Annual Report 2022 - 23

IEEE MEA SB - STB08091

MEA Engineering College Perinthalmanna.

By:-
Ayisha Jumaila
Secretary | IEEE MEA SB
ayishajumaila@ieee.org

www.ieeemeasb.org

INDEX

18	30th June 2022	Buzz-O-Mania Buzzer Game	44
19	30th June 2022	Doodle Art Competition - Energy for a Better Planet	43
20	1st July 2022	VTalk Season 2 : Episode 1	45
21	4th July 2022	Annual General Meeting 2022	46
22	14th July 2022	Webinar 1 - Bi-Weekly Webinar Series	47
23	19th July 2022	VTalk Season 2 : Episode 2	49
24	25th July 2022	POWERSCAPE - Webinar - Solar Photovoltaic Systems Case Studies	50
25	26th July 2022	POWERSCAPE - Webinar - Understanding a Transformer Practically	52
26	28th July 2022	POWERSCAPE - Workshop - Simulation using LTSpice	54
27	29th July 2022	POWERSCAPE - Electrobuzz Quiz Competition	56
28	30th July 2022	POWERSCAPE - Simulation Competition - Circuit Simulation Competition using LTSpice	58
29	3rd August 2022	Firewall Ideathon	60
30	30st August 2022	POWERGEX Problem Solving Competition - Offshore Drilling	62
31	29th September 2022	Block by Block	64
32	4th October 2022	Encoding in IEEEXtreme 15.0	65
33	11th October 2022	Talk Show - Webinar on Project Proposal	66
34	14th October 2022	i5 - National Technical Convention	67
35	21st October 2022	CODING FIRE- Coding Competition	74
36	22nd October 2022	ROBOSPIRE - Webinar	75
37	22nd October 2022	EPISKEVI - Workshop	76

EXECOM MEETING CONDUCTED DURING 2020-21

SL NO.	TYPE OF MEETING	MEETING AGENDA	DATE OF MEETING	Participants
1.	Execom Meeting	Annual Plan Discussion	26th March 2022	55
2.	Execom Meeting	Upcoming Event Discussion	6th March 2022	62
3.	Society Meeting (IAS)	Event Discussion	6th March 2022	8
4.	Society Meeting (IAS)	Event Discussion	7th March 2022	7
5.	Society Meeting (IAS)	Event Discussion	10th March 2022	4
6.	Society Meeting (PES)	Event Discussion	15th March 2022	8
7.	Affinity Group Meeting (SIGHT)	Event Discussion	16th March 2022	6
8.	Execom Meeting	Xtrinia 4.0	16th March 2022	63
9.	Affinity Group Meeting (WIE)	Event Discussion	20th March 2022	5
10.	Affinity Group Meeting (SIGHT)	Event Discussion	3rd April 2022	6
11.	Execom Meeting	Execom Review	4th April 2022	52
12.	Execom Meeting	Xtrinia 4.0	9th April 2022	47
13.	Society Meeting (CS)	Event Discussion	16th April 2022	7
14.	Affinity Group Meeting (WIE)	Event Discussion	18th April 2022	5

15.	Society Meeting (PES)	Event Discussion	1st May 2022	7
16.	Society Meeting (PES)	Event Discussion	3rd May 2022	8
17.	Affinity Group Meeting (SIGHT)	Event Discussion	7th May 2022	5
18.	Society Meeting (CS)	Event Discussion	11 May 2022	8
19.	Affinity Group Meeting (WIE)	Event Discussion	20th May 2022	6
20.	Execom Meeting	Xtrinia 4.0	22nd May 2022	54
21.	Affinity Group Meeting (WIE)	Event Discussion	4th June 2022	6
22.	Society Meeting (CS)	Event Discussion	16 June 2022	7
23.	Society Meeting (PES)	Event Discussion	18th June 2022	8
24.	Affinity Group Meeting (SIGHT)	Event Discussion	21st June 2022	6
25.	Society Meeting (CS)	Event Discussion	25th June 2022	6
26.	Society Meeting (CS)	Event Discussion	28 June 2022	6
27.	Society Meeting (CS)	Event Discussion	29 June 2022	8
28.	Execom Meeting	Society Updates	2nd July 2022	58
29.	Society Meeting (CS)	Event Discussion	6th July 2022	6
30.	Execom Meeting	AGM Review Meeting	8th July 2022	46
31.	Society Meeting (CS)	Event Discussion	18 July 2022	6
32.	Society Meeting (CS)	Event Discussion	19th July 2022	7
33.	Society Meeting	Event Discussion	19th July 2022	7

	(PES)			
34.	Society Meeting (PES)	Event Discussion	22nd July 2022	6
35.	Affinity Group Meeting (SIGHT)	Event Discussion	25th July 2022	4
36.	Affinity Group Meeting (SIGHT)	Event Discussion	28th July 2022	5
37.	Execom Meeting	Society Updates	17th August 2022	59
38.	Affinity Group Meeting (WIE)	Event Discussion	22nd August 2022	6
39.	Society Meeting (PES)	Event Discussion	15th September 2022	5
40.	Society Meeting (PES)	Event Discussion	19th September 2022	6
41.	Society Meeting (PES)	Event Discussion	23rd September 2022	7
42.	Society Meeting (CS)	Event Discussion	24th September 2022	8
43.	Execom Meeting	i5	26th September 2022	58
44.	Execom Meeting	i5	12th October 2022	52
45.	Execom Meeting	Envision	20th November 2022	38
46.	Execom Meeting	Magazine Updates	25th November 2022	23

Executive committee 2022-23

Mr. Jamsheer Ahmmed
Counselor

Mr. Muhammed Salah
Chair

Ms. CT Jaseera Sherin
Vice Chair

Ms. Ayisha Jumaila
Secretary

Mr. Shameemudheen MP
Treasurer

Mr. Aromal PS
Technical Coordinator

Mr. Safvan Melethil
Webmaster

Mr. Mohammed Ansar
Program committee
coordinator

Mr. Hashir Nihal
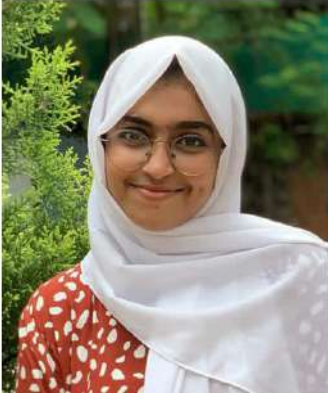Membership Development
Coordinator

Ms. Sahla Abdussalam
Joint Secretary

Ms. Ajisha T
IAS SBC Chair

Ms. Shahana Sherin
CS SBC Chair

Ms. Reema K
WIE AG Chair

Ms. Hafiz Muhammed
PES SBC Chair

Mr. Misab Ahmed
SIGHT AG Chair

Ms. PK Harsha
Link Representative

Mr. Maazin Mohammed
Electronic
Communication
Coordinator

Mr. Ajithabh Krishna
Design Lead

13th March 2022

JAM COMPETITION

Objective of Event

The objective of the Just a Minute (JAM) Video Competition is to bring out the public speaking skills of the youth.

Event Description

IEEE MEA SBC conducted a Just a Minute (JAM) Video Competition - Outdo in a Minute on 13th March 2022 on a given topic Biomimicry for Sustainable Architecture .

The competition was open to all students of various Engineering Colleges. The participants submitted their video through the google form provided.

About Guests and Delegates

The competition was judged by IEEE MEA SB. About 19 participants from different colleges actively participated in the competition.

Review | Feedback

The competition was organized with complete perfection. The participants showcased their talents in the best possible way. The competition also helped them to improve their public speaking skills.

Winners of the competition:

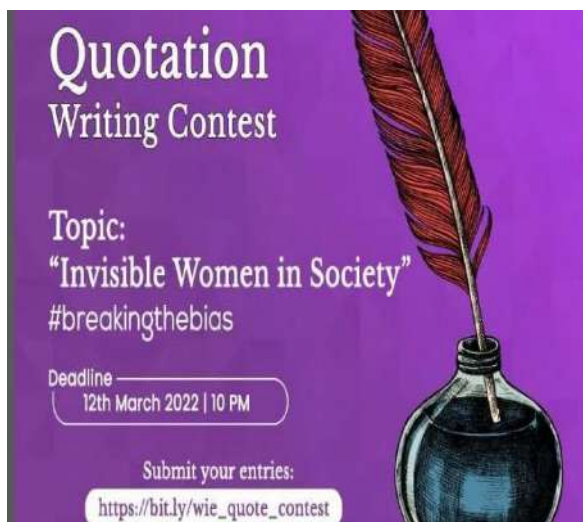1st - Nakhate Harika -LBS Institute of Technology for Women

2nd - Slvani L R -LBS Institute of Technology for Women

3rd - Shegil Ismail A P -Government Engineering College, Idukki

12th March 2022

QUOTATION- WRITING CONTEST

Google Forms

Objective of Event

The Quotation Writing Contest was conducted by IEEE WIE MEA AG in connection with international women's day.The objective of this quotation writing contest was to give the students an opportunity to showcase their talents and hence to improve their creative skills in writings

Event Description

IEEE MEA WIE AG conducted a Quotation Writing Contest on 12th March 2022.The competition was open to all students of various Engineering Colleges. The participants were asked to submit their entries through the google form on or before 12th March 2022.The competition made students aware of their abilities in writing and also encouraged them to showcase their skills in writing.

About Delegates

The competition was controlled by the members of IEEE MEA WIE AG. About 20 students from different colleges participated in the competition.

Review | Feedback

The Quotation Writing Contest was successfully conducted in the presence of esteemed delegates and IEEE MEA WIE AG.The competition was organized with complete perfection.The participants showcased their talents in the best possible way that they could have. The competition also helped them to improve their writing skills.

Winners of the competition:

1st - Jessy Willy- Viswajyothi College of Engineering and Technology

2nd - Hemanth K M- Government College of Kannur

3rd - Megha Sara Paul- Viswajyothi College of Engineering and Technology

13th March 2022

OBLIVION-TREASURE HUNT COMPETITION

Google Forms

Objective of Event

The objective of the treasure hunt competition aims to get individuals to try to complete challenges by working on it and utilizing their problem solving skills to come up with strategic plans to help complete the challenges throughout the activity.

Event Description

IEEE MEA IAS SBC conducted a Treasure Hunt Competition on 13th March 2022.The competition was open to all students of various Engineering Colleges. The participants submitted their entries through the google form provided.

The competition made students aware of their problem-solving abilities, encouraging them to devise strategic plans to assist them in completing the obstacles throughout the programme.

About Guests and Delegates

The competition was controlled by the members of IEEE MEA IAS SBC. About 35 IEEE members from different colleges participated in the competition.

Review | Feedback

The treasure hunt competition-OBLIVION was successfully conducted in the presence of esteemed delegates and IEEE MEA IAS SBC executive members.

The competition was organized with complete perfection.The participants showcased their talents in the best possible way. The competition also helped them to improve their problem solving skills.

Winners of the competition:

1st - Hridya Prasanth

Government College of Engineering Kannur

2nd - Vishal Babu

Government College of Engineering Kannur

3rd - Nadim Naisam

College of engineering, Chengannur

14th March 2022

VINCITORE-QUIZ COMPETITION

Google forms

Objective of Event

A quiz competition was conducted on the topic united nations sustainable development goals. The objective of this quiz competition was to give an opportunity to everyone in order to explore their underlying knowledge and also to provide a platform to learn more about the issues at hand.

Event Description

IEEE SIGHT MEA AG conducted a Quiz Competition on the topic 'SUSTAINABLE DEVELOPMENT GOALS' in an online mode through google forms. The competition was held on 14th March 2022 at 7:30PM IST. It was open to all students of various engineering colleges.

The competition allowed students to gain new steps of knowledge about sustainable development , in turn inspiring them to build a better society.

About Delegates

About 72 students from different colleges participated in this quiz competition.

Review | Feedback

The quiz competition was successfully conducted with an active participation of various students. IEEE SIGHT MEA AG got positive feedback from participants.

The competition helped the participants to improve their competitive skill and to explore a bundle of new knowledge.

Winners of the Competition:

1st -Adhil saeem-GEC,thrissur

2nd -Febin alexander- Albertian Institute of Science and Technology

3rd Arathy harikumar- LBS institute of technology

18th March 2022

WORDHIPPO 3.0- CROSSWORD COMPETITION

Objective of Event

The crossword competition, WordHippo 3.0 was conducted by IEEE PES MEA SBC with an objective of improving the vocabulary and problem solving skills of the students. The competition has also given an opportunity for students to improve their knowledge, grammar, spelling and the context clue fluency.

Event Description

IEEE PES MEA SBC conducted the third edition of online crossword competition-'WordHippo' 3.0 on the topic 'Ocean Thermal Energy Conversion'. The competition was held on 18th March 2022, at 7.00pm IST. Two URLs were provided to the participants. One for the competition and another one was the Google form to upload the screenshot of their crossword puzzle. The participants were provided with certain instructions and were asked to submit their screenshot through the Google form within the time limit. Only one entry per person was allowed. The competition lasted upto 30 minutes. The final judgement was based on the number of correct answers. Based on this criteria three winners were selected.

About Guests and Delegate

About 31 students participated in the crossword competition.

Review | Feedback

The crossword competition-WordHippo 3.0 was executed flawlessly by IEEE PES MEA SBC and received positive feedback from the participants. The participants were able to show their skills and got some new ways to improve their vocabulary and problem solving skills.

Winners of the competition:

1st-Keven Liam William- ST. Albert's College Ernakulam

2nd -Justin Joe - Toc H Institute of Science and Technology

3rd -Arathy Harikumar D - LBS Institute Of Technology for Women Poojappura Thiruvananthapuram

18th April 2022

Noor-u-Lail - IFTHAR MEET

Objective of Event

Noor-u-Lail Iftar Meet was a gathering where it aimed to celebrate the holy month of Ramadan by having a Iftar Meet within the IEEE members of IEEE MEA SB.

Event Description

IEEE MEA SB conducted an Iftar Meet 8th April 2022 as a part of Ramadan, the holy month of fasting. Noor-u-lail aimed at a gathering where IEEE members of MEA Student Branch came together and had a very heartwarming time together. IEEE MEA SB executive committee members and IEEE alumni participated in the event.

About Guests and Delegates

A group of over 30 people participated in the function including current and past IEEE Members, executive committee, etc.

Review | Feedback

The event concluded with delightful feedback and merrious discussions. Everyone had a great time together.

15th March 2022

Pi Day - POSTER DESIGNING COMPETITION

Objective of Event

The objective of the Poster Designing competition is to discover young talented designers and to create awareness of various designing trends among the youth.

Event Description

IEEE CS MEA SBC conducted a Poster Designing Competition on 15th March 2022 as a part of International Pi Day on a given topic Pi Day Celebration.

The competition was open to all students of various Engineering Colleges. The participants submitted their entries through the google form provided.

The competition made the students aware of various designing trends.

About Guests and Delegates

The competition was judged by the tech team of IEEE MEA SB. About 10 IEEE members from different colleges participated in the competition.

Review | Feedback

The competition was organized with complete perfection.The participants showcased their talents in the best possible way. The competition also helped them to improve their designing skills.

Winners of the competition:

1st - Sourav Santhosh -College of Engineering Trikaripur

2nd - Ronic Tijo Parakattel -Viswajyothi
College of Engineering and Technology

3rd - Reshma Arun -Sree Chithra Thirunal
College of Engineering

23rd April 2022

ARTICLE WRITING WORKSHOP

CCF Lab of MEA Engineering College, Perinthalmanna.

Article writing workshop for the upcoming magazine of IEEE MEA SB, EPISTEME was done. Core coordinators Ms. Ayisha Jumaila, Mr. Muhammed Salah, Mr. Muhammed Salah, Mr. Aromal P S and Mr. Muhammed Shameem coordinated the workshop. About 30 articles were made during the workshop ready for publication.

The event was a great success since all the participants successfully demonstrated an article in a professional way through research using available resources online including IEEEXplore and other libraries. The articles were concentrated on the topics related to technology in the medical field.

Objective of Event

Conducting an Article Writing Workshop as a part of Technical magazine, EPISTEME exclusively for IEEE members on the extended topic of technology in the medical field.

Event Description

IEEE MEA SB has conducted an Article Writing Workshop as a part of Technical magazine, EPISTEME on 23rd April 2022.The event was exclusively for IEEE members. The event was held at the

About Guests and Delegates

Around 30 IEEE members participated in the coordination of counsellor of IEEE MEA SB Mr. Jemsheer Ahmed.

Review | Feedback

The logo launch was organised successfully. It was a memorable and proud moment in the history of achievements of IEEE MEA SB.

4th May 2022

EXELONE- QUIZ COMPETITION

Quizizz

Objective of Event

A quiz competition was conducted in connection with EXELONE - PES Day 2022. The objective of this quiz competition was to give an opportunity to the participants in order to explore their underlying knowledge and also to provide a platform to learn more about the issues at hand.

Event Description

IEEE PES MEA SBC conducted a Quiz Competition on the topic 'Green Transportation' as the first event of EXELONE, a series of events in connection with PES Day 2022 through an online platform called Quizizz. The competition was held on 4th May 2022 at 7:45 PM IST and lasted for about 30 minutes. It was open to all the students of various engineering colleges.

The competition allowed students to gain new steps of knowledge about green transportation, in turn inspiring them to build a green future.

About Delegates

About 60 students from different colleges participated in this quiz competition.

Review | Feedback

The quiz competition was successfully conducted with an active participation of various students. IEEE PES MEA SBC got positive feedback from participants.

The competition helped the participants to improve their competitive skill and to explore a bundle of new knowledge.

Winners of the Competition:

1st -Santra Rose Jacob - Rajagiri School of Engineering and Technology

2nd -Nakhate Harika - LBS Institute of Technology

3rd -Ruth Tennyson - Amal Jyothi College of Engineering

5th May 2022

EXELONE- PHOTO CAPTION WRITING CONTEST

Google Form

Objective of Event

A photo caption writing competition was conducted in connection with PES Day 2022. The objective of this contest was to give an opportunity to everyone in order to explore their strengths in vocabulary and also to provide a platform to showcase their creative writing skill.

Event Description

IEEE MEA PES SBC conducted a Photo Caption Writing Contest on 5th May 2022 as the second event of EXELONE, a series of events in connection with PES Day 2022.The participants were asked to submit their creative captions through a google form on or before 9th of may 2022. Only one entry per person was allowed. The competition was open to all students of various Engineering Colleges. The participants submitted their entries through the google form provided. This competition made students aware of their creative thinking abilities, encouraging them to have a vision and enhancing the vocabulary of the students.

About Delegates

About 28 students from different colleges participated in this caption writing contest.

Review | Feedback

The photo caption writing contest- EXELONE was successfully conducted in the presence of esteemed delegates and IEEE PES MEA SBC executive members. The competition was

organized with complete perfection and got positive feedback from participants

Winners of the Competition:

1st- Vishnupriya Shashidaran - LBS Institute of Technology for Women.

2nd- Sreelakshmi PG - Government Engineering College Idukki.

3rd- Akshay V Nair - College of engineering Trivandrum.

8th May 2022

READY TO RUMBLE

Objective of Event

The objective of the competition was to inspire our participants to learn more about the history of technology and to encourage participants to attempt tasks by working on them and applying their problem-solving abilities to develop tactical plans that will assist in completing the challenges throughout the activity.

Event Description

As the first pre-event of the three-day techno-managerial event XTRINIA 4.0, IEEE MEA SB successfully conducted a Treasure Hunt competition, READY TO RUMBLE, on 8th May 2022. The theme of the competition was "Evolution of technology". All students from different engineering colleges were eligible to enter the tournament. The participation mode could have been individual or a group of maximum 3 members. The event was conducted through social media platforms.

The competition encouraged students to develop tactical plans to help them successfully complete the obstacle throughout the programme by raising their awareness of their problem-solving skills.

About Guests and Delegates

The competition was managed by IEEE MEA SB executive members. About 33 people, including IEEE members and

Non IEEE members, participated in this competition.

Review | Feedback

READY TO RUMBLE - the treasure hunt competition was successfully completed in the presence of prestigious guests and IEEE MEA SBC executive members.

As the pre-event of XTRINIA 4.0, the competition gave an outstanding circulation of the event. The organization of the competition was flawless. The chance to learn more about technology was given to participants and they did their best to display their talents.

Winners of the competition:

- JOEL MATHEW

Vimal Jyothi Engineering College

- AJNAS AK

Vimal Jyothi Engineering College

- ALBIN ABRAHAM

Vimal Jyothi Engineering College

9th May 2022

EXELONE- WEBINAR: SUSTAINABLE TRANSPORT- LIFETIME OF AN ELECTRIC CAR

Google Meet

Objective of Event

IEEE PES MEA SBC conducted a webinar on "Sustainable Transport-life time of an Electric Car" on 9th May of 2022 as the final event of EXELONE, a series of events in connection with PES DAY 2022. The event aims to understand how Electric Vehicles (EVs) offer an opportunity to replace fossil fuels in the transport sector.

Event Description

IEEE PES MEA SBC conducted an intresting webinar on "Sustainable Transport- Lifetime of an Electric Car" as the third and final event of EXELONE, a series of events in connection with PES DAY 2022 on 9th May 2022 at 8.00-9.00 pm IST through Google Meet platform. The event was hosted by Miss Irfana, Women in Power of IEEE PES MEA SBC. Through the session the speaker had discussed sustainable automotive solutions with low environmental impact with our materials, meeting recycling targets, benefits of electric cars and its analysis, etc. It was an effective session of 60 minutes with a presentation and doubt clearing session. The webinar was successfully completed with many participants from different IEEE SBs.

About Guests and Delegates

Speaker : Mr. Abhinav Rajeev, Junior ResearchFellow, IIT Palakkad, YP chair, IEEE Edsoc Kerala chapter.

About 50 participants were attended the Session.

Review | Feedback

The session was informative as well as interactive, all the participants clarified their queries and also shared their views on some points during the webinar. IEEE PES MEA SBC received positive feedback from the participants.

28th May 2022

POETRY PANACHE- POETRY WRITING COMPETITION

Google Forms

Objective of Event

The poetry writing competition was conducted by IEEE WIE MEA AG in collab with the WIE AG's of IEEE SB JCET,IEEE SB CUSAT and IEEE SB CEKTR.The objective of this poetry writing competition was to give the students an opportunity to showcase their talents and to improve their creative skills in writings

Event Description

IEEE MEA WIE AG in collaboration with the WIE AG's of IEEE SB JCET,IEEE SB CUSAT and IEEE SB CEKTR.

conducted a Poetry Writing Competition - "Poetry Panache on 28th May 2022.The competition was open to all students of various Engineering Colleges. The participants submitted their entries through the google form provided.

The competition made students aware of their abilities in writing and also encouraged them to showcase their skills in writing.

About Guests and Delegates

The competition was controlled by the members of IEEE MEA WIE AG in collaboration with the WIE AG's of IEEE SB JCET,IEEE SB CUSAT and IEEE SB CEKTR.. About 35 IEEE members from different colleges participated in the competition.

Review | Feedback

The poetry writing competition was successfully conducted in the presence of esteemed delegates and IEEE MEA WIE AG in collaboration with the WIE AG's of IEEE SB JCET,IEEE SB CUSAT and IEEE SB CEKTR executive members.

The competition was organized with complete perfection.The participants showcased their talents in the best possible way. The competition also

helped them to improve their writing skills.

Winners of the competition:

1st - Sonal Swaral - SOE,CUSAT

2nd - Aneeta - MITS

3rd - Treesa - St Teresa's,kochi

10th,11th &12th June 2022

XTRINIA 4.0

10th,11th &12th June 2022

Objective of Event

Xtrinia 4.0 is the fourth edition of the national-level flagship event powered by IEEE MEA SB which is staged in MEA Engineering College, Perinthalmanna to find your best self. It is a three-day vivid techno-managerial event with numerous sessions. The event is fabricated with technical hands-on workshops, technical and managerial talks handled by industry and academic experts, cultural nights and many more thrilling and exuberant sessions which are designed to enrich the passion and skills of budding engineers for a better world.

Event Description

IEEE MEA SB conducted Xtrinia 4.0, a three day techno-managerial national level flagship event on the 10th, 11th and 12th of June 2022 at MEA Engineering College, Perinthalmanna. The event commenced at 2.00 PM IST on 10 of June with a starting ceremony. The chairperson of IEEE Malabar Subsection and Associate Professor of KMCTCE Mr. Sabiq PV inaugurated the event. Vice Principal of the college Prof. Haneesh Babu delivered the presidential address and Head of Department of EEE and Advisor of IEEE PES MEA SBC Dr. Febina Beevi conveyed the felicitation. The launching ceremony was concluded by giving some awards on which best society award was received by IAS and PES societies and some other awards were also received by the volunteers for their stunning services.

The launching ceremony was followed by two talk sessions. First session of the event was handled by Ms.Sandhya Varma, the co-founder of Skillquest360. The session was on the topic ' Leadership: Thriving in Competitive Edge'. Speaker mainly explained about the environment in the ultra modern era which is changing rapidly and the sharp business competition, so there is a need

for a new leadership style and the need to have good managerial and entrepreneurial skills, namely proactively managing change to benefit from opportunities raised. This session was the best source to get the answers to all these questions and dive into the world of leadership. The session also covered attendees' doubt clarifications, proper guidelines and motivational stories of entrepreneurs. Between sessions, an effective question-and-answer session was held as well. Speaker also mentioned maximizing the effectiveness of individual career planning focusing on the responsibility of the individual for his or her career.

Second session of the event was handled by Dr. Salva Arshad, a reputed dentist, MD and designer at Episode. The session was on the topic WIE track regarding financial freedom, independence and economic balance of women. Speaker mainly explained that financial freedom is all about a sense of equality and identity for women in society. Most women intend to make a contribution to the welfare of the family but are constrained in the absence of any worthwhile savings and money flows. And also she conveys that Independent women have more opportunities to be able to choose any decision for themselves. In this way, women will grow to be more mature in overcoming various problems. When a woman chooses to be independent both

financially and otherwise, this directly impacts the way people perceive her. Also achieving economic independence for women has been at the core of the vision for gender equality across the globe. Economic independence is about expanding the capacity of women to make genuine choices about their lives through full and equal participation in all spheres of life.

After the talk sessions various networking sessions and a DJ Party was held. The networking sessions included various group activities and fun games. Day 1 was concluded by the ultimate DJ party, performed by DJ Praash. The DJ did a fantastic job playing great music that got everyone going on the dance floor. The music was great, everyone had such a good night and the DJ was fantastic. Lighting, decor, space, theme and ambiance enhanced the personalized and intimate vibes. Volunteers and Delegates alike had an unforgettable evening.

The industrial visit was held on 12th June 2022 from 8:00 AM to 12:00 PM, the second day of Xtrinia 4.0. There were two IV destinations and participants were said to choose one. About 20 students visited Lohashilpi, a rubber processing machinery factory at Thootha, Malappuram. Here students came to know about manufacturing of rubber rollers from raw material processing to final product painting. Along with it manufacturing of plastic packet covers for medicines and boxes for medicine bottles were also seen by students.

Second visit was to Madhyamam Perinthalmanna bureau located at Malappuram. Students first got a brief introduction about Madhyamam and then came to know about the complete printing process for a newspaper from getting newspaper contents to printing them on newspapers. All students calmly heard all the information explained by the staff of Madhyamam.

After the industrial visit the delegates had the opportunity to attend a workshop of their own choice from five different workshops that were running parallel. The hands on workshop on Artificial Intelligence was handled by Mr. Karthik K, an AI Engineer and Innovation Incubator Advisory at MES College of Engineering, Kuttippuram. The goal of the workshop is the deep understanding of the topics from scratch and to make the participants capable of solving complex problems through this. The topics dealt in the workshops were changing a still model picture into a moving one and comparing the plan of a building with its 3D model and investigating the errors in it. The workshop was very helpful and

interesting. The delegates utilized the workshop to a great extent.

The workshop on Revit was handled by Mr. Shafeeq Nalakath from Atrium School of Design. The importance of revit workshop is to familiarize the way of developing new skills to the candidates. Thus this workshop helped the candidates to familiarize some of the most in-demand skills, some specialized roles on the market today Basic Element Creation, Measuring, Views and Sheets, Detailing, Dimensions and Rules, and Exporting Data, etc. The workshop was very helpful and interesting. The delegates utilized the workshop to a great extent.

Technical Paper Writing and Presentation was one of the workshops which was handled by Dr. Mubarak M, associate professor and the head of Mechanical Engineering department at MEA Engineering College. The workshop mainly maintained the structure of technical Paper Writing of a presentation or a project. How to effectively present the report of a particular topic, what are the important things to be included in a technical paper writing and what are the key elements that were explained in this workshop. This workshop was the best source to get all the information regarding Technical paper writing. It was really helpful for engineering students to make reports on their project. The session was interactive. The attendees were asked to prepare a report on a particular topic. This workshop helped the attendees to get an idea on preparing the reports. Between sessions, an effective question and answer session was held as well. Speaker also mentioned the importance of Technical paper writing and presentation skill for an engineering student.

Another one of the workshops was on ethical hacking. The workshop was conducted by RedTeam Hacker Academy, one of the top ethical hacking and cybersecurity training providers in Kerala, India. They discussed the details related to system exploitation covering different types of exploits and vulnerabilities used to compromise the system. The workshop mainly included the methods to use various tools for hacking. The response from the participants was fantastic. It was a very informative and skill building workshop.

The fifth workshop was on the topic Data Mining using Python. The workshop was handled by Mr. Midhun M from Rivertech

It Solutions. The workshop covered the importance of using python as a programming language and the basics of python programming. The session then proceeded to teach the various to apply python programming for data mining. The workshop included the various stages of data mining from cleaning and data organization to applying machine learning algorithms. It was a very informative and wonderful session. The delegates were able to learn a lot about the applications of python and the importance of data mining.

The workshops were followed by a variety of games and ice breaking sessions. The second day games started with a statue game where all the group members had participated in this and it increased the coordination among each. Later there was a chair task, a task was hidden in the chairs where participants were sitting. It was an individual task where participants had actively done their tasks and a song act game in which some songs had been given to delegates to act and the audience had to

guess the song. The second day's cultural night was really awesome with the Band Ghala and was the last event of the day. The main lead Mr. Suroor Musthafa was an euphonious singer who had made the audience a mind blowing performance with his team. The night made the delegates enjoy themselves by putting steps on the songs of the band. It was a really memorable night with the Band Ghala.

The third day began with two wonderful talk sessions. The first session of Day 3 of Xtrinia 4.0 was handled by Mr. Mohmmed Ikan, a well-known professional soft skill trainer. The session was on the topic 'Active Goal Setting: Personal and Academic Goals' which was held from 8:30 am to 10:30 am IST on 12th of June 2022. The session was interactive and interesting, filled with informative talks and fun games. It was one of the most exuberant sessions of Xtrinia 4.0. Through the session, the speaker explained about the importance of goal setting and how it could help everyone in day-to-day life to achieve great things. He also showed the importance of having a passion and

being hardworking to be successful with some real-life examples and explained how to build a better personality by demonstrating it through a game. The session ended up with a game which explained how important it is to have effective communication to achieve a goal. The session inspired the delegates to a great extent.

The last session of the event was taken by Mr. Gokul Anil, a business analyst, engineer & tech enthusiast. The session was about product development life cycle. He really explained well on product development and the consecutive stages that a product passes through, product introduction, growth, maturity and decline and what all need to be taken care of to build a brand and acquire product acceptance, how to decide on price and establish distribution tactics. The introductory stage is the riskiest one as the hazards are not always obvious and could kill the product so how to deal with it is very important. The best solutions and good strategies always help a long term product life

cycle. The session was completely helpful for the participants to clear all the doubts and gave a clear idea on how to launch a product. It was an interactive session with a nice presentation.

The three day long event finally concluded on 12th June with a closing ceremony filled with the indelible memories of delegates and volunteers . Delegates provided their remarks on the event and the feedback of their overall experience.They are grateful for the amenity of volunteers and the excellent speakers and cheerful culturals. Volunteers specially mentioned the spirited participation of delegates. The participation certifications are distributed to the delegates and volunteers . The event was enthusiastic and sparky which enhanced the passion and skills of emerging engineers.

About Guests and Delegates

Day 1:
Mr. Jemsheeer Ahmed (Counselor at IEEE MEA SB)
Prof. Haneesh Babu K.T (Vice Principal, MEAEC)
Dr. Sabiq P.V (Chair, IEEE Malabar Subsection)
Dr. Febina Beevi (Advisor of IEEE PES SB)
Ms. Sandhya Varma (Co-founder of Skillquest360)
Dr. Salva Arshad (Founder of Episode)

Day 2:
Mr. Karthik K (AI Engineer and innovation incubator advisory at MES College of Engineering)
Dr. Mubarak M (Associate Professor and the head of Mechanical Engineering department at MEA)
Mr, Midhun M (Python Developer at ReverTech IT Solutions)

Mr, Abhijit U K (Ethical Hacker at RedTeam Hacker Academy)
Mr. Shafeeq Nalakath (Atrium School of Design)

Day 3:
Mr. Mohmmed Ikan (Professional soft skill trainer)
Mr. Gokul Anil (Business Analyst, Engineer & Tech Enthusiast)
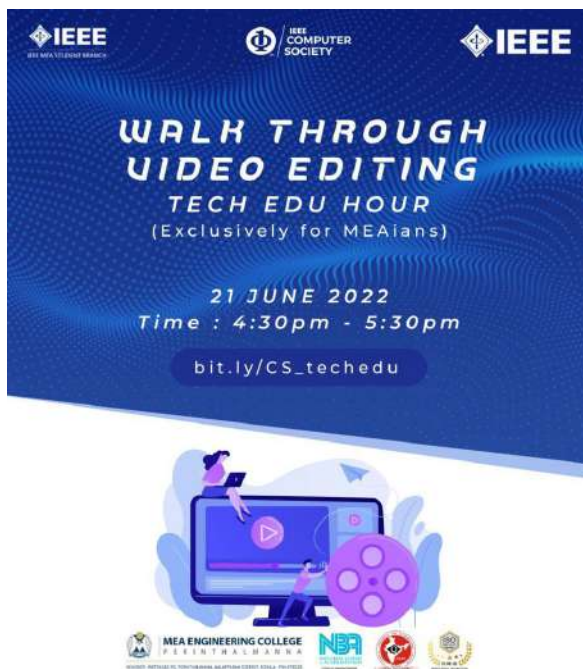
Review | Feedback

Xtrinia 4.0, the fourth edition of the national level flagship event powered by IEEE MEA SB was an immense accomplishment. The three-day national level techno- managerial event was high-spirited and euphoric which strengthened the passion and skills of rising engineers. Each session was remarkable and had a very distinguished vibe which was excellent. Delegates were able to learn a lot and do networking with students from different colleges.

21st June 2022

TechEdu Hour - Walk Through Video Editing

Objective of Event

The objective of the TechEdu Hour - Walk Through Video Editing session was to enhance and develop the video editing skills among the emerging youth as well as helping the students to develop creative ideas .

Event Description

IEEE CS MEA SBC resumed the TechEdu Hour. The first series of sessions was titled as Walk Through Video Editing and was purely based on video editing trends and skills. There were 5 sessions which were handled on different days. The sessions were taken in offline mode.

The competition was open to the students of MEA engineering College. The interested students registered for the series of sessions through the google form provided.

The series of sessions made the students aware of various editing trends.

About Guests and Delegates

The series of sessions was handled by the tech team of IEEE MEA SB. On each of the scheduled days, about 19 registrants attended the session

Review | Feedback

TechEdu Hour was organized with complete perfection.The participants

showcased their talents in the best possible way. The session also helped them to improve their video editing skills.

25th June 2022

DOODLE ART COMPETITION

Objective of Event

A Doodle Art Competition was conducted by IEEE PES MEA SBC with an objective of discovering the creative side of the participants at the same time giving an opportunity for everyone in order to explore their underlying creativity and to enhance their knowledge about sustainable energy.

Event Description

IEEE PES MEA SBC conducted a Doodle Art Competition on the topic 'Energy for a Better Planet'. The competition was held from 25th June 2022 till 30th June 2022 9:30 PM IST.The competition was open to all students of various engineering colleges. A google form was provided to the participants to upload their entries within the deadline. The competition allowed students to gain new levels of knowledge about the given topic and also to enhance their creative thinking abilities.

About Delegates

About 30 students from different colleges participated in this Doodle Art Competition.

Review | Feedback

The Doodle Art Competition was organized with full on perfection and the participants showcased their talents in the best possible way.The competition helped the participants to improve their creative thinking skill and to explore a new bundle of knowledge.

Winners of the Competition:

1st - Sana Ranjith - SCMS School Of Engineering and Technology

2nd -Muhammed Sabith P A - Model Engineering College

3rd -Sanjay Krishnan k - Jawaharlal College Of Engineering and Technology, Lakkidi, Ottapalam

30th June 2022

BUZZ-O-MANIA - BUZZER GAME COMPETITION

Objective of Event

The objective of the buzzer game competition aims to improve the students' knowledge and team spirit. The event was conducted on the most relevant topic "Renewable Energy".

Event Description

IEEE MEA IAS SBC conducted a Buzzer game competition named "Buzzo-O-mania on 30th June 2022.The competition was open to all students of MEA engineering college. The participants were divided into three groups of six participants each. The competition was won by group 3. The event was interesting as everyone who took part contributed to it with great enthusiasm. The topic piqued their interest and they participated actively and enthusiastically.

About Delegates

The competition was controlled by the members of IEEE MEA IAS SBC. About 18 participants from different departments participated in the competition.

Review | Feedback

The buzzer game competition "BUZZ-O-MANIA", was successfully conducted in the presence of esteemed delegates and IEEE MEA IAS SBC executive members.

The competition was organized with complete perfection.The participants showcased their talents in the best possible way of their team spirit . The competition also helped them to improve their problem solving skills.

Winners of the competition:

1. Safwan.A.K
2. Safa.M.T
3. Sahala
4. Umer Saleh
5. Rasmina
6. Mishal.k

1ᵗʰ July 2022

V-TALK SEASON 2 - EPISODE 1

Google Meet

Objective of Event

VTalk is a series of webinars resourced by the influencer women in different fields which is intended to the empowerment of women through IEEE.

Event Description

IEEE MEA WIE AG conducted VTalk Season 2 Episode 1 on the topic Entrepreneurship on 1st July 2022.The webinar was open to all students of various Colleges in Kerala and the webinar was resourced by Ms. Aleshia Avinash who is an Engineer and educator who is prominent as a speaker and Entrepreneurship and Business Coach.

The speaker talked about the emerging opportunities of youngsters in innovation and entrepreneurship. The talk included engineering perspectives and business bridges in industry and academia.

About Guests and Delegates

Ms. Aleshia Avinash - Engineer, Educator, Speaker, Entrepreneurship and Business Coach.

Review | Feedback

The event went well with an amazing participation of 55 students including IEEE and guests. Students from different colleges attentively listened to her talk which was very inspiring.

04ᵗʰ July 2022

AGM'22 - Annual General Meeting

Objective of Event

AGM '22 was the Annual General Meeting of oue 2021-2022 Execom of IEEE MEA SB.

Event Description

IEEE MEA SB conducted an Annual General Meeting for 2021-2022 execom members to discuss the journey of IEEE MEA Student Branch and to thank the past execom members for the guidance and paths they have set for the SB. Influences of successful programs conducted by the past execom and experiences they gained from conducting these programs were shared by the members.

About Guests and Delegates

Mr.Ameen Shahid, Ex-Chair of IEEE MEA SB was our guest for the program. Over 50 persons, including our Branch Counselor Mr.Jamsheer Ahmad and the current and former executive committee members attended the event.

Review | Feedback

Pleasant comments and lively conversations marked the event's conclusion. Together, everyone had a great time.

14ᵗʰ July 2022

Bi- Weekly Webinar Series - Webinar 1

Zoom Cloud Meeting

Objective of Event

The objective of this event is to conduct a bi- weekly webinar series for students on various relevant technological topics to increase their understanding and knowledge of the current technical advancements.

Event Description

IEEE Malabar Subsection in association with IEEE Malabar Hub and IEEE MEA SB conducted Webinar 01 of the Bi-Weekly Webinar Series on the topic Brain Waves Modelling and Decoding. The webinar was conducted on 14th July 2022 at 7.30 PM IST on Zoom Cloud Meeting.

The webinar mainly focused on the basics of brain waves modeling which involves analyzing and interpreting the electrical signals generated by the brain. The speaker also mentioned various mathematical models that are used to describe the patterns and characteristics of brain waves. A question and answer session was also conducted at the end of the session.

About Guests and Delegates

The webinar was resourced by Dr. Dileep G, CEO of Advay Power Limited, Kerala.

About 54 students from various colleges attended the webinar.

Review | Feedback

The webinar was an informative and engaging session that provided a comprehensive overview of the latest research in the given topic. The speaker did an excellent job of explaining the basic concepts of brain wave modeling and decoding, making the topic accessible to both technical and non-technical audiences.

19th July 2022

V-TALK SEASON 2 - EPISODE 2

Google Meet

Objective of Event

VTalk is a series of webinars resourced by the influencer women in different fields which is intended to the empowerment of women through IEEE.

Event Description

IEEE MEA WIE AG conducted VTalk Season 2 Episode 2 on the topic Entrepreneurship on 19th July 2022. The webinar was open to all students of various Colleges in Kerala and the webinar was resourced by Ms. Sona Mariya who is an Engineer and educator who is prominent as a speaker and Entrepreneurship and Business Coach.

The event was hosted by IEEE MEA WIE AG Executive Member Ms. Fathima Rasum EK.

Speaker talked about IEEE opportunities and benefits of the IEEE membership for students in their academic fields and career. The speaker also talked about her experience as a former IEEE executive committee member of IEEE MEA SB.

About Guests and Delegates

Ms. Sona Mariya - Ex- Vice Chair IEEE MEA SB, Civil Engineer at JARCH DEVOPERS & INTERIORS.

Review | Feedback

The event went well with an amazing participation of 60 students including IEEE and guests. Students from different colleges attentively listened to her talk which was very inspiring.

25th July 2022

POWERSCAPE-WEBINAR: Solar Photovoltaic Systems Design and Case studies

Webex

Objective of Event

IEEE PES MEA SBC in collaboration with IEEE SBC SBC CET conducted a webinar on the topic 'Solar Photovoltaic Systems Design and Case studies' as part of a series of events, POWERSCAPE. The objective of this webinar was to provide an opportunity to the participants in order to gain knowledge about Solar Photovoltaic Systems and share their views on the same topic.

Event Description

IEEE PES MEA SBC conducted a Webinar on the topic 'Solar Photovoltaic Systems Design and Case studies' as the first bombarding event of POWERSCAPE, a series of events in collaboration with IEEE PES SBC CET through an online platform called Webex. The webinar was held on 25th July 2022 at 7:00 PM IST and lasted for an hour. The webinar was planned to be conducted on Google Meet which is then shifted to Webex platform due to high participants count. It was open to all the students of various engineering colleges.

The webinar allowed students to gain new steps of knowledge, in turn inspiring them to think about the creative possibilities of Solar Plants.

About Guests and Delegates

Speaker : Dr. Mini Rajeev, Associate professor, Dept. of Electrical

Engineering, Agnel charities, Fr.C. Rodrigues Institute of Technology, vashi, Navi Mumbai.

About 153 students from different colleges participated in this informative webinar.

Review | Feedback

The Webinar was conducted flawlessly with the diligence effort of both SB's. IEEE PES MEA SBC got positive feedback from the delegates.

The webinar helped the delegates to look at things in a new way and to gain new steps of knowledge.

26th July 2022

POWERSCAPE-WEBINAR:

Understanding a Transformer Practically

Webex

Objective of Event

IEEE PES MEA SBC in collaboration with IEEE SBC SBC CET conducted a webinar on the topic 'Understating a Transformer Practically' as part of a series of events, POWERSCAPE. The webinar aimed at providing an opportunity to the delegates in order to explore innovative ideas and dusting out a few of their underlying knowledge.

Event Description

IEEE PES MEA SBC conducted a Webinar on the topic 'Understating a Transformer Practically' as the second dynamic event of POWERSCAPE, a series of events in collaboration with IEEE PES SBC CET through an online platform called Webex. The webinar was held on 26th July 2022 at 6:00 PM IST and lasted for an hour. The webinar was planned to be conducted on Google Meet platform which is then shifted to Webex platform due to high participants count. It was open to all the students of various engineering colleges.

The webinar allowed students to gain new steps of knowledge. Through the webinar the speaker discussed about the transformer, its working, characteristics and so on.

About Guests and Delegates

Speaker : Mr.B.koti Reddy, Trainer, Project Engineer and Maintenance Engineer, Project Guide for Engineering

Students,Resource Person for Faculty Development Program.

About 157 students from different colleges participated in this informative webinar.

Review | Feedback

The Webinar was made up to perfection with the collective effort of both SB's. IEEE PES MEA SBC and IEEE PES SBC CET got positive feedback from the delegates.

The webinar helped the delegates to explore a new bundle of knowledge.

28ᵗʰ July 2022

POWERSCAPE-WORKSHOP:

Simulation using LTspice

Webex

Objective of Event

IEEE PES MEA SBC in collaboration with IEEE SBC CET conducted a workshop on the topic 'Simulation using LTspice' as part of a series of events,

POWERSCAPE. The workshop mainly aimed at providing some interesting facts and sharing basic knowledge about LTSPICE simulator software.

Event Description

IEEE PES MEA SBC conducted a virtual workshop on the topic 'Simulation using LTSPICE' as yet another exuberant event of POWERSCAPE, a series of events in collaboration with IEEE PES SBC CET through an online platform called Webex. The workshop was held on 28th july 2022 from 7 PM to 9 PM IST. It was open to all the students from various Engineering Colleges.

It was in fact an interesting as well as informative workshop. There was a lot of discussion between the delegates and speaker , and the delegates were actively involved throughout the session . He includes every perspective of this , which implements on positive and negative sides thus the session makes the delegates understand on every side of LTSPICE Simulator. Then he concluded the sessions and thus helped the delegates to acquire new informative knowledge .

About Guests and Delegates

Speaker : Mr. Abhinav Rajeev, Junior ResearchFellow, IIT Palakkad, YP chair, IEEE Edsoc Kerala chapter.

About 200 students from different colleges participated in this informative webinar.

Review | Feedback

The Workshop was conducted flawlessly with the diligence effort of both SB's. Both the SBC's got positive feedback from the delegates.

The workshop helped the delegates to explore a new bundle of knowledge and to explore a new spice simulator software.

29ᵗʰ July 2022

POWERSCAPE-ELECTROBUZZ QUIZ.

Quizizz.

IEEE PES SBC CET in collaboration with IEEE PES MEA SBC conducted an online quiz competition as a part of **Powerscape** series through the platform Quizizz. The competition was held on 29ᵗʰ JULY 2022 at 7pm to 8pm. The competition provides a way for the participants to gain new knowledge.

About Guests and Delegates

About 50 students participated in the quiz competition.

Review | Feedback

The competition was really beneficial and provided the right beneficial knowledge to the participants. It also helped the participants to increase their competitive skills. An overall positive response was obtained from the participants.

Winners of the competition:

Objective of Event

A quiz competition was conducted as a part of powerscape, a series of events. The objective of the event is to enhance the knowledge among participants and increase their competitive skills.

Event Description

1st. Rameesa Jahana P A- College of Engineering Trivandrum.

2nd. Vineeth Binoy- Vimal Jyothi Engineering College.

3rd. Alkesh Kumar TJ- Govt Engineering College Trissur.

30th July 2022

POWERSCAPE- LTSPICE SIMULATION COMPETITION

Objective of Event

IEEE PES MEA SBC in collaboration with IEEE SBC SBC CET conducted a LT Spice simulation competition on behalf of a series of events, POWERSCAPE. The objective of this competition is to enhance the competitive spirit of the delegates and to check their knowledge about the topic.

Event Description

IEEE PES MEA SBC conducted a LTSPICE Simulation Competition as part of POWERSCAPE, a series of events in collaboration with IEEE PES SBC CET. The competition was held on 30th July 2022. It was a marvelous competition where a lot of delegates participated, which ended with warm support. This competition helps to deal with various benefits which hold like acquisition of technical skills, but also promote the development of soft skills such as teamwork and task coordination. It also helps in increasing course engagement by modeling a realistic business competition.

About Guests and Delegates

About 15 students from different colleges participated in this competition.

Review | Feedback

The competition was conducted with full on perfection by the collective efforts of

both SB's. IEEE PES MEA SBC got positive feedback from the delegates.

Winners of the Competition:

1-Alan ponnachan- College of Engineering Trivandrum

2-S Janardhan- College of Engineering Trivandrum

3-Abhijith Krishna- College of Engineering Trivandrum

3rd August 2022

FIREWALL IDEATHON

Objective of Event

The objective of Firewall Ideathon - the problem solving competition was to raise awareness among various students regarding the vulnerability of cyber security in various countries due to lack of separation.

Event Description

IEEE MEA CS SBC conducted Firewall Ideathon, a problem solving competition on 3rd August 2022 on the topic Vulnerability of Cyber Security in Different Countries Due to Lack of Separation.

The competition was conducted to raise awareness on cyber security issues faced by different countries.

The competition was open to all students of various Engineering Colleges.The participants submitted their entries through the google form provided.

The competition made the participants aware of various cyber security issues across the globe.

The winner of the competition was announced on 22nd September 2022.

About Guests and Delegates

The competition was judged by the executive committee of IEEE MEA SB. Few IEEE members participated in the competition. The participants were in fierce competition with one another. A winner was selected from them.

Review | Feedback

The competition was organized with complete perfection.The participants showcased their talents in the best possible way. The competition also helped them to improve their thinking skills.

Winner of the competition:

P K Harsha - MEA Engineering College

25th September 2022

POWERGEX: PROBLEM SOLVING COMPETITION

Google Form

Objective of Event

IEEE PES MEA SBC conducted POWERGEX, a Problem Solving Competition with an aim of discovering the innovative side of the participants at the same time giving an opportunity for the participants in order to see the things in a fresh way and to learn about a few issues faced by the current world.

Event Description

IEEE PES MEA SBC conducted a Problem Solving Competition, POWERGEX on the topic 'Offshore Drilling'. The competition was held from 25th September 2022 and lasted till 30th September 2022 11:00 PM IST. The competition was open to all students of various engineering colleges. A few guidelines were provided to the participants along with the Google Form where they could list all the problems they discovered about Offshore Drilling and resolve the problems they found. The participants were asked to point out at least one issue and to resolve the same. The competition allowed students to gain new levels of knowledge about the given topic and also to enhance their critical as well as creative thinking abilities.

About Delegates

About 20 students from different colleges participated in this Problem Solving Competition.

Review | Feedback

The Problem Solving Competition was organized with full on perfection and the participants showcased their talents in the best possible way. The competition

helped the participants to improve their Problem Solving abilities and to look at things in a sustainable way.

Winners of the Competition:

1st : Gopika Dershni - College of Engineering Trivandrum

2nd : AKHIL NAZIM CK - Mea Engineering College

3rd : Navya sm - College of Engineering Trivandrum

29th September 2022

BLOCK BY BLOCK

Objective of Event

The objective of Block By Block, a workshop on block chain was to introduce block chain to the emerging youth.

Event Description

As a part of Informatyka 2.0, the Women in Computing wing of IEEE MEA Student Branch in association with the Women in Computing wing of IEEE CEAL Student Branch chapter and IEEE CEC Student Branch chapter conducted a workshop on block chain titled BLOCK BY BLOCK on 29th September 2022 at 7.30PM via online mode.

The workshop was open to all students of various Engineering Colleges. It was open for both IEEE and Non - IEEE members.

The workshop made the students aware of block chain.

About Guests and Delegates

The workshop was handled by Mr. Vyasan J, mentor of IEEE SB RIET.The event was a great success with 80+ participants from various engineering colleges.

Review | Feedback

The workshop was organized with complete perfection. The workshop made the participants aware of block chain and its importance in the current scenario.

04ᵗʰ October 2022

Encoding in Xtreme

Objective of Event

The objective of the Encoding in Xtreme - IEEEXtreme 16.0 orientation was to make the students aware of IEEE Xtreme 16.0 and also to provide instructions related to IEEE xtreme 16.0.

Event Description

IEEE CS MEA SBC conducted an orientation webinar for IEEEXtreme 16.0 titled 'Encoding in Xtreme' on 04th October 2022 as a part of IEEEXtreme 16.0.

The webinar was hosted by the executive committee members of IEEE CS MEA SBC. The webinar was handled by Mr. Vaishnav S, Kerala section lead - IEEEXtreme 16.0.

The webinar was open to all students of various Engineering Colleges. The participants submitted their registrations through the google form provided.

The webinar made the students aware of IEEEXtreme 16.0.

About Guests and Delegates

The webinar was handled by Mr. Vaishnav S, Kerala section lead - IEEEXtreme 16.0. About 30 students from various colleges attended the webinar.

Review | Feedback

The webinar was organized with complete perfection.The participants cleared their doubts. The webinar made the students aware of IEEEXtreme 16.0.

11ᵗʰ October 2022

TALK
SHOW-webinar

Google meet

Objective of Event

The webinar was conducted by IEEE MEA SIGHT AG.Event actually conducted to bring awareness to different topics in students.

Event Description

IEEE MEA SIGHT AG conducted a WEBINAR on the topic 'Project Proposal' as the first session of a series of talks as a part of event TALK SHOW through Google Meet. The webinar was held on 11th October 2022 at 7:30 PM IST and lasted for about 60 minutes. It was open to all the students of various engineering colleges.

The webinar allowed students to gain new knowledge about Project proposal in turn inspiring them to build projects and understand the importance of projects in career.

About Delegates

About 30 students from different colleges participated in this talk show.

Review | Feedback

The webinar was successfully conducted with an active participation of various students. IEEE MEA SIGHT AG got positive feedback from participants.

The competition helped the participants to have ideas about these topics and to explore a bundle of new knowledge.

14th, 15th & 16th October 2022

i5 - Ignite Imagination & Inspire Iconic Innovations

MEA Engineering College, Perinthalmanna

Objective of Event

In collaboration with IEEE KERALA SECTION, IEEE MEA SB conducted a mega event i5. Ignite Imaginations & Inspire Iconic Innovations (i5) is a three-day National Level Convention organized by the five most recognized society chapters of the IEEE Kerala Section including IEEE Education Society, IEEE Signal Processing Society, IEEE Communication Society, IEEE Robotics and automation society and IEEE IA/IE/PELS Joint chapter. The event was held on the 14th, 15th and 16th of October 2022 at MEA Engineering College, Perinthalamanna. i5 features top -notch programs in association with high-profile firms that includes workshop sessions from reputed industries, competitions, talk sessions and personality development training.

Event Description

The event was inaugurated by the Vice Chancellor of APJ Abdul Kalam Kerala Technological University(KTU) Dr. Rajasree M S. After the inauguration ceremony, IEEE Region 10 secretary Dr. Sameer S M addressed the audience. The Chair of IEE/IA/IE/PELS Jt Chapter Kerala Dr. Bijuna Kunju delivered the welcome address and Vice Chairperson of IEEE Kerala Section and the general chair of i5 Dr. Muhammed Kasim S delivered the presidential address.The principal of MEA Engineering College Dr. G Ramesh delivered the felicitation address. IEEE MEA Student Branch Chairperson Mr. Muhammad Salah delivered the vote of thanks.

After the inauguration ceremony Dr. Sameer S M, Secretary of IEEE Region 10 and Professor at NIT Calicut, delivered a Keynote Address on the topic "**How to crack campus recruitment opportunities?**". The Speaker made very clear points regarding how to take advantage of campus recruitment chances. The session was very interesting and gave delegates information about how to utilize campus recruitment opportunities.

Dr Bijuna. M, chair of IE/IA/PELS Jt. Kerala chapter led a talk session on October 14th 2022, the first day of the i5 three-day technical conference. The talk session was held on the topic of problem-solving, and the session was one hour. The session was very helpful and interesting for the participants. They have got more ideas on the topic. The speaker has well shared all their experiences and all the knowledge about it. The way of presentation was so nice. The talk session improved the creative problem-solving skills of the delegates.

Five workshops were held in parallel starting from the first day of the event. **Electronic product design and development** was the workshop supported by **GadgEon** engineering smarts. The presentation gave attendees a glimpse into the fundamentals as well as cutting-edge design and development options for electronic products.

A 10-hour workshop session was followed by a hackathon so that participants could further apply and explore their knowledge. All of the participants actively participated in hands-on soldering device work, and each group implemented a device that beeped at a set temperature. All the participants were grouped together, and each group presented their logo design of their model, and the winners were appreciated and given awards.

MATLAB for modern engineers was the next workshop handled by Anand Mukhopadhyay Education Customer success Engineer and Rakshith B S Senior Application Engineer at **Mathworks** which was led by IEEE Education Society Kerala Chapter. This workshop was a 10-hour long session along with a hackathon. It mainly focuses on the usage of the programming platform, MATLAB in order to analyze and design systems and products. The workshop maintained a basic level which was favorable and knowledgeable for the participants. The session was interactive. The professionals cleared and resolved each and every doubt of the participants. The attendees also took part in the hackathon of the workshop and the winners were rewarded. This workshop was the best source to get all the information regarding the MATLAB and Simulink.

THE WORLD OF BRAIN COMPUTING INTERFACE workshop powered by **TCS** is one of the main highlight of the event. The workshop on 14 and 15 oct is handled by Robin Tommy, smitha John and Lija Alex. It was a 10-hour long workshop session that helped to acquire knowledge on limitless possibilities regarding this topic BCI technology allows a human brain and an external device to talk to one another to exchange signals. It gives humans the ability to directly control machines, without the physical constraints of the body.The session was very interactive, live and interesting including live demonstration, Hackathon etc that really helped students to outperform their knowledge to the next level.

The fourth workshop conducted as a part of i5 was on the topic **'Augmented**

Reality Filter Development' which was resourced by the AR visualization aid **TutAR**. The workshop began at 4.00 PM IST on the first day of i5 and it lasted till 6.30 PM IST with a tea break in between. The session covered a lot of topics about filter development using AR with Spart AR Studio, which included creation of face tracking effect, patch edition, plane tracker and 3D models. Participants were able to test and publish the filters in the Spark AR Hub. The next session of the hands-on workshop continued from 2.00 PM IST on the second day till 4.30 PM IST which also included a hackathon based on the workshop. The participants were divided into groups of three members and were asked to come up with an idea and to present the same. The workshop ended with a feedback session in which the participants expressed their opinions about the workshop.

Design and Development of Power Electronic System is the fifth workshop in the event i5, a workshop was conducted in collaboration with **C-DAC,** Center for Development of Advanced Computing. The workshop was based on the topic 'Design and Development of Power Electronic System'. The workshop was handled by resource persons coming under the Ministry of Electronics & Information Technology. The workshop started at 2:00 PM IST on the first day and the session continued till 6:30 PM IST with a tea time in between. The workshop covered all the aspects regarding basic electronics and it helped participants in implementing the C language to program the circuit and graphically plot the graph using gnuplot. The session began more engaging when a hackathon was conducted on the next day at 2:00 PM IST. Participants were grouped into four and allowed to work as a team. With the powerful enthusiasm of the participants the hackathon went on till 4:30 PM IST. The workshop ended with participants giving their valuable feedback. Alongside a photo session was also conducted. Overall the workshop provided a platform to improve their knowledge in power electronics and helped in implementing their ideas to develop circuits.

The training section was conducted by IKS YP.The main motive of Placement training is to provide the right platform to the students passing out of the institute, so that they are able to make a solid foundation for a prosperous career lying ahead. Career aptitude tests is a great resource, as this provides the students with essential information concerning their respective abilities and inclinations; indeed, the test show the particular lines of work that match well with a student's skills, aims and lifestyle.It was conducted on the 2nd day on i5 from 4:30 PM to 6:30 PM.It was a wonderful section.

A talk session on Intelligent Chips with Neuro-Memristive Systems was held on the second day of the i5 three-day technical conference. Professor Dr. Alex P. James from Digital University Kerala led the session, describing it as informative and interesting. Without a doubt, it reflected our intentions. Participants are encouraged to actively participate in their learning during sessions. By relating what they have just learned to their prior knowledge, they help the learner comprehend new information. The event brought the audience together by promoting networking, teamwork, and idea-sharing.

On the second day of i5 ,15th October 2022,the 3rd industrial talk session was held under Dr.Thomas George Director of Lead college of management, PKD on the topic "Manager v/s Leader".This session was interactive and an energy booster for delegates. The attendees of this session got a clear cut vision about who is a leader and Manager. This session helps to improve managerial skills of the audience.

The night session of i5 was filled with different cultural programmes by delegates and guests including team Kodampuli and other entertaining sessions.

On 16th October 2022, the third day of i5, a talk session was handled by Dr. M V Rajesh. Dr. M V Rajesh is a professor at College of Engineering Chengannur. His talk was on the topic **Fighting Data Bias & Ethical AI - a Collective Responsibility.** The speaker made the delegates aware of the Data Bias in machine learning and Ethical AI. The speaker also pointed out the ways to fight Data bias and Ethical AI. The speaker also highlighted the importance of collective responsibility in fighting Data Bias and Ethical AI. The speaker gave a brief idea about the topic to the delegates. Delegates gained an understanding of how to fight Data Bias and Ethical AI. The session lasted half an hour. The delegates and volunteers of the event utilized the session well.

The session held by Mr. Kesawswamy, struck the perfect balance between informative and interactive. All the tips that sir has given felt directly applicable and often gave me that 'aha' moment where everything finally clicked. The facilitator did a great job to engage everyone - there was a lot to learn from him just by example - while never pressuring us to participate more than we were comfortable.He delivered such a useful and engaging session. It was certainly in the spirit we intended. The buzz in the room was a great sign - it was just what we wanted to have people talking to one another and getting back to networking again . The participants have been overwhelmed with this session because he says the basic aspects that every engineer follows,the needs, the do's and don'ts that we have to keep with ourselves.

Mr. Abhinav R, Junior Research Fellow at IIT Palakkad, led a talk session on October 16, 2022, the third and final day of i5. His talk was on the topic Experience Sharing. The speaker used engaging and extremely practical methods to explain his subject. He has written about his experiences in a way that is both fascinating and helpful to the delegates. Every sentence he spoke inspired the delegates. He inspired several of the delegates with his speech. He was able to instil in the delegates a feeling of what we ought to be aiming for. He showed his experiments to the delegates through the presentation. His

style of language was understandable to everyone. His talk session lasted from 11 to 11:30 .In this short span of time, he has had a significant influence on delegates.

On 16th October 2022, the final day of i5, a talk session was handled by Mr. C M Varughese, who is the CEO of Evergreen Technologies, Kakkanad. The session was conducted on the topic "Setting up of an Entrepreneurship". The speaker explained his topic in a fascinating and really sensible way. The value of entrepreneurship was recognised by the delegates. They developed a concept for starting a business. The session stimulated the ideas of the aspiring entrepreneurs.The session was a complete assistance in clarifying any entrepreneurship related uncertainties. The speaker was quite successful in communicating the necessity of being an entrepreneur and the challenges along the way. The session lasted half an hour. Everyone found the session to be extremely valuable, especially aspiring entrepreneurs.

The three day long event finally concluded on 16th of october with a closing ceremony filled with the indelible memories of delegates and volunteers . Delegates provided their remarks on the event and the feedback of their overall experience.They are grateful for the amenity of volunteers and the excellent speakers and cheerful culturals. Volunteers specially mentioned the spirited participation of delegates. The participation certifications are distributed to the delegates and volunteers . The event was enthusiastic and sparky which enhanced the passion and skills of emerging engineers.

Feedbacks

The event was well organized and received many positive responses from global and regional IEEE circles. A total of 280 participants were there.

21st October 2022

Coding Fire

Objective of Event

The objective of the Coding Fire program was to serve as a training program for IEEEXtreme 16.0. The training program aims to foster the coding skill and the competitive spirit among the participants.

Event Description

IEEE CS MEA SBC conducted a training program, Coding Fire as a part of IEEEXtreme 16.0. The program was conducted on 21st October 2022 between 7PM IST and 9 PM IST through Hacker rank.

The training program was exclusive for IEEE MEA members. A set of programming questions were given to the participants to solve in 2 hours.

Very few of the participants attended the program and utilized it well.

About Guests and Delegates

The program was hosted by IEEE CS MEA SBC along with IEEEXtreme ambassador of IEEE MEA SB.

Review | Feedback

The training program was organized with complete perfection.The participants showcased their talents in the best possible way. The program also helped them to improve their coding skills.

22nd October 2022

ROBOSPIRE-WEBINAR

Google Meet

Objective of Event

IEEE IAS MEA SBC conducted a webinar on the topic 'Robotics in the Modern world' named ROBOSPIRE. The objective of this webinar was to provide an opportunity for the participants to gain knowledge about the modern world of robotics and share their views on the same topic.

Event Description

IEEE IAS MEA SBC conducted a Webinar on the topic 'Robotics in the Modern world' named Robospire on 22nd Saturday 2022, through an online platform called google meet. The webinar was held on 22nd October 2022 at 7:00 PM IST and lasted for an hour. It was open to all the students of various engineering colleges.

The webinar allowed students to gain new steps of knowledge, in turn inspiring them to think about the creative possibilities of the Robotics world.

About Guests and Delegates

Speaker: Mr Shankar J, SAC Kerala section chair and PhD scholar in electronics and communication engineering department, NIT Calicut.

About 60 students from different colleges participated in this informative webinar.

Review | Feedback

The Webinar was conducted flawlessly by IEEE IAS MEA SBC, They got positive feedback from the delegates.

The webinar helped the delegates to look at things in a new way and to gain new steps of knowledge.

22nd October 2022
EPISKEVI

Objective of Event

Episkevi is a one-day hands-on workshop conducted as a part of IEEE day celebrations 2022. The workshop was on the topic 'Introduction to Hardware and Networking' and it was organized with the aim to help students to familiarize themselves more about computer hardware and related topics.

Event Description

IEEE MEA SB with the support of IEEE Malabar Section organized a one-day

hands on workshop, Episkevi on 22nd October 2022 from 9.30AM IST to 3.30PM IST. The workshop was conducted at MEA Engineering College and the registrations were open to students from all colleges. The workshop was on the topic 'Introduction to Hardware and Network'. The main focus of the workshop was on the fundamental knowledge about computer hardware and networking. It provided the students with hands-on experience and information that is required to install, upgrade, repair, configure, troubleshoot, optimize, and perform preventative maintenance of basic computer hardware, operating systems and Network.

About Guests and Delegates

The workshop was resourced by Mr. Binu James, System Administrator at MEA Engineering College.

About 20 students from different colleges participated in the event.

Review | Feedback

The event was organized successfully and the participants gave overall positive feedback. The students were able to study and understand the basics of hardware and networking which is an essential knowledge necessary for any engineering student.

23rd October 2022

IEEEXtreme Competition Participation

Google Meet

Objective of Event

IEEE Xtreme is the world's largest technical coding competition, which is conducted annually by the Institute of Electrical and Electronics Engineers (IEEE). The competition is open to all IEEE student members worldwide, and it provides a platform for students to showcase their technical skills and creativity in problem-solving. IEEE MEA Student Branch participated in the 16th edition of the competition, held on 23th October 2022, with a team of 32 students.

Event Description

The IEEE MEA Student Branch team consisted of 32 students from various engineering streams, including Computer Science, Electronics, and Electrical Engineering. The team was led by two team captains, who coordinated and supervised the team's activities throughout the competition. The team started their preparation for the competition a month before the event, with regular practice sessions and mock tests. The team also collaborated online through various social media platforms to discuss and solve practice problems.

On the day of the competition, the team assembled online in their designated location with the necessary equipment and resources which was led by Mr. Muhammed Nifal, IEEE Xtreme Brand Ambassador and IEEE PES MEA SBC Vice Chair. The competition started at 00:00 hours and lasted for 24 hours. The team worked together to solve the problems presented to them, which ranged from easy to complex, covering various technical domains such as data structures, algorithms, and artificial intelligence.

One of the key highlights of the IEEE Xtreme competition is the emphasis on collaborative problem-solving. The

competition allows teams to collaborate and communicate with each other during the event, which was facilitated through online platforms such as Whatsapp, Discord, and Google Meet. The IEEE MEA Student Branch team made extensive use of these platforms to share ideas, strategies, and solutions to the problems.

Review | Feedback

Participating in the IEEE Xtreme competition was a challenging and rewarding experience for the IEEE MEA Student Branch team. The competition provided a platform for the team to showcase their technical skills, collaborate with their peers, and solve complex problems. The team's success in the competition is a testament to their hard work, dedication, and teamwork. The experience gained from the competition will undoubtedly help the team members in their future careers as engineers and technologists.

27th October 2022

Introduction to GitHub and Hacktoberfest

Objective of Event

The objective of the webinar was to make the students aware of the basics related to getting familiar with GitHub and participating in the Hacktoberfest.

Event Description

IEEE MEA SB in association with MEA FOSS CELL conducted a webinar on the topic 'Introduction to GitHub and Getting Started with Hacktoberfest on 27th October 2022'. The webinar was conducted as an offline event in the college between 3.00 PM IST and 4.20 PM IST. The main topics discussed during the webinar were creating an account in GitHub, doing a pull request, registering for Hacktoberfest and how to participate in the competition.

The webinar made the students aware of GitHub and Hacktoberfest.

About Guests and Delegates

The webinar was handled by Mr. Safvan Melethi and Mr. Mubarak MM, students at MEA Engineering College. About 50 students attended the webinar.

Review | Feedback

The webinar was organized with complete perfection. The participants cleared their doubts and understood how to use GitHub and win the Hacktoberfest. The webinar received an overall positive response from the students.

28th October 2022

AVERO'22: MEMBERSHIP DEVELOPMENT PROGRAMME

Objective of Event

The event is intended at helping students get familiarized with the professional world, introducing them to the latest technological innovations and the benefits of IEEE membership.The main aim of the event is to give an orientation to the new fresher members about the IEEE membership.

Event Description

IEEE MEA SB conducted Avero'22, the membership development program which was held in the college auditorium on 28th October 2022. The IEEE Code of Ethics and how it fosters, develops, and promotes the creation of global technologies were topics of discussion between Miss Ayisha Jumaila and Mr. Muhammad Salah. They also discussed how that platform functions to advance technology for the benefit of all. IEEE and its members inspire a global community with the aid of their highly cited publications, conferences, technology standards, and professional and educational activities. Besides discussing networking's benefits and standards, Maazin and Shameemudheen MP also covered IEEE events.

The #joyofvolunteering in IEEE was the topic of the following session, which was presented by Miss Shahma KP. She discussed how that platform enables users to advertise and look for volunteer opportunities based on their individual skills, short- or long-term availability, local or remote preferences, or other criteria. Miss Fathimath Hanan spoke about the duties of an executive committee, which is typically composed

of the chair, vice-chair, secretary, and treasurer, and is responsible for managing Branch operations.A fascinating part of the presentation was when Miss Rasmina, Mr. Safwan Melethil, and Najith shared their wonderful experiences with IEEE.Regarding the Awards, Scholarships, and their substantial benefits, Mr. Aromal provided a thorough explanation. A treasure hunt competition for relaxing and engaging the students was conducted and led by Ms. Ajisha T.

About Guests and Delegates

About 200 participants attended the session. There were a great number of active participants.

Review | Feedback

The orientation was conducted successfully. It gave the freshers a clear idea about the IEEE membership benefits and the membership procedures also got good feedback from the participants. The event was really interactive and everyone had a great time.

3rd November 2022

ROBOSPIRE-MEME MAKING CONTEST

Objective of Event

A meme-making contest was conducted by IEEE IAS MEA SBC on the topic 'Robotics in the modern world. The objective of the event was to raise the creative skills of the participants on the topic of robotics in the modern world.

Event Description

IEEE IAS MEA SBC conducted an online meme-making contest on the topic of 'Robotics in the modern world. The competition started on 29th October. participants were asked to upload their entries on or before 3rd November. Final judgements were made by the IAS executive members and the winner was selected.

About Delegates

About 10 active participants participated in this meme-making contest.

Review | Feedback

The meme-making contest was perfectly organized by IEEE IAS MEA SBC and they got positive feedback from participants.

The competition helped the participants to improve their competitive skills and to explore a bundle of new knowledge.

Winner of the Competition:

Muhammed Basim.p (MEA engineering college Perinthalmanna)

19th & 20th November 2022

ENVISION'22

Objective of Event

Envision'22 is a two-day professional Summit organized by IEEE MEA SB. The event mainly focused on the skill development of students. It was put forward with the aim to realize the students of their area of interest and work accordingly. Envision'22 consist of Ideathon, Debates,Workshops and Networking Sessions.

Event Description

IEEE MEA SB conducted ENVISION'22, A 2-day professional summit on 19th and 20th of November 2022 at MEA Engineering College, Perinthalmanna. The event commenced at 5.00 PM IST on 19th november with a treasure hunt. It was planned for the delegates. The house that gathered all the clues and

arrived at its destination first would be deemed the victor of the time-limited activity. Delegates were running from pillar to post in excitement to find their next clue. Each tip was presented to the participants as a riddle; they truly enjoyed cracking the codes. The inhabitants of the house demonstrated amazing cooperation and coordination. Finally, it was a treat to see the winners, who had enormous smiles on their faces, discover the "treasure."

Following the treasure hunt, delegates were given the opportunity to participate in a session, debate, and ideation at ENVISION '22 with the goal of improving their public speaking abilities and teaching them how to be articulate while expressing their ideas and perspectives. The class was a kaleidoscope of ideas, points of view, and opinions that helped the students learn more about and comprehend the range of subjects covered. The crowd cheered and clapped in agreement with the points made. Even some of the points caused us to consider the data. There was a good amount of talent present. Some discussions wandered. The competition

was engaging since students could express their viewpoints by weighing the pros and cons equally.

Day 1 was concluded by a cultural and icebreaking session done by our own students. Volunteers and Delegates alike had an unforgettable evening.

The workshops were held on the second day. Web Designing was one of the workshops handled by Farish Basha T M, Ajisha T, Hashim Althaf and Safvan Melethil on 20th November. The session covered a lot of topics on the basics of web design. The active participation of the delegates was guaranteed throughout the session. The workshop was interactive. The mentors cleared up all of the attendees' doubts. A mini website was created using HTML. It mainly focuses on creating codes and its uses to design a website. The workshop maintained a basic level which was favorable and knowledgeable for the participants.

Graphic design was one of the workshops handled by Mr. Sinan, Mr. Nadhi and Mr. Misab on 20th November. The aim of this session was to introduce delegates about graphic design , and the mentors helped them to teach more things about this such as the mentors helping themselves with text, creative designs, informative graphics or pictures that can convey ideas and information more effectively. And this results in delegates to create their own ideas and they portrayed themselves with it . Mentors also began to teach the delegates how to design attractive visuals, effective communication of ideas, higher visibility and enhanced credibility to push traffic to the poster. The workshop maintained a basic level

which was favorable and knowledgeable for the delegates .

Basic coding was one of the workshops handled by Fathima Hanan KT, Muhammed Salah, Ayisha Jumaila TP and Fathima Karat on 20th November. The session covered lots of topics about C programming language.The delegates were actively involved with this session which resulted in an interactive session throughout . The mentors helped the delegates , who suffers from the basic of coding and they helped them to involve themselves more with the programming skills over it to improve their coding skills , and they helps them to keep with programming from the beginning and rectify them over their mistakes in codes .The workshop maintained a basic level which was favorable and knowledgeable for the participants.

Review | Feedback

Around   students were participated
The event was organized successfully and the participants gave overall positive feedback. The students were able to learn new things and realize their area of interest. The event played a major role in finding each and everyone's potential.

14th January 2023

JUST A MINUTE (JAM) COMPETITION

The JAM competition was conducted for the students in the SB under the name "JAM - Just a minute" on 14th January 2023. The programme was designed for IEEE fresh members and it was organized through an online platform. A variety of topics were given to the participants on the spot. A period of one minute is given to each participant to express their thoughts and views. The participants expressed their vibrant involvement with the sporty participation and interactions. The competition was concluded by announcing Mohammed Sanabil, Bhramanad, Shishana and Mishab V as winners of the programme.

Objective of Event

This programme is proposed with the intention of providing a platform for students for showcasing their talents and capabilities. This also intends to encourage students with the further development of their communication capabilities. Participants are allowed to express their thoughts and views on the particular topics and thereby interact with each other.

Event Description

About Judges & Delegates

Judges:

Miss. Ayisha Jumaila TP| Secretary at IEEE MEA SB

Mr. Mohammed Salah| Chairperson at
IEEE CS MEA SBC
The programme had about 70
participants form the SB

Review | Feedback

The programme brought out the best in
the students and helped them to develop
their skills.

28th January 2021

DEBATE COMPETITION

Google Meet

Objective of Event

This programme is proposed with the intention to help individuals develop a range of skills, from communication and critical thinking to research and confidence. This also intends to encourage students with the further development of their communication capabilities. Participants are allowed to express their thoughts and views on the particular topics and thereby interact with each other.

Event Description

The Debate competition was conducted for the students in the SB on 28th January 2023. A variety of topics were given to the participants .A period of five minutes is given to each team to express their thoughts and views. The participants expressed their vibrant involvement with the sporty participation and interactions. The event is conducted through online platforms. The competition was concluded by announcing Team Web Spiders, Alchemists and Triumph as winners of the programme.

About Judges & Delegates

Judges:

Miss. Fathima Karat | Secretary at IEEE CS MEA SBC.
Miss. Ayisha Jumaila TP| Secretary at IEEE MEA SB.
The programme had about 70 participants form the SB

Review | Feedback

The event allowed individuals to improve their communication skills, including their public speaking, presentation, and listening skills. The programme brought out the best in the students and helped them to develop their skills.

30th January 2021

ADVERTISING COMPETITION

Google Meet

Objective of Event

This programme helps students to gain practical marketing and advertising experience through competitions, getting a sense of what it's like to work in these industries. This also intends to encourage students with the further development of their communication capabilities. Participants are allowed to express their ideas and views on the particular product and thereby interact with each other.

Event Description

The Advertisement competition was conducted for the students in the SB on 22nd January 2023. The programme was designed for IEEE fresh members and it was organised through an online platform. In order to promote a specific good, service, or brand, participants were urged by the event to come up with fresh and imaginative ideas. Participants had the chance to present their proposals to a panel of judges at the end of the competition, who will rate the designs according to their impact, innovation, technical merit, creativity, and impact. The competition was concluded by announcing Team Alchemists, as winners of the programme.

About Judges & Delegates

Judges:

Mr. Shameemudheen |Treasurer at IEEE MEA SB

Mr. Aromal PS| Technical Coordinator at IEEE MEA SB

The programme had about 70 participants form the SB

Review | Feedback

This competition gave competitors the chance to hone their marketing, advertising, and creative abilities and receive useful knowledge that they can apply to their future employment. The programme brought out the best in the students and helped them to develop their skills.

7th February 2023

USER TEST COMPETITION

Objective of Event

The programme aims to develop the technical skills and technical knowledge of the students. This web testing's goal is to assess the website's performance, usability, compatibility, security, and functionality. Additionally, it hopes to inspire students to continue honing their technical skills.

Event Description

A User Test Competition was held for the students of IEEE MEA SB on 7th February 2023.
The programme was designed for IEEE fresh members and it was organized through an online platform. The participants were divided into eight groups with each group having twelve members. The participants showed great interest and active participation throughout the programme. Later, Mr. Mishab from Inferno,Mr. Haneen from Alchemist, Mr. Vasif Abdullah from Spark plugsand Mr. Shadhaan from Triumph were declared as the winners of the programme.

About Judges & Delegates

Judges:
Miss. Ayisha Jumaila TP | Secretary at IEEE MEA SB
Mr. Mohammed Salah| Chairperson at IEEE MEA SBC
The programme had about 50 participants form the SB

Review | Feedback

The programme helped to improve and develop the technical knowledge and skills of students.

9th February 2023

QUIZ COMPETITION

Quizizz

Objective of Event

This programme is proposed with the intention to provide an interactive and engaging way to test and challenge a person's knowledge on a particular topic or subject. A quiz is designed to assess the extent of one's knowledge and understanding of a specific subject.

Quizzes can help students improve a range of skills, from memory and problem-solving to time-management and attention to detail.

Event Description

Quiz was conducted as the third task of the event, VIBGYOR. The task was conducted through an online platform called Quizizz. Quiz was an individual task and each participant had half an hour to complete the quiz. The topic or area for the quiz was already provided for the participants to refer to if they want.

The skills and involvement of the participants made the task more competitive. The participants were able to demonstrate their knowledge and gain information about the area given for the quiz.

About Judges & Delegates

Judges:
Mr. Shameemudheen |Treasurer at IEEE MEA SB.

Mr. Aromal PS| Technical Coordinator at IEEE MEA SB.

The programme had about 70 participants from the SB.

Review | Feedback

The competition had a positive impact on students by improving their academic performance, motivation, memory retention, critical thinking, and confidence. The programme brought out the best in the students and helped them to develop their skills.

17th February 2023

PROJECT COMPETITION

Google Meet

Event Description

Project development and its presentation was the sixth task as part of the event, VIBGYOR. The project was conducted in 3 phases - Ideation, Design and Implementation, Presentation and Report. The task was conducted as a group project where each group submitted their reports after each phase to the event chair. At the first phase, the team had to identify a problem and a potential solution, design them and present the project. The presentation was conducted online through google meet where one or two members presented their project. The task was incredible, and everyone on the team got to showcase their competitive talents. Team Zizzle Strak, Triumph and Inferno are the winners.

Objective of Event

This project competition is to encourage individuals or teams to showcase their skills, creativity, and innovative ideas by developing a project or solution to a specific problem or challenge. This also intends to encourage students with the further development of their communication capabilities. Participants are allowed to express their thoughts and views on the particular topics and thereby interact with each other.

About Judges & Delegates

Judges:

Mr. Aromal PS| Technical Coordinator at IEEE MEA SB.

Mr. Mohammed Salah | Chairperson at IEEE MEA SB.

Miss. Ayisha Jumaila TP | Secretary at IEEE MEA SB.

The programme had about 70 participants form the SB

Review | Feedback

The programme brought out the best in the students and helped them to develop their skills. This competition helps to provide participants with a platform to showcase their skills and creativity, gain practical experience, learn from other teams and experts, network with peers, and boost their confidence.

19th February 2023

TREASURE HUNT COMPETITION

Online

successful and enjoyable activity for the participants as they did it as a team. The treasure hunt was conducted online through Google Drive, where PDF folders were provided, and the folders were encrypted by password. The participants had to solve a series of questions to reveal the password to access the next folder. The last answer will take the team to the treasure. the task was entertaining and all the whole team contributed their best to find the treasure. The team had to complete the task within an hour and 4 teams reached the treasure, the first one to find the treasure was selected as the winning team. Skills like decision making, problem solving, team management, were improved by participating in the event.

Objective of Event

The objective of the event is to create an engaging and challenging game that requires participants to work together, solve problems, and have fun while exploring their surroundings.

Event Description

A Treasure Hunt was conducted as a final task of the event VIBGYOR, which was the task red. The task was a

About Judges & Delegates

Judges:

Mr. Shameemudheen |Treasurer at IEEE MEA SB

Mr. Aromal PS| Technical Coordinator at IEEE MEA SB

The programme had about 70 participants form the SB

Review | Feedback

The event helped participants to apply their technical skills and knowledge in a unique and challenging way. It can make a positive impact on individuals, teams, and organizations by promoting skill development, team building, engagement and motivation, learning opportunities, networking opportunities, and innovation.

Awards & Achievements 2020-21

- IEEE IAS CMD Humanitarian Contest award Winner (Team Hum-BOT Wheelchair)
- 5000+ Participants in 12 Webinars. (From 11 different nations)
- Razeen Abdul Gafoor Doodling Competition winner in OOORION (By IEEE PES Kerala Section).
- Krishna M winner in Malabar hub technical riddle competition.
- IEEE PES SBC Formation.
- Leading Squad in Malabar hub WAR.
- Outstanding membership development volunteer IEEE MSS 2020 - Muhammad Musharraf.
- Outstanding office bearer IEEE SBC, IEEE MSS - Muhammad Fawad.
- Best Student Volunteer 2020 - IEEE CS Kerala Chapter- Muhammad Fawad.
- Second Position - Snag the Insignia - IEEE IA/IE/PELS Jt. Chapter Kerala.
- Muhammad Musharraf selected as ECC at IEEE IA/IE/PELS Jt. Chapter Kerala.
- Completion of SYWLC 2020 in collaboration with IEEE Region 10.