering,** who extended her greetings to all the dignitaries, technical talkers and audience. Her welcome address set the tone for a fruitful and interactive session.

The session was handled by **Michelle Aijo, S6 CSE,S6 CSE, IES College of Engineering,** on the topic cryptography. This session provides a comprehensive introduction to cryptography, the science of securing information. It begins with a look at classical cryptographic techniques and progresses to modern systems like AES and RSA. The talk explains the differences between symmetric and asymmetric encryption, the role of hash functions, and how cryptography ensures confidentiality, authentication, and data integrity. The goal is to help students understand not only how cryptography works but why it is essential in today's digital world.

The other session was handled by **GR Adhish , S4 CSE,S6 CSE, IES College of Engineering,** on the topic Block chain. This technical talk demystifies blockchain technology, starting from its origin in powering cryptocurrencies like Bitcoin, and expanding into its broader potential across industries. Audience learned the core concepts of decentralization, distributed ledgers, and consensus mechanisms. The session explores how blockchain ensures transparency, immutability, and security in digital transactions. Real-world use cases beyond finance such as supply chain management, healthcare, digital identity, and smart contracts demonstrate its

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growing relevance. The talk aims to equip students with a clear understanding of how blockchain is transforming technology and opening new career paths.

The final session was handled by **Panicker Adhithya Gopinath, S8 CSE, S6 CSE, IES College of Engineering,** on the topic emerging open source LLM - Deepseek AI. This technical session explores the evolution and impact of open-source Large Language Models (LLMs), with a focus on Deepseek AI, one of the most promising emerging projects in the AI landscape. The talk begins with an overview of LLM fundamental architecture,training data, and inference pipelines before diving into how the open-source movement is democratizing access to AI. The students learned how Deep Seek, a powerful open-source model inspired by GPT architectures, is optimized for research, reasoning, and real-world tasks. The session will compare it with other open models like LLaMA, Mistral, and Falcon, and explain how merging or fine-tuning models can boost performance. Real-world applications, challenges in training/fine-tuning, and ethical considerations of open-source LLMs will also be covered. This talk is ideal for students and developers interested in AI research, model deployment, and the future of open innovation in machine learning.

The session concluded with a vote of thanks by **Anitta Mariya Shajan, S6 CSE, S6 CSE, IES College of Engineering,** expressing gratitude to the principal, HOD, participants and the staff members.

STAFF COORDINATOR

HOD

PRINCIPAL

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IES COLLEGE OF ENGINEERING CHITTILAPPILLY, THRISSUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK

1. Abhijith P M , S6 CSE
   The technical talk was engaging and provided valuable insights.

2. Sona Santhosh, S6 CSE
   The session was well organized and understanding the basic concepts of three areas.

3. Nandana O R , S8 CSE
   The session was well organized and gave theoretical and practical knowledge in the three areas.

4. Aparna , S4 CSE
   The session was highly informative.

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CESA NBA IES COLLEGE OF ENGINEERING

TECH TALK : LATEX

FATHIMA DILSHA

Tuesday

4 FEB 2025

TIME

7:30 - 8:30 PM

NANDANA O R

AYSHA DILNA

ZOOM MEETING ID :

84091055843

PASSCODE :

Ar84TM

DEPARTMENT OF CSE

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IES COLLEGE OF ENGINEERING CHITTILAPPILLY, THRISSUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT ON TECHNICAL TALK ON LaTeX

Title : Technical talk on LaTeX
Date : 04 th February 2025
Time : 7:30 PM to 8:30 PM
Venue : Online session at Zoom app

The **Department of Computer Science and Engineering, IES College of Engineering,** successfully conducted technical talk on LaTeX as the part of technical club Evotech on 04 th February 2025. The programme was conducted by S8 CSE students in IES College of Engineering. The programme aimed to enhance the technical skills and knowledge of students in CSE in LaTeX software to study how to make the documents for mini projects and main projects.

The session commenced with a warm welcome by **Michelle Aljo, S6 CSE ,IES College of Engineering,** who extended her greetings to all the dignitaries, technical talkers and audience. Her welcome address set the tone for a fruitful and interactive session.

The session was handled by **Nandana O R, Aysha Dilna and Fathima Dilsha, S8 CSE, IES College of Engineering,** on the topic LaTeX. This session provides a comprehensive introduction to LaTeX. It discussed how to create scientific, technical, and academic documents, especially those involving complex mathematical equations. They concluded that unlike traditional word processors, LaTeX allows authors to focus on content while it handles the formatting, ensuring consistency and professional quality. It excels in managing references, bibliographies, tables, and figures, making it the preferred choice for research papers, theses, and publications. They also discussed an example using overleaf and discussed the commands and codes used to form documents in LaTeX.

The session concluded with a vote of thanks by **Anitta Mariya Shajan, S6 CSE, IES College of Engineering,** expressing gratitude to the HOD, participants and the staff members.

STAFF COORDINATOR **HOD** PRINCIPAL

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IES COLLEGE OF ENGINEERING CHITTILAPPILLY, THRISSUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK

1. Abhijith N S, S6 CSE
   The technical talk was engaging and provided valuable insights.

2. Anaswara C V, S6 CSE
   The session was very understanding of the basic concepts of LaTeX.

3. GR Adhish , S4 CSE
   The session was well organized and gave theoretical and practical knowledge about LaTeX.

4. Ankit, S4 CSE
   The session was highly informative.

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IES COLLEGE OF ENGINEERING

TECH TALK : COMPUTER ARCHITECTURE WITH RISC V

Swapneel Chandrakant Mhatre

Thursday

3 APRIL 2025

TIME:

8:00 - 9:00 PM

GOOGLE MEET ID :

ebe-gokn-dzg

LINK :

https://meet.google.com/ebe-gokn-dzg

DEPARTMENT OF CSE

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IES COLLEGE OF ENGINEERING CHITTILAPPILLY, THRISSUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT ON TECHNICAL TALK ON COMPUTER ARCHITECTURE WITH RISC V

Title : Technical talk on Computer Architecture with RISC V
Date : 03rd April 2025
Time : 8:00 PM to 9:00 PM
Venue : Online session Meet App

The **Department of Computer Science and Engineering, IES College of Engineering,** successfully conducted a technical talk on **Computer Architecture with RISC V** as the part of technical club Evotech on 03 rd April 2025. The programme aimed to enhance the technical skills and knowledge of S4 & S6 students in CSE in the area of Computer Architecture with RISC V.

The session commenced with a warm welcome by **Anitta Maria Shajan, S6 CSE, IES College of Engineering,** who extended her greetings to all the dignitaries, resource person and audience. Her welcome address set the tone for a fruitful and interactive session.

The session was handled by **Mr.Swapneel Chandrakant Mhatre** on the topic Computer Architecture with RISC V .This session provides a comprehensive introduction computer architecture with RISC V, what is RISC V, why is RISC V, RISC-V vs other architectures, architectural highlights, applications of RISC-V,challenges and limitations of RISC V and future in RISC V. He also discussed the sample assembly code. It is highly useful for the S4 students because they want to study the subject system software in the coming semester.

. The session concluded with a vote of thanks by **Aneena Anto, S6 CSE, IES College of Engineering,** expressing gratitude to the principal, HOD, resource person, participants and the staff members.

STAFF COORDINATOR

HOD

PRINCIPAL

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IES COLLEGE OF ENGINEERING CHITTILAPPILLY, THRISSUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK

1. Abilash P S, S6 CSE
   The technical talk was engaging and provided valuable insights.

2. Aneena Anto, S6 CSE
   The session was very understanding on the basic concepts of computer architecture with RISC V.

3. GR Adhish , S4 CSE
   The session was well organized and gave theoretical and practical knowledge about computer architecture with RISC V.

4. Ankit, S4 CSE
   The session was highly informative for the coming semester.

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IES COLLEGE OF ENGINEERING

APPROVAL FORM FOR PROGRAMME PROPOSAL

Date: 9/8/2024

Name of Department : ELECTRONICS & COMMUNICATION

In Charge of the Programme : SINDHU TV

Title of the Programme : ECE Innovation Pitch (Idea Presentation)

(Workshop/Seminar/FDP/Others)

Objective of the Programme : The idea presentation focuses how to identify real-world challenges and design effective electronic or communication-based solutions.

Guest/ Resource Person : Mr. Ajeesh S, Assistant Professor, Christ College of Engineering

Participants : All Students of the Department of ECE

Date :28/01/2025

Venue :307 Microprocessor & Microcontroller Lab

Requirements- Tea / Transport etc : Tea & Snacks 3 Nos (Morning & Evening) for 1 Day
Lunch 1 Nos for 1 Day

Budget

Sl. No.	Item	Amount
1	Remuneration	Rs.1000
2	Certificate	Rs.1000
3	Prize Money	Rs.2000
Total		Rs.4000

An amount of Rs.4000 will be taken from the IETE for the smooth conduction of the program.

IETE Coordinator

TECSA Coordinator

9/1/25

HoD

Rs. 4000

9/1/25

PRINCIPAL

GENERAL SECRETARY

IES COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REPORT ON ELECTRONIC PITCH EVENT

Event	Date & Time	Venue	Participants	Speaker	Outcome/ Benefit of the Programme
Idea presentation named ECE INNOVATION PITCH EVENT	1 January 28th, 2025 9.00am-4.00pm	MC Lab	students of IESCE Department.	Mr. Ajeesh S, AP, ECE, Christ College of Engineering	• The idea presentation focuses how to identify real-world challenges and design effective electronic or communication-based solutions.

An idea presentation named ECE INNOVATION PITCH EVENT was conducted on January 28th, 2025. This event was open to all circuit branches and it encouraged students to address a social or environmental issue through innovation in ECE. The event was organized by IETE students forum, IESCE in association with TECSA, ECE department association. The judging panel comprised of Mr. Ajeesh S, AP, ECE, Christ College of Engineering, Ms. Rachana M K, HoD, ECE, IESCE and Ms. Sindhu T V, AP, ECE, IESCE. The presentation started at 9.00 AM. There were 10 batches registered for the presentation, each with variety of ideas. The judging panel gave valuable comments and suggestions for improvement so that they can take their ideas to the next level. The event came to an end at 3.00 PM. The first prize was awarded to the team "Tech Tribe" who presented the idea of Blind "Assistance". The team members were Mohammed Irfan, Parthiv Prem, Reuban Raphy and Shuhaib Ashraf of S6 ECE and they received a cash prize of Rs. 1000 from the Principal. The second prize was achieved by the team "Brain-Bridge" who presented the idea of "Brain Computer Interface". Thoms Dixon from S8 ECE presented the idea

IMPACT ANALYSIS

Electronic pitch events provided students with a platform to showcase their innovative ideas, develop entrepreneurial skills, and connect with industry professionals. This encouraged students to apply concepts from engineering, business, and technology courses in real-world scenarios. It prepared students to confidently articulate ideas in front of an audience. It not only developed leadership, teamwork, time management, and critical thinking skills but also increased self-esteem and public speaking ability while pitching ideas in front of judges.

Smt SINDHU T.J
COORDINATORS Anjali Ajay

HOD

28/4/25
PRINCIPAL

ELECTRONIC PITCH EVENT

ACCOUNT STATEMENT
(INCOME)

SL.NO.	DESCRIPTION	AMOUNT
1	IETE	4500/-

(EXPENDITURE)

SL.NO	EXPENDITURE	AMOUNT
I. Remuneration to the Resource person.	Mr. Ajeesh S, AP, ECE, Christ College of Engineering	2000/-
II. Miscellaneous	Certificate	520/-
III. Prize money	Prize money	1500/-
Grand Total		Rs.4520/-
Total amount collected(IETE)		Rs.4500/-
Balance		NIL

Coordinators SINDHU T.V. Anjal: Rajan

HOD

30/12/25 Principal

IES **Chittilappilly post**
Thrissur, (Reg.No.540/91)

PAYMENT VOUCHER

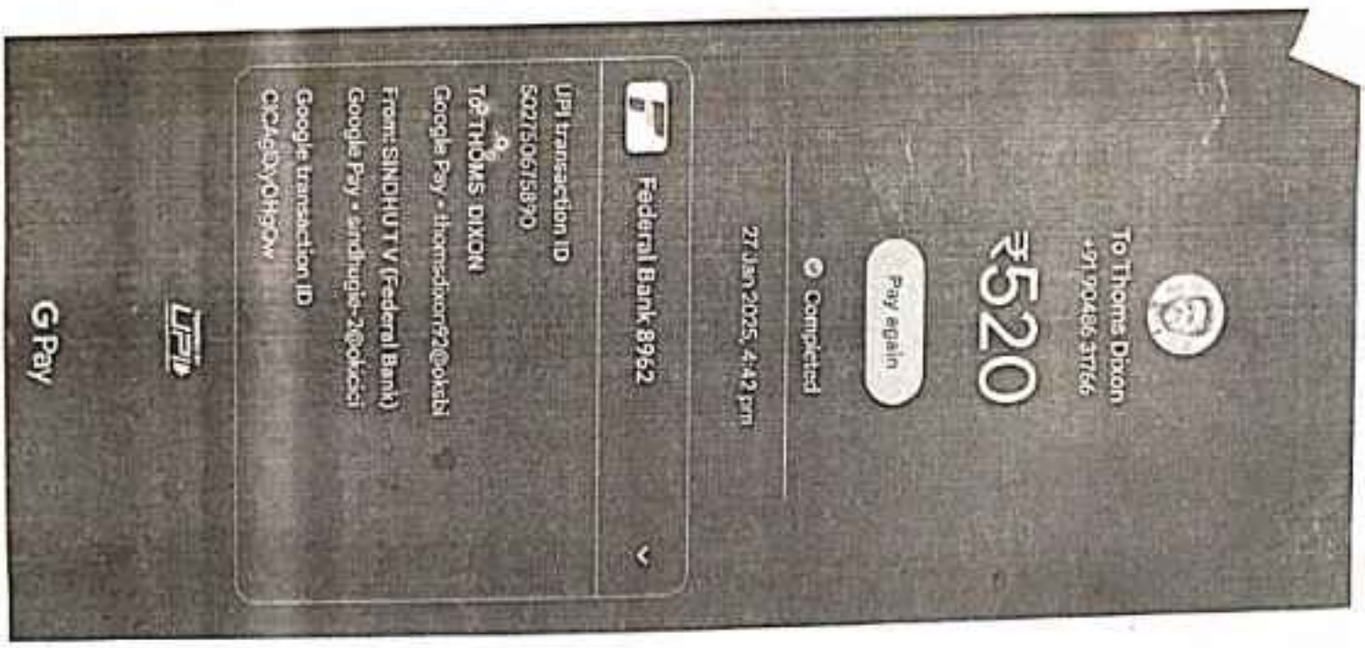
Date 28/1/25.

Particulars	Amount	
Head of Account Idea Presentation. Remuneration.		
Cash / Bank Cash	2000/-	
Being		

Rupees 2000/- Two thousand only

Prepared by | Passed by | Name and Signature of the payee

Checked by | Gen.Secretary / Treasurer / President



Prize Money - 1500/-

2000 +
1500
520
4520

IES COLLEGE OF ENGINEERING

TECSA

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ECE Innovation Pitch (Idea Presentation)

Sl No.	Name of the Team	Reg No.	Team Members	Topic name	Slot No
1	Brain-Bridge	IES21EC019	THOMS DIXON	Brain Computer Interface (BCI)	
2	Tech Titans	IES22EC018	Ardra kp	Smart Road	3
		IES22EC039	Jesna Tj		
		IES22EC044	Liya Siswana		
		IES22EC020	Aswani Is		
3	Axrom x	IES22EC004	Adithya Ps	Alcohol detection with engine lock system with sleeping detection	4
		IES22EC008	Aleena roy		
		IES22EC016	Anjana As		
		IES22EC017	Ardhra k nair		
4	Mastermind	IES23ECO29	Nirmal K F	Better and Faster Emergency Care During Accident	1
		IES23EC03	AMAL VS		
		IES23EC15	GOUTHAM KRISHNA		
		IES23EC21	Faheem		
5	RE-VERT AI	IES23EC008	Aryan Jayan Menon	AI - Driven Urban Reforestation	6
		IES23EC033	Sneha N		
		IES22EC034	Sourav Suresh		
		IES23EC035	Sreevidhya K		
6	Infinity Visionaries	IES23EC004	Ananthakrishnan CS	Unified Smart Home Management System	8
		IES23EC016	Hanan Jafar		
		IES23EC025	Nandana KS		
		IES23EC031	Sayona T Shaju		
7	Tech Tribe	IES22EC046	Mohd Irfan	Blind Assistance	9
		IES22EC051	Parthiv Prem		
		IES22EC052	Reuben Raphy		
		IES22EC057	Shuhaib Ashraf		
8	Techie python	IES22EC011	Anamika PK	Fingerprint based exam hall authentication system	2
		IES22EC007	Akshay vp		
		IES22EC028	Devika MS		
		IES22EC038	Jaiwin P Jabon		
9	Synergy squad	IES22EC009	Amal Krishna K A	Wifi talking robot for old age people	5
		IES22EC024	Athul Krishna K S		
		IES22EC043	Liya E. A		
		IES22EC054	Radhra V S		
10	Texas	IES22EC010	Anagha Rose AS	Solar powered seed sprayer machine	7
		IES22EC023	Aswin Krishna CS		
		IES22EC025	Athalya Nandakumar		
		IES22EC056	sanu shahrin TA		

IES COLLEGE OF ENGINEERING

APPROVAL FORM FOR PROGRAMME PROPOSAL

Date: 9/8/2024

Name of Department : ELECTRONICS & COMMUNICATION

In Charge of the Programme : SINDHU TV

Title of the Programme : ECE Innovation Pitch (Idea Presentation)

(Workshop/Seminar/FDP/Others)

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2	Certificate	Rs.1000
3	Prize Money	Rs.2000
Total		Rs.4000

An amount of Rs.4000 will be taken from the IETE for the smooth conduction of the program.

IETE Coordinator

TECSA Coordinator

9/1/25

HoD

Rs. 4000

9/1/25

PRINCIPAL

GENERAL SECRETARY

IES COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REPORT ON ELECTRONIC PITCH EVENT

Event	Date & Time	Venue	Participants	Speaker	Outcome/ Benefit of the Programme
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IMPACT ANALYSIS

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Smt SINDHU T.J
COORDINATORS Anjali Ajay

HOD

28/4/25
PRINCIPAL

ELECTRONIC PITCH EVENT

ACCOUNT STATEMENT
(INCOME)

SL.NO.	DESCRIPTION	AMOUNT
1	IETE	4500/-

(EXPENDITURE)

SL.NO	EXPENDITURE	AMOUNT
I. Remuneration to the Resource person.	Mr. Ajeesh S, AP, ECE, Christ College of Engineering	2000/-
II. Miscellaneous	Certificate	520/-
III. Prize money	Prize money	1500/-
Grand Total		Rs.4520/-
Total amount collected(IETE)		Rs.4500/-
Balance		NIL

Coordinators SINDHU T.V. Anjal: Rajan

HOD

30/12/25 Principal

IES **Chittilappilly post**
Thrissur, (Reg.No.540/91)

PAYMENT VOUCHER

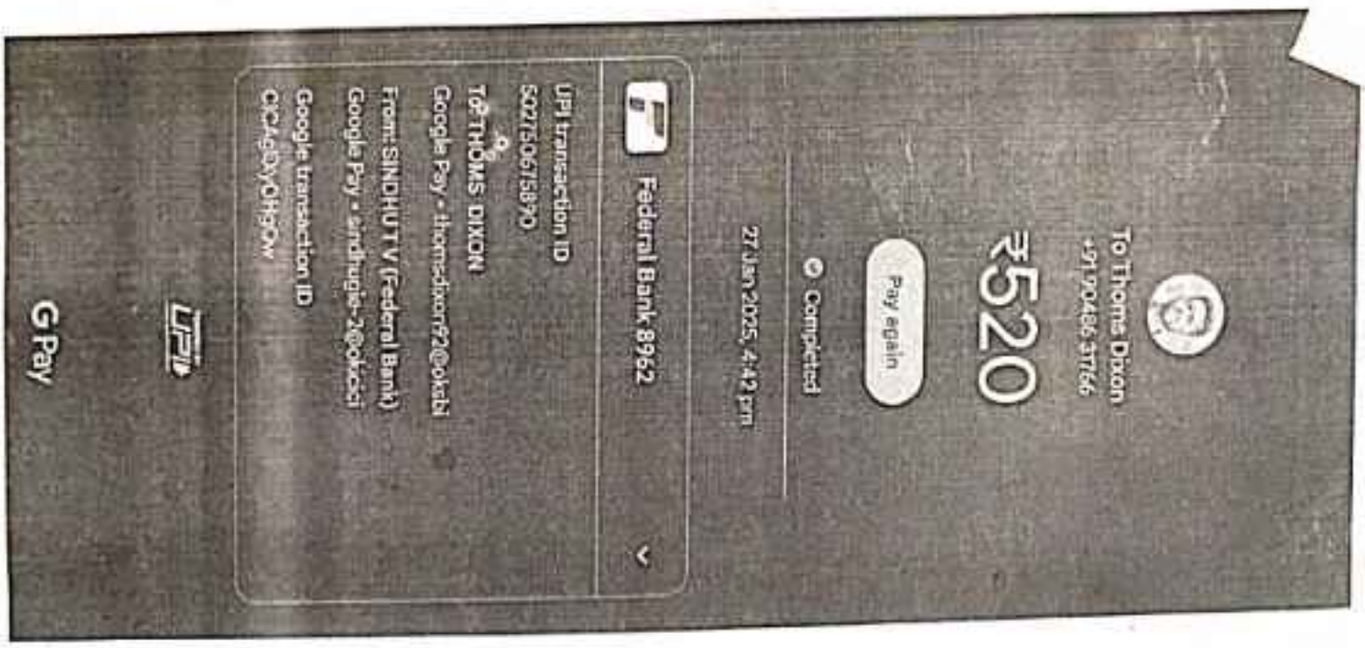
Date 28/1/25.

Particulars	Amount	
Head of Account Idea Presentation. Remuneration.		
Cash / Bank Cash	2000/-	
Being		

Rupees 2000/- Two thousand only

Prepared by | Passed by | Name and Signature of the payee

Checked by | Gen.Secretary / Treasurer / President



Prize Money - 1500/-

2000 +
1500
520
4520

IES COLLEGE OF ENGINEERING

TECSA

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ECE Innovation Pitch (Idea Presentation)

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		IES23EC15	GOUTHAM KRISHNA		
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7	Tech Tribe	IES22EC046	Mohd Irfan	Blind Assistance	9
		IES22EC051	Parthiv Prem		
		IES22EC052	Reuben Raphy		
		IES22EC057	Shuhaib Ashraf		
8	Techie python	IES22EC011	Anamika PK	Fingerprint based exam hall authentication system	2
		IES22EC007	Akshay vp		
		IES22EC028	Devika MS		
		IES22EC038	Jaiwin P Jabon		
9	Synergy squad	IES22EC009	Amal Krishna K A	Wifi talking robot for old age people	5
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10	Texas	IES22EC010	Anagha Rose AS	Solar powered seed sprayer machine	7
		IES22EC023	Aswin Krishna CS		
		IES22EC025	Athalya Nandakumar		
		IES22EC056	sanu shahrin TA		

COLLEGE OF ENGINEERING

INVITATION

Department of Electrical & Electronics Engineering
In Association with IEEE & EESA

Cordially Invites You For
SEMINAR ON

UNLOCK THE WORLD OF INTERNATIONAL CAREER OPPORTUNITIES

by

MICROTEC,THRISSUR

ON 18th OCTOBER 2024

VENUE: EEE SEMINAR HALL

TIME: 11.00AM to 12:30 PM

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT ON UNLOCK THE WORLD OF INTERNATIONAL CAREER OPPORTUNITIES

The seminar titled "Unlock the World of International Career Opportunities" was conducted by Microtec Thrissur on the 18th of November, 2024, in the EEE Seminar Hall, IES Engineering College, Thrissur. The session aimed to shed light on the various global career prospects available for students, especially those from engineering backgrounds. The seminar commenced with an introduction by the Principal of IES Engineering College, who welcomed the attendees and emphasized the importance of exploring international career opportunities in today's competitive global job market. The keynote speaker, Mr. Naval P. K., delivered an insightful and engaging talk on how students can tap into the vast array of career opportunities available worldwide. His session was structured to guide students through the various pathways they can take to secure international positions. Mr. Naval spoke about the increasing demand for skilled professionals in different sectors across the globe and discussed the qualifications, skills, and global networks that students need to build to unlock these opportunities. After the keynote address, Mr. Naval opened the floor for a Q&A session. Students were eager to understand more about how to leverage their current skill sets and educational qualifications to land international roles. The seminar concluded with the HOD of the Department of Electrical and Electronics Engineering thanking the speaker, the college administration, and the students for their active participation.

Date: 18th October 2024

IES COLLEGE OF ENGINEERING NBA IEEE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CADD CENTRE

Skills Driven, Job Led

WORKSHOP ON

HANDS ON TRAINING

IN AUTOCAD-ELECTRICAL

Workshop By

RAJISHA
B-TECH [EEE]

13 JANUARY 2025

1:30 PM

VENUE : EEE SEMINAR HALL

TOPICS COVERED

- INTRODUCTION TO AUTOCAD
- INTRODUCTION TO ELECTRICAL DIAGRAM
- DRAW WIRING DIAGRAM FOR A RESIDENTIAL BUILDING
- FAMILIARIZE ELECTRICAL SYMBOLS
- CREATE PDF FROM CAD FILE

OFFICE

IES COLLEGE OF ENGINEERING

(An ISO 9001: 2008 Certified Institute)
Chittilappilly P.O., Thrissur, Kerala - 680 551, Ph: 0487-2369300,2100801
Fax: 2321277, E-Mail: mail@iesce.edu, www.iesce.info
Approved by AICTE, New Delhi & Affiliated to APJ Abdul Kalam Technological University

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT OF WORKSHOP ON HANDS ON TRAINING IN AUTOCAD-ELECTRICAL

Department of Electrical and Electronics Engineering, IES College of Engineering in association with EESA & IEEE conducted a technical workshop on hands on training in AUTOCAD-Electrical for faculties and students of S4, S6 and S8 at EEE Seminar Hall on 13th January 2025. The program started at 1:30 PM with a silent prayer followed by a welcome speech by Aan Joel student of S6 EEE. Felicitation by Dr John Chembukkavu, Head of the department followed by the workshop on hands on training in AUTOCAD by the resource persons.

The workshop aimed to provide hands on training in CADD software. Ms. Rajisha began the session by introducing participants to the fundamentals of electrical symbols used in the CADD software. In addition to the practical session, an online test was conducted. Certificates were awarded to participants. The session concluded with a feedback segment where students shared their opinions about the workshop.

HOD/EEE

PRINCIPAL

JOHNSON

IES COLLEGE OF ENGINEERING NBA IEEE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EEA

ELECTRIC VEHICLE WORKSHOP

&

SOLAR PLANT VISIT

Workshop By

Dr.John Chembukkavu
(Head of The Department
Electrical & Electronics
Engg.)

28 JANUARY 2025

10:00 AM

VENUE : EEE SEMINAR HALL

TOPICS COVERED

- INTRODUCTION TO EV
- INTRODUCTION TO TYPES OF EV
- INTRODUCTION TO PARTS OF EV
- FAMILIARISATION OF BATTERY
- INTRODUCTION TO TYPES OF SOLAR PANEL

IES COLLEGE OF ENGINEERING
(An ISO 9001: 2008 Certified Institution)
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Fax: 230 7077, E-Mail : mail@iesce.info, www.iesce.info
Approved by AICTE, New Delhi & Affiliated to APJ Abdul Kalam Technological University

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT OF ONE DAY ELECTRICAL VEHICLE WORKSHOP AND SOLAR POWER PLANT VISIT CONDUCTED ON 28/01/2025

Department of Electrical and Electronics Engineering, IES College of Engineering in association with EESA & IEEE conducted a one day electrical workshop on Electric vehicle and a visit to solar power for students of S4, S6 and S8 and for students from various colleges at EEE Seminar Hall on 28th January 2025. The program started at 9.30 AM with a silent prayer followed by a welcome speech by Athul Krishna V of S8 EEE,EESA President. Felicitation by Dr John Chembukkavu, Head of the department. ELECTRIC VEHICLE' by Dr John Chembukkavu.(HOD/EEE).

Session 1: Introduction to Electric Vehicles

- **Speaker**: Dr John Chembukkavu (HOD/EEE)
- **Content**:
  - Overview of electric vehicles: What are EVs?
  - Types of EVs: BEVs, PHEVs, HEVs.
  - Basic components of an EV (battery, motor, charging system).
  - Differences between traditional internal combustion engine (ICE) vehicles and EVs.

Session 2: Technological Advancements in Electric Vehicles

- **Speaker**: RIZWAN of S8, EEE
- **Content**:
  - Battery technologies: Lithium-ion vs. solid-state batteries.
  - Charging infrastructure: Fast-charging vs. slow-charging stations.
  - Regenerative braking systems.
  - Autonomous driving and EV integration.

- **Session 3: Environmental and Economic Impact**

- **Speaker**: Dr John Chembukkavu (HOD/EEE).
- **Content**:
  - Environmental benefits: Reduction in carbon emissions.
  - Economic advantages: Savings on fuel, tax incentives, and subsidies.
  - Life-cycle analysis of EVs (manufacturing, operation, and disposal).

- **Session 4: The Future of Electric Vehicles**
  - **Speaker**: RIZWAN of S8, EEE
  - **Content**:
    - Global trends in the adoption of EVs.
    - Challenges faced in EV adoption (charging infrastructure, battery disposal).
    - Government policies and regulations supporting EV adoption.
    - Innovations in EV design and technology.

- **Session 5: Hands-On Demonstration and EV Test Drives**
  - **Content**:
    - Participants had the opportunity to interact with different EV models.
    - Test drive of available EVs, guided by industry experts.
    - Explanation of vehicle performance, charging stations, and energy consumption.

The theory sessions concluded at 12.45 PM and practical sessions begin at 2.00PM.The participants where divided into 3 groups and each group were guided to witness and learn different EV technologies.

Key Highlights

- **Interactive Q&A Sessions**: Attendees had the chance to ask experts about specific EV-related concerns, such as range anxiety, battery longevity, and the future of EV manufacturing.
- **Networking Opportunities**: Participants from different sectors (engineering, automotive, environmental advocacy) were able to exchange ideas and form new collaborations.
- **Practical Demonstrations**: Attendees experienced the real-world application of EV technology, including test drives and charging demonstrations through EV punch and scooter.

Feedback and Evaluation

- **Participant Engagement**: Over 90% of attendees found the workshop to be informative and engaging.
- **Key Takeaways**:
  - A deeper understanding of the technical aspects of EVs.
  - Insights into the future of EVs in a rapidly evolving market.
  - Increased awareness of environmental sustainability through the adoption of electric vehicles.
- **Suggestions for Improvement**:
  - More hands-on sessions with different EV models.
  - Extended discussions on policy frameworks and financial incentives.

Conclusion

The one-day Electric Vehicle Workshop was a success in terms of both knowledge dissemination and participant engagement. It provided a valuable platform for individuals to gain a deeper understanding of electric vehicles, learn about cutting-edge innovations in the field, and explore the role of EVs in shaping a sustainable future. The feedback from attendees has been overwhelmingly positive, with many requesting similar workshops in the future to delve deeper into specific topics such as EV maintenance, advanced battery technologies, and policy frameworks.

Recommendations for Future Workshops

1. Organize follow-up workshops focusing on the future of battery technology and EV maintenance.
2. Invite more industry leaders for deeper discussions on policy and regulatory aspects.
3. Explore opportunities for virtual workshops to reach a wider audience, especially in areas with limited access to EV infrastructure.

Date of Visit: 28/01/25,
Location: IES COLLEGE OF ARCHITECTURE
Time of Visit: 2.00 TO 4.00 PM
Visitor(s): POLYTECHNIQUE & IES COLLEGE STUDENTS
Purpose of Visit: To observe the operations, technology, and impact of the solar power plant.

Introduction:

The visit to the solar power plant aimed to provide firsthand knowledge about the production of solar energy, its technology, and its role in sustainable energy generation. The plant we visited uses solar panels to harness the sun's energy, convert it into electricity, and supply it to the grid.

Key Observations:

1. **Overview of the Solar Plant**:
   - The solar power plant covers an area of 6.5 feet by 3.3 feet and is equipped with 400 number of solar panels.
   - The facility is designed to generate 243 KW of power, enough to power approximately 80 to 90 homes or [insert percentage] of the local community.
   - The plant utilizes Concentrated (CSP) such as monocrystalline or polycrystalline panels.
2. **Technology and Equipment**:
   - Solar panels: The plant uses high-efficiency photovoltaic (PV) cells to capture sunlight and convert it into electricity.
   - Inverters: These devices convert the direct current (DC) produced by the solar panels into alternating current (AC), which is suitable for grid distribution.

- Monitoring Systems: Advanced software systems are in place to monitor real-time energy generation, performance, and equipment health.
- Tracking systems: Some of the panels are equipped with tracking systems that follow the sun's movement, increasing the efficiency of energy production.

3. **Operations and Functionality**:
   - The plant operates 24/7, though its efficiency varies depending on weather conditions and sunlight hours.
   - During daylight hours, solar panels produce electricity, which is fed into the local grid, providing a renewable source of energy for homes and businesses.
   - The energy production peaks at midday when sunlight is strongest.
4. **Environmental Impact**:
   - Solar power is a clean and renewable energy source that reduces the dependency on fossil fuels, minimizing harmful emissions such as carbon dioxide (CO2).
5. **Maintenance and Workforce**:
   - A team of [insert number] technicians and engineers ensures the plant is operating at full capacity. The plant is regularly maintained to ensure that the solar panels and other equipment remain in good working condition.
6. **Challenges and Future Prospects**:
   - One of the main challenges the plant faces is the dependency on weather conditions; cloudy days or long periods of rain can reduce energy generation.
7. **Safety Protocols**:
   - The safety of employees and visitors is paramount. The plant has strict safety measures, including wearing protective gear such as helmets, gloves, and safety vests.

Conclusion:

The visit to the solar power plant was an enlightening experience. It provided insight into how renewable energy sources, particularly solar power, contribute to a sustainable energy future. The plant's advanced technology and environmentally conscious practices demonstrate the importance of shifting towards cleaner, renewable sources of energy. While challenges like weather dependency and energy storage remain, the progress in solar power production is promising, and its role in combating climate change is undeniable.

Recommendations:

1. **Increased Investment in Energy Storage**: Further research and investment in energy storage solutions could help overcome the intermittent nature of solar power.
2. **Community Awareness**: Educating the local community about the benefits of solar energy and its role in reducing carbon footprints could foster wider adoption.
3. **Future Technological Upgrades**: Continuous upgrades to solar panel technology, including more efficient cells and tracking systems, could increase the plant's energy output.

This visit demonstrated that solar power is a reliable and sustainable source of energy, contributing positively to both the local community and the global effort to mitigate climate change.

IES COLLEGE OF ENGINEERING
(An ISO 9001: 2008 Certified Institution)
Chittilappilly P.O., Thrissur, Kerala - 680 551, Ph : 0487-2300968, 2300967
Fax: 230 7077, E-Mail : mail@iesce.info, www.iesce.info
Approved by AICTE, New Delhi & Affiliated to APJ Abdul Kalaam Technological University

The program was winded up by vote of thanks by Limna Jeejo of (S8,EEE) followed by the certificate distribution to all the participants by Head of the Department Dr John Chembukkavu.

The overall function was coordinated by Ms Sruthi V (AP/EEE) under the guidance of Head of EEE department Dr John Chembukkavu.

HOD/EEE

Dr. John

PRINCIPAL

COLLEGE OF ENGINEERING

DEPARTMENT OF DATA SCIENCE

in Association with

DSA

Technical Talk

SCOPE OF DATA SCIENCE

HARIKRISHNAN G.R
AP (CSE),
MES COLLEGE OF ENGINEERING

Venue: IESCE, Room no:108

Profile of speaker

HARIKRISHNAN G.R.

Asst. Professor at COMPUTER SCIENCE AND ENGINEERING

ACADEMIC BACKGROUND

PhD(Pursuing) - APJ Abdul Kalam Technological University, Thiruvanathapuram
ME (Computer Science & Engineering) - Anna University, Chennai
B Tech(Information Technology) - Kerala University, Thiruvanathapuram

AREAS OF INTEREST

Data Analytics
Machine Learning
Cloud Computing

SIGNIFICANT PUBLICATIONS

Harikrishnan G R, Sasidharan Sreedharan, Nikhil Binoy C, Advanced short-term load forecasting for residential demand response: An XGBoost-ANN ensemble approach, Electric Power Systems Research, Volume 242, 2025, 111476, ISSN 0378-7796, https://doi.org/10.1016/j.epsr.2025.111476.(SCIE, Q1, IF - 3.3)

Harikrishnan G R, L. A. Latheef, K. Dheena, J. Jaisel, P. M. Asim Aslah and S. Sreedharan, "Privacy Preservation and Load Forecasting in Energy Distribution System Using Deep Learning," 2024 International Conference on Futuristic Technologies in Control Systems & Renewable Energy (ICFCR), Malappuram, India, 2024, pp. 1-7, doi: 10.1109/ICFCR64128.2024.10783157.

Harikrishnan.G.R, T. Premnath, S. Pranav, S. M. Varghese, S. Krishna T and S. Sreedharan, "Machine Learning Approaches for Load Forecasting and Time Series Analysis," 2024 7th International Conference on Circuit Power and Computing Technologies (ICCPCT), Kollam, India, 2024, pp. 1739-1745,doi: 10.1109/ICCPCT61902.2024.10672971.

Harikrishnan.G.R, Sasidharan Sreedharan, Badharudheen. P, T. Joseph, C. V. Chandran and S. Joseph, "Demand Response Supported Energy Management Framework for Residential Users," 2023 IEEE International Conference on Power Electronics, Smart Grid, and Renewable Energy (PESGRE), Trivandrum, India, 2023, pp. 1-6, doi: 10.1109/PESGRE58662.2023.10404085.

Harikrishnan G.R, Noufal V.P., Latheesh S. ,Shakkir Ummer U., Nithin S.Third Eye -An Efficient Home Security Automation System, International Journal of Computer Applications (0975 – 8887) Volume 117 – No. 17, May 2015.

REPORT ON TECHNICAL TALK

Date: February 7, 2025
Speaker: Mr. Harikrishnan G.R
Audience: Data Science Students

Introduction:

On February 7, 2025, a highly insightful technical talk titled "Scope of Data Science" was delivered by Mr. Harikrishnan, a seasoned expert in the field of Data Science. The talk, organized for Data Science students, aimed at exploring the diverse opportunities and emerging trends in the domain of Data Science. The session was interactive and highly informative, offering both theoretical knowledge and practical insights.

Key Highlights of the Talk:

1. **Introduction to Data Science:**
   - Mr. Harikrishnan started by providing a brief overview of Data Science, emphasizing its role as an interdisciplinary field that combines mathematics, statistics, programming, and domain expertise to extract meaningful insights from data.
   - He explained the fundamental concepts of Data Science, including data wrangling, data analysis, and machine learning, which form the core of data-driven decision-making.
2. **The Growing Importance of Data Science:**
   - One of the central themes of the talk was the increasing importance of Data Science across industries. Mr. Harikrishnan highlighted how companies are increasingly relying on data to drive their strategies, optimize processes, and predict future trends.
   - The speaker also discussed the rise of "data-driven culture" in business, healthcare, finance, and other sectors, with an emphasis on how Data Science is shaping organizational decision-making.
3. **Career Opportunities in Data Science:**
   - Mr. Harikrishnan provided a comprehensive overview of the various career paths within Data Science. He discussed roles such as Data Analyst, Data Engineer, Data Scientist, Machine Learning Engineer, and Research Scientist.
   - The speaker also emphasized the value of specialization within the field, such as natural language processing (NLP), deep learning, and computer vision, which are rapidly growing subfields in Data Science.
4. **Emerging Trends and Technologies:**
   - A major section of the talk focused on the latest trends in Data Science. Mr. Harikrishnan discussed advancements in Artificial Intelligence (AI), Machine Learning (ML), and big data technologies, along with their real-world applications.

- He particularly pointed out the growing influence of AI-powered tools, automated machine learning (AutoML), and cloud platforms in transforming the landscape of Data Science.

4. **Challenges in Data Science:**
   - While emphasizing the scope of Data Science, Mr. Harikrishnan also addressed the challenges that professionals in this field face. He discussed the importance of handling messy data, ensuring data privacy and security, and dealing with ethical considerations related to data usage.
   - He stressed the need for Data Scientists to constantly update their skills to keep up with the fast-paced nature of technological advancements.
5. **Skills Required for a Career in Data Science:**
   - The talk included a detailed analysis of the technical and non-technical skills required to succeed in Data Science. Mr. Harikrishnan highlighted the importance of strong programming skills (in languages like Python and R), knowledge of machine learning algorithms, and proficiency in tools such as SQL and Tableau.
   - He also underlined the significance of soft skills, such as problem-solving abilities, communication skills, and the ability to work in cross-functional teams.
6. **Real-World Applications of Data Science:**
   - Throughout the talk, Mr. Harikrishnan illustrated the scope of Data Science with examples from real-world applications. He discussed the role of Data Science in areas like personalized recommendations (e.g., Netflix, Amazon), healthcare (predicting patient outcomes), and finance (fraud detection).
   - These examples helped students connect the theoretical aspects of Data Science with practical, industry-relevant scenarios.

Conclusion:

The talk by Mr. Harikrishnan on the "Scope of Data Science" was an eye-opener for the Data Science students. It provided a deep dive into the vast potential of Data Science as a career and its role in shaping the future of various industries. The speaker's insights into the skills, technologies, and challenges involved in Data Science gave students a clear understanding of what lies ahead in their professional journeys.

The session was well-received, with many students appreciating the speaker's ability to simplify complex concepts and provide actionable career advice. Overall, the event successfully encouraged students to explore the dynamic world of Data Science with enthusiasm and curiosity.

Department of Robotics & AI Engineering

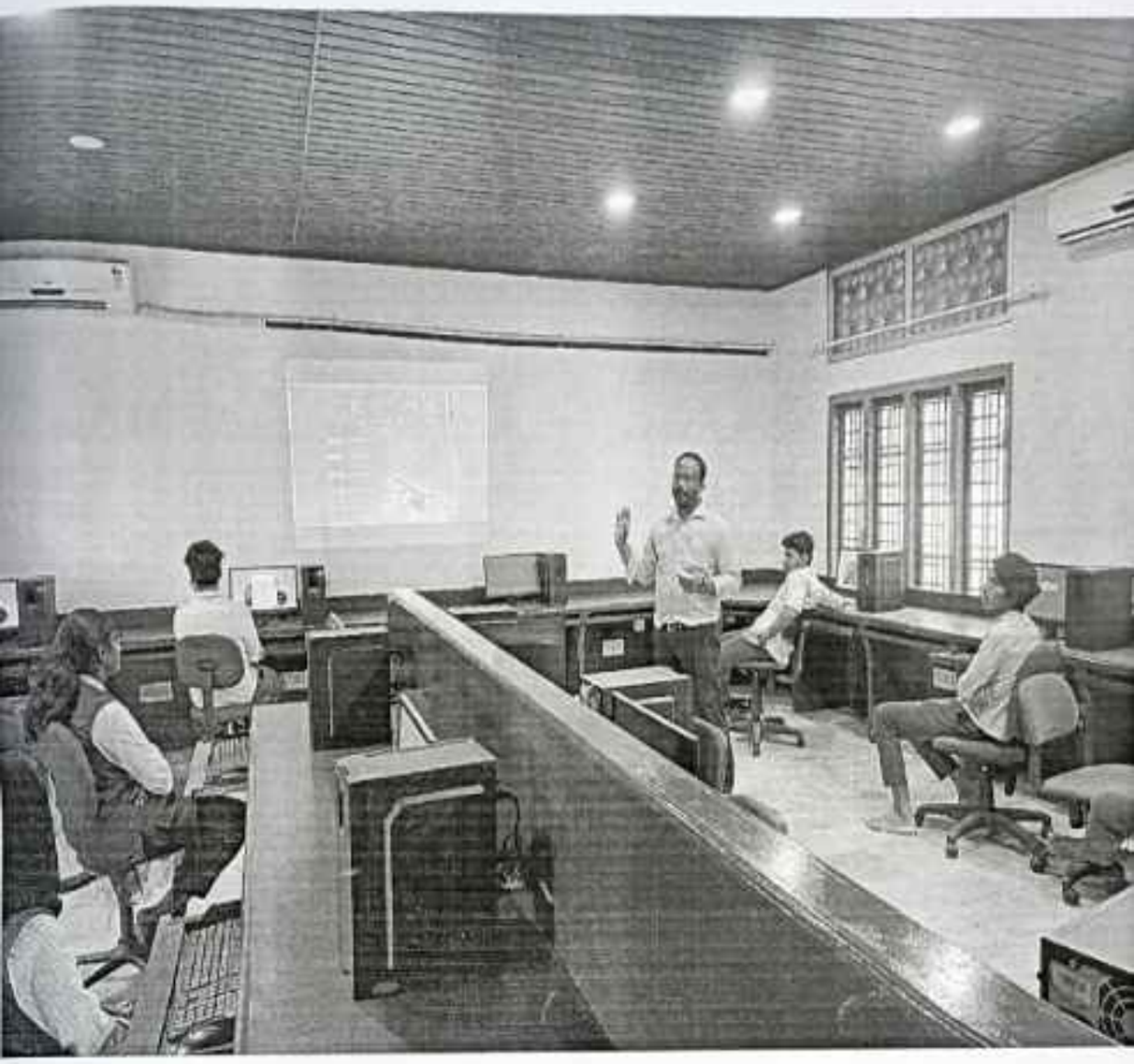
REPORT ON THE WORKSHOP ON "VIRTUAL ROBOTICS"

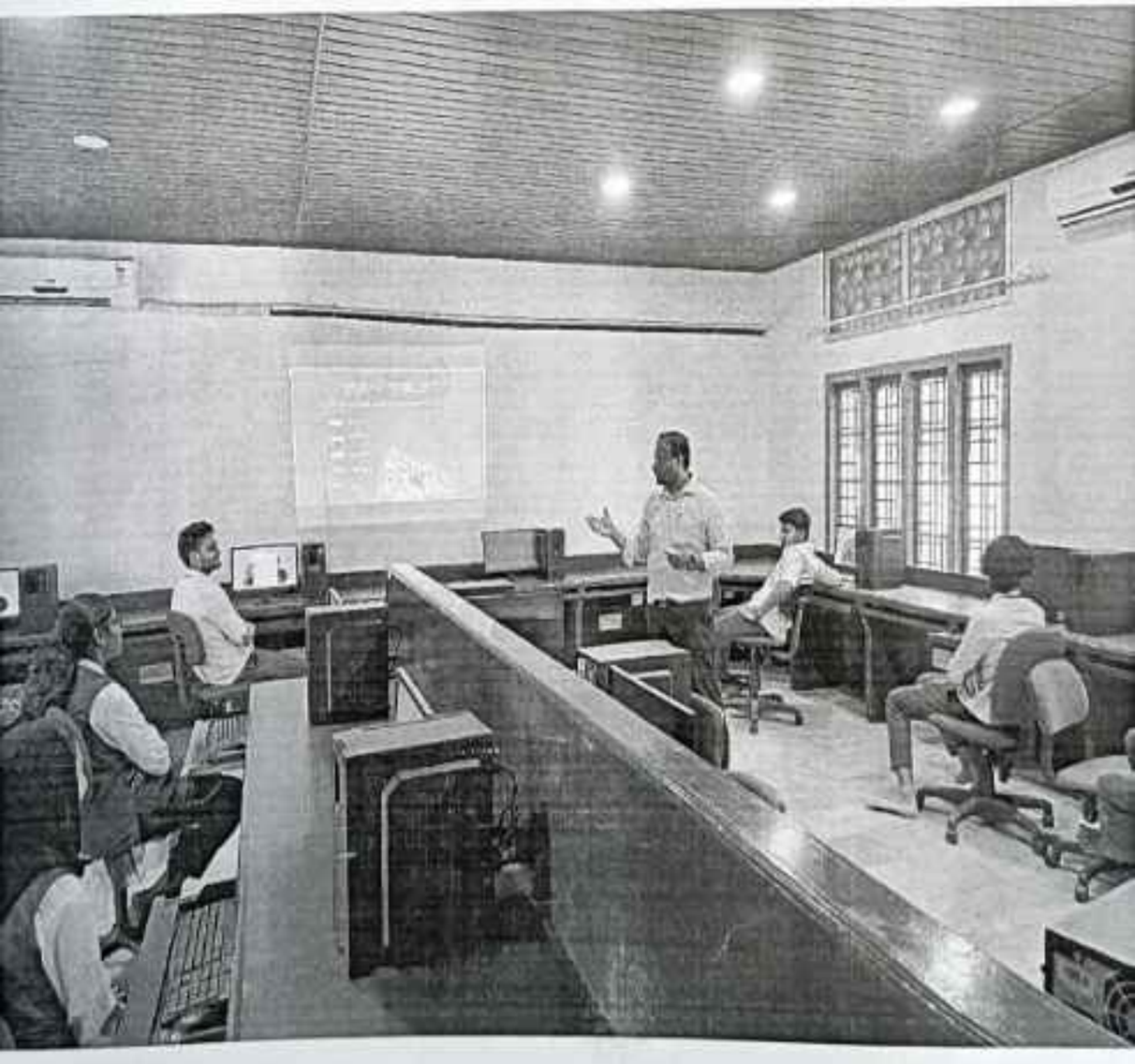
Date: 22.08.2024

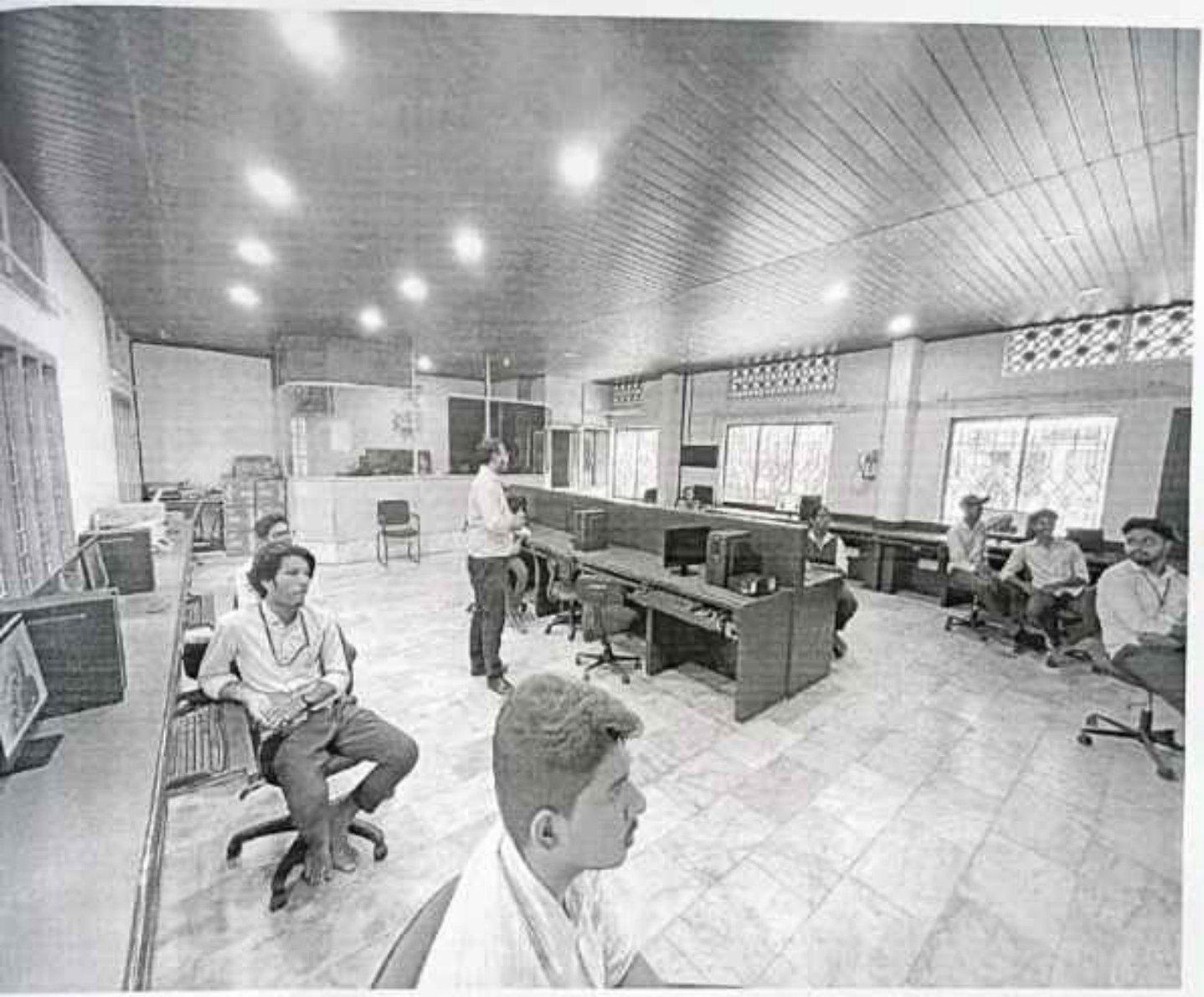
/Madam,

Please find enclosed report on **"Virtual Robotics Workshop** conducted on 08.08.2024.

Title of the Event	Workshop on **"Virtual Robotics"**	
Date & Time	08.08.2024. 1.30 pm to 4.15 pm	
Organizing Department	Department of Robotics & AI Engineering	
Mode/Venue	Offline/ AI & DS LAB	
Event Co-ordinator	Mrs. Shahaziya Parvez M (AP) Department of Robotics & AI Engineering IES College of Engineering,	Mrs.Amitha M J (AP) Department of Robotics & AI Engineering IES College of Engineering,
Resource Person	Mr. Josy James Professor, Department of Robotics & AI Engineering, IES College of Engineering	
Report of the Programme	The Department of Robotics and AI Engineering, IES College of Engineering,Thrissur organized a Workshop entitled **"Virtual Robotics"**on 08.08.2024 for imparting hands on training on basics of robotics and it coding. The resource person explained the necessity and significance of robotics and technology. He also given hands on practice using GEARSBOT Website for explaining the coding language and different sensors used to control the robot motion. Totally, 11 students attended the workshop of RAI department, also obtained feedback from the participants. The main objectives of Workshop •Understanding the basics of robotics, its coding and control •To explore different types of sensor and their applications	







PROGRAM COORDINATOR

HOD

30/8/24.

PRINCIPAL

IMPACT ASSESSMENT

Workshop on "Virtual Robotics"

The Program "Virtual Robotics" was conducted for the of second year students of RAI, Department for improving their academic skills based on robots and its application.

The participants understood the basics of robotic, coding and sensor application in various engineering discipline. They learned how to use coding language to control a robot line follower and maze runner and their advantage using website like GEARSBOT.

This session will definitely help the students to create an industrial robot using code language. The participants acknowledged that the session was very good and they have understood how to code and applications. They suggested that they needed more sessions like this so that they can improve their technical knowledge in robotics field.

Coordinators

Principal

DEPARTMENT OF ROBOTICS &AI

IES COLLEGE OF ENGINEERING, CHITTILAPPILLY

Date and Time: September 12th ,2024

From 12:00 pmto2:00 PM

The main objectives of orientation are

- Understanding the basics of robotics and its applications
- To explore the wide opportunities of robotics

The orientation program, conducted by Robo Home Learning, was designed to introduce participants to the rapidly evolving world of robotics and its potential impact on various industries. Led by two prominent figures in the organization, **Mr. Aravind**, the CEO, and **Mr. Adarsh**, an experienced trainer, the event provided valuable insights into how robotics is shaping the future and the skillsets necessary for students and professionals to thrive in this field.

Opening Remarks by Mr. Aravind (CEO):

Mr. Aravind, with his vast experience and forward-thinking approach, delivered the keynote speech. His talk revolved around the theme **"The Future of Robotics: Opportunities and Challenges."** Some of the critical points he discussed include:

- **Current Trends in Robotics**: He started by discussing the current state of the robotics industry, emphasizing how it has moved beyond industrial automation to more advanced and adaptive systems. Fields such as healthcare, agriculture, manufacturing, and logistics are experiencing revolutionary changes due to robotics.
- **Artificial Intelligence (AI) and Robotics**: Mr. Aravind highlighted the growing intersection of AI and robotics. He explained how AI-driven robots can learn, adapt, and make autonomous decisions. For instance, robotic systems used in hospitals for precision surgery and agriculture robots improving crop yield were shared as case studies.
- **Opportunities in the Future**: The CEO laid out the roadmap for the next decade, forecasting significant growth in areas such as:
    - **Service Robots**: Personal robots, including home assistants, robotic caregivers, and entertainment robots.

- **Collaborative Robots (Cobots)**: Robots designed to work alongside humans in industrial and service settings.
- **Autonomous Vehicles**: Drones, self-driving cars, and underwater exploration robots.

- **Challenges Facing the Robotics Industry**: While the future of robotics is promising, Mr. Aravind didn't shy away from addressing the challenges, including:
  - **Ethical Concerns**: The need for developing ethical AI and robots, especially in autonomous decision-making.
  - **Workforce Adaptation**: Preparing the workforce for a future where robots replace repetitive jobs and how educational institutions should focus on robotics education.
- **Robo Home Learning's Vision**: He concluded his speech by sharing Robo Home Learning's vision to become a leader in robotics education, preparing the next generation of engineers, developers, and creators to push the boundaries of what robots can achieve.

Interactive Session by Mr. Adarsh (Trainer):

Following the keynote, **Mr. Adarsh**, a seasoned robotics trainer at Robo Home Learning, engaged the participants with an interactive session on the "**Skills and Technologies Driving the Future of Robotics**"

- **Fundamental Skills for Aspiring Roboticists**: Mr. Adarsh emphasized that the future of robotics will be driven by a multidisciplinary approach. He broke down the essential skills required:
  - **Programming**: Knowledge of programming languages like Python, C++, and ROS (Robot Operating System) for developing and controlling robotic systems.
  - **Electronics and Embedded Systems**: Understanding microcontrollers, sensors, and actuators, which form the backbone of any robotic system.
  - **Mechanical Engineering**: Understanding kinematics, dynamics, and robot design principles.
  - **AI and Machine Learning**: Leveraging AI to improve robotic intelligence, including computer vision, neural networks, and reinforcement learning.
- **Hands-On Experience**: He provided insights into the importance of **hands-on training** through practical projects. Mr. Adarsh walked the participants through some of the key projects that Robo Home Learning offers to students:
  - **Autonomous Mobile Robots**: Designing robots that can navigate [illegible] using sensors.

    - **Robotic Arms and Manipulators**: Building and programming robotic arms used in industries for tasks like welding, packaging, or painting.
    - **Drone Technology**: Learning to build and program drones for various applications like surveying and delivery.
- **Innovative Technologies**: Mr. Adarsh shared examples of cutting-edge technologies driving the future of robotics:
    - **3D Printing for Robotics**: How 3D printing is transforming the prototyping and manufacturing of robots.
    - **Swarm Robotics**: The concept of multiple robots working together like a colony of ants, useful in tasks like search and rescue.
    - **Humanoids and Social Robots**: Robots designed to interact with humans, particularly in service and healthcare settings.

Future Learning Opportunities at Robo Home Learning:

Mr. Adarsh concluded by discussing the different learning pathways offered by Robo Home Learning, including:

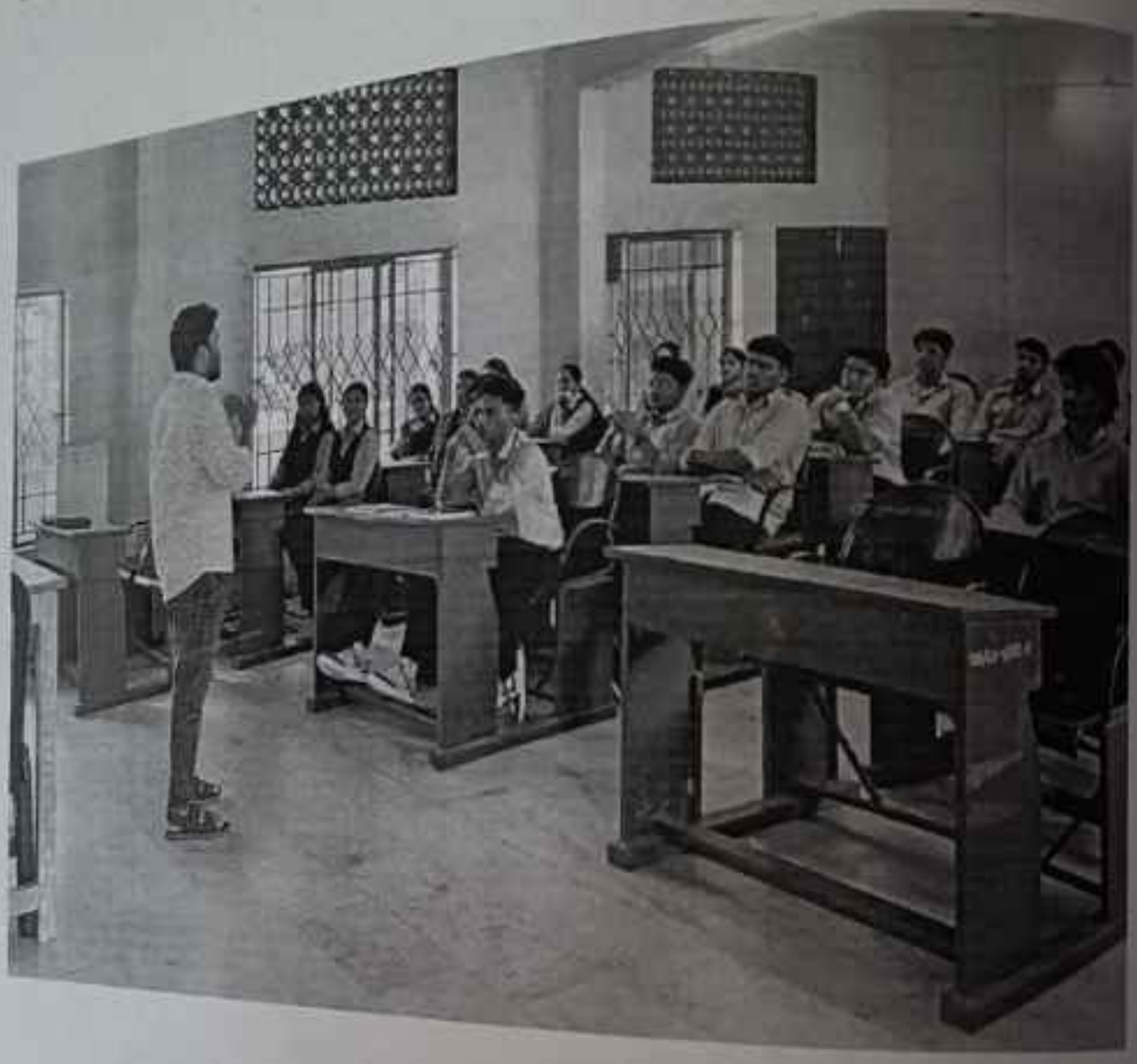
- **Beginner and Advanced Robotics Courses**: Covering everything from introductory programming to advanced robotics design.
- **Certification Programs**: In specialized fields like AI for Robotics, Industrial Automation, and Autonomous Vehicles.
- **Internship and Project-Based Learning**: Opportunities for hands-on industry experience with partner companies.

At the end of the orientation, a **Q&A session** was held where both Mr. Aravind and Mr. Adarsh answered participants' questions. Key discussion points included:

- The role of **robotics in education**, where students can leverage robots for creative problem-solving.
- **Career pathways in robotics**, such as robotics engineer, AI specialist, drone operator, and industrial automation technician.

The orientation program provided an in-depth look at the exciting possibilities that robotics holds for the future, while also equipping participants with knowledge on how to prepare themselves for a career in this ever-growing field. With the guidance of industry experts like Mr. Aravind and Mr. Adarsh, participants left the session inspired and informed, ready to explore the world of robotics.

Robo Home Learning reaffirmed its commitment to empowering individuals to become future leaders in the robotics industry, offering education that blends theory with hands-on practice.



Program coordinator

HOD

PRINCIPAL

IMPACT ANALYSIS

The impact analysis of the orientation program on the future of robotics by Robo Home Learning focuses on evaluating how effectively the program enhances participants' knowledge, interest, and readiness for the evolving robotics industry. The program aims to introduce students, professionals, and educators to cutting-edge robotics technologies and trends. Short-term impacts include measurable improvements in participants' understanding of robotics concepts, increased interest in pursuing related careers or further education, and shifts in perception regarding the accessibility and relevance of robotics in various industries. Long-term impacts would involve tracking participants' career choices, skill development, and practical application of robotics knowledge, as well as fostering collaborations in research or professional projects. Feedback on program structure, content quality, and instructor effectiveness also plays a key role in shaping future iterations of the program. Overall, the analysis highlights how the orientation prepares attendees for the future of robotics, ensuring both immediate learning outcomes and sustained engagement. The impact analysis of Robo Home Learning's orientation program on the future of robotics would give a comprehensive understanding of its success in increasing knowledge, sparking interest, and preparing participants for future developments in robotics. Through various metrics such as knowledge assessment, participant feedback, and long-term engagement, Robo Home Learning can measure the effectiveness and refine future programs for greater impact.

Program coordinator

PRINCIPAL

IES College of Engineering

Department of Robotics & AI Engineering

WORKSHOP REPORT

Title: Practical Insights into Embedded Systems

Date: 01st February 2025

Venue: MC Lab

Mode: Offline

Organizing Department: Robotics & AI Engineering

Event Coordinator: Ms. Nidhiya Tittas (Asst. Professor)

Resource Person: Mr. Shinat Joy, Academic Coordinator, ROBOHOME Learning

1. Introduction

The Department of Robotics & AI Engineering conducted a hands-on workshop titled "Practical Insights into Embedded Systems" on 01st February 2025. The objective was to introduce students to the fundamental concepts of embedded systems through practical sessions and coding exercises.

2. Objectives of the Workshop

- To understand the fundamentals of microcontrollers and embedded system design.
- To gain practical experience in using Keil uVision IDE and Arduino platforms.
- To interface sensors and peripherals using Embedded C.
- To implement UART communication and stepper motor control.

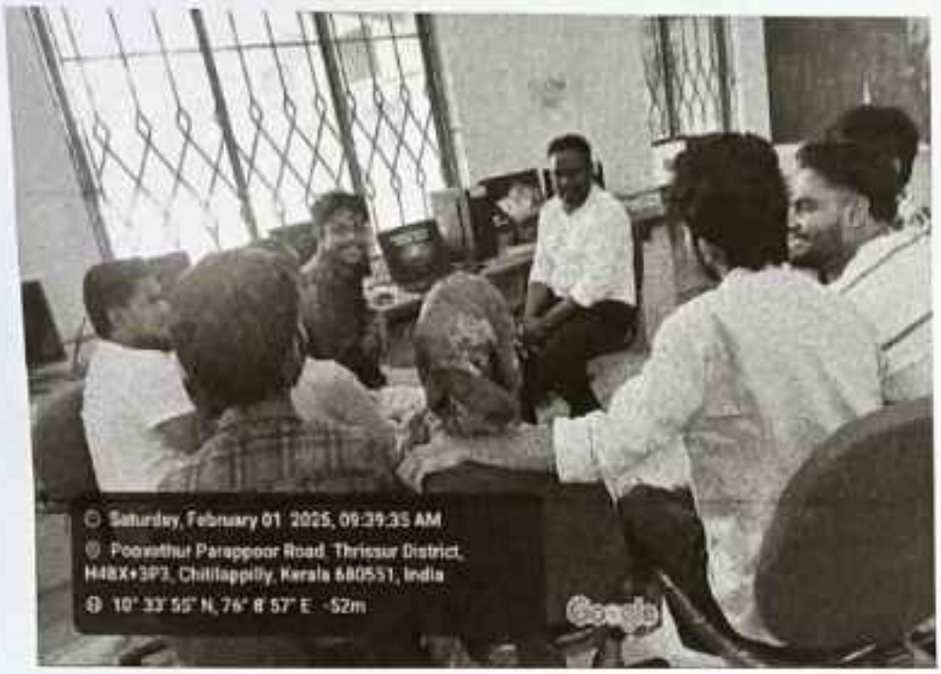
3. Workshop Highlights

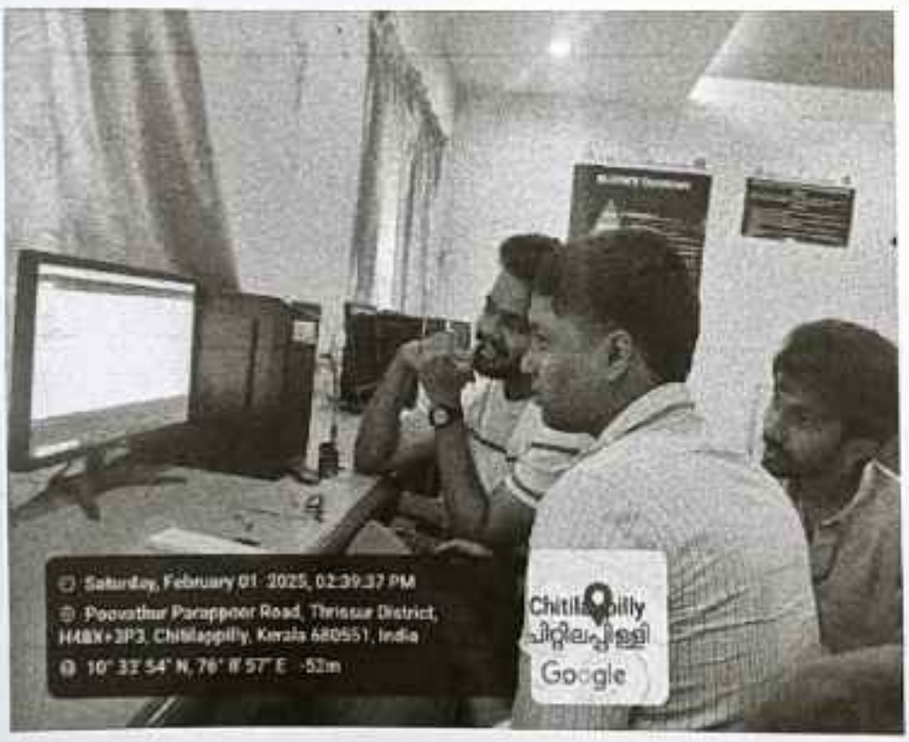
- Introduction to microcontroller architecture and real-world applications.
- Demonstration and practical coding using Keil IDE and Arduino boards.
- Programming exercises focused on UART message display and stepper motor control.
- Interactive session with Q&A.

4. Participation

A total of 11 students from the 4th semester of the Robotics and AI Engineering department participated.

7. Photos





Program Coordinator

Head of Department

Principal

IMPACT ANALYSIS

Title: Practical Insights into Embedded Systems

Date: 01st February 2025

Organized by: Department of Robotics & AI Engineering, IES College of Engineering

Resource Person: Mr. Shinat Joy, Academic Coordinator, ROBOHOME Learning

1. Educational Impact

The workshop provided hands-on exposure to embedded system fundamentals for 4th semester students, significantly enriching their academic learning. By engaging with real hardware platforms like Arduino and using professional tools like Keil uVision IDE, students developed practical skills complementing their classroom knowledge.

2. Technical Skill Development

Participants gained:

- A deeper understanding of microcontroller architectures.

- Experience in writing Embedded C code.

- Practical knowledge of UART communication, sensor integration, and stepper motor control.

These experiences strengthened their ability to design and debug real-time embedded systems, which are critical for careers in robotics, IoT, and automation.

3. Industry Readiness

The focus on practical implementations and the inclusion of widely used development tools helped bridge the gap between theoretical knowledge and industry practices. This hands-on training supports the long-term goal of producing industry-ready graduates who can confidently contribute to technology-driven organizations.

4. Research Orientation

The workshop planted the seeds for interest in embedded system design, a crucial area in research and development. Some students expressed curiosity in exploring more advanced topics such as RTOS, communication protocols, and system optimization, which could evolve into mini-projects or capstone research work.

5. Institutional Impact

- Strengthened the department's capability to host skill-building sessions.

IES COLLEGE OF ENGINEERING

APPROVAL FORM FOR PROGRAMME PROPOSAL 2024-2025 EVEN SEM

Date: 6/1/2025

Name of Department	:Robotics and Artificial Intelligence
In Charge of the Program	: Ms.Shahaziya Parvez M
Title of the Program	: "Foundations of Robotics & AI"
(Workshop/Seminar/FDP/Others)	: Internship
Objective of the Program	: This Add on course provides basic understanding in Robotics & AI based on application level hands on session
Guest/ Resource Person	: Trainer, Robo Home learning.
Participants	: S4 Students of the Department Of RAI
Date	: Every Friday
Venue	: VLSI lab
Requirements- Tea / Transport etc	: NIL
Budget	: NIL

In charge

HoD

PRINCIPAL

GENERAL SECRETARY

Sept 14 ,2024

Report of the course THE ADVENT OF AI for B.Tech - Semester I-(Batch 2024) Submission

1. BACKGROUND

Under the aegis of the Dept. of Science & Humanities, and Literary & Science Club, "The Advent of AI", an AI Training program was initiated. The resource person was Dr Nithin G , Technical Director, Kites Software, Kochi & Empanelled Trainer, AI& ML,ICT Academy , Keala.The program was implemented with an objective to build up Artificial intelligence goals of our first year students .

2. TRAINING OBJECTIVES

The objectives of the training were as follows:

- To make students understand the the importance of logical deduction s that simulate human reasoning.
- To familiarize the students about the idea of knowledge representation and knowledge engineering.
- To give an insight into making future predictions and determining the consequence of our actions.

3. PARTICIPANTS-All First year students of the Batch 2024 participated in the session.

4. SCHEDULE-The training program was conducted on 12/9/2024 in the FN session.

5. VENUE : The training was organized in the Auditorium.

6. DURATION-Teaching Session from 9.30 am to 12.30 pm

7. IMPACT ANALYSIS- Artificial intelligence , is a critical element today, and the session focused on giving an introduction to developing efficient algorithms .

8. FEEDBACK- The students stated that they understood the basic definitions and segregations of the technical terms like AI, ML, etc., and the also had an insight into the applications of machine learning ,deep learning and applications of AI for data segregation.

Prepared by :
Shajahan P M &Nice C A

Edited by :
Prabhavathi Prabhakaran

HoD(Dept S& H)

THE ADVENT OF AI
FOR BATCH 2024

Be Virtually smart and fine,
As you make AI technology thine

Dr. Nithin G

Technical Director

Kites Software, Kochi &
Empanelled Trainer-AI
& ML, ICT Academy, Kerala

09 SEP 2024

TIME 09.30 AM TO 12: 00 PM

Venue: IES Auditorium

Literary & Science Club,
Department of Science & Humanities

IES COLLEGE OF ENGINEERING
CHITTILAPPILLY, THRISSUR, 680 551

Sept 9 ,2024

Report of the Skill Development Session for B.Tech - Semester I(Batch 2024) Submission

1.BACKGROUND

Under the aegis of the Dept. of Science & Humanities, a Skill Development Session was initiated. The session was conducted by corporate trainee & Industry Expert, Sudeesh G Nair .The program was implemented with an objective to improve, time management, problem-solving, and digital literacy for our first year students.

2.TRAINING OBJECTIVES

The objectives of the training were as follows:

- **Enhance Communication Skills:** Improve students' ability to express themselves clearly and listen actively.
- **Develop Time Management Techniques:** Equip students with strategies to manage their time efficiently.
- **Foster Problem-Solving and Critical Thinking:** Strengthen students' ability to approach and resolve problems.

3. PARTICIPANTS

All First year students of the Batch 2024 participated in the session.

4. SCHEDULE

The training program was conducted on 6/9/2024 in the FN session.

5. VENUE

The training was organized in the Auditorium.

6. DURATION

Teaching Session from 9.30 am to 12.30 pm

7. IMPACT/FEEDBACK

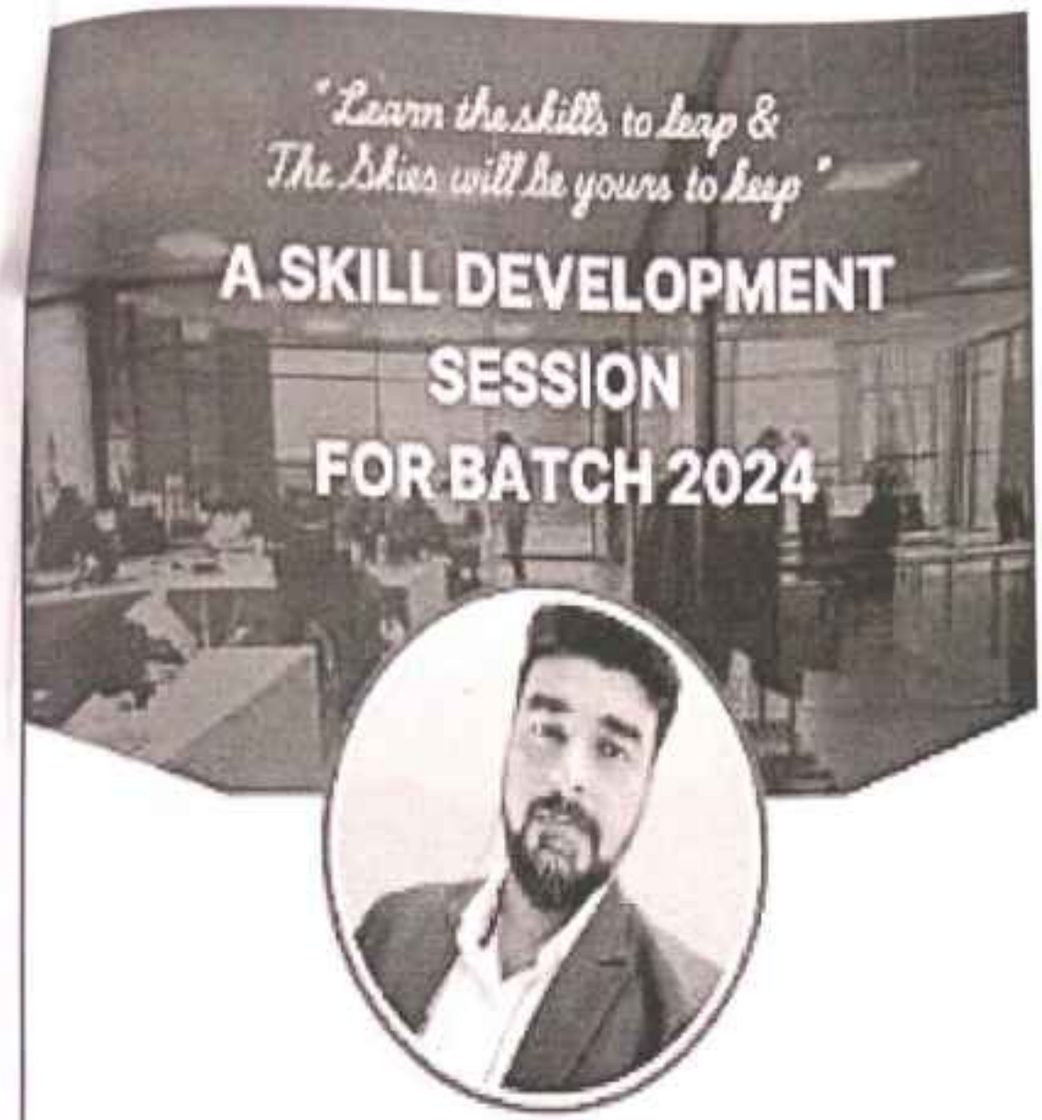
- **Skill Enhancement:** Students demonstrated measurable improvements across all targeted skill areas.
- **Increased Confidence:** Participants reported a boost in their confidence related to communication and problem-solving.
- **Practical Application:** Students appreciated the practical, hands-on approach of the class, which facilitated immediate application of skills. Prepared by ,

8.CHALLENGES –The program could be conducted smoothly and no major issues were faced.

Prepared by:Linty Antony
Abitha P. A

HoD Dept S& H

Edited by:Prabhavathi P



SUDHEESH G NAIR

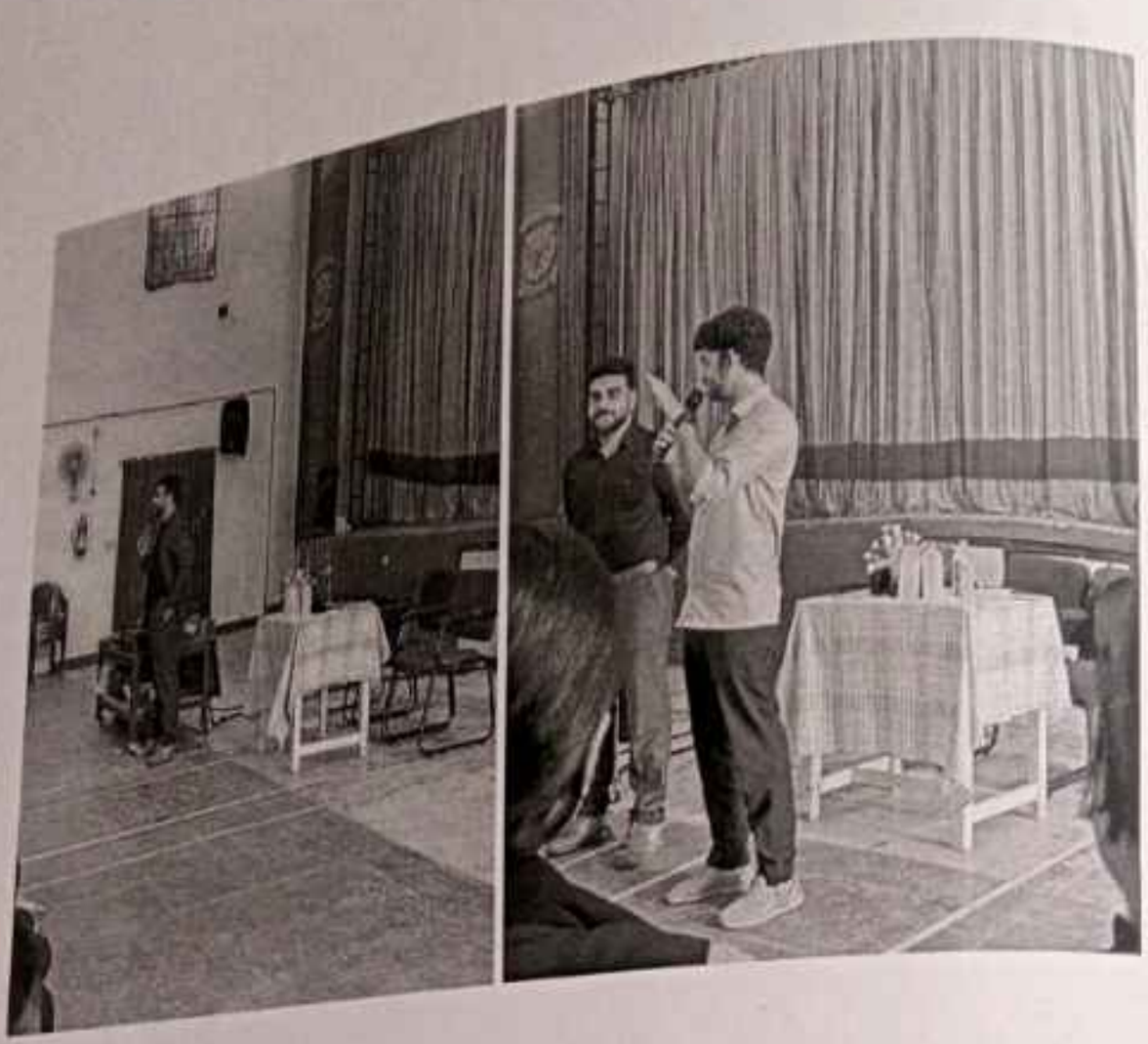
Corporate Trainer & Industry Expert

Date: 06th Sep, 2024
Time: 09:30 AM - 12:30 PM

Venue: IES Auditorium

Literary & Science Club,
Department of Science & Humanities

IES COLLEGE OF ENGINEERING



September 10,2024

Report of Heartfulness meditation forB.Tech - Semester I(Batch 2024) Submission

1. BACKGROUND

Under the aegis of the Dept. of Science &Humanities, a meditation & chair yoga Training program was initiated.The Heartfulness Meditation was designed to help practitioners regulate and relax the mind and expand consciousness, eventually leading to a permanently awakened state, not only during meditation but at all other times, commenced fromSeptember 3 2024 and was conducted by Sri K Mohanan, Sri CV Molly from the Heartfulness Meditation & Brighter Minds , Kerala

2. TRAINING OBJECTIVES

The objectives of the training were as follows:

- To give a sense of calm, peace and balance that can benefit your emotional well-being and your overall health.
- To relax and cope with stress by focusing on something that calms you. Meditation can help you learn to stay centered and keep inner peace..
- To create internal peace through self-connection by meditating on the heart.

3. PARTICIPANTS

First year students of CE,CSE,DS,EC EEE & ME departments (Batch 2024) participated in the sessions.

4. SCHEDULE

The team comprised of resource personnel - Sri K Mohanan, Sri CV Molly from the Heartfulness Meditation & Brighter Minds , Kerala

and delivered sessions with effect from 03/9/2024

SI NO	Date &Day	Time
1	3rd September , 2024(Tuesday)	Forenoon
2	4th September , 2024Wedneday	Forenoon
3	5th September , 2024Thursday	Forenoon

5. VENUE

The training was organized in the auditorium.

6. FEEDBACK- Most of the Students opined that though the sessions were beneficial, they felt that yoga is not a part of the youth world. However some students felt that this was a good way for self awareness.

7. IMPACT ANALYSIS-Meditation gave the students a significant understanding of a set of techniques to enhance attention, emotional awareness, kindness, compassion, sympathetic joy, and mental calmness even in difficult situations. Some people find that regular meditation practice helps them be kind to themselves and more caring towards others. However, maintaining the strength of that connection can only happen through a daily connection with the heart

8.CHALLENGES –The program could be conducted smoothly and no major issues were faced.

Prepared by
NAVYA G NATH Dept S& H
Edited By Prabhavathi P

HoD-S&H

PRINCIPAL

"Explore Endless Possibilities of the Self"

FOR BATCH 2024

Heartfullness meditation by

Smt. C V Molly
Chief Yoga Trainer & Facilitator
Brightermindz

Sri K U Mohan
Regional facilitator & Trainer
Heartfulness Kerala

Venue:IES auditorium

Organized by: Literary & Science Club, Department of Science & Humanities

TO BE STRONG COME ALONG | 3,4,5 SEP, 2024 | TIME 10.00 AM

IES COLLEGE OF ENGINEERING

Sept 11,2024

Submission-Report of ZUMBASession

BACKGROUND-Under the aegis of the Dept. of Science &Humanities and Literary & Science club, a ZUMBA Session was initiated. The Trainer was Ms. Zin Sonia Johney International Licensed Instructor, Thrissur. The program was implemented for the first-year students to incorporate the importance of a healthy body and sound mind.

1. TRAINING OBJECTIVES-The objectives of the training were as follows:
   - Personal growth development
   - Improved flexibility and mobility
   - Stress relief and relaxation
   - Boost confidence and self -esteem, improve mental well – being and self image
   - Improved coordination and balance.

2. PARTICIPANTS-All First-year students of the Batch 2024participated in the session.

3. SCHEDULE-The training program was conducted on 05/09/2024 in the AN session.

4. VENUE -The training was organized in the Auditorium.

5.DURATION-Teaching Session from 3 pm TO 4.15 ppm

6.IMPACT ANALYSIS: The training focused more physical, mental and emotional support and healthy mind goals. It enhanced the understanding of the students regarding a balanced approach to maintaining health.

7. FEEDBACK-Students participated with great enthusiasm and they stated that they would like to have repeated sessions.

Prepared by:
SHIMA JOSE V, NICE C A

Edited by:Prabhavathi P

HoD- Dept S& H

PRINCIPAL

Health is the Key,To be Happy & Free

TO BE STRONG
COME ALONG

AN EXCITING ZUMBA SESSION FOR BATCH 2024

Zin Soniya Johny

International Licenzed Zumba Instructor,American Certified Nutritionalist

05 SEP 2024

Time:
03.00 PM
Venue:
IES Auditorium

Organized by:
Literary & Science Club, Department of Science & Humanities

IES COLLEGE OF ENGINEERING
CHITTILAPPILLY, THRISSUR 680 551

Sept 13, 2024

Submission

Report of the motivational talk for B.Tech - Semester I-(Batch 2024)

1.BACKGROUND

Under the aegis of the Dept. of Science & Humanities, a motivational talk was initiated. The talk was delivered by Mr. Rajesh (HR Mentor) Director CEST, on 11/9/2024 in the FN session. .The program was implemented with an objective to understand the importance of self-awareness and self-discovery in achieving success and fulfillment for our first year students.

2.TRAINING OBJECTIVES

The objectives of the training were as follows:

- **Encourage Self-Reflection:** Emphasize the importance of understanding one's strengths, weaknesses, values, and interests.
- **Enhance Personal Growth:** Guide students on how self-awareness can lead to personal and professional growth.
- **Foster Goal Setting:** Help students align their goals with their true selves to achieve a more meaningful and successful career.

3. PARTICIPANTS

All First year students of the Batch 2024 participated in the session.

4. SCHEDULE

The training program was conducted on11/9/2024 in the FN session.

5. VENUE

The training was organized in the Auditorium.

6. DURATION

Teaching Session from 10:00 am to 12.00 pm

7. FEEDBACK

Relevance: Students found the content highly relevant to their current stage in life. The speaker's insights into self-discovery and goal setting were well-received.

Engagement: The interactive elements of the talk were particularly appreciated. Students felt that the activities and discussions helped them engage more deeply with the material. Many indicated that they would continue to use the tools and strategies discussed in the talk.

8. IMPACT

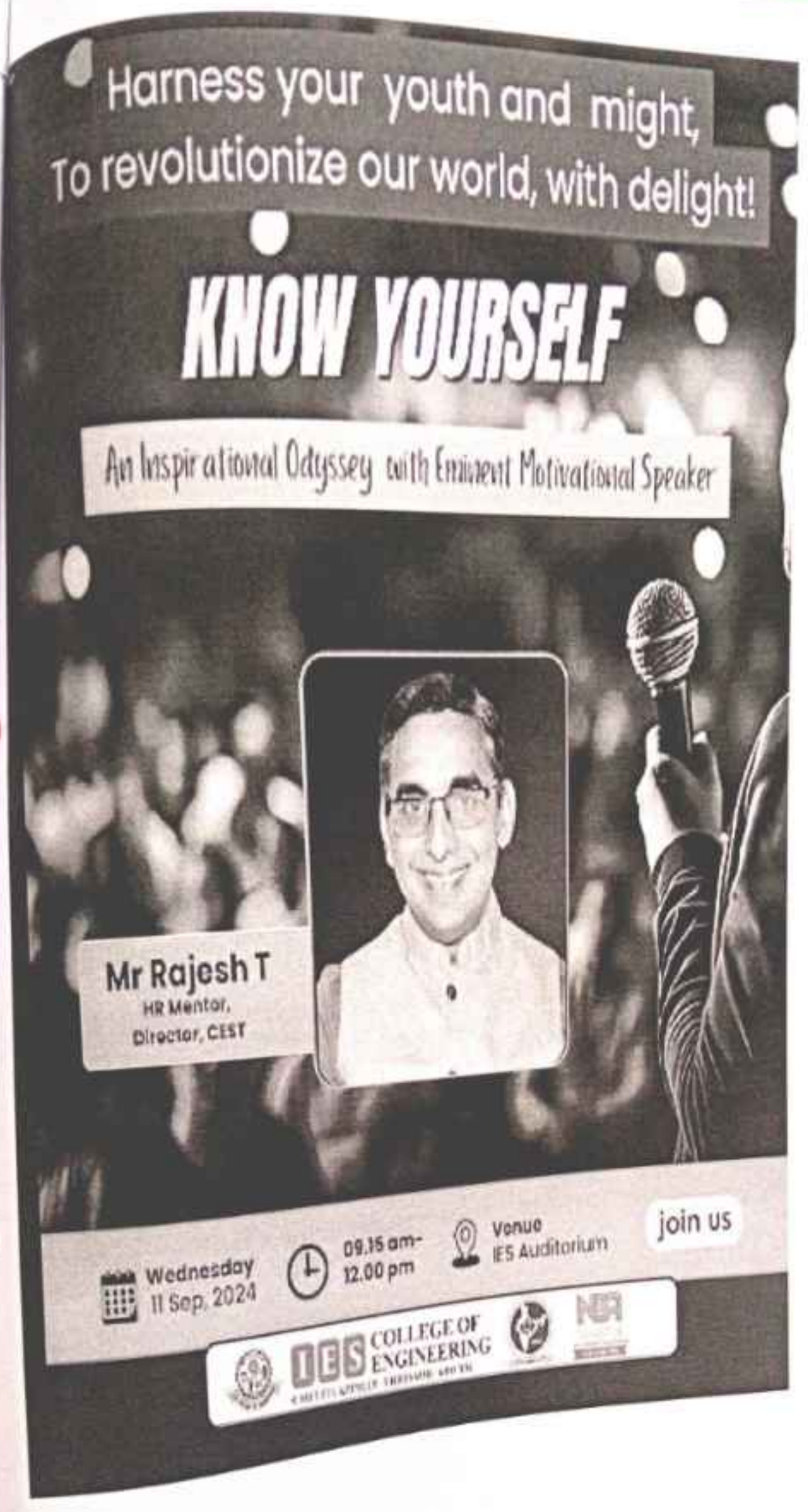
By identifying the strengths and understanding the weaknesses of students, they will develop greater self-confidence. This confidence is likely to translate into improved performance in both academic and personal areas. Students can undertake continuous self-reflection for personal development.

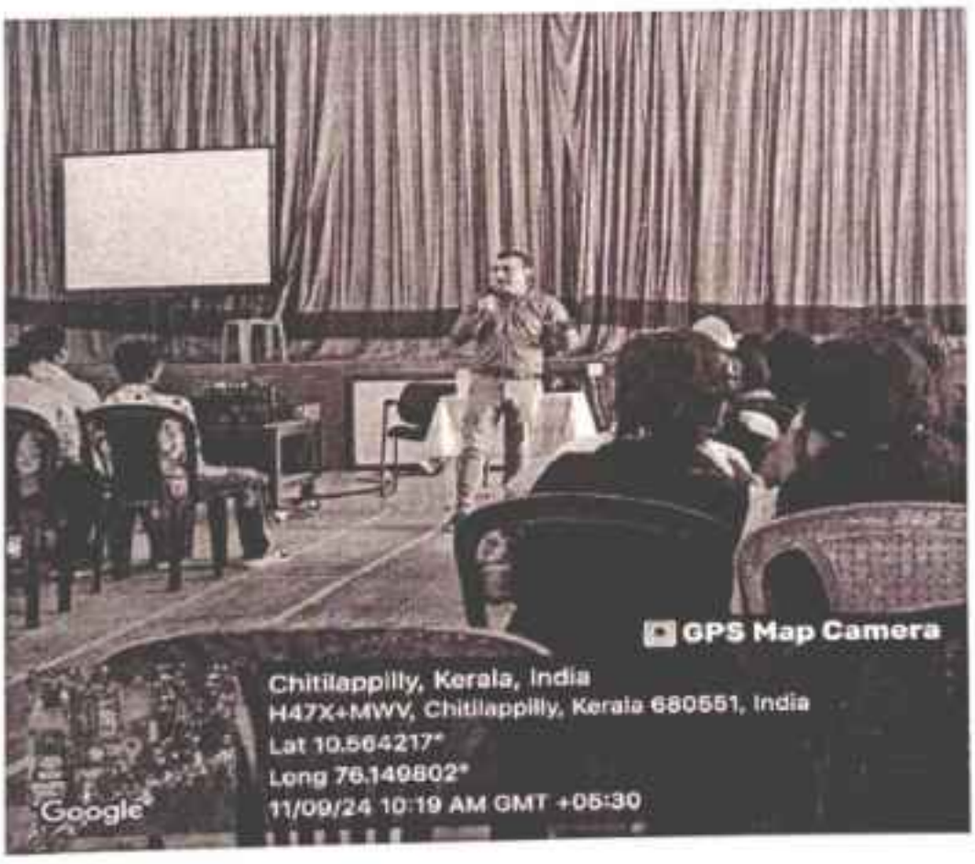
9.CHALLENGES –The program could be conducted smoothly and no major issues were faced.

HoD - Dept S& H

Prepared by : Linty Antony, Dhanya.K
Edited by Prabhavathi P

PRINCIPAL


Harness your youth and might,
To revolutionize our world, with delight!
KNOW YOURSELF
An Inspirational Odyssey with Eminent Motivational Speaker
Mr Rajesh T
HR Mentor,
Director, CEST
Wednesday
11 Sep, 2024
09.15 am-
12.00 pm
Venue
IES Auditorium
join us
IES COLLEGE OF ENGINEERING


GPS Map Camera
Chitilappilly, Kerala, India
H47X+MWV, Chitilappilly, Kerala 680551, India
Lat 10.564217°
Long 76.149802°
11/09/24 10:19 AM GMT +05:30
Google

IES COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

Introduction to LaTeX

Date: 24 January 2025
College: IES College of Engineering
Event: Introduction to LaTeX
Resource Person: Mr. Ayush K. R.
Participants: 50 Students

A session on **"Introduction to LaTeX"** was conducted on **24th January 2025** at **IES College of Engineering**. The objective of the session was to introduce students to LaTeX, a scientific documentation tool widely used for technical reports, research papers, and competitive examination submissions.The resource person, **Mr. Ayush K. R.**, demonstrated the basics of LaTeX formatting, document structure, mathematical typesetting, and preparation of professional academic documents. A total of **50 students** participated and gained hands-on understanding of LaTeX essentials.The session enhanced students' technical documentation skills and supported their preparation for research-oriented and competitive exam-related writing tasks.

Faculty In-charge **Hod** **Principal**

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IES COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

TECHNICAL CAD QUIZ

Date: 2 September 2024
College: IES College of Engineering
Event: CAD Quiz
Resource Person: Mr. Anandhu G.
Participants: 40 Students

A **CAD Quiz** was conducted on **2nd September 2024** at **IES College of Engineering** as part of Competitive Exam Training activities. The objective of the event was to assess students' knowledge in **Computer-Aided Design (CAD)** and improve their readiness for technical and competitive examinations.A total of **40 students** participated in the quiz, answering questions related to drafting, modelling techniques, design concepts, and commonly used CAD tools. The activity helped students evaluate their technical understanding and identify areas for improvement.The event provided students with valuable practice and contributed to enhancing their confidence and technical proficiency in CAD.

Faculty In-charge | Hod | Principal

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IES COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

Orientation in Industry-Focused CAD

Date: 19 February 2025
College: IES College of Engineering
Event: Orientation in Industry-Focused CAD
Resource Person: Mr. Anandhu G.
Participants: 50 Students

An **Orientation on Industry-Focused CAD** was conducted on **19th February 2025** at **IES College of Engineering**. The session aimed to familiarize students with CAD applications used in modern industries and enhance their technical readiness for competitive examinations and industry assessments. The resource person, **Mr. Anandhu G.**, introduced advanced CAD concepts, real-world design practices, and software workflows commonly used in manufacturing, automotive, and engineering sectors. A total of **50 students** participated and gained valuable exposure to industry-relevant CAD techniques. The event helped students improve their technical competency and better prepare for technical tests and competitive exam patterns.

Faculty In-charge **Hod** **Principal**

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2024-2025

IDEA PITCHING COMPETITION 2025

March 22,2025

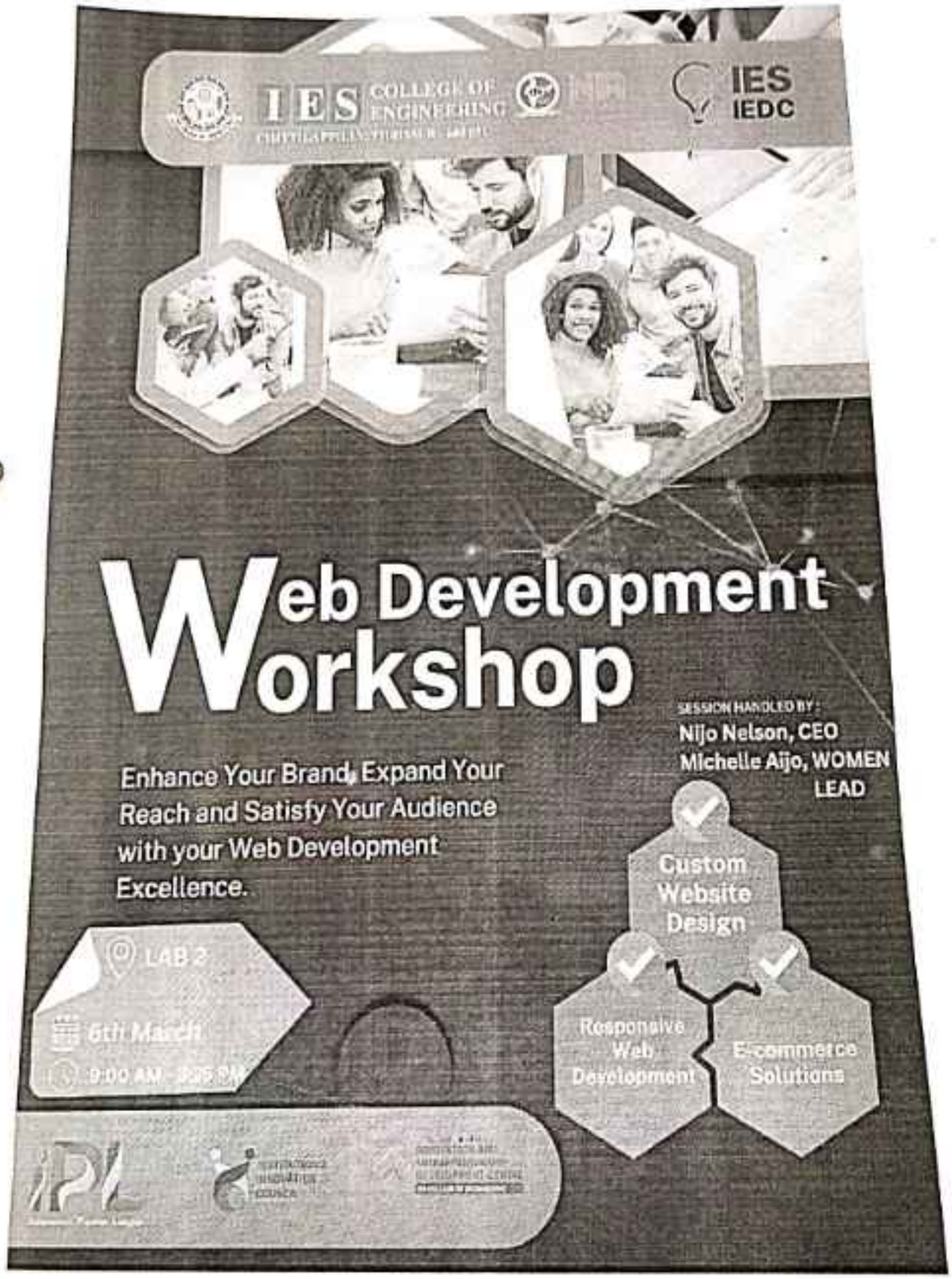
The IDEA Pitching Competition 2025, organized by the Innovation and Entrepreneurship Development Centre (IEDC) of IES College of Engineering, was successfully conducted on March 22, 2025, at the IEDC Room. The event aimed to encourage first- and second-year students to present their innovative ideas and entrepreneurial solutions.

The competition saw enthusiastic participation from multiple teams, each consisting of 2-4 members. The students presented their ideas to a panel of esteemed judges, including Ms. Shahaziya Parvez, Ms. Rachana M. K, and Ms.Bench Varghese. The judging criteria focused on innovation, feasibility, impact, and presentation skills.

Throughout the event, students showcased unique ideas, ranging from technological advancements to sustainable business solutions. The judges provided valuable feedback and guidance to help participants refine their concepts further. The event also emphasized the importance of creativity and problem-solving in entrepreneurship.

The competition was coordinated by Rudra and Michele Aijo, who ensured the smooth execution of the event. The last date for idea submission was March 20, 2025, giving teams ample time to prepare their pitches. The session started at 1:30 PM and witnessed engaging discussions between participants and judges.

This event proved to be an excellent platform for young minds to step into the entrepreneurial world, fostering a spirit of innovation and collaboration. The IEDC of IES College of Engineering continues to support aspiring entrepreneurs by organizing such initiatives, paving the way for future startups and business leaders.


IES COLLEGE OF ENGINEERING
IES
IEDC
Web Development Workshop
SESSION HANDLED BY :
Nijo Nelson, CEO
Michelle Aijo, WOMEN LEAD
Enhance Your Brand, Expand Your Reach and Satisfy Your Audience with your Web Development Excellence.
LAB 2
6th March
9:00 AM - 3:35 PM
Custom Website Design
Responsive Web Development
E-commerce Solutions

IEDC WEB DEVELOPMENT WORKSHOP

On 6th March 2025, the Innovation and Entrepreneurship Development Centre (IEDC) of IES College of Engineering, Chittilappilly, organized a Web Development Workshop for all ExeCom members at the R&AI Lab.

The workshop was led by expert resource persons, Nijo Nelson and Michelle Aijo, who guided the participants through the fundamentals of web development. The program was coordinated by Mrs. Shahziya, IEDC Nodal Officer, HOD, R&AI Department, IESCE.

The workshop, structured from 9:00 am to 3:25 pm, began with an introductory session by the nodal officer. The program focused on introducing participants to web development technologies, including HTML, CSS, JavaScript, and popular frameworks.

Participants had hands-on experience designing and developing their own web applications under the guidance of the resource persons. They learned about database integration, user authentication, and deployment. The workshop also introduced participants to popular web development tools and software.

The Web Development Workshop aimed to familiarize students with fundamental web development technologies, their applications, and hands-on experience in designing and developing web applications. The dedication and enthusiasm exhibited by the resource persons contributed to the resounding success of this program.

The participants expressed great appreciation and satisfaction about the event in the concluding session. Online feedback was collected from all participants, and e-certificates of participation were issued.

The entire session was effective, and the students and staff were technically elevated.

IES COLLEGE OF ENGINEERING

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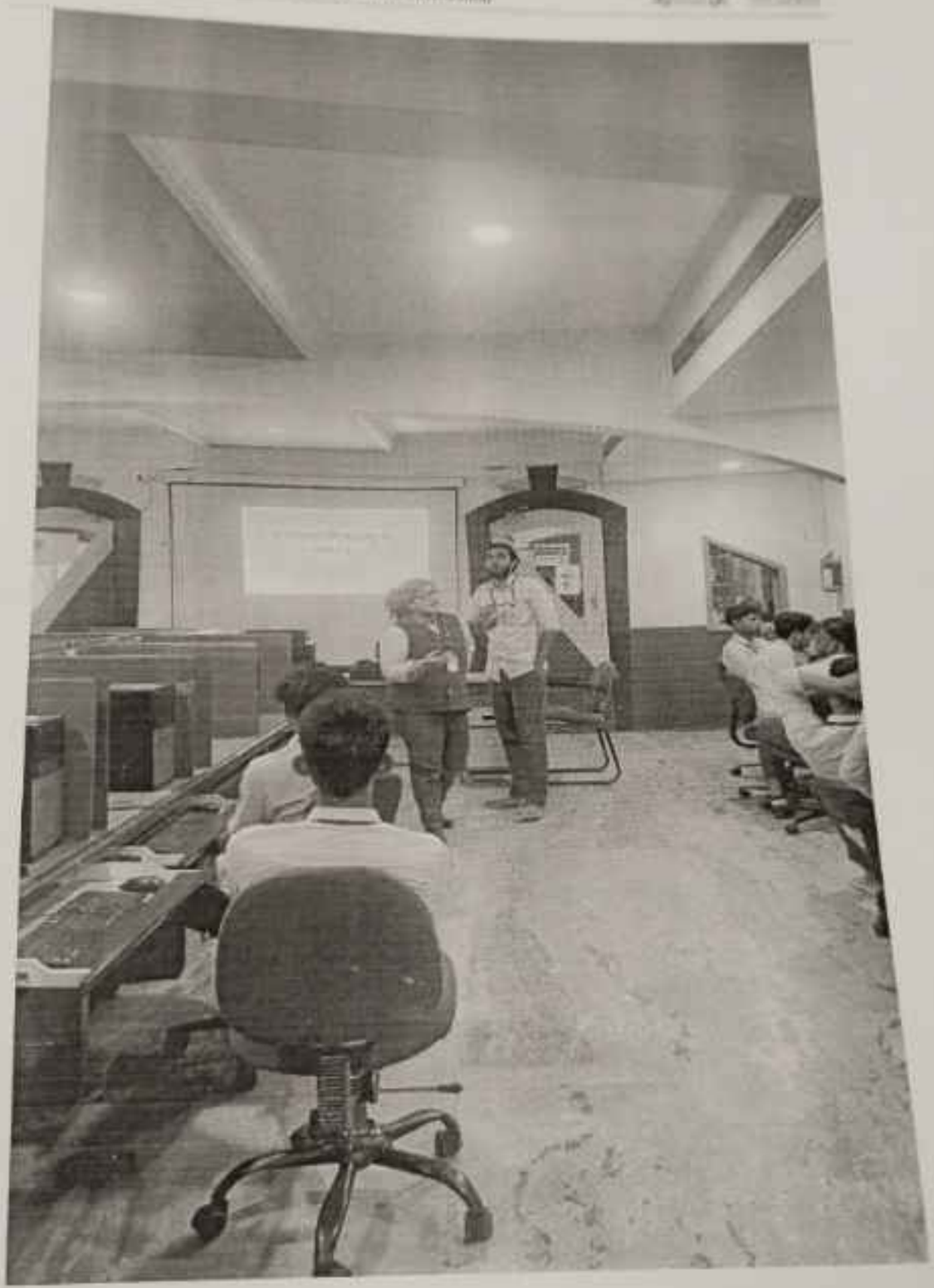

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

IES COLLEGE OF ENGINEERING

IPR SESSION

In association with IES IEDC

Empowering Success Through Knowledge. Join Our Online Webinar

With

Dr S Joe Patrick Ganaraj

SPEAKER

PROFESSOR & HEAD,
PRINCIPAL INVESTIGATOR,
DEPT OF MECHANICAL ENGG

Tuesday, 25 FEB 2025
7.00 PM - 8.00 PM

JOIN NOW

IES IEDC

IES IEDC

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

REPORT OF IPR SESSION

25th February 2025 :- The IPR (Intellectual Property Rights) Session was organized by IES College of Engineering in association with IES IEDC on 25th February 2025. The session aimed to empower students and professionals with knowledge about intellectual property rights and their significance in the modern era.

The session was led by Dr. S Joe Patrick Ganaraj, Professor and Head, Principal Investigator. Department of Mechanical Engineering. Dr. Ganaraj shared his extensive knowledge and experience in the field of intellectual property, emphasizing its importance for innovation, research, and business growth.

Some of the highlights of the session are Dr. Ganaraj explained the concept of intellectual property and its different types, including patents, trademarks, copyrights, and trade secrets. He highlighted the role of intellectual property in fostering innovation and protecting the rights of inventors and creators. The session covered the challenges faced in securing and maintaining intellectual property rights and suggested best practices to overcome them. The session concluded with an interactive Q&A where participants had the opportunity to clarify their doubts and seek guidance from the speaker.

The session witnessed active participation from students, faculty, and professionals. The attendees expressed positive feedback about the clarity and depth of the speaker's insights.

The IPR Session was a highly informative and engaging event. It successfully enhanced participants' understanding of intellectual property rights and encouraged them to consider the legal and strategic aspects of innovation. The event concluded with a vote of thanks to Dr. S Joe Patrick Ganaraj for his valuable contribution.

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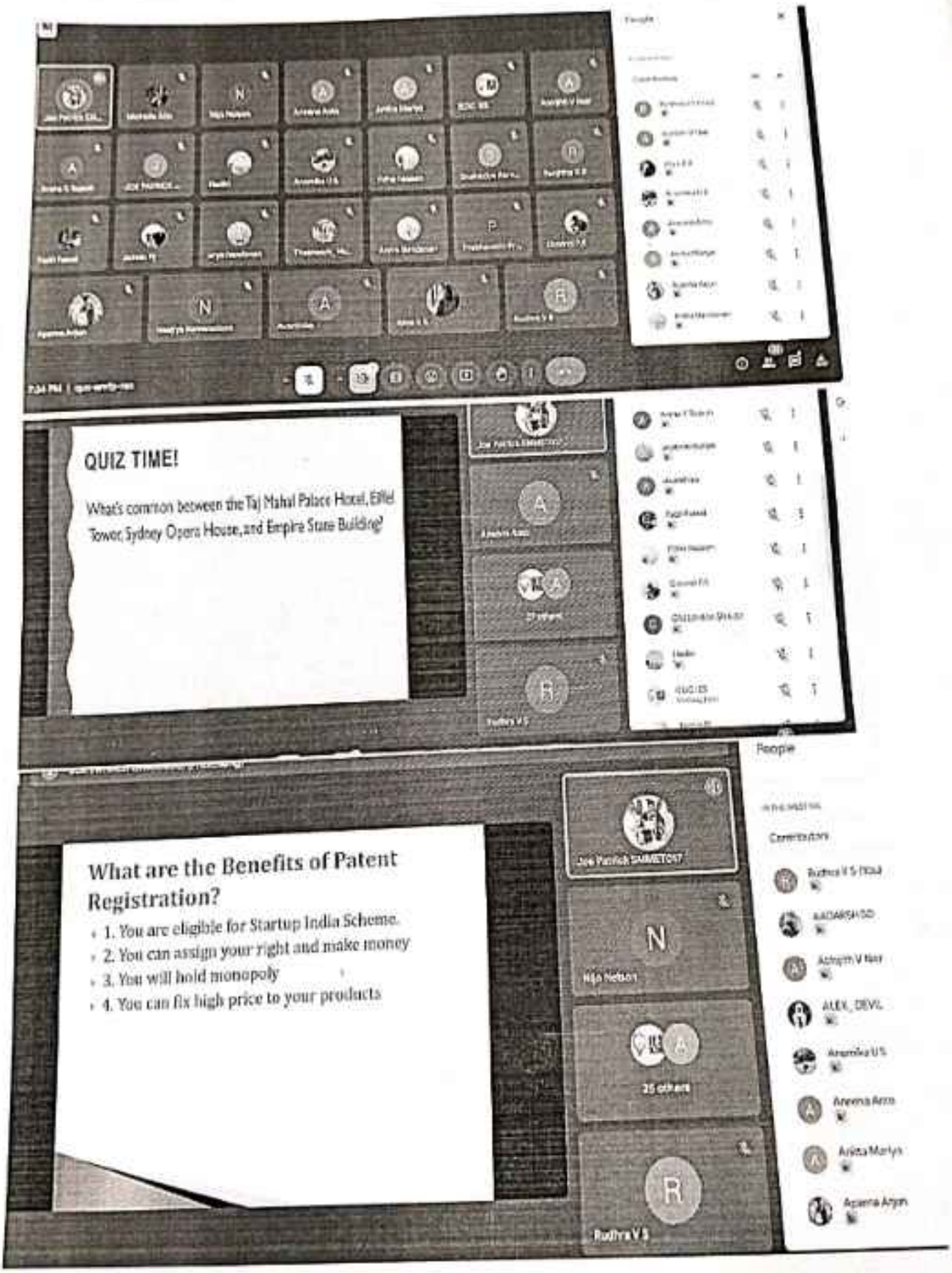


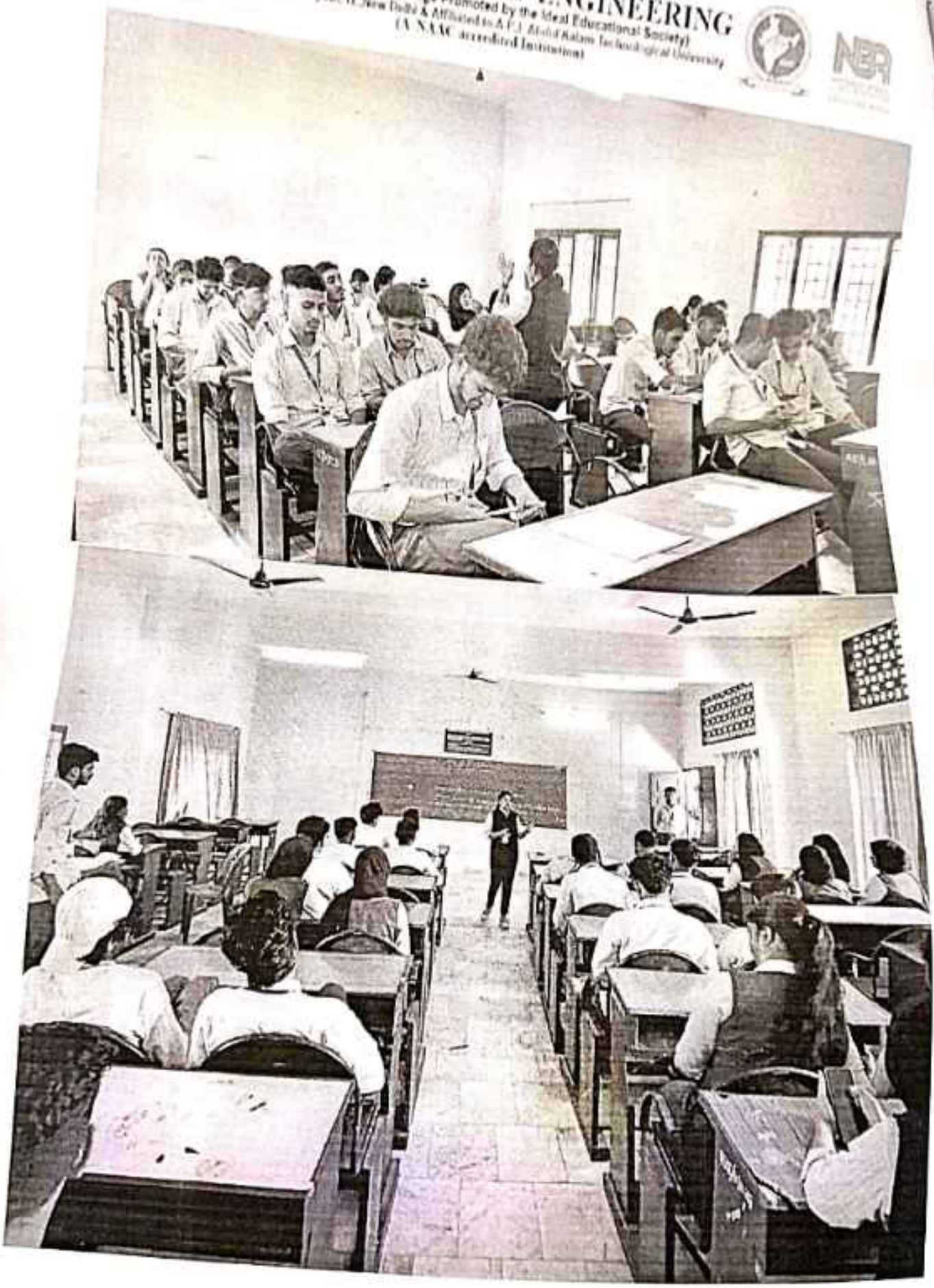
IES
IEDC
IES COLLEGE OF ENGINEERING
LinkedIn
Mastery
Build Your Professional Brand
REGISTER
NOW!
18 JANUARY 2025
Room no 323
in

IEDC LINKEDIN WORKSHOP

On January 18, 2025, the Innovation and Entrepreneurship Development Centre (IEDC) of IES College of Engineering, Chittillapally, organized a LinkedIn workshop for all executive committee (execom) members. Unlike previous years, this workshop was led by Dilsha Moideen, CEO of the IEDC cell and a student of S8 CSE, with coordination from Mrs. Shahziya, IEDC Nodal Officer and HOD of the R&AI Department at IESCE. The workshop, held from 10.00 AM to 11:00 PM, began with an introduction by the nodal officer, focusing on LinkedIn profile creation and platform orientation under Dilsha Moideen's guidance.

The Introduction to LinkedIn workshop aimed to equip students with skills for optimizing their profiles, fostering professional networking, and supporting career growth. The event saw enthusiastic participation from students across various disciplines. Dilsha Moideen's dedication contributed significantly to the program's success, providing students with a comprehensive understanding of LinkedIn and its benefits.

In the concluding session, participants expressed great appreciation and satisfaction. Online feedback was collected from all attendees, and e-certificates of participation were issued. Overall, the session was effective in enhancing technical knowledge among students and staff, fostering a positive learning environment.



IES

KICK OFF'S

IEDC ORIENTATION PROGRAM FOR FIRST YEARS

By IEDC Nodal Officers & IEDC Leads

DATE

29th & 30th October 2024

TIME

12:45 PMto 4:15 PM

VENUE

EEE SEMINAR HALL

IES IEDC

IEDC ORIENTATION PROGRAM REPORT

On October 29th and 30th 2024, IES IEDC organized an event aimed at providing information and introducing IEDC in our college to enthusiastic first year students from all branches. The program will take place from 12:45 PM to 4:15 PM in the EEE Seminar Hall. The event is organized by IEDC Nodal Officers and IEDC Leads

The session commenced in two day by divided into three sessions and each session for each branch and Mrs. Shahaziya Parvez M (nodal officer) start the session with brief introduction about IEDC and Dilsha, the CEO of IES IEDC welcomed the students. She also effectively addressed the students and introduced them to what IEDC is all about.

The session covered key concepts of IEDC's functioning and how this platform can be used for obtaining opportunities and building profiles. Beyond the introduction, she also engaged the students in various activities, including an ice-breaking session. These activities encompassed a brainstorming session, where students analyzed situations or problems to come up with optimal solutions. They were instructed to experiment, understand their daily lives, and formulate problem statements. Subsequently, discussions on ideas took place, involving artistic works and creativity. Dilsha also introduced the nodal officers: Mrs. Shahaziya Parvez M and Mrs. Prabhavathy P, along with the new executive members 2024-25, to the students.

The session concluded at 4:30 PM, with Dilsha, the CEO of IES IEDC,extending a vote of thanks to the participants and individuals who contributed to the event's success.

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INSTITUTION'S INNOVATION COUNCIL

IES IEDC

iPL

Kerala Startup Mission

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

IES COLLEGE OF ENGINEERING

IES COLLEGE OF ENGINEERING

(An Engineering College Promoted by the Ideal Educational Society)
Approved by AICTE, New Delhi & Affiliated to A.P.J.Abdul Kalam Technological University)

Date: 12/08/2024

To: Whom so it May Concern:

Sub: Smart India Hackathon 2024 – Appointment of College SPOC

This is to inform that the following Principal/ Dean/ official/ faculty member from our institute has been appointed as College Single Point of Contact (College SPOC) for Smart India Hackathon 2024.

Name of Official: Ms. Shahaziya Parvez M
Designation: Assistant Professor, Dept. of Robotics & AI
Mobile no:9656220545
Email id: shahaziyaparvezm@iesce.info

We understand that, the SPOC will be:

- Single Point of Contact to reach out to regarding any SIH2024 related communication to the institute/ student teams from SIH organizers.
- SPOC will be responsible for nominating top 30 teams - 25 Shortlisted and 05 Waitlist teams inclusive of both software and hardware.

Sincerely,

Dr.S Brilly Sangeetha

12/8/24

Dr. S. BRILLY SANGEETHA
PRINCIPAL
IES COLLEGE OF ENGINEERING
CHITTILAPPILLY - 680551
THRISSUR - KERALA

I.E.S. COLLEGE OF ENGINEERING
P.O. Chittilappilly
Thrissur-680 551

IES COLLEGE OF ENGINEERING

LINKEDIN
Workshop

Join our Linkedin one day Workshop to gain powerful strategies for accelerating your business growth!

For IEDC Execome Members

FRIDAY
18 November 2024

VENUE
Room 323 , R&AI

Afshad K A
Embedded System Engineer

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

INSTITUTION'S INNOVATION COUNCIL

IPL

IES IEDC

Nov 8th,2024

LINKEDIN WORKSHOP

A LinkedIn workshop was held on 18th November 2024 from 10:00 AM to 4:00 PM at Room 323, R&AI, IES specifically for the IEDC Execom members.The session was hosted by the IES IEDC of IES College of Engineering.The workshop aimed to equip participants with strategies to use LinkedIn effectively for professional development and growth.

The workshop was conducted by Afshad K A, an Embedded System Engineer, who guided attendees through optimizing their LinkedIn profiles and leveraging the platform's tools to build strong personal brands. Key topics included creating an impactful LinkedIn profile, highlighting skills and experiences, expanding networks, and engaging with industry professionals. Participants were also introduced to powerful networking strategies to expand their professional connections and increase their visibility in the industry.

The event was designed to be both informative and interactive, with participants engaging in practical exercises to apply the techniques discussed. The workshop concluded with a Q&A session where attendees could seek personalized advice on improving their LinkedIn presence. Overall, the workshop successfully provided the IEDC Execom members with the tools and insights needed to enhance their online professional image and unlock new opportunities.

The session concluded with a vote of thanks delivered by IEDC Nodal Officer, Ms. Shahzhiya Parvez, expressing gratitude to the speaker and participants for their active involvement.

IES COLLEGE OF ENGINEERING

3D Printing WORKSHOP

For Execome members (2024-25)

16TH OCTOBER 2024
WEDNESDAY

ROOM NO. 117 (R&AI LAB)

RESOURCES PERSONS

Abhijith N S
S5 CSE

Ablash P S
S5 CSE

IES IEDC

IEDC DIMENSIONAL CRAFT LAB 3D PRINTING WORKSHOP

On 16th october 2024 the Dimensional craft Lab in associated with the Innovation and Entrepreneurship Development Centre (IEDC) of IES College of engineering's chittillapally organised a 3D printing workshop for All execom members at R&AI Lab. Unlike previous year workshop this workshop was lead by the members of the dimensional craft lab the resource person were Abhijith ns and Abilash ps (CEO of dimensional craft lab, S4 CSE). The Programmers was coordinated by Mrs Shahziya Parvez M(IEDC Nodal officer, HOD, R&AI dep, IESCE). Along with the members of dimensional craft Lab. The workshop was structured from 9.00am-4.15pm The program was started with small introduce section by nodal officer. the program are mainly focus on the 3d printing and the introduction to the printing machine. Also Student had the opportunity to apply their newly acquired skill by designing their own 3D under the guidance of faculties. Their prepared models for printing, including adjusting setting such as layer height, infill density and support structure The Introduction to 3D printing workshop is aimed to familiarize Students with fundamental 3D printing technology, its applications and hands on experience students in designing and printing 3D model, students were introduced to popular 3D modelling software such as Tinkercad Fusion 360. They learned basic modelling techniques including creating 3D models and preparing models for printing etc... The dedication and enthusiasm exhibited by the resources person is contributed to the resounding success of this program. It provided all students with a comprehensive understanding of 3D printing and their benefits. The participants expressed great appreciation and satisfaction about the event in the concluding session. The online Feedback has been collected from all the participants and E certificates of Participation has been issued. The entire session was effective and the students and staffs were technically elevated.

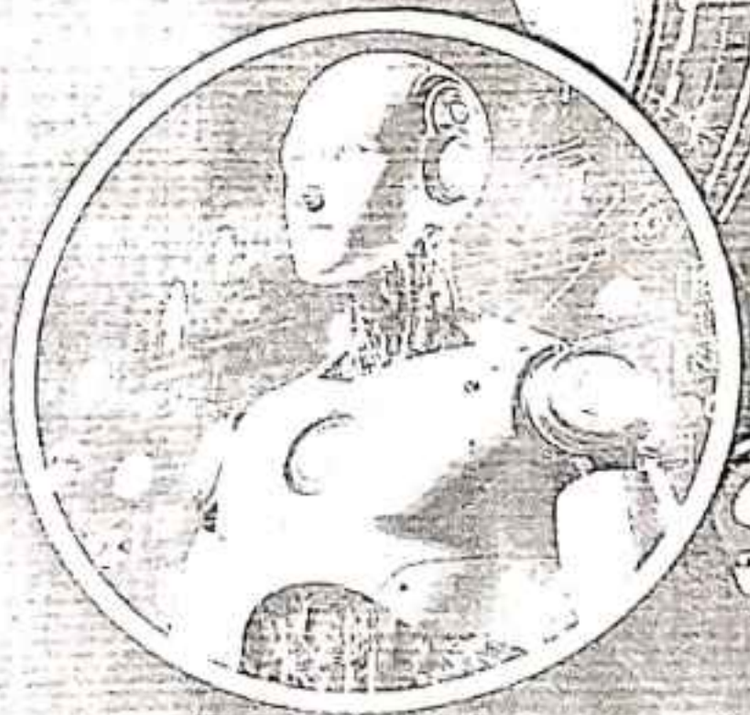
COLLEGE OF ENGINEERING

DEPARTMENT OF ROBOTICS & AI

ORIENTATION ABOUT THE FUTURE OF ROBOTICS AND AI

RESOURCE PERSON
MR Aravind (CEO)
MR Adarsh (Trainer)

12 SEP 2024



IES COLLEGE OF ENGINEERING, CHITTILAPPILLY
DEPARTMENT OF ROBOTICS &AI

IES COLLEGE OF ENGINEERING

A REPORT ON

ORIENTATION ON THE FUTURE OF ROBOTICS AND AI

DATE : 12/09/24

B. Tech 3rd semester RAI

DEPARTMENT OF ROBOTICS &AI ENGINEERING

DEPARTMENT OF ROBOTICS &AI

IES COLLEGE OF ENGINEERING, CHITTILAPPILLY

Date and Time: September 12th ,2024

From 12:00 pmto2:00 PM

The main objectives of orientation are

- Understanding the basics of robotics and its applications
- To explore the wide opportunities of robotics

The orientation program, conducted by Robo Home Learning, was designed to introduce participants to the rapidly evolving world of robotics and its potential impact on various industries. Led by two prominent figures in the organization, **Mr. Aravind**, the CEO, and **Mr. Adarsh**, an experienced trainer, the event provided valuable insights into how robotics is shaping the future and the skillsets necessary for students and professionals to thrive in this field.

Opening Remarks by Mr. Aravind (CEO):

Mr. Aravind, with his vast experience and forward-thinking approach, delivered the keynote speech. His talk revolved around the theme **"The Future of Robotics: Opportunities and Challenges."** Some of the critical points he discussed include:

- **Current Trends in Robotics**: He started by discussing the current state of the robotics industry, emphasizing how it has moved beyond industrial automation to more advanced and adaptive systems. Fields such as healthcare, agriculture, manufacturing, and logistics are experiencing revolutionary changes due to robotics.
- **Artificial Intelligence (AI) and Robotics**: Mr. Aravind highlighted the growing intersection of AI and robotics. He explained how AI-driven robots can learn, adapt, and make autonomous decisions. For instance, robotic systems used in hospitals for precision surgery and agriculture robots improving crop yield were shared as case studies.
- **Opportunities in the Future**: The CEO laid out the roadmap for the next decade, forecasting significant growth in areas such as:
    - **Service Robots**: Personal robots, including home assistants, robotic caregivers, and entertainment robots.

- **Collaborative Robots (Cobots)**: Robots designed to work alongside humans in industrial and service settings.
- **Autonomous Vehicles**: Drones, self-driving cars, and underwater exploration robots.

- **Challenges Facing the Robotics Industry**: While the future of robotics is promising, Mr. Aravind didn't shy away from addressing the challenges, including:
  - **Ethical Concerns**: The need for developing ethical AI and robots, especially in autonomous decision-making.
  - **Workforce Adaptation**: Preparing the workforce for a future where robots replace repetitive jobs and how educational institutions should focus on robotics education.
- **Robo Home Learning's Vision**: He concluded his speech by sharing Robo Home Learning's vision to become a leader in robotics education, preparing the next generation of engineers, developers, and creators to push the boundaries of what robots can achieve.

Interactive Session by Mr. Adarsh (Trainer):

Following the keynote, **Mr. Adarsh**, a seasoned robotics trainer at Robo Home Learning, engaged the participants with an interactive session on the **"Skills and Technologies Driving the Future of Robotics."**

- **Fundamental Skills for Aspiring Roboticists**: Mr. Adarsh emphasized that the future of robotics will be driven by a multidisciplinary approach. He broke down the essential skills required:
  - **Programming**: Knowledge of programming languages like Python, C++, and ROS (Robot Operating System) for developing and controlling robotic systems.
  - **Electronics and Embedded Systems**: Understanding microcontrollers, sensors, and actuators, which form the backbone of any robotic system.
  - **Mechanical Engineering**: Understanding kinematics, dynamics, and robot design principles.
  - **AI and Machine Learning**: Leveraging AI to improve robotic intelligence, including computer vision, neural networks, and reinforcement learning.
- **Hands-On Experience**: He provided insights into the importance of **hands-on training** through practical projects. Mr. Adarsh walked the participants through some of the key projects that Robo Home Learning offers to students:
  - **Autonomous Mobile Robots**: Designing robots that can navigate environments using sensors.

- **Robotic Arms and Manipulators**: Building and programming robotic arms used in industries for tasks like welding, packaging, or painting.
- **Drone Technology**: Learning to build and program drones for various applications like surveying and delivery.

- **Innovative Technologies:** Mr. Adarsh shared examples of cutting-edge technologies driving the future of robotics:
  - **3D Printing for Robotics:** How 3D printing is transforming the prototyping and manufacturing of robots.
  - **Swarm Robotics:** The concept of multiple robots working together like a colony of ants, useful in tasks like search and rescue.
  - **Humanoids and Social Robots:** Robots designed to interact with humans, particularly in service and healthcare settings.

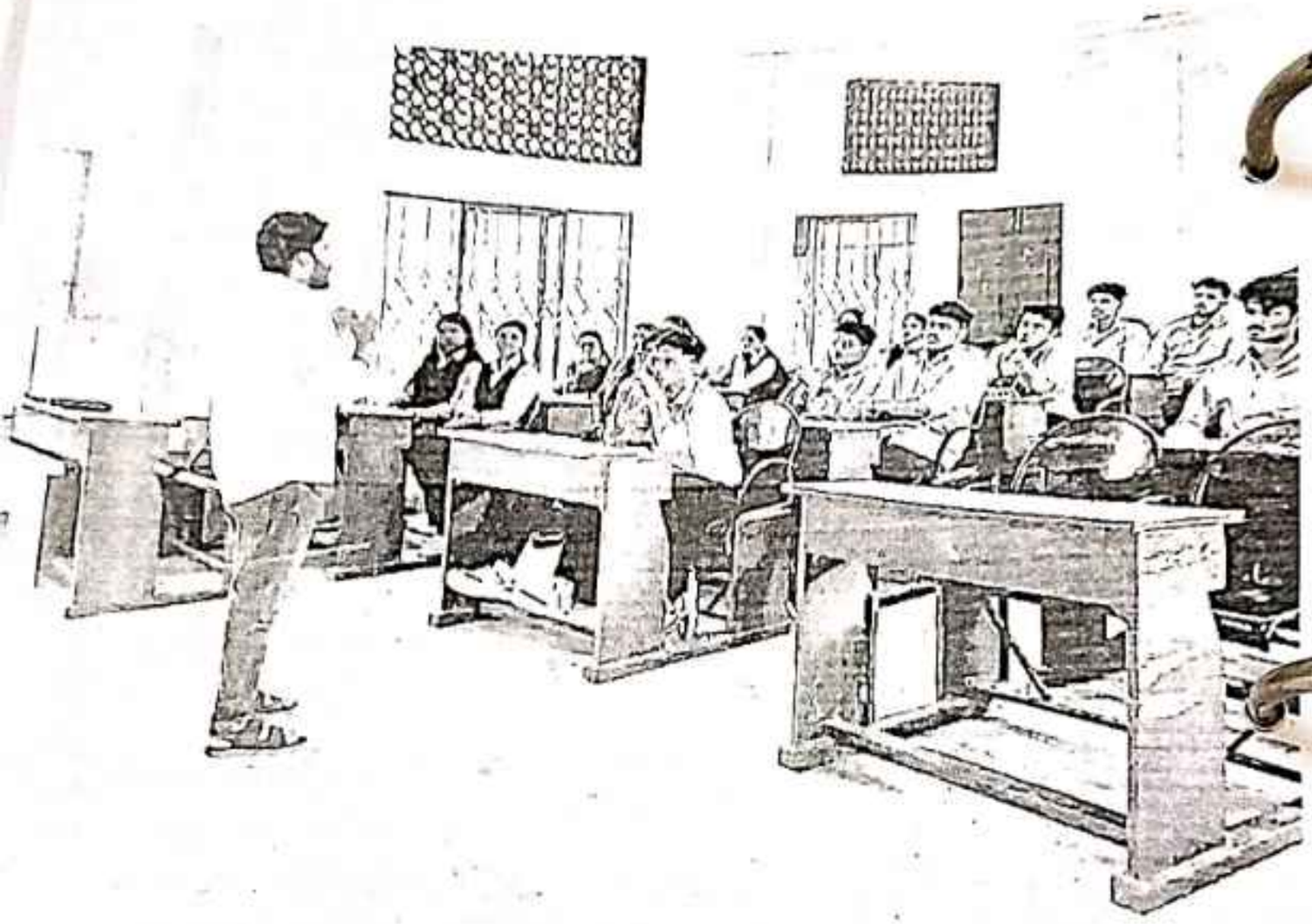
Future Learning Opportunities at Robo Home Learning:

Mr. Adarsh concluded by discussing the different learning pathways offered by Robo Home Learning, including:

- **Beginner and Advanced Robotics Courses**: Covering everything from introductory programming to advanced robotics design.
- **Certification Programs**: In specialized fields like AI for Robotics, Industrial Automation, and Autonomous Vehicles.
- **Internship and Project-Based Learning**: Opportunities for hands-on industry experience with partner companies.

At the end of the orientation, a **Q&A session** was held where both Mr. Aravind and Mr. Adarsh answered participants' questions. Key discussion points included:

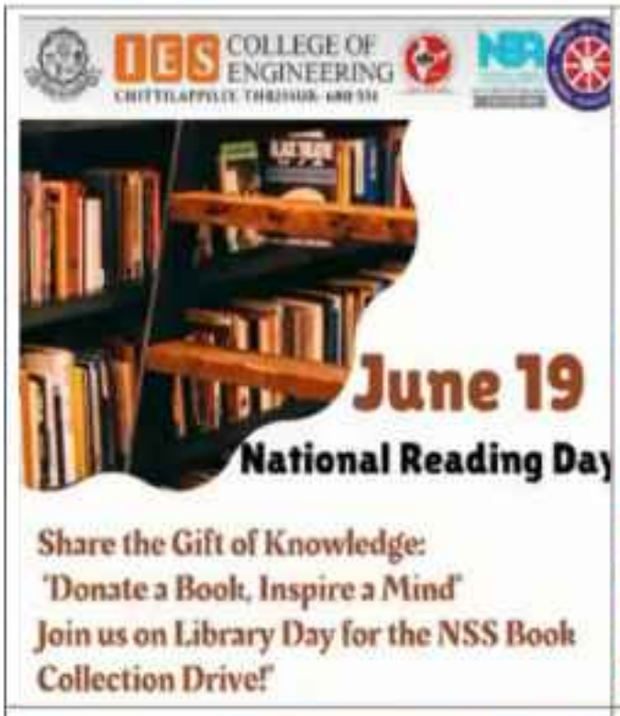
- The role of **robotics in education**, where students can leverage robots for creative problem-solving.
- **Career pathways in robotics**, such as robotics engineer, AI specialist, drone operator, and industrial automation technician.



IES COLLEGE OF ENGINEERING

Unit Number:186

Date	19-06-2024	Duration	4 hrs	No of volunteers Participated:
Title of Program	Reading Day Program			
Highlights of program	In connection with Reading Day celebrations, NSS Unit No. 186 of IES College of Engineering organized a Book Distribution Program at V.V. School, Chittilappilly to promote the joy of reading and support young learners. The initiative aimed to cultivate reading habits among students and emphasize the value of books in shaping knowledge and imagination. As part of the program, volunteers distributed storybooks, academic books, and notebooks to students, encouraging them to read more and make learning a joyful experience. The interaction with students also included short talks on the importance of reading in daily life. This thoughtful initiative reflected the NSS commitment to education, literacy, and community engagement, in line with the spirit of Reading Day.			



IES COLLEGE OF ENGINEERING

Unit Number:186

Date	15 -08-24	Duration	2 hrs	No of volunteers Participated: 28
Title of Program	A Visit to Santhinekethan terminal care centre			
Highlights of program	On Independence Day, our NSS Unit 186 from IES College of Engineering, Chittilappilly, Thrissur, under the aegis of KTU CARE, undertook a heartwarming journey to the Santhinekethan Terminal Care Centre. We spent quality time with courageous individuals battling cancer, engaging in uplifting conversations, soulful singing, and joyful dancing. The atmosphere was electric, with everyone eager to join in. We distributed sweets, balloons, and flags, symbolizing hope, freedom, and the spirit of independence. This memorable visit brought smiles to their faces and warmth to our hearts, reminding us of the true essence of freedom and the importance of spreading love and kindness.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	25 -08-24	Duration	6 hrs	No of volunteers Participated: 19
Title of Program	DIGIKERALAM DAY 1			
Highlights of program	As a part of DigiKeralam survey (Day 1) at Adat Panchayath, our NSS unit 186 of IES College of Engineering, Chittilappilly, Thrissur conducted a survey at the panchayath office. Following their instructions, our NSS volunteers were divided into groups and assigned to specific wards. The survey aimed to collect data on residents in each ward, including their names, phone numbers, house numbers, and other details. The survey was carried out over three days, with a target completion goal set for each day. Our team successfully met these targets, gathering valuable information and completing the survey as planned.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	27-08-24	Duration	6 hrs	No of volunteers Participated: 19
Title of Program	DIGIKERALAM DAY 2			
Highlights of program	As a part of DigiKeralam survey (Day 2) at Adat Panchayath, our NSS unit 186 of IES College of Engineering, Chittilappilly, Thrissur conducted a survey at the panchayath office. Following their instructions, our NSS volunteers were divided into groups and assigned to specific wards. The survey aimed to collect data on residents in each ward, including their names, phone numbers, house numbers, and other details. The survey was carried out over three days, with a target completion goal set for each day. Our team successfully met these targets, gathering valuable information and completing the survey as planned.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	28 -08-24	Duration	3 hrs	No of volunteers Participated: 29
Title of Program	NRPF SCRAP COLLECTION			
Highlights of program	As a part of NRPF project a scrap collection was conducted by the NSS Unit 186. We NSS volunteers were divided into groups and each groups were assigned with a particular area for the scrap collection. Each group have contributed to achieve their target. After the collection the volunteers gathered back to the college and the collected scraps were sold to the scrapyard.			

IES COLLEGE OF ENGINEERING

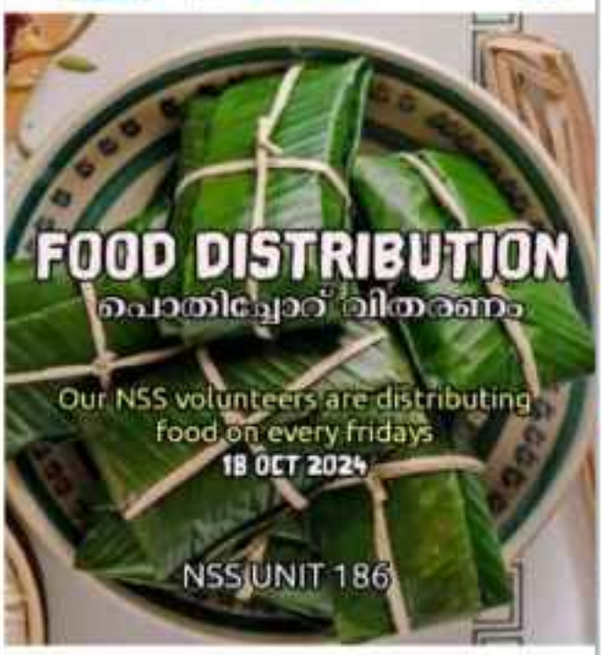
Unit Number:186

Date	29-08-24	Duration	6 hrs	No of volunteers Participated: 43
Title of Program	DIGIKERALAM DAY 3			
Highlights of program	As a part of DigiKeralam survey (Day 3) at Adat Panchayath, our NSS unit 186 of IES College of Engineering, Chittilappilly, Thrissur conducted a survey at the panchayath office. Following their instructions, our NSS volunteers were divided into groups and assigned to specific wards. The survey aimed to collect data on residents in each ward, including their names, phone numbers, house numbers, and other details. The survey was carried out over three days, with a target completion goal set for each day. Our team successfully met these targets, gathering valuable information and completing the survey as planned.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	18-08-2024	Duration	3 hrs	No of volunteers Participated:
Title of Program	FOOD DRIVE			
Highlights of program	On 30th August 2024, the NSS Unit 186, under the KTU NSS Cell, organized a Pothichor distribution program at Amala Medical College, Thrissur. The initiative was aimed at supporting poor and needy patients by providing them with nutritious, home-packed meals.A group of dedicated NSS volunteers actively participated in the preparation and distribution of Pothichoru, demonstrating their commitment to social welfare and compassion towards the underprivileged. The event was carried out with the spirit of service and humanity, reflecting the true essence of the NSS motto: "Not Me, But You.			



IES COLLEGE OF ENGINEERING

Unit Number:186

Date	30-08-2024	Duration	3 hrs	No of volunteers Participated:
Title of Program	FOOD DRIVE-KTU CARE			
Highlights of program	On 30th August 2024, the NSS Unit 186, under the KTU NSS Cell, organized a Pothichor distribution program at Amala Medical College, Thrissur. The initiative was aimed at supporting poor and needy patients by providing them with nutritious, home-packed meals.A group of dedicated NSS volunteers actively participated in the preparation and distribution of Pothichoru, demonstrating their commitment to social welfare and compassion towards the underprivileged. The event was carried out with the spirit of service and humanity, reflecting the true essence of the NSS motto: "Not Me, But You.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	06-09-2024	Duration	3 hrs	No of volunteers Participated:
Title of Program	Food Distribution at Amala Medical College			
Highlights of program	On 6th September 2024, NSS Unit 186 carried out a food distribution program at Amala Medical College, Thrissur, extending support to the economically challenged patients and bystanders. This initiative, organized under the guidance of the KTU NSS Cell, aimed at spreading kindness and compassion through the simple act of providing nutritious meals.The volunteers of the unit actively participated in preparing, packing, and distributing the food, ensuring that every packet was handed out with care and respect. The program not only fulfilled a basic need but also reminded everyone of the power of small actions in bringing comfort to others.Such outreach activities continue to reinforce the NSS spirit of selfless service and create lasting impacts in the lives of both volunteers and beneficiaries.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	13-09-2024	Duration	5 hrs	No of volunteers Participated:
Title of Program	Food distribution at santhinikethan Old Age Home			
Highlights of program	As part of its ongoing commitment to social responsibility and community outreach, the NSS Unit No. 186 of IES College of Engineering organized a Food Distribution Program at Santhinikethan Old Age Home. The event aimed to support and bring joy to the elderly residents by providing freshly prepared meals and spending quality time with them. Volunteers actively participated in preparing, serving, and interacting with the residents, fostering a spirit of compassion, care, and respect for senior citizens. This initiative not only addressed immediate needs but also reinforced the importance of empathy and service among students. The program reflected the NSS motto, "Not Me, But You", and successfully created a meaningful connection between youth and the elderly community.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	24 -09-24	Duration	3 hrs	No of volunteers Participated: 33
Title of Program	SWACHHATA HI SEVA 2024			
Highlights of program	As a part of NSS day ,we have accomplished a project SWACHHATA HI SEVA 2024.This was held at Thrissur railway station and the railway officials delivered a speech on NSS day. The NSS volunteers were divided into groups and each groups were assigned with a particular area for cleaning . After the assigned work has been completed refreshments were provided.Our NSS unit took photos by accompanying other NSS units. And then we participated in the rally held there. After this the programme was dispersed.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	24 -09-24	Duration	3 hrs	No of volunteers Participated: 10
Title of Program	SWACHHATA HI SEVA 2024 POSTER MAKING			
Highlights of program	As a part of NSS day we have accomplished the project SWACHHATA HI SEVA 2024. As a part of this we have conducted a poster making program. This event was held at Thrissur railway station at the railway health inspector's office.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	23-01-2025	Duration	6 hrs	No of volunteers Participated: 23
Title of Program	Harithamitram Survey			
Highlights of program	Harithamithra 3 Day survey at Adat Panchayath, our NSS unit 186 of IES College of Engineering, Chittilappilly, Thrissur conducted a survey at the panchayath office. Following their instructions, our NSS volunteers were divided into groups and assigned to specific wards. The survey aimed to collect data on residents in each ward, including their names, phone numbers, house numbers, and other details. Our team successfully met these targets, gathering valuable information and completing the survey as planned.			

IES COLLEGE OF ENGINEERING

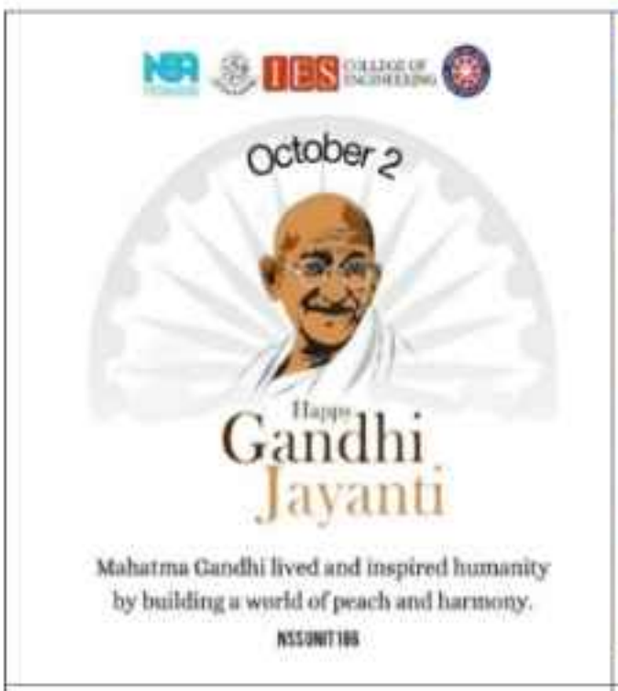
Unit Number:186

Date	01-10-2024	Duration	6 hrs	No of volunteers Participated:
Title of Program	Swachh Sagar Abhiyan			
Highlights of program	As part of the Swachh Sagar Abhiyan, NSS Unit No. 186 of IES College of Engineering organized a Beach Cleaning Program at Chavakkad Beach with the aim of promoting environmental awareness and marine conservation. The event focused on cleaning the shoreline, collecting plastic waste, and spreading awareness about the harmful effects of marine pollution. Student volunteers actively participated in the cleanup drive, demonstrating their commitment to sustainability and civic responsibility. The initiative served as a reminder of the urgent need to protect our coastal ecosystems and reduce plastic waste. This program was a step toward fostering environmental stewardship and reflected the NSS spirit of community service and environmental care.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	02-10-2024	Duration	5 hrs	No of volunteers Participated:
Title of Program	Gandhi Jayanthi			
Highlights of program	To commemorate the birth anniversary of Mahatma Gandhi, NSS Unit No. 186 of IES College of Engineering organized a Gandhi Jayanthi Program with great respect and enthusiasm. The event aimed to honor the ideals and values of the Father of the Nation, including non-violence, truth, and social harmony. The program included activities such as cleanliness drives, speeches, and awareness sessions at Muthuvara Junction, Thrissur highlighting Gandhiji's contributions to India's freedom struggle and his message of peace and simplicity. Students actively participated, reflecting on the relevance of Gandhian principles today. The event served as a reminder to uphold values of integrity, unity, and service to the nation, in line with the NSS motto "Not Me, But You."			



IES COLLEGE OF ENGINEERING

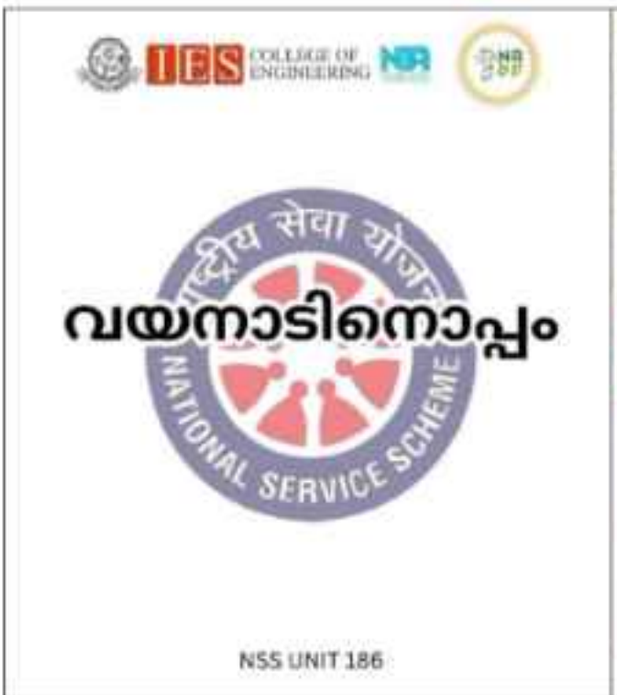
Unit Number:186

Date	09-10-2024	Duration	5 hrs	No of volunteers Participated:
Title of Program	Walkathon as part of the "We Are with Wayanad"			
Highlights of program	NSS Unit No. 186 of IES College of Engineering actively participated in the Walkathon organized as part of the "We Are with Wayanad" campaign, aimed at expressing solidarity with the people of Wayanad and raising awareness about the environmental and social challenges faced by the region. Through this meaningful walk, volunteers demonstrated their commitment to supporting affected communities and promoting unity and social responsibility. The event also served as a platform to spread messages about environmental protection, sustainable living, and community resilience. This participation reflected the NSS values of empathy, service, and collective action toward building a better society.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	31-10-2024	Duration	5 hrs	No of volunteers Participated:
Title of Program	scrap collection			
Highlights of program	NSS Unit No. 186 of IES College of Engineering conducted a **Scrap Collection Drive** as part of its efforts to promote environmental sustainability and responsible waste management. The initiative aimed to collect and properly dispose of or recycle unused and discarded materials such as paper, plastics, metals, and e-waste from the campus and nearby areas. Volunteers actively participated in identifying, segregating, and collecting scrap items, raising awareness about the importance of recycling, and reducing environmental impact. The drive encouraged students and staff to adopt eco-friendly practices and contribute to a cleaner, greener environment. This program reflected the NSS commitment to community service and environmental responsibility.			



IES COLLEGE OF ENGINEERING

Unit Number:186

Date	14-11-2024	Duration	4 hrs	No of volunteers Participated:
Title of Program	children's day			
Highlights of program	In celebration of Children's Day, NSS Unit No. 186 of IES College of Engineering organized a vibrant and heartwarming program dedicated to children, honoring the birth anniversary of Pandit Jawaharlal Nehru, India's first Prime Minister and a great advocate for children's rights and education. The event was conducted at a Anganwadi near IESCE, where volunteers engaged the children in fun-filled activities such as games, cultural performances, storytelling, and gift distribution. The program aimed to spread joy, encourage creativity, and promote the well-being of children. This initiative reflected the NSS spirit of compassion, service, and creating meaningful connections with the community's younger generation.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	16-01-2025	Duration	2 hrs	No of volunteers Participated:
Title of Program	Guruvayoor Nagarasabha Survey			
Highlights of program	NSS Unit No. 186 of IES College of Engineering actively participated in a community survey conducted in collaboration with the Guruvayoor Municipality (Nagarasabha). The survey aimed to collect valuable data related to public health, sanitation, waste management, and socio-economic conditions to support local governance and planning. Volunteers were assigned specific wards where they interacted with residents, filled survey forms, and gathered essential information with accuracy and responsibility. This hands-on initiative provided students with real-world exposure to civic engagement and community development processes. The program reflected the NSS mission of serving society through meaningful and impactful fieldwork while fostering civic awareness among youth.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	31-01-2025	Duration	4 hrs	No of volunteers Participated:
Title of Program	Flash Mob as part of Blood Donation awareness			
Highlights of program	As part of a Blood Donation Awareness Campaign, NSS Unit No. 186 of IES College of Engineering organized an impactful Flash Mob at Shoba City Mall, Thrissur. The event aimed to encourage the public, especially the youth, to come forward and donate blood voluntarily. Through an energetic and well-coordinated dance performance, NSS volunteers conveyed strong messages on the importance of blood donation, saving lives, and the spirit of giving. The flash mob successfully captured the attention of mall visitors and helped spread awareness in a creative and engaging manner. This initiative reflected the NSS motto "Not Me, But You," inspiring collective responsibility and compassionate action within the community.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	23-01-2025	Duration	3 hrs	No of volunteers Participated:
Title of Program	Road Safety Awareness Program			
Highlights of program	As part of a **Road Safety Awareness Program**, NSS Unit No. 186 of IES College of Engineering conducted a thoughtful initiative by **distributing gifts to individuals who followed traffic rules**. This unique approach aimed to encourage responsible driving behaviour and promote awareness about road safety among the public. Volunteers, in collaboration with traffic authorities, appreciated and rewarded motorists who wore helmets, used seat belts, and followed traffic signals properly. The gesture served both as a **positive reinforcement** and a public reminder of the importance of safe and lawful road practices. This initiative reflected the NSS commitment to **community welfare, responsible citizenship, and public safety**.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	23-01-2025	Duration	5 hrs	No of volunteers Participated:
Title of Program	DIGI KERALA SURVEY			
Highlights of program	NSS Unit 186 of IES College of Engineering partnered with Adat Grama Panchayath to carry out the Digi Kerala Survey, a statewide initiative designed to map digital access and literacy at the household level. Over the course of the drive, our volunteers received orientation on survey protocols and data-collection tools, then conducted door-to-door visits throughout the panchayath's wards, recording information on smartphone and computer ownership, internet connectivity, use of e-governance portals, and awareness of digital-finance services. In addition to gathering data, the team demonstrated basic online government services—such as applying for certificates and paying utility bills—to residents who lacked digital familiarity, ensuring the survey doubled as a micro-training session. The collaboration not only provided the government with reliable ground-level insights for future digital-inclusion programs but also strengthened the college's community engagement and gave volunteers practical experience in field research, communication, and civic service.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	28-01-2025	Duration	5 hrs	No of volunteers Participated:
Title of Program	ADAT HARITHA MITHRAM APP SURVEY – DAY 1			
Highlights of program	NSS Unit 186 of IES College of Engineering, in collaboration with Adat Grama Panchayath, actively participated in the Harithamithram App Survey, an initiative aimed at promoting effective waste management and tracking household-level waste disposal practices. As part of the program, NSS volunteers visited households within the panchayath to collect data on the usage and awareness of the Harithamithram mobile application, which is designed to streamline the operations of Haritha Karma Sena and ensure transparency in waste collection. The survey also focused on educating residents about the importance of proper waste segregation and the role of digital tools in building a cleaner and greener Kerala. Through this activity, the volunteers contributed to improving community participation in sustainable waste management while also gaining valuable experience in fieldwork and public engagement.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	**29-01-2025**	Duration	5 hrs	No of volunteers Participated:
Title of Program	ADAT HARITHA MITHRAM APP SURVEY – DAY 2			
Highlights of program	NSS Unit 186 of IES College of Engineering, in collaboration with Adat Grama Panchayath, actively participated in the Harithamithram App Survey, an initiative aimed at promoting effective waste management and tracking household-level waste disposal practices. As part of the program, NSS volunteers visited households within the panchayath to collect data on the usage and awareness of the Harithamithram mobile application, which is designed to streamline the operations of Haritha Karma Sena and ensure transparency in waste collection. The survey also focused on educating residents about the importance of proper waste segregation and the role of digital tools in building a cleaner and greener Kerala. Through this activity, the volunteers contributed to improving community participation in sustainable waste management while also gaining valuable experience in fieldwork and public engagement.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	20-01-2025	Duration	5 hrs	No of volunteers Participated:
Title of Program	GIRL CHILD DAY			
Highlights of program	In observance of National Girl Child Day, NSS Unit 186 of IES College of Engineering visited Sreeparvathy Sevanilayam, a rehabilitation center for differently-abled girls and women. The visit aimed to spread joy, encouragement, and support through interactions, activities, and shared moments. The program highlighted the values of inclusivity, empowerment, and compassion, celebrating the strength and spirit of every girl child.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	07-02-2025	Duration	4 hrs	No of volunteers Participated:
Title of Program	MALINYA MUKTHAM NAVAKERALAM cleaning			
Highlights of program	As part of the **Malinya Muktham Nava Keralam (Waste-Free New Kerala)** campaign, NSS Unit No. 186 of IES College of Engineering organized a **cleaning drive at Adatt** to promote cleanliness, environmental responsibility, and sustainable waste management. Volunteers actively participated in cleaning public spaces, collecting plastic waste, and spreading awareness among residents about the importance of proper waste disposal and keeping surroundings clean. The initiative aimed to support the state-wide mission of building a cleaner, greener Kerala. This program reflected the NSS vision of **community service and environmental stewardship**, encouraging youth to take active roles in shaping a healthier future.			

IES COLLEGE OF ENGINEERING

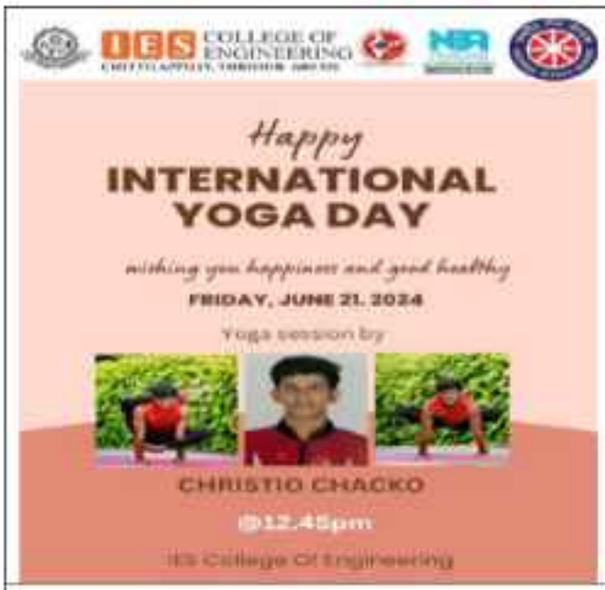
Unit Number:186

Date	29-03-2025	Duration	2 hrs	No of volunteers Participated:
Title of Program	VILANGAN HILLS mega cleaning drive			
Highlights of program	NSS Unit No. 186 of IES College of Engineering, in collaboration with NSS units from Thejus Engineering College, Nehru College of Engineering and Research, ICCS, and Royal College, successfully conducted a Mega Cleaning Drive at Vilangan Hills, a popular eco-tourism spot in Thrissur. The joint effort aimed to promote environmental conservation, tourism cleanliness, and public awareness about preserving natural spaces. Volunteers from all participating institutions actively engaged in removing plastic waste, clearing littered areas, and spreading awareness among visitors on maintaining cleanliness and sustainability. The drive served as a shining example of inter-college cooperation and the NSS spirit of "Not Me, But You," encouraging youth to take active roles in environmental stewardship and community service.			

IES COLLEGE OF ENGINEERING

Unit Number:186

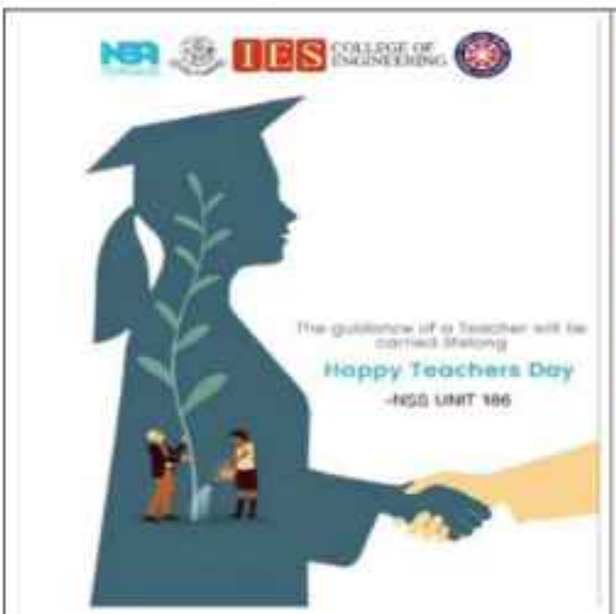
Date	21/06/2024	Duration	2 hrs	No of volunteers Participated:
Title of Program	International Yoga Day Celebration			
Highlights of program	NSS Unit 186 of IES College of Engineering observed International Yoga Day on June 21, emphasizing the significance of yoga in achieving balance, strength, and inner peace through yoga practices, participants cultivated mindfulness, flexibility, and mental clarity. The session was handled by Yoga Trainer Christio Chako. The event promoted a holistic approach to well-being, encouraging attendees to incorporate yoga into their daily lives. With its focus on self-awareness and self-care, the celebration aligned with the unit's mission to nurture the physical, emotional, and spiritual growth of its members.			



IES COLLEGE OF ENGINEERING

Unit Number:186

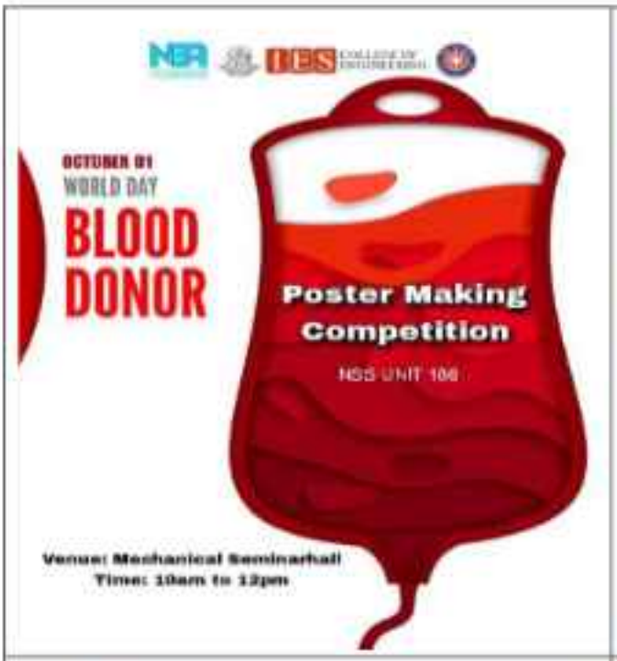
Date	05/09/2024	Duration	4 hrs	No of volunteers Participated:
Title of Program	Teachers' day			
Highlights of program	A joint effort by NSS on Teachers' Day resulted in a lively celebration that paid tribute to educators with appreciation and thanks. Teachers were thanked and welcomed in a moving ceremony that kicked off the event. Numerous entertaining activities, such as games and contests designed specifically for educators, enhanced the event's sense of joy and togetherness. The celebration was enhanced by a variety of activities, such as interactive workshops showcasing teachers' efforts and talent showcases. To further add to the celebratory atmosphere, considerate presents were also given out as tokens of appreciation.			



IES COLLEGE OF ENGINEERING

Unit Number:186

Date	01-10-2024	Duration	4 hrs	No of volunteers Participated:
Title of Program	world blood donor day poster competition			
Highlights of program	In connection with World Blood Donor Day, NSS Unit No. 186 of IES College of Engineering conducted a Poster Competition to raise awareness about the importance of voluntary blood donation. The event encouraged students to express their creativity and social responsibility through powerful visual messages that highlight the value of saving lives through blood donation. The competition witnessed enthusiastic participation from students across various departments, showcasing thought-provoking posters that emphasized the theme of compassion, humanity, and the life-saving impact of donating blood. The event aimed to inspire more individuals to become regular blood donors and promote a culture of care within the community. This initiative aligns with the NSS mission to build socially conscious and active citizens through creative engagement.			



IES COLLEGE OF ENGINEERING

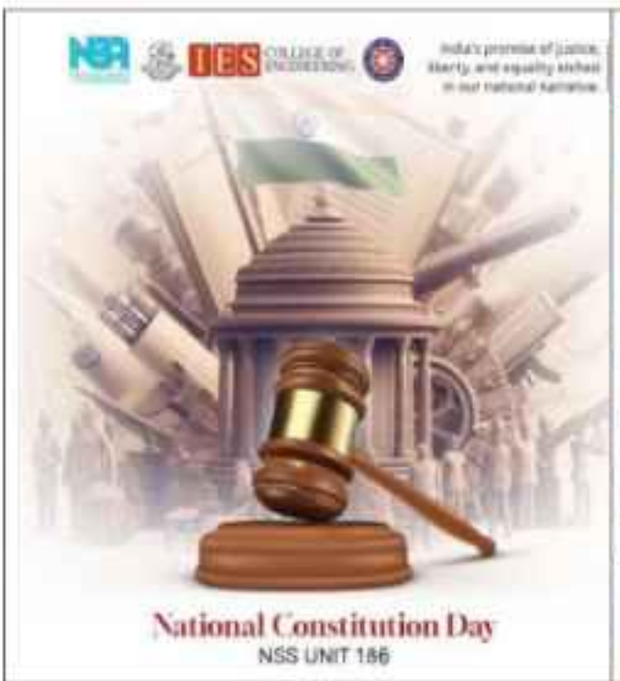
Unit Number:186

Date	31-10-2024	Duration	2 hrs	No of volunteers Participated:
Title of Program	Rashtriya ekta divas			
Highlights of program	NSS Unit No. 186 of IES College of Engineering observed Rashtriya Ekta Diwas (National Unity Day) by organizing a Unity Pledge Ceremony to commemorate the birth anniversary of Sardar Vallabhbhai Patel, the Iron Man of India. The event aimed to reinforce the value of national integration, unity, and the importance of staying united as a nation. Students and NSS volunteers came together to take the Rashtriya Ekta Diwas pledge, affirming their dedication to preserving the unity, integrity, and security of the country. The program instilled a strong sense of patriotism and collective responsibility among participants. This event was a reflection of NSS's core values of unity, service, and national pride.			

IES COLLEGE OF ENGINEERING

Unit Number:186

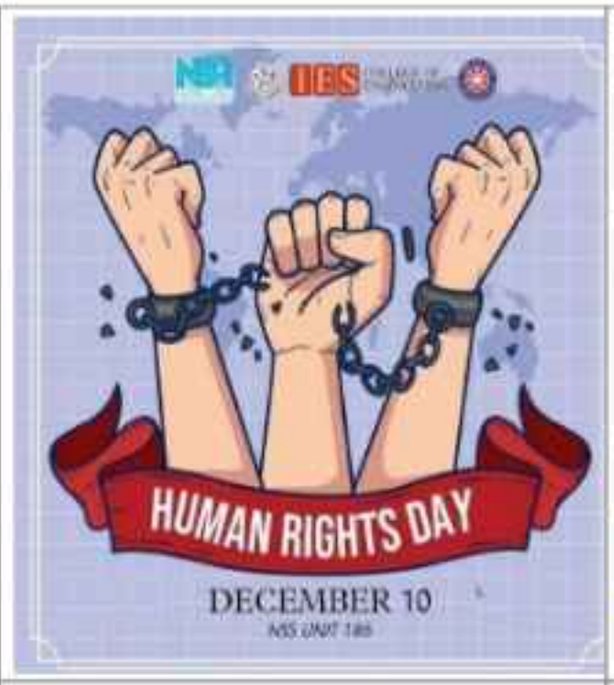
Date	25-11-2024	Duration	2 hrs	No of volunteers Participated:
Title of Program	constitution day			
Highlights of program	NSS Unit No. 186 of IES College of Engineering observed **Constitution Day** on **November 26th** by organizing a **Pledge Ceremony** to honor the adoption of the Indian Constitution and to pay tribute to its principal architect, **Dr. B. R. Ambedkar**. During the event, students gathered to solemnly take the **constitutional pledge**, reaffirming their commitment to uphold the values of **justice, liberty, equality, and fraternity** as enshrined in the Constitution. The program also highlighted the importance of being responsible citizens and respecting the democratic framework of the nation. This initiative reflected the NSS mission to foster awareness about civic duties and promote national integrity among the youth.				

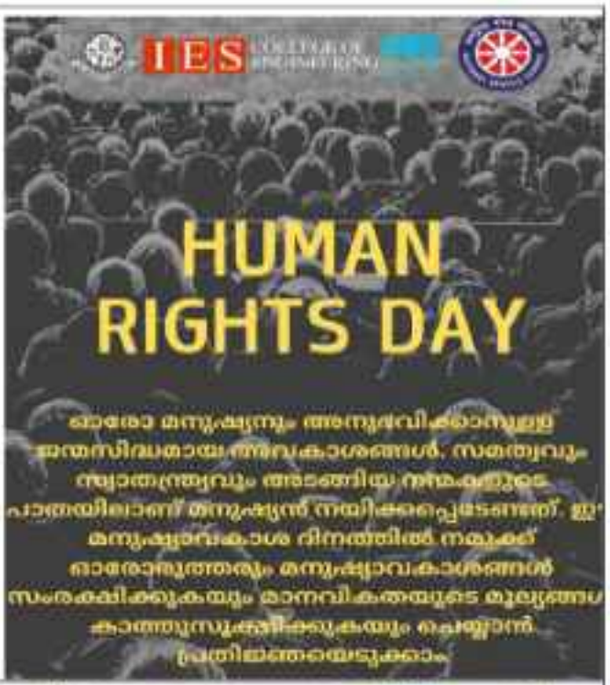


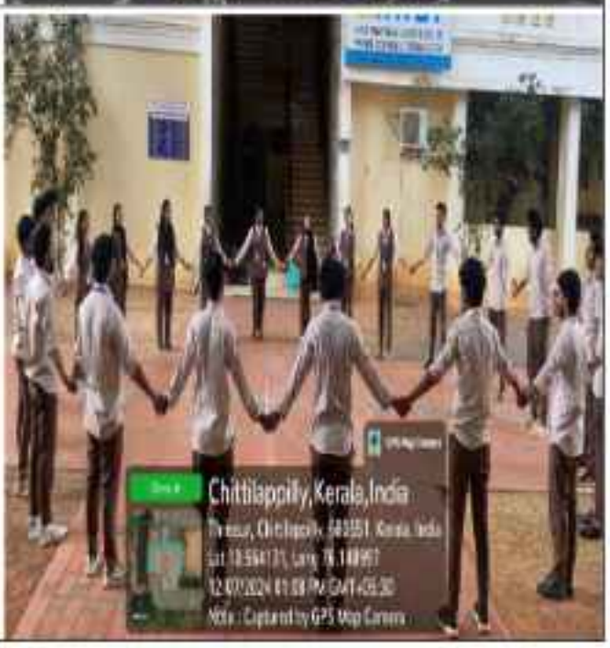
IES COLLEGE OF ENGINEERING

Unit Number:186

Date	07-12-2024	Duration	2 hrs	No of volunteers Participated:
Title of Program	Human Rights Day			
Highlights of program	In observance of **Human Rights Day**, NSS Unit No. 186 of IES College of Engineering conducted a **Human Chain Program** followed by a **Human Rights Pledge Ceremony** to promote awareness about fundamental human rights and the importance of upholding dignity, freedom, and equality for all. Volunteers formed a **human chain** on campus as a symbolic gesture of unity and solidarity with global efforts to protect human rights. The event was followed by the **Human Rights Day Pledge**, where participants reaffirmed their commitment to respect and uphold the rights of every individual regardless of race, gender, caste, or religion. This program emphasized the NSS mission of building a socially responsible and inclusive society rooted in justice and equality.				







IES COLLEGE OF ENGINEERING

Unit Number:186

Date	14-12-2024	Duration	3 hrs	No of volunteers Participated:
Title of Program	Energy Conservation Day			
Highlights of program	As part of Energy Conservation Day and in the spirit of the festive season, NSS Unit No. 186 of IES College of Engineering organized a unique Christmas Star Making Program that promoted both creativity and sustainability. The activity encouraged students to design and craft Christmas stars using eco-friendly and recycled materials, highlighting the importance of conserving energy and reducing waste. The event served as a creative platform to spread awareness about responsible resource usage while celebrating Christmas in an environmentally conscious manner. Volunteers enthusiastically participated, combining art with the message of sustainability. This initiative reflected the NSS commitment to environmental awareness, innovation, and community engagement.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	23-01-2025	Duration	5 hrs	No of volunteers Participated:
Title of Program	Early Medical and Cancer Detection Camp			
Highlights of program	The NSS Unit 186 of IES College of Engineering successfully organized an Early Medical and Cancer Detection Camp, aimed at promoting health awareness and early diagnosis of common medical conditions among students and staff. The camp offered a wide range of free medical services including blood pressure monitoring, oxygen level and pulse rate checks, digital ECG, ECHO screening, doctor consultations, and dental checkups with portable digital X-rays. The program witnessed active participation from the college community and was supported by a dedicated team of healthcare professionals. The initiative played a vital role in spreading awareness about preventive healthcare and encouraging regular medical checkups, ensuring timely identification of potential health issues.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	12 -08-24	Duration	1 hrs	No of volunteers Participated: 36
Title of Program	Nasha Mukth Bharath Abhiyan Pledge			
Highlights of program	In anticipation of the upcoming 78th Independence Day, NSS Unit 186 of IES College of Engineering, Chittilappilly, Thrissur, organized a significant program where volunteers united to take a solemn pledge. Centered around the theme "Viksit Bharat ka Mantra, Bharat ho Nashe se Swatantra," the event underscored the importance of striving for a developed India free from addiction. Following the pledge, the program officer delivered an impactful speech, emphasizing the vital role of youth in upholding this commitment. The officer highlighted the responsibility of young people in fostering a healthier, addiction-free future, encouraging them to stay dedicated to this noble cause for the nation's progress.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	15 -08-24	Duration	1 hrs	No of volunteers Participated: 32
Title of Program	Independence Day Celebration			
Highlights of program	On our 78th Independence Day, NSS Unit 186 of IES College of Engineering, Chittilappilly, Thrissur, hosted a grand celebration. We commenced with a flag hoisting ceremony, followed by sweet distribution to faculties, spreading joy and patriotism. We also distributed Indian flags and special badges to participants. A unique balloon arrangement resembling the Indian map was the highlight. Additionally, a poster making contest was organized, encouraging creativity on the theme of independence. This memorable event showcased our unity and spirit.			

IES COLLEGE OF ENGINEERING

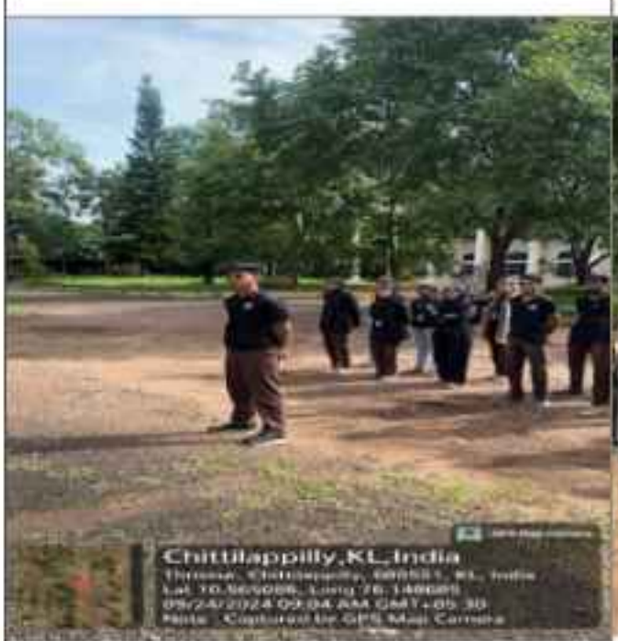
Unit Number:186

Date	14-10-2024	Duration	4 hrs	No of volunteers Participated: 34
Title of Program	Sanjeevanam blood donation camp			
Highlights of program	NSS Unit 186, IES College of Engineering, successfully organized a Voluntary Blood Donation Camp in association with the Blood Centre, Government Medical College, Thrissur, on October 14, 2024. A total of 116 students registered for the camp, and 63 donors generously donated their blood. All donors were provided with refreshments, and we appreciate the enthusiasm and kindness of our donors and look forward to future community service initiatives.			

IES COLLEGE OF ENGINEERING

Unit Number:186

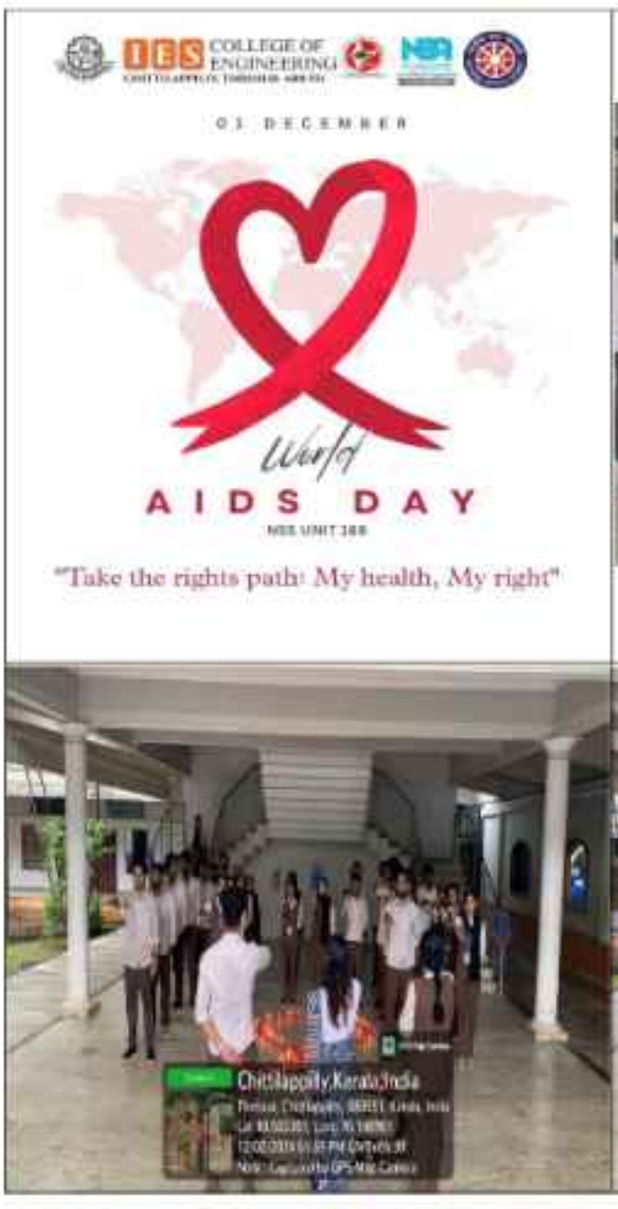
Date	24 -09-24	Duration	1 hrs	No of volunteers Participated: 33
Title of Program	NSS DAY			
Highlights of program	As a part of NSS Day, NSS volunteers have conducted an assembly at 9 a.m. We started with our Manava Geetham in the presence of HOD and PO and AO and the NSS flag was hoisted by the HOD and teachers. Along with this we have recited the quotes from the holy books. The respected teachers delivered informations about NSS. Then the assembly was dispersed.			



IES COLLEGE OF ENGINEERING

Unit Number:186

Date	01/12/2024	Duration	2 hrs	No of volunteers Participated: 33
Title of Program	World AIDS Day			
Highlights of program	On December 1st, our NSS Unit 186 observed World AIDS Day to raise awareness about the disease and promote prevention. We organized a thoughtful event to commemorate this important day. We created a symbolic AIDS ribbon and lit lamps around it, signifying hope and solidarity for those affected by HIV/AIDS. This poignant gesture sparked meaningful conversations and reflections among participants. As part of our awareness drive, we took a collective pledge to promote education, understanding, and empathy towards individuals living with HIV/AIDS. This commitment reinforced our unit's dedication to social responsibility and community service. Our World AIDS Day celebration successfully raised awareness about the importance of HIV/AIDS prevention, treatment, and support. We hope that our efforts will inspire others to join the fight against this disease and promote a more compassionate society.			



World AIDS Day awareness programs

-NSS UNIT 186

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	10-12-2024	Duration	2hrs	No of volunteers Participated: 30
Title of Program	Human Rights Day			
Highlights of program	NSS Unit 186 of IES College of Engineering, Chittilappilly, Thrissur, belatedly celebrated Human Rights Day on December 7, commemorating the original date of observance on November 10, 2024. We, the NSS volunteers, formed a human chain, representing unity and solidarity in promoting and protecting human rights, and reaffirming our commitment to upholding the dignity and equality of all individuals.			

IES COLLEGE OF ENGINEERING

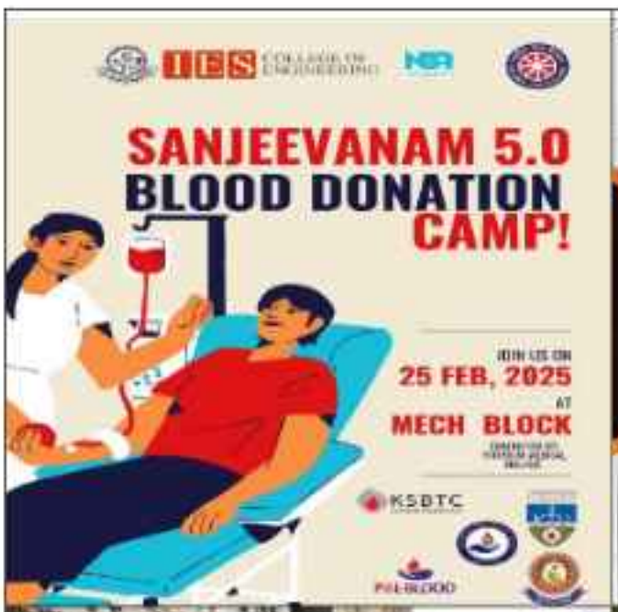
Unit Number:186

Date	04-02-2025	Duration	4 hrs	No of volunteers Participated: 11
Title of Program	Free Eye Checkup Camp			
Highlights of program	NSS Unit 186 successfully organized a Free Eye Checkup Camp on February 4, 2025, providing complimentary eye examinations to numerous beneficiaries. The event featured orientation classes, and our volunteers actively participated in ensuring the camp's smooth execution. This initiative embodies our commitment to fostering better health and creating a brighter tomorrow. We extend our heartfelt gratitude to the dedicated doctors, volunteers, and participants who contributed to the camp's success. Let's continue to spread awareness and care for those in need!			

IES COLLEGE OF ENGINEERING

Unit Number:186

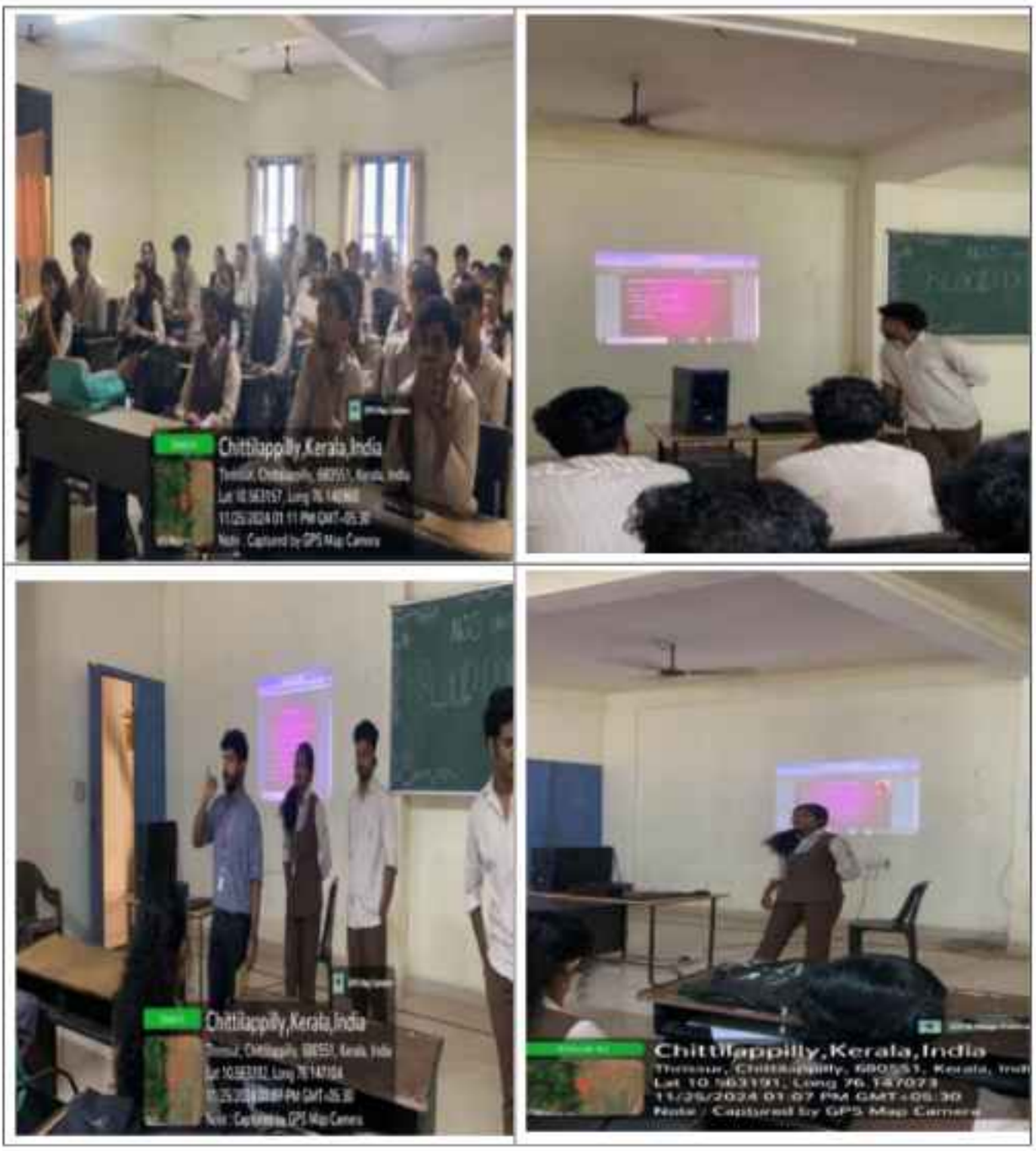
Date	25-2-2025	Duration	4 hrs	No of volunteers Participated: 21
Title of Program	Sanjeevanam blood donation camp			
Highlights of program	NSS Unit 186, IES College of Engineering, successfully organized a Voluntary Blood Donation Camp in association with the Blood Centre, Government Medical College, Thrissur, on February 25, 2025. A total of 70 students and staff members registered for the camp, and 53 donors generously donated their blood. All donors were provided with refreshments, and we appreciate the enthusiasm and kindness of our donors and look forward to future community service initiatives.			



IES COLLEGE OF ENGINEERING

Unit Number:186

Date	26-11-2024	Duration	3 hrs	No of volunteers Participated:
Title of Program	Blood Donation Awareness Program			
Highlights of program	The NSS Unit 186 of IES College of Engineering conducted a blood donation awareness program, enlightening participants about the significance and process of blood donation. Volunteers provided detailed information on the entire donation process, covering pre-donation procedures, the actual donation process, and post-donation care. This initiative aimed to encourage voluntary blood donation and promote culture of social responsibility among the attendee			



IES COLLEGE OF ENGINEERING

Unit Number:186

Date	14-12-2024	Duration	3 hrs	No of volunteers Participated:
Title of Program	Ice Breaking Session			
Highlights of program	NSS Unit No. 186 of IES College of Engineering conducted an engaging **Ice Breaking Session** to foster interaction, teamwork, and bonding among newly enrolled volunteers. The session aimed to create a friendly and inclusive environment, helping participants get to know each other and feel comfortable as part of the NSS family. The program included **fun activities, group games, and interactive discussions** designed to enhance communication skills, build trust, and encourage collaboration. It served as a perfect start for volunteers to connect, share ideas, and develop a spirit of unity and service. This session reflected the NSS vision of nurturing confident, socially aware, and team-oriented individuals.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	17-12-2024	Duration	2 hrs	No of volunteers Participated:
Title of Program	NSS orientation class			
Highlights of program	NSS Unit No. 186 of IES College of Engineering conducted an Orientation Class for volunteers to introduce them to the objectives, structure, and activities of the National Service Scheme (NSS). It was handled by Sijo George sir. The session aimed to instill the core values of NSS, including social responsibility, leadership, and community service. During the class, students were briefed on the history of NSS, volunteer duties, upcoming programs, and the significance of the NSS motto, "Not Me, But You." The orientation also featured motivational talks and interactive sessions to inspire active participation in future initiatives. The program successfully laid the foundation for building a committed and socially aware team of NSS volunteers.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	28-12-2024	Duration	3 hrs	No of volunteers Participated:
Title of Program	ORIENTATION-ENERGY CELL			
Highlights of program	An Energy Cell Orientation Class was successfully conducted on 28th December 2024 as part of our efforts to promote energy awareness and sustainability among students. The session was led by Mr. Shalbin Benny, who served as the resource person for the day.The orientation provided valuable insights into the objectives and functioning of the Energy Cell, highlighting the importance of energy conservation, renewable resources, and student involvement in green initiatives. Mr. Shalbin Benny's session was both informative and inspiring, encouraging students to actively participate in future energy-related programs and projects. The event marked an important step toward building a responsible and eco-conscious campus community.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	27-12-2024	Duration	3 hrs	No of volunteers Participated:
Title of Program	ORIENTATION PROGRAM-RUDHIRASENA			
Highlights of program	An orientation program for Rudhirasena, the blood donation volunteer team, was conducted on 27th December 2024. The session was led by Mr. Aswin Prakash, who provided an in-depth introduction to the mission, responsibilities, and impact of Rudhirasena.The orientation aimed to motivate and prepare student volunteers to take an active role in promoting blood donation and coordinating donor services during emergencies. Mr. Aswin Prakash shared real-life experiences and practical guidance that inspired participants to serve with dedication and compassion.The program served as a meaningful beginning for new members, reinforcing the spirit of humanity and volunteerism at the heart of Rudhirasena's mission.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	29-12-2024	Duration	3 hrs	No of volunteers Participated:
Title of Program	NRPF – Natural Resource Protection Force Orientation Class			
Highlights of program	An orientation session for the Natural Resource Protection Force (NRPF) was conducted on 29th December 2024, with the objective of sensitizing students about the importance of environmental conservation and sustainable practices. The session was led by Mr. Thareehul Faris, the Regional Coordinator of NRPF.During the session, Mr. Thareehul Faris,provided a comprehensive overview of NRPF's mission, key activities, and the role of student volunteers in protecting natural resources. He emphasized the need for youth involvement in safeguarding the environment and shared strategies for effective resource management and community participation.The session was highly engaging and informative, inspiring the participants to commit themselves to eco-friendly practices and active environmental stewardship through NRPF initiatives.			

IES COLLEGE OF ENGINEERING

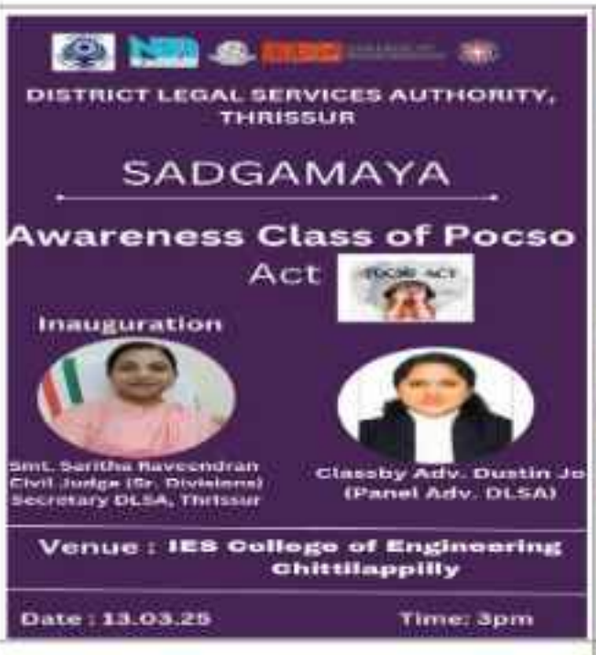
Unit Number:186

Date	07-03-2025	Duration	3 hrs	No of volunteers Participated:
Title of Program	International Women's Day Orientation Class			
Highlights of program	NSS Unit 186 of IES College of Engineering, Chittilappilly, Thrissur, conducted a self-defence class on March 7, ahead of International Women's Day on March 8. The program, led by the Assistant Sub-Inspector of Police, Thrissur City Police, and Senior Civil Police Officer, saw active participation from teachers and NSS volunteers. The session imparted valuable self-defence skills, empowering participants, and instilling confidence. As the police officers aptly put it, "Being strong means never having to be afraid." The hands-on training and demonstrations equipped the attendees with effective techniques to protect themselves.			

IES COLLEGE OF ENGINEERING

Unit Number:186

Date	13-03-2025	Duration	4 hrs	No of volunteers Participated:
Title of Program	Legal Awareness Class - POCSO			
Highlights of program	NSS Unit No. 186 of IES College of Engineering organized a **Legal Awareness Class** for volunteers, led by **Smt. Saritha Raveendran**, a respected legal expert. The session aimed to educate students about their **fundamental rights, legal responsibilities, and key aspects of the Indian legal system**, with a focus on youth-related issues. The class covered important topics such as **cyber laws, women's rights, consumer protection, and legal aid services**, empowering volunteers with knowledge to act responsibly and support legal literacy within their communities. The interactive nature of the session encouraged active participation and thoughtful discussions.This initiative reflected the NSS commitment to developing informed, responsible, and socially aware citizens.				



IES COLLEGE OF ENGINEERING
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Approved by AICTE, New Delhi & Affiliated to APJ Abdul Kalaam Technological University

TRAINING AND PLACEMENT CELL

S.NO	ACTIVITIES /WORKSHOPS	REMARKS
1	Codevita	Code Vita registrations CS-33 EC -15
2	ASAP (govt of kerala)	
3	Reliance Industries Limited (RIL) (Graduate engineering training program)	Oct 6th
4	HR Training and Mock Interview	28/9/2024
5	KKEM program	########
6	S5 database completion	completed
7	Resume preparation and Collection Status of S5 students	completed
8	TCS registration	21/10/2024
9	Focus areas for Aptitude tests	ongoing with final years
10	L& T post forward ed	
11	Initiative for internships/ placements in Kerala companies	Ongoing ....
12	Mock interviews for final years	Continuing....
13	Delta X	placement process on 8th November
14	NXT Wave (employbility test)	26th Oct & 27th Oct
	CADD International BIM EXPO	25th Oct
15	Resume preparation	2022 , 2023, 2024 batch covered
16	AICTE APNA JOB CAREER PORTAL	Workshop 27/7/2024
	FLIPKART GRID 6.0	Internship 36 students completed 1st level
	SOTI NEXTGEN campus recruitment	hiring (not selected)
	LINKEDIN WORKSHOP	COMPLETED
	ASAP ASPIRE 2024	1 Registered
	SHREDS	13 CSE students registered
	MOCK PLACEMENT TEST	29/7/2024
	Software trainee (Zuike)	Kevin manjila - student cs S7
	INTERNSHIPS Mechinex	Ajay krishna , Mrinal ML, Thomas Dixon
		(ec S7 students)
	INTERNSHIPS Technologics Global	Gopika , Sania , CS 7

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TRAINING AND PLACEMENT CELL

NOV 2024 - JAN 2025

Month	DETAILS	Initiated by	REMARKS
NOV	Delta X Conducted exam	TPO - Dr.Senathipathi	2024 batch attended ,No students selected
NOV	Sutherland	IESCE	process initiated
NOV	Bootlabs	TPO - Dr.Senathipathi	12 students attended ,none selected
NOV	Indus motors	IESCE	All students placed (2024 mech)
DEC	Tech mahindra	TPO - Dr.Senathipathi	52 students shortlisted , final interview march 2025
DEC	Pick Your Trail	TPO - Dr.Senathipathi	11 students shortlisted , 1 student selected (CS), but eliminated in last round
DEC	Mernstack Orientation	IESCE	CS & EC Pre-final years
DEC	CADD Piecement drive	IESCE	Final year CE Students
JAN	Mernstack Training (On - Campus)	IESCE	CS & EC Pre-final years
JAN	Placement Mock Interview (EDUNET)	IESCE	CS & EC Pre-final years
JAN	Intellipaat	TPO - Dr.Senathipathi	Two student placed (CS)
JAN	Edunet Employability Skills 3 days	IESCE	CS & EC Pre-final years
JAN	Movate	TPO - Dr.Senathipathi	ongoing (CS EC EEE 2024 BATCH)
JAN	Electrifex	IESCE	Waiting for interview date
JAN	Technologics	IESCE	completed by S6EEE- 2 students selected for intership
JAN	Manifold (paid training	IESCE	Ongoing
JAN	Pentagon Spoace	TPO - Dr.Senathipathi	In process for february event
JAN	Eqsoft	Dept - CS	1 student received offer letter (CS 2024 BATCH_)
JAN	Zuike Infotech	Dept - CS	1 student received offer letter (CS 2024 BATCH_)
JAN	MTTC	IESCE	13 student received offer letter to be onborded after paid training (EEE 2024 BATCH)
JAN	Cloud soft	Dept - EC	1 student received offer letter
JAN	TALROP	IESCE	In Process for February event
JAN	WINSTRA Constructions	IESCE	In Process for February event

TRAINING AND PLACEMENT CELL NOV 2024 - JAN 2025

Month	DETAILS	Initiated by	REMARKS
NOV	Delta X Conducted exam	TPO - Dr.Senathipathi	2024 batch attended ,No students selected
NOV	Sutherland	IESCE	process initiated
NOV	Bootlabs	TPO - Dr.Senathipathi	12 students attended ,none selected
NOV	Indus motors	IESCE	All students placed (2024 mech)
DEC	Tech mahindra	TPO - Dr.Senathipathi	62 students shortlisted , final interview march 2025
DEC	Pick Your Trail	TPO - Dr.Senathipathi	11 students shortlisted , 1 student selected (CS), but eliminated in last round
DEC	Memstack Orientation	IESCE	CS & EC Pre-final years
DEC	CADD Piecement drive	IESCE	Final year CE Students
JAN	Memstack Training (On - Campus)	IESCE	CS & EC Pre-final years
JAN	Placement Mock interview (EDUNET)	IESCE	CS & EC Pre-final years
JAN	Intellipaat	TPO - Dr.Senathipathi	Two student placed (CS)
JAN	Edunet Employability Skills 3 days	IESCE	CS & EC Pre-final years
JAN	Movate	TPO - Dr.Senathipathi	ongoing (CS EC EEE 2024 BATCH)
JAN	Electrifex	IESCE	Waiting for interview date
JAN	Technologics	IESCE	completed by S6EEE- 2 students selected for interships
JAN	Manifold (paid training	IESCE	Ongoing
JAN	Pentagon Spoace	TPO - Dr.Senathipathi	In process for february event
JAN	Eqsoft	Dept - CS	1 student received offer letter (CS 2024 BATCH)
JAN	Zuike Infotech	Dept - CS	1 student received offer letter (CS 2024 BATCH)
JAN	MTTC	IESCE	13 student received offer letter to be onbonded after paid training (EEE 2024 BATCH)
JAN	Cloud soft	Dept - EC	1 student received offer letter
JAN	TALROP	IESCE	In Process for February event
JAN	WINSTRA Constructions	IESCE	In Process for February event

TRAINING AND PLACEMENT CELL

NOV 2024 - JAN 2025

S.NO	Month	DETAILS	Initiated by	REMARKS
1	NOVEMBER	Delta X Conducted exam	TPO - Dr.Senathipathi	2024 batch attended ,No students selected
2	nOVEMBER	Sutherland	IESCE	process initiated
3	NOVEMBER	Bootlabs	TPO - Dr.Senathipathi	12 students attended ,none selected
4	NOVEMBER	Indus motors	IESCE	All students placed (2024 mech)
5	DECEMBER	Tech mahindra	TPO - Dr.Senathipathi	52 students shortlisted , final interview march 2025
6	DECEMBER	Pick Your Trail	TPO - Dr.Senathipathi	11 students shortlisted , 1 student selected (CS), but eliminated in last round
7	DECEMBER	Mernstack Orientation	IESCE	CS & EC Pre-final years
8	DECEMBER	CADD Plecement drive	IESCE	Final year CE Students
9	JANUARY	Mernstack Training (On - Campus)	IESCE	CS & EC Pre-final years
10	JANUARY	Placement Mock interview (EDUNET) On - campus	IESCE	CS & EC Pre-final years
11	JANUARY	Intellipaat	TPO - Dr.Senathipathi	Two student placed (CS)
12	JANUARY	Edunet Employability Skills (3 days session)	IESCE	CS & EC Pre-final years
13	JANUARY	Movate	TPO - Dr.Senathipathi	ongoing (CS EC EEE 2024 BATCH)
14	JANUARY	Electrifex	IESCE	Waiting for interview date
15	JANUARY	Technologics	IESCE	completed by S6EEE- 2 students selected for interships and further onboarding after successful completion
16	JANUARY	Manifold (paid training	IESCE	Ongoing
17	JANUARY	Pentagon Spoace	TPO - Dr.Senathipathi	In process for february event
18	JANUARY	Eqsoft	Dept - CS	1 student received offer letter (CS 2024 BATCH)
19	JANUARY	Zuike Infotech	Dept - CS	1 student received offer letter (CS 2024 BATCH)
20	JANUARY	MTTC	IESCE	13 student received offer letter to be onborded after paid training (EEE 2024 BATCH)
21	JANUARY	Cloud soft	Dept - EC	1 student received offer letter
22	JANUARY	TALROP	IESCE	In Process for February event
23	JANUARY	WINSTRA Constructions	IESCE	In Process for February event

HOD TPO 10/2/2025

Prabhavathi.P

TRAINING AND PLACEMENT CELL

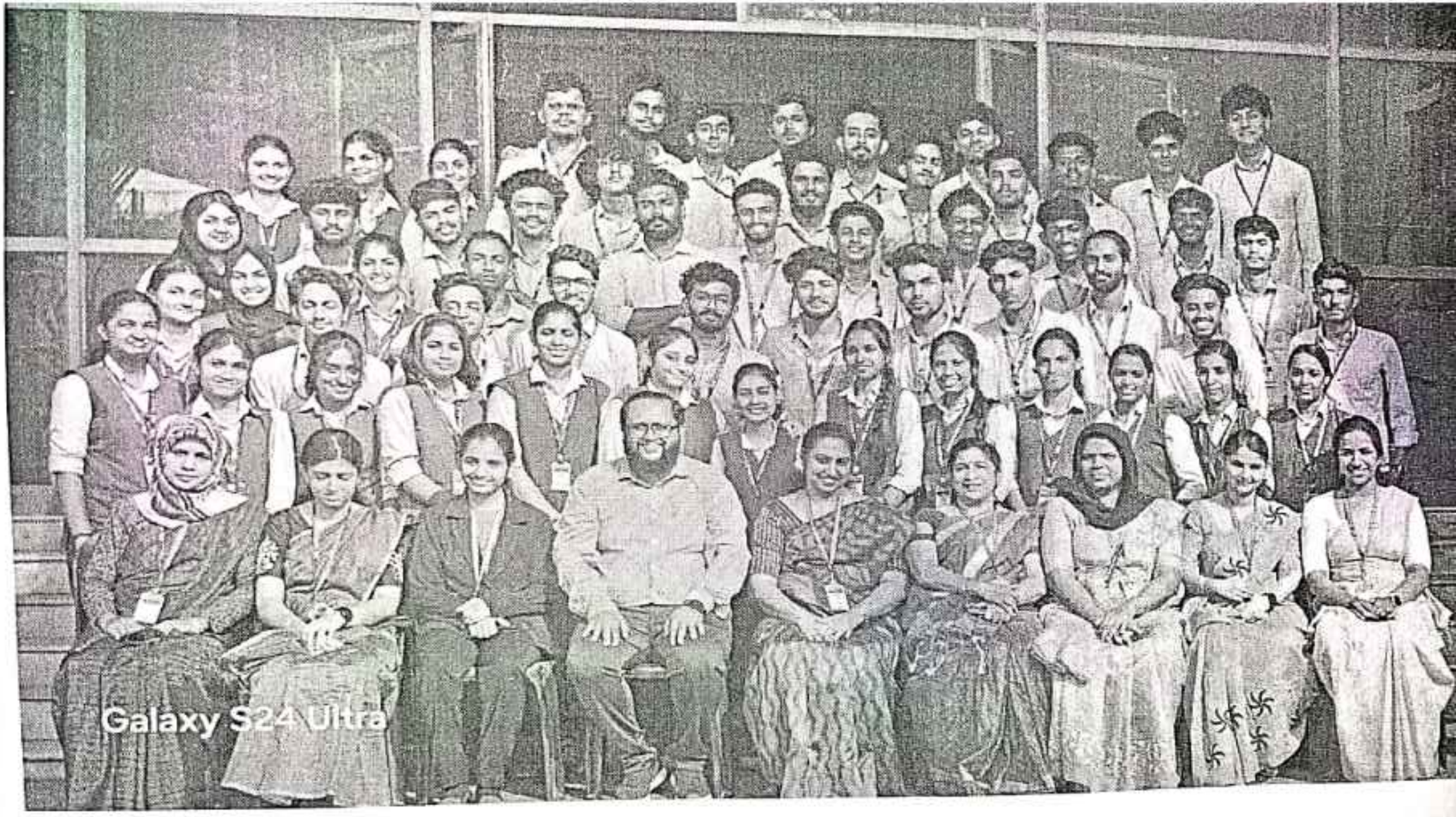
JULY- OCTOBER 2024

Month	DETAILS	DETAILS OF ACTIVITIES /WORKSHOPS
JULY	AICTE APNA JOB CAREER PORTAL	Workshop -27/7/2024
JULY	FLIPKART GRID 6.0	Internship-36 students completed 1st level
JULY	MOCK PLACEMENT TEST for final years -batch 2025	29/7/2024
AUG	SOTI NEXTGEN campus recruitment	hiring (not selected)
AUG	LINKEDIN WORKSHOP	PLANNED
AUG	ASAP ASPIRE 2024	1 Registered
AUG	PLACEMENT TRAINING- out sourced	EC&CS -30 students 9th &16thAugust.2024
AUG	NXT Wave	gen AI workshop conducted on 10th August , 2024
AUG	Software trainee (Zuike)	Kevin manjila - student cs S7-slected
AUG	INTERNSHIPS Mechinex	Ajay krishna , Mrinal ML, Thomas Dixon (ec S7 students)
AUG	INTERNSHIPS Technologics Global	Gopika , Sania , CS 7
AUG	PLACEMENT TRAINING & MERN STACK EY CSR	PLANNED
AUG	CADD International BIM	CE 7students attended
SEPT	TCS registration	NQT registrations started
SEPT	SHREDS	13 CSE students ATTEMPTED 26/9/2024
SEPT	HR Training and Mock Interview-	28/9/2024 By Dr Senathipathi & Team
OCT	Reliance Industries Limited (RIL) (Graduate engineering training program)	four ME7students registered
OCT	ASAP (govt of kerala)-Globalo employability test	Oct 6th
OCT	TCS Codevita	Code Vita registrations almost 200 students registered
OCT	Kerala Knolwledge EconomyMission program	9/10/2024- final years particpated
OCT	S5 database completion	completed
OCT	Resume preparation and Collection Status of S5 students	completed
OCT	Focus areas for Aptitude tests	ongoing with final years
OCT	Initiative for internships/ placements in Kerala companies	Ongoing ....
OCT	Mock interviews for final years	Continuing....
OCT	Plcement summit	Asst TPO & CSE Hod attended on 19th October
OCT	Delta X	Online placement process on 8th November
OCT	Delta X training - Inhouse	Training on 24th , 25th October and 2nd November
OCT	NXT Wave (employbility test)	26th Oct & 27th Oct
OCT	CADD International BIM EXPO	25th Oct- attended by 11 faculty from placement, CE, EEE &ME
OCT	Resume preparation	2022 , 2023, 2024 batch covered
NOV	Delta X Conducted exam	2024 batch attended
NOV	PAICK YOUT TRAIL	process initiated
NOV	Suthemland	process initiated
NOV	Bootlabs	conducted exam (waiting for result)
NOV	Indus motors	process initiated (2024 mech students)

TRAINING AND PLACEMENT CELL

FEB- APRIL 2025

Month	Initiated by	DETAILS	REMARKS
FEBRUARY	DEPT - CIVIL	WINFRA CONDUCTED INTERVIEW	6 Students were Shortlisted
	IESCE	ELECTRIFEX @ INFOPARK	26 Students attended interview on 18th Feb but none selected
	IESCE	INFOSYS	3 Students attended interview @rajagiri college on 18th feb
	IESCE	PENTAGON SPACE	Online interview @ IESCE On 17th feb
	IESCE	EY GDS Next gen internship	6 week internship program for s6 EC&CS students by EDUNET
	IESCE	SUTHERLAND	Interview held on 19th feb , 25 students were selected
MARCH	IESCE	DWMS Training	Final years(Ongoing)
	TPO - Dr.Senathipathi	TCS Training& mock interview/CODING Test	TCSmock interview for S8 studentsand coding test CS EC EEE MECH s6 students
	IESCE	TALROP on campus drive	Interview held on 6th march, 2 students were selected
	IESCE	NQT Test	conducted on 15th march
APRIL	EDUNET	Project SubmissionTraining (On - Campus)	Special request training for CS & EC Pre-final years
	IESCE	career Path (Online)	In association with Wipro& IIThyderabad
	IESCE	AIMRI	2 students selected



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Galaxy S24 Ultra

Date: 17 April 2025

To

Edunet Foundation
901, Unitech Commercial Tower II,
Sector 45, Gurgaon 122003

Subject: Appreciation letter for implementing the Next Gen Employability program in IES College of Engineering by Edunet Foundation in collaboration with EY GDS.

Dear Sir/Ma'am,

I am writing to express my appreciation to Edunet Foundation for implementing training under the Next Gen Employability Program for the academic year 2024 – 2025. The program helped the institution and students in bridging the gap between industry and higher education by introducing Industry 4.0 skills through an experiential and hands-on training program. The program focused on the MERN Stack and employability skills, which helped the students to prepare them for the world of work.

Overall, 113 number of students enrolled for the training program and 103 students completed the training program.

Once again, I would like to express my gratitude to Edunet Foundation and EY GDS for your support.

Regards

I.E.S. COLLEGE OF ENGINEERING
P.O. Chittilappilly
Thrissur-680 551

Signature with college seal

Name of the SPOC - Prabhavathi P

Designation Asst TPO, IESCE.

21/4/25

IES COLLEGE OF ENGINEERING

(An Engineering College Promoted by the Ideal Educational Society)
Approved by AICTE, New Delhi & Affiliated to A.P.J. Abdul Kalam Technological University

Date: 23 April 2025

To

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Sector 45, Gurgaon 122003

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Regards

Ms. Prabhavathi. P 23/4/2025
ATPO , IES College of Engineering

I.E.S. COLLEGE OF ENGINEERING
P.O. Chittilappilly
Thrissur-680 551

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