



**AL AZHAR COLLEGE OF
ENGINEERING & TECHNOLOGY,
THODUPUZHA**



**INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE**



IEDC ACTIVITY REPORT 2023-24

Name of the Coordinators:

IEDC Coordinators: ASHAMOL JOSEPH (Nodal Officer)

STENU SHAJI(Asst. Nodal Officer)

ACTIVITIES CONDUCTED DURING 2023-24

ACTIVITY 1: ENGINEER'S DAY CELEBRATION

Academic Year : 2023-2024
Coordinated by : IMHOTEP-Civil Association & IEDC
Name of the Event : Engineer's day
Date : 15-09-2023
Venue : Seminar hall – AACET



Poster Of The Event



Key Speaker- Mr. Eldhose P Sim



Mr. Eldhose interacting with the students

On September 15, 2023, Al Azhar College of Engineering and Technology, Thodupuzha celebrated Engineers' Day with great fervor. IMHOTEP, The Civil Association &IEDDC orchestrated a seminar focused on the theme "**Startup and its Opportunities across the Globe.**" The seminar aimed to provide insights into the realm of startups and the abundant opportunities available globally. The event was held at the college premises and saw enthusiastic participation from students, faculty, and distinguished guests. The key speaker for the program was Mr. Eldhose P Sim, the regional mentor of Kerala State Industrial Development Corporation.

The event commenced with a warm and gracious welcome extended by Ms. Nidhu Cherian, Head of the Department of Civil Engineering, who delivered the welcome speech. She emphasized the importance of entrepreneurship and innovation, underlining how startups play a vital role in shaping the future of engineering and technology.

Mr. Eldhose P Sim, the distinguished guest and keynote speaker, captivated the audience with his deep insights into the world of startups and the vast array of opportunities they present globally. He shared success stories, challenges, and strategies for aspiring entrepreneurs. Mr. Sim's session was highly engaging and provided valuable guidance to the engineering students present.

The seminar included interactive sessions and a Q&A segment, where students actively participated, seeking advice and clarification from Mr. Eldhose P Sim. As the event came to a close, Ms. Ann Emie Joseph T, Assistant Professor of Civil Engineering, delivered the vote of thanks. She expressed sincere gratitude to Mr. Eldhose P Sim for sharing his expertise and knowledge with the audience. The Engineers' Day celebration at AACET left a lasting impact on the students, motivating them to explore entrepreneurial ventures and make a mark in the world of startups and technology.

ACTIVITY 2: DEPARTMENT EVENT
(TECHNICAL TALK ON AI AND ML FOR A SMARTER FUTURE)

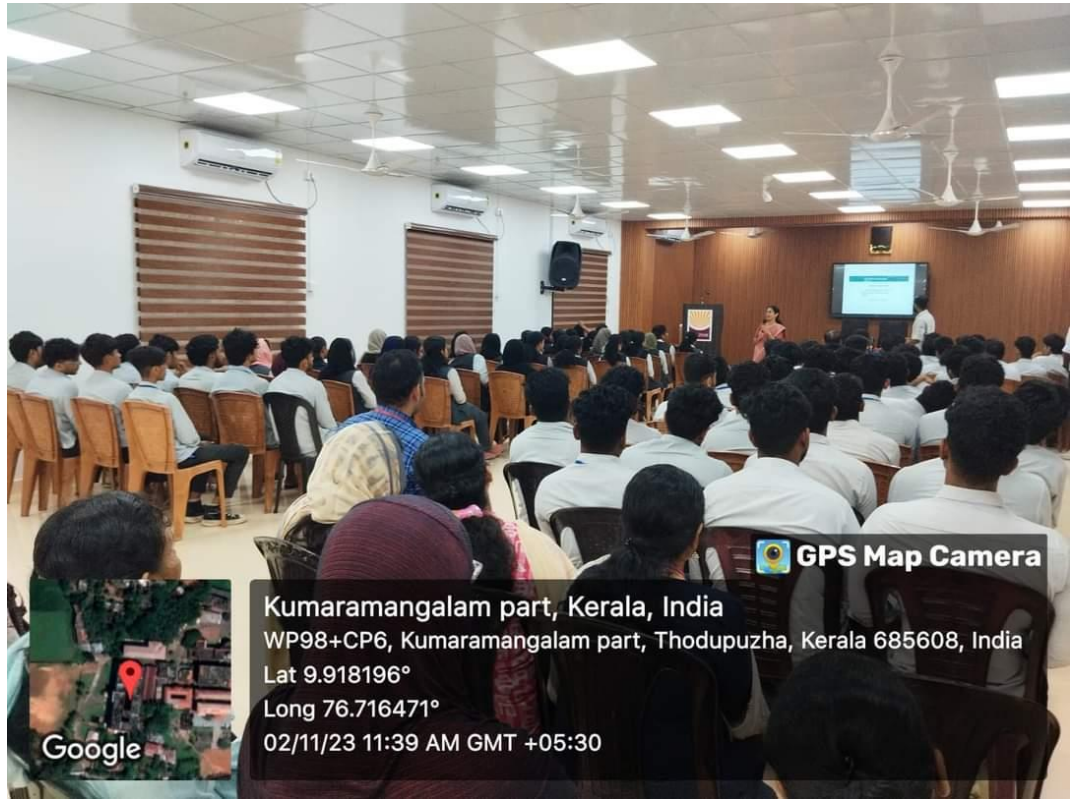
Academic Year : 2023-2024
Coordinated by : Association with IQAC & IEDC
Name of the Event : Technical talk on AI and ML
Date : 02-11-2023
Venue : Seminar hall – AACET

The poster is for a technical talk event. At the top left, the word "TECHNICAL" is written in bold white letters on a yellow rectangular background. To its right is the logo for Al-Azhar College of Engineering and Technology, which includes a sunburst icon and the text "AL-AZHAR COLLEGE OF ENGINEERING AND TECHNOLOGY". Below this, the title "TALK ON AI And ML For A Smarter Future" is displayed in large, bold white font. Underneath the title, it says "CSE & ECE DEPARTMENTS ASSOCIATION". The event details are listed in a yellow section: "THURSDAY 02 NOVEMBER 23" with a calendar icon, "TIME 11:00 - 12:45 PM" with a clock icon, and "VENUE SEMINAR HALL" with a location pin icon. A circular portrait of the speaker, Dr. Bindu Krishnan, is shown on the right side. Below the portrait, her name and title "Senior Statistician, Data & AI, IBM India Software Labs Kochi" are listed. At the bottom, it says "IN ASSOCIATION WITH IQAC & IEDC" and features a decorative graphic of five slanted yellow lines.

Poster of the event



The entire Al azhar team with keynote speaker Bindu Kishnan



Interaction of Bindu Krishnan with students



Moment of gratitude for the wonderful technical talk

The Department of Electronics and Communication Engineering (ECE) and the Department of Computer Science Engineering (CSE), in association with IQAC and IEDC, jointly conducted a technical talk on "Artificial Intelligence and Machine Learning for a Smarter Future" on 2nd November 2023 in the College Seminar Hall. The session was led by Dr. Bindu Krishnan, Senior Statistician, Data and AI, IBM India Software Labs, Kochi. The event was inaugurated by the college Principal, Dr. D. F. Melvin Jose, and attended by the department heads. The aim was to promote awareness and knowledge about ECE and CSE to the broader community and provide a forum to explore the future scope of AI in both branches.

ACTIVITY 3: INTRACOLLEGE IDEATHON 2023

Academic Year	:	2023-2024
Coordinated by	:	Association with IEDC
Name of the Event	:	Intracollege Ideathon (Paper Presentation)
Date	:	07-11-2023
Venue	:	Seminar hall – AACET

AL-AZHAR
COLLEGE OF ENGINEERING
AND TECHNOLOGY

IEDC

**INTRA COLLEGE
IDEATHON 2023
IN ASSOCIATION WITH
IEDC**

Phase 1
Unique Idea
Submission

Phase 2
Idea
Scrutinization

Phase 3
Final
Evaluation

2
3K

1
5K

3
2K

**LAST DATE OF
ABSTRACT SUBMISSION**
10.10.2023

**RESULT OF
FIRST ROUND**
13.10.2023

FINAL ROUND
20.10.2023

☎ 7306815311 , 9605517349
✉ iedcaacet@gmail.com

www.alazharthodupuzha.org

Poster of the event



Students presenting their innovative ideas

Intercollege Ideathon 2023, organized by the IEDC Cell of Al Azhar College of Engineering and Technology, received over 40 innovative ideas. The program was inaugurated by the college principal, Dr. D. F. Melvin Jose. The event consisted of three phases: the first was unique idea submission, the second was idea scrutiny, and the third phase was the final evaluation. From these, 11 ideas were shortlisted and presented on 7th November 2023. Three ideas were selected for the First, Second, and third positions.

ACTIVITY 4: INTRACOLLEGE IDEATHON AWARD CEREMONY 2023

Academic Year	:	2023-2024
Coordinated by	:	Association with IEDC
Name of the Event	:	Intracollege Ideathon Award Ceremony
Date	:	20-11-2023
Venue	:	Seminar hall – AACET



Poster of the event



Speech by Principal Dr. D. F. Melvin Jose regarding the event



Inaugural speech by Adv. K. M. Mijas, Managing Director



Presenting awards to participants of the event

The award function was held on 20th November 2023 at the College Seminar Hall. Prof. (Dr.) Robinet Jacob, Director of the Innovation Foundation at Mahatma Gandhi University, was the chief guest. He provided valuable insights to all the students. The event, organized in association with IEDC, was inaugurated by Adv. K. M. Mijas, Managing Director of the Al Azhar Group of Institutions. The function was also attended by other dignitaries, including the Principal, Academic Dean, and Heads of all departments.

ACTIVITY 5: ONE DAY SEMINAR ON TOPIC ‘INTERIOR DESIGNING AS A PASSION AND PROFESSION’

Academic Year : 2023-2024
Coordinated by : IMHOTEP-Civil Association & IEDC
Topic of the Seminar : Interior Designing as a Passion and Profession
Date : 13-02-2024
Venue : Seminar hall – AACET

AL-AZHAR
COLLEGE OF ENGINEERING
AND TECHNOLOGY

ONE DAY SEMINAR

**TOPIC: INTERIOR DESIGNING
AS A PASSION AND PROFESSION**

IN ASSOCIATION WITH IMHOTEP, CIVIL ENGINEERING ASSOCIATION & IEDC

KEY SPEAKER:

Anwar Sajeeb
BUSINESS DEVELOPMENT MANAGER
D-ZIGN GROUP OF INSTITUTIONS, PALARIVATTOM, COCHIN

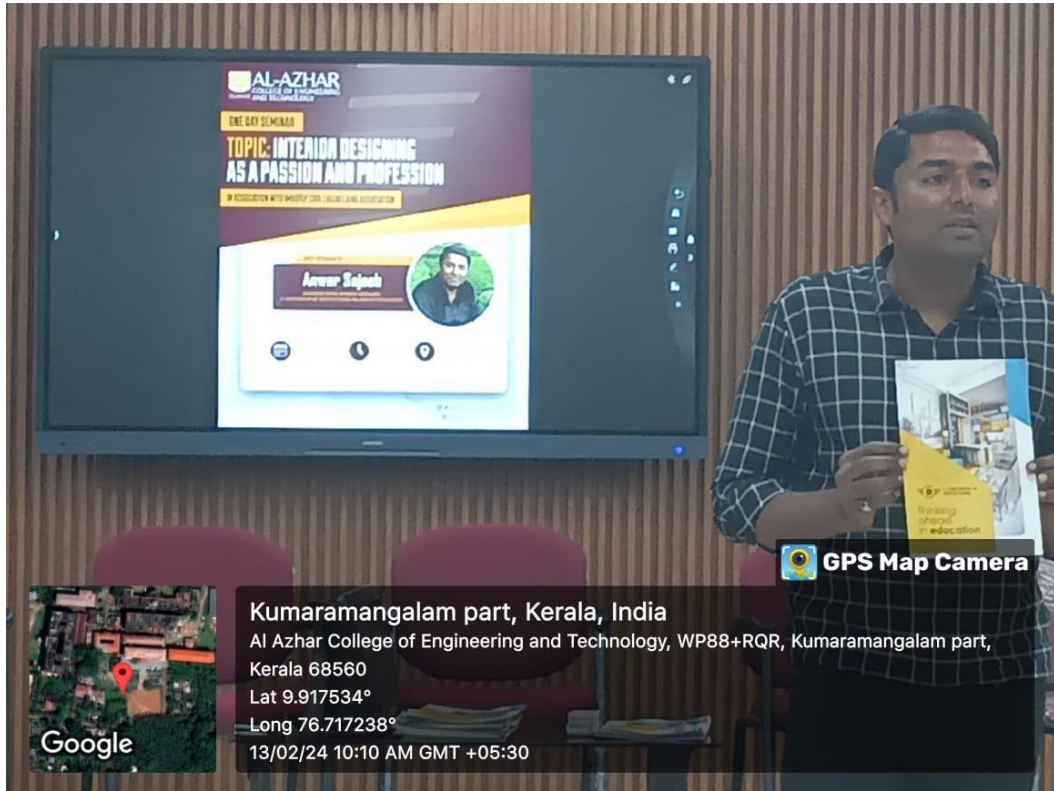
**TUESDAY
13th FEBRUARY
2024**

10.00am

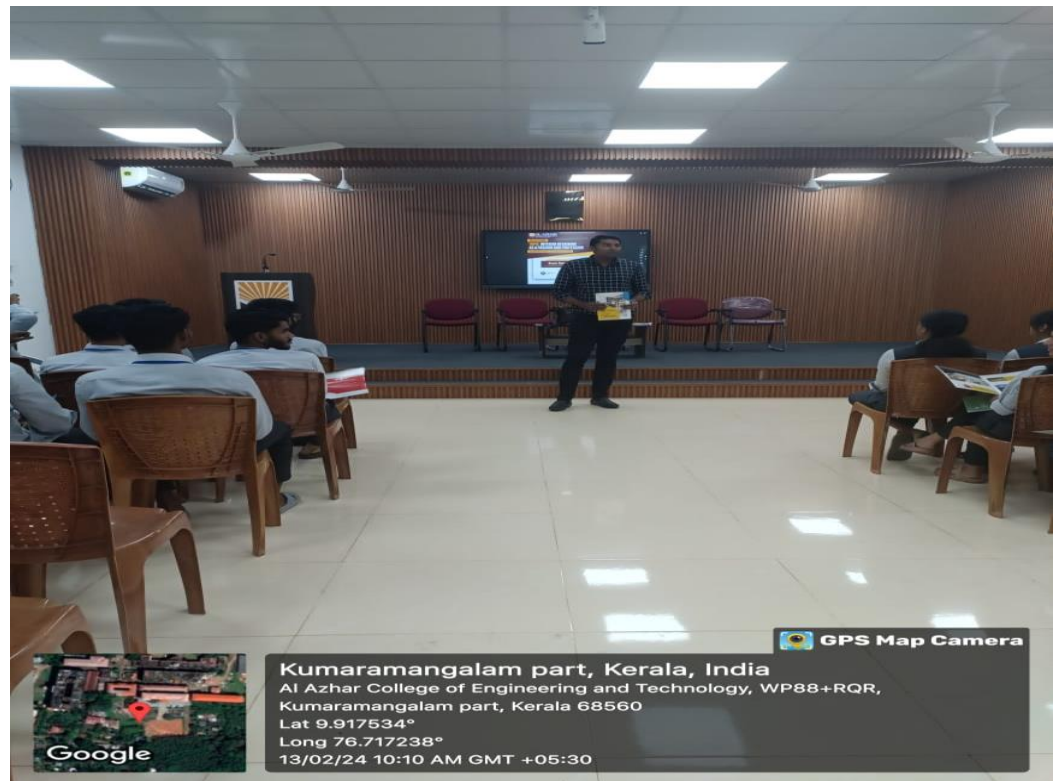
SEMINAR HALL

@alazhargroupofinstitutions
www.alazharthodupuzha.org

Poster of the event



Key Speaker- Mr. Anwar Sajeeb



Mr. Anwar interacting with the students

On 13th February 2024, the Civil association IMHOTEP & IEDC of Al Azhar College of Engineering and Technology organized a seminar on "Interior Designing as a Passion and Profession." The seminar aimed to provide insights into the field of interior designing as both a passion and a career choice for students. The seminar was attended by faculty members and students interested in interior design.

The keynote speaker for the seminar was Mr. Anwar Sajeeb, the Business Development Manager at D-Zign Group of Institutions, Cochin. Mr. Sajeeb is a renowned expert in the field of interior designing with extensive experience in both the creative and business aspects of the industry. The seminar commenced with a warm welcome address by Mr. Asif P S, a student pursuing S8 CE. He extended his heartfelt greetings to all attendees and expressed his excitement about the enlightening sessions that awaited.

Mr. Anwar Sajeeb captivated the audience with his enriching keynote address, delving into the nuances of interior designing as both a passion and a profession. Drawing from his vast expertise, he shared invaluable insights into the evolving trends, challenges, and opportunities within the industry. Following the keynote address, an interactive session ensued, providing attendees with a platform to engage with Mr. Sajeeb. Participants eagerly posed questions and sought advice on various facets of interior design, ranging from career prospects to skill development strategies. The seminar concluded with a heartfelt vote of thanks delivered by Ms. Mrudula O Nair, another student from S8 CE. She expressed gratitude to Mr. Anwar Sajeeb for his invaluable insights, the organizers for orchestrating the event, and all attendees for their enthusiastic participation.

The seminar on "Interior Designing as a Passion and Profession" proved to be an enriching and insightful experience for all attendees. With the guidance of Mr. Anwar Sajeeb and the active participation of students and professionals alike, the event succeeded in illuminating the diverse facets of interior design and its potential as a fulfilling career path.

ACTIVITY 6: ONE DAY WEBINAR ON TOPIC UNLOCKING INTERNATIONAL PATHWAYS, EDUCATION AND CAREER OPPORTUNITIES OVERSEAS

Academic Year : 2023-2024
Coordinated by : Mechanical engineering department & IEDC
Topic of the webinar : education and career opportunities
Date : 14-02-2024
Venue : Seminar hall – AACET

The poster features the Al-Azhar College of Engineering and Technology logo at the top center. Below it, the event title is displayed in large, bold, white and orange text on a dark blue background. The organizers are listed as the Mechanical Engineering department and IEDC. On the left side, a dark blue box contains three icons: a calendar for the date (Wednesday, 14th February 2024), a clock for the time (11.00 AM), and a location pin for the venue (Seminar Hall). On the right side, two circular portraits of speakers are shown. The first is Simi Alduse Josi, CEO of Medcity International Academy. The second is Lesley Varughese, Academic Head of Medcity International Academy, Kottayam. At the bottom right, social media handles and the website URL are provided.

AL-AZHAR
COLLEGE OF ENGINEERING
AND TECHNOLOGY

UNLOCKING INTERNATIONAL PATHWAYS: EDUCATION AND CAREER OPPORTUNITIES OVERSEAS

Organized by Mechanical Engineering department & IEDC

WEDNESDAY
14th FEBRUARY
2024

11.00 AM

SEMINAR HALL

Simi Alduse Josi
CEO
Medcity International Academy

Lesley Varughese
Academic Head
Medcity International Academy, Kottayam

@alazhargroupofinstitutions
www.alazharthodupuzha.org

Poster of the event



Academic Head Lesley interacting with the students



Presenting prizes to participating the event

On February 14, 2024, the Mechanical Engineering Department and IEDC organized a webinar on education and career opportunities to raise awareness among students. The chief guests of the event were Simi Alduse Josi, CEO of Medicity International Academy, and Lesley Varughese, Academic Dean of Medicity International Academy. The webinar aimed to provide students with valuable insights into the various educational paths and career options available to them, emphasizing the importance of staying informed and making well-considered decisions for their futures. The speakers shared their expertise and experiences, encouraging students to explore diverse opportunities and strive for excellence in their chosen fields.

ACTIVITY 6: ONE DAY SEMINAR ON TOPIC ‘CONVENTIONAL BUILDING DESIGNING VS. BUILDING INFORMATION MODELING (BIM)’

Academic Year : 2023-2024
Coordinated by : IMHOTEP-Civil Association & IEDC
Topic of the Seminar (BIM) : Conventional Building Designing vs. Building Information Modeling
Date : 12-03-2024
Venue : Seminar hall – AACET



Poster of the event



Key Speaker- Mr. Akhil Babu



Mr. Akhil interacting with the students

On 12th March 2024, the Civil Association IMHOTEP & IEDC of Al Azhar College of Engineering and Technology hosted a thought-provoking seminar on "Conventional Building Designing vs. Building Information Modeling (BIM)." The seminar aimed to explore the differences between traditional methods of building design and the revolutionary approach offered by Building Information Modeling. It attracted participation from faculty members, students, and industry professionals eager to delve into this dynamic discourse.

The seminar commenced with a warm welcome address delivered by Ms. Anuja P, a student pursuing S8 CE. She extended a cordial welcome to all attendees and set the tone for the engaging discussions that lay ahead. The seminar was honored to host Mr. Akhil Babu, the Technical Head at Solid CAD, Kottayam, as the esteemed key speaker. With his profound expertise in the realm of Building Information Modeling, Mr. Babu brought invaluable insights and perspectives to the discussion. Mr. Akhil Babu captivated the audience with his enlightening keynote address, shedding light on the fundamental differences between conventional building design practices and Building Information Modeling (BIM). He elucidated the transformative impact of BIM on the architectural, engineering, and construction industries, emphasizing its role in enhancing efficiency, collaboration, and sustainability.

Following the keynote address, an interactive session ensued, providing attendees with a platform to engage with Mr. Akhil Babu. Participants eagerly posed questions and sought clarification on various aspects of BIM implementation, its benefits, and potential challenges. The seminar featured insightful case studies and practical demonstrations showcasing the real-world applications of BIM in diverse construction projects. Attendees gained a deeper understanding of how BIM technologies streamline design processes, optimize resource utilization, and minimize project risks.

The seminar concluded on a gracious note with a vote of thanks delivered by Mr. Anandhukrishna, another student from S8 CE. He expressed heartfelt gratitude to Mr. Akhil Babu for his invaluable contributions, the organizers for orchestrating the event seamlessly, and all participants for their active engagement.

ACTIVITY 7: WORKSHOP ON DRONE CULTIVATION

Academic Year : 2023-2024
Coordinated by : IQAC&IEDC
Name of the event : Workshop on drone cultivation
Date : 12-03-2024
Venue : Seminar hall – AACET



Poster of the event



Welcome speech by Harikrishnan M.P., Department of ECE



Inaugural speech by Dr. D. F. Melvin Jose, Principal



Keynote speaker midhul interacting with students



Demo by Ajith C. Babu, Drone Pilot

The department of ECE in association with Fuselage Innovations, IQAC and IEDC was conducted a workshop on Drone Cultivation Navigating the skies of Agri Entrepreneurship on 12 March 2024 at College Seminar Hall. The workshop aimed to provide insights into the importance of Drone Technology in Indian Agricultural sector. The event was held at the college premises and saw enthusiastic participation from students, faculty, and distinguished guests. The event was handled by Mr. Ajith C Babu, Drone pilot and Maintenance Engineer and Mr. Midhul Joshi, Jr UAV HW Engineer.

The event commenced with a warm and gracious welcome extended by Mr. Harikrishnan M P, Head of the Department of ECE, who delivered the welcome speech. He emphasized the importance of drone technology in agricultural sector and drone have a great potential to transform Indian Agriculture

Mr. Midhul Joshi, the distinguished guest and keynote speaker, captivated the audience with his deep insights into the applications of drone in agricultural sector and delivered live working demo class of drone for the students and faculties.

He shared success stories, challenges, and strategies for aspiring entrepreneurs. Mr. Midhul's session was highly engaging and provided valuable guidance to the engineering students present. The seminar included interactive sessions and a Q&A segment, where students actively participated, seeking advice and clarification from Mr. Ajith C Babu. As the event came to a close, Ms. Sainaba K Shaul, Assistant Professor of ECE, delivered the vote of thanks. She expressed sincere gratitude to Mr. Ajith and Mr. Midhul for sharing his expertise and knowledge with the audience.

CONCLUSION

We have successfully organized many events in the academic year 2023-24. Our top achievement has been the positive impact on new students. The dreams and aspirations of many students have been channeled in the right direction by our team, thereby developing their skills. We believe that much more can be achieved.

The new team is all set to redefine the Mission and Vision of IEDC AACET, building upon the foundation we have laid. With renewed energy and innovative ideas, they are ready to take our initiatives to the next level. We are confident that their efforts will continue to inspire and guide our students toward success.

We are planning to organize more events to further develop the skills of our students and nurture their ideas. By conducting various workshops, seminars, and competitions, we aim to create an environment that fosters creativity and innovation. We look forward to seeing the continued growth and development of IEDC AACET, and we are excited about the future contributions of the new team. Together, we will strive to create a brighter future for all our students.