IEEE STUDENT
BRANCH OF
MOHANDAS
COLLEGE OF
ENGINEERING AND
TECHNOLOGY

# IEEE
# SB
# MCET

## YEAR IN REVIEW 2023-24

# PREFACE

As the Student Counselor of IEEE SB-MCET **#STB64741**, I am pleased to introduce this Year Book, released on the occasion of the one-year anniversary of our current Student Branch's establishment. This publication commemorates the achievements and endeavors of our dedicated members over the past year, capturing the essence of a period marked by exploration, collaboration, and a shared pursuit of excellence within Mohandas College of Engineering and Technology.

IEEE SB-MCET has remained steadfast in its mission to create meaningful opportunities for students to engage with technology, develop professional skills, and foster a culture of knowledge-sharing. The accomplishments highlighted here reflect the unwavering commitment and creativity of our members, as they embraced each opportunity with passion and purpose.

My heartfelt thanks go out to all who contributed to making this possible, especially the editorial and design teams, whose dedication has brought this Year Book to life.

**Prof. Vijayalekshmi SV**
Student Counselor, IEEE SB-MCET

# WORD FROM THE CHAIR

As Chair of IEEE SB-MCET, I am proud to present this Year Book, showcasing our branch's achievements over the past year. Working alongside a dedicated executive committee and enthusiastic members, I've witnessed the passion that drives our events and initiatives.

Our mission is to equip students with essential technical and professional skills. Through workshops in programming, design, communication, and presentations, we empower students to thrive in today's job market. It has been inspiring to see so many actively participating in these sessions, eager to learn and grow.

The success of our activities relies on the support of our college administration and the hard work of our executive committee. Their efforts create a welcoming environment where every student feels valued.

I extend my heartfelt gratitude to our members, mentors, and supporters who have made this year memorable. We look forward to continuing our journey together, creating even more opportunities for growth and community.

**S Sachin**
Chair, IEEE SB-MCET

# ABOUT IEEE SB-MCET

IEEE SB-MCET at Mohandas College of Engineering and Technology helps students build essential technical and professional skills for success in today's competitive world. Our mission is to educate students on new technologies and industry-standard software, preparing them for career opportunities and strengthening their soft skills.

We offer beginner-friendly workshops in programming, design, communication, and presentation, creating an environment where all students can learn and grow confidently. Led by a dedicated student executive committee, IEEE SB-MCET ensures every student feels supported in gaining the skills they need.

By aligning with industry standards and societal needs, our branch helps students prepare for fruitful careers.

| Current Members | Events Hosted | Students Reached |
|---|---|---|
| 84 | 20 | 303 |

# INDEX

1 November 2023
IEEE SB-MCET
INAUGURATION
and IEEE Awareness by Prof. Nandan S

The inauguration of IEEE SB-MCET marked a significant milestone for our student branch, bringing together esteemed guests and students to celebrate the launch of our journey. The event commenced with a prayer, followed by the Code of Ethics, recited by Secretary Sadhika, and a warm welcome speech delivered by the ExeCom Members.

The inaugural address was delivered by our Director, Ms. Ashalatha Thampuran, who emphasized the importance of IEEE in promoting technical excellence. This was followed by a motivational talk by Dr. Sheela S, our Principal, and a formal inauguration ceremony that included a lamp lighting and a logo reveal led by the Director.

The chief guest, Prof. Nandan S, presented an inspiring inaugural address and received a memento in gratitude for his presence and support. A felicitation address was then given by Prof. Jayaprakash, HOD of CSE, expressing hopes for the branch's future impact.

In addition to the inauguration, Prof. Nandan S conducted a one-hour session on IEEE fundamentals, highlighting the benefits of membership and the resources IEEE offers to students.
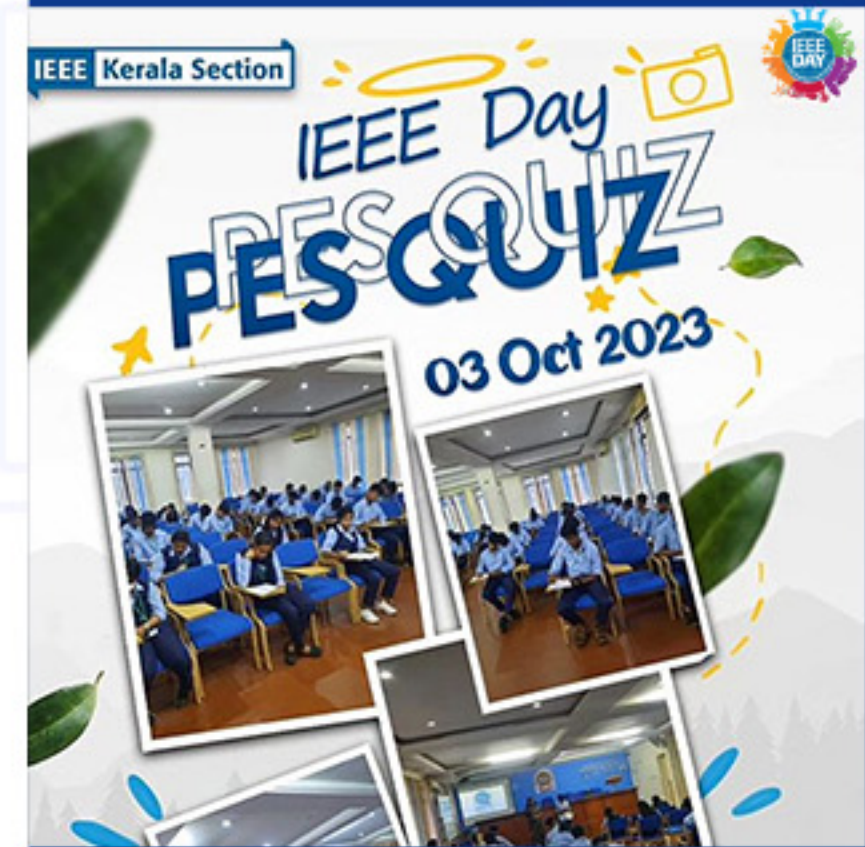
The event concluded with a vote of thanks by S Sachin, marking the beginning of IEEE SB-MCET's dedication to learning, collaboration, and growth within the campus.

**Nandan S**
Treasurer, IEEE KS

# IEEE DAY - PES QUIZ

Conducted on behalf of IEEE DAY with IEEE Power & Energy Society on 03 OCT **2023** at CGPC Hall, MCET. 40+ students attempted the quiz with 3 finalists moving on to State Rounds.
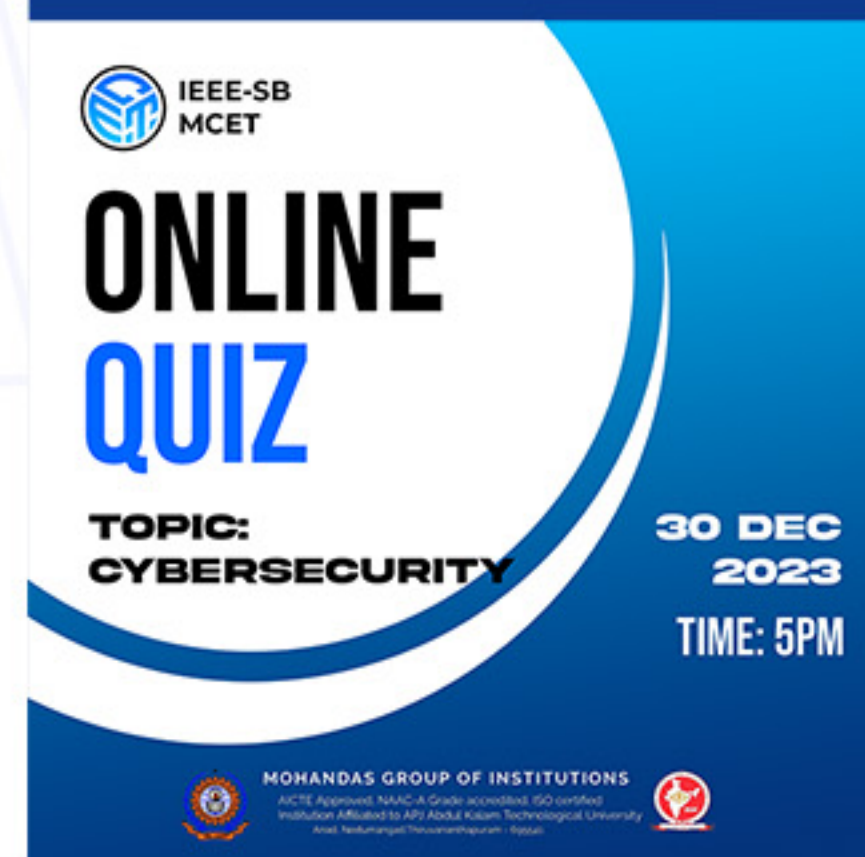


# WEBINAR ON DS & ML

Webinar for fundamentals and implications of Data Science & Machine Learning for engineers by Prof. Subha Ramachandran on 29 December **2023**



# CYBERSECURITY QUIZ

Online Quiz on the topic Cybersecurity held on 30 December **2023** was attempted by 40+ students.

Two Day Workshop on

# Responsive Web Design

March 1 & 2, 2024 and April 12 & 13, 2024

This two day workshop series was arranged to a total of 50 students over two sessions, where they were taught the fundamentals of web design ang how RWD impacts modern day internet media and UI/UX design principles. The students were instructed on HTML5, CSS3 and JavaScript by in-house certified professionals, who then instructed them on creating a personal portfolio landing page. All 50 students were succesful in programming, sourcing and hosting their own personal portfolio landing pages which were then put up for display. This was our most succesful worskhop series were students were taught beginner to amatuer level coding principles.

# Comm Connect

6 April 2024

This one-day training session on communication and leadership skills engaged 50 students in a range of interactive activities and group exercises. The program included sessions on "Communication and Its Types" and "Listening Skills," with students participating in discussions and team-building activities. Then students explored essential communication techniques through hands-on activities, including charades-style exercises and teamwork tasks. CommConnect was a successful workshop that strengthened students' communication and leadership abilities through interactive learning.

# GPT 101 - INTER COLLEGE WEBINAR

Our first fully self-hosted intercollegiate event, GPT 101, was a resounding success, drawing an impressive 122 participants, on 28 August 2024

Led by Nayana S, Assistant Cloud Engineer at SADA, the session covered a range of exciting AI topics. Participants learned about the evolution of GPT models (GPT-3 and GPT-4) and explored advanced tools such as Runway ML, Gamma, Zapier, Perplexity AI, Claude AI, and Google Gemini. The interactive format encouraged active participation, with attendees engaged in discussions and questions that deepened their understanding of AI's capabilities.

GPT 101 not only offered valuable insights into AI but also reinforced our branch's commitment to fostering a vibrant learning community.
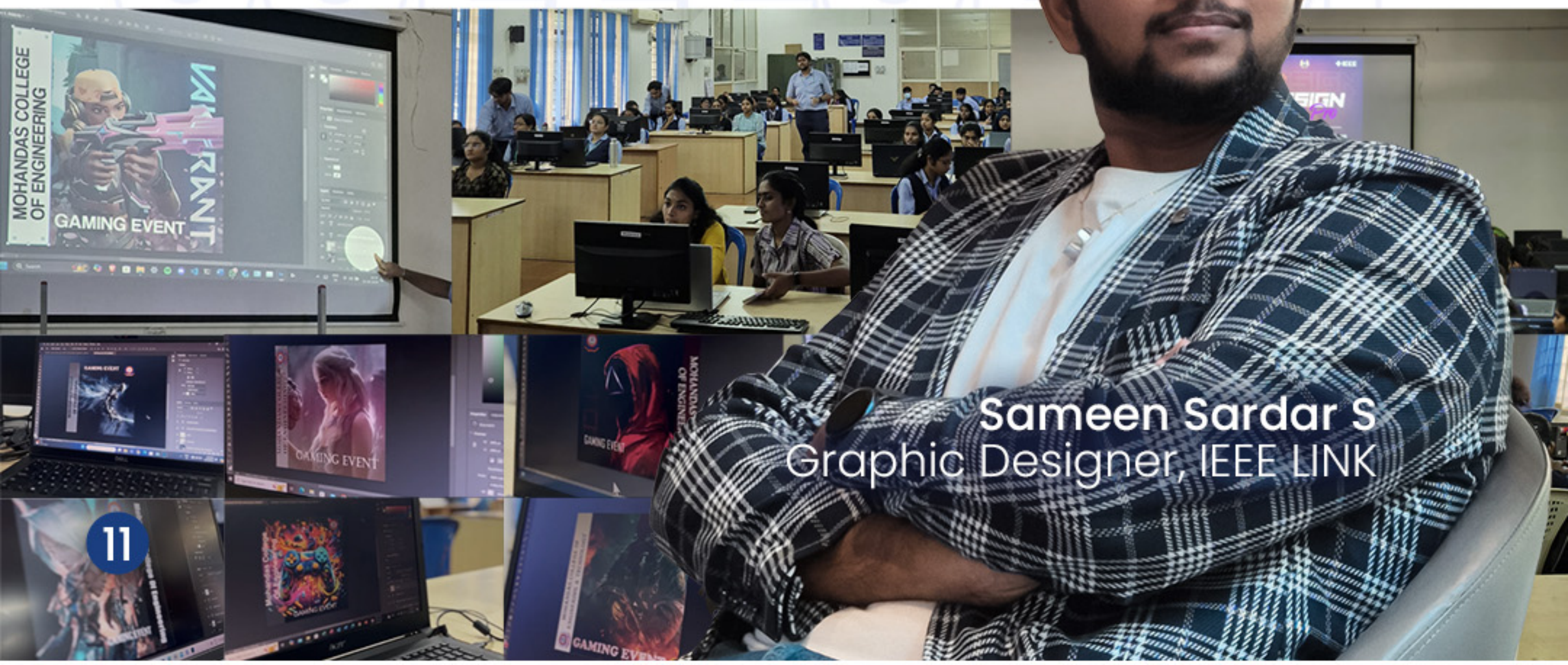
**Nayana S**
Asst. Cloud Eng, SADA

# GRAPHIC DESIGN WORKSHOP

This beginner-focused Photoshop workshop introduced 45 students to the essentials of digital design using Adobe Photoshop 2023. The session provided hands-on guidance in key design principles, covering tools such as layers, selection methods, brushes, and basic photo editing. Led by in-house designer Sameen Sardar, the workshop walked participants through creating simple graphics and retouching techniques, culminating in a mini-project where students designed their own posters.

Throughout the session, students engaged actively, learning foundational skills to confidently explore Photoshop. By the end, all attendees had completed their projects, marking the workshop as a successful introduction to digital design fundamentals.

Sameen Sardar S
Graphic Designer, IEEE LINK

# MCET VALORANT SCRIMS

MARCH 28 - 31 2024

MATCH 1; 8:00
MATCH 2 :9:15
MATCH 3:10:15

## DAY-1 SCHEDULE
**28TH**
INS VS NUV
TXS VS INS
NUV VS TXS

## DAY-2 SCHEDULE
**29TH**
MON VS SEN
ECO VS MON
SEN VS ECO

FOR MORE DETAILS OR ANY DOUBTS CONTACT THE ADMINS

# MCET VALORANT SCRIMS

MARCH 28 - 31 2024

MATCH 1; 8:00
MATCH 2 :9:15
MATCH 3:10:15

## LOSERS MATCH
COMPETE FOR THE 3RD PLACE

### DAY-3 SCHEDULE
**30TH**
SEN VS NUV
INS VS ECO

WINNERS OF BOTH THE MATCHES WILL BE FIGHTING FOR 3RD PLACE

FOR MORE DETAILS CONTACT THE ADMINS

# MCET VALORANT SCRIMS

MARCH 28 - 31 2024

MATCH STARTS FROM 8:00PM

## GRAND FINAL
MCVT SCRIMS

### DAY-4 SCHEDULE
**31ST**
TEX vs MON

THERE WILL ONLY BE A BREAK OF 5MINS IN BETWEEN THE MATCHES

FOR MORE DETAILS OR ANY DOUBTS CONTACT THE ADMINS

# 28 – 31 APRIL 2024
# MOHANDAS COLLEGE VALORANT TOURNAMENT
## hosted by IEEE SB-MCET
## in collaboration with Atom Guy YT

Six Teams of Intra-College participants competed in a High Stakes Valorant Tournament over the span of Four Days. The entire event was live-streamed by Atom Guy YT which garnered over 25,000 views on Youtube.

# ENTHALPY 2.0
## SECTION STUDENT BRANCH REVIVAL
### by IEEE LINK & IEEE Travancore Hub, and hosted by IEEE SB-MCET

Held on 29th June 2024, Enthalpy 2.0 was a Section Student Branch Revival (SSBR) Initiative by IEEE Travancore Hub, IEEE Kerala Section, and IEEE LINK, hosted at Mohandas College of Engineering and Technology. Running from 9 AM to 4 PM, the event began with an inauguration and an ice-breaking session, creating a collaborative atmosphere among student delegates and volunteers.

The program featured informative sessions, including MD Best Practices by Amina Nagmi and Salih Yoosaf, which covered essential resources like Group Challan and attending IEEE YESS. Hariprasad led a session on Opportunities and Benefits for members, detailing branch funding and awards. Digi Keralam, a digital literacy campaign by Kerala's LSGD, was presented by Sajina Sathar, followed by a session on SB Rebate Claiming and Execom Structure by Dilber P and Kedar Kamalraj.

The afternoon included Membership Engagement activities and a discussion on SB Best Practices, where successful branches shared strategies, and mentorships were assigned to less active branches. The day concluded with a panel on IEEE membership importance and a Q&A session with the LINK team, marking Enthalpy 2.0 as a highly impactful initiative for student branch development.

# RISE

Reflect, Inspire, Share & Evolve - RISE is a long term initiative by IEEE SB-MCET to unlock potential of each student one at a time. Set to commence for each department by **early 2025.**



# EMPOWER HER

Empower Her is a one day hands-on self defense training event for the women of MCET to be hosted in collaboration with Chiraath - Women's forum of MCET by **early 2025.**



# MCVT-SEASON TWO

The second season of Mohandas College Valorant Tournament featuring Inter-College particpants is set to begin by **late 2024.**
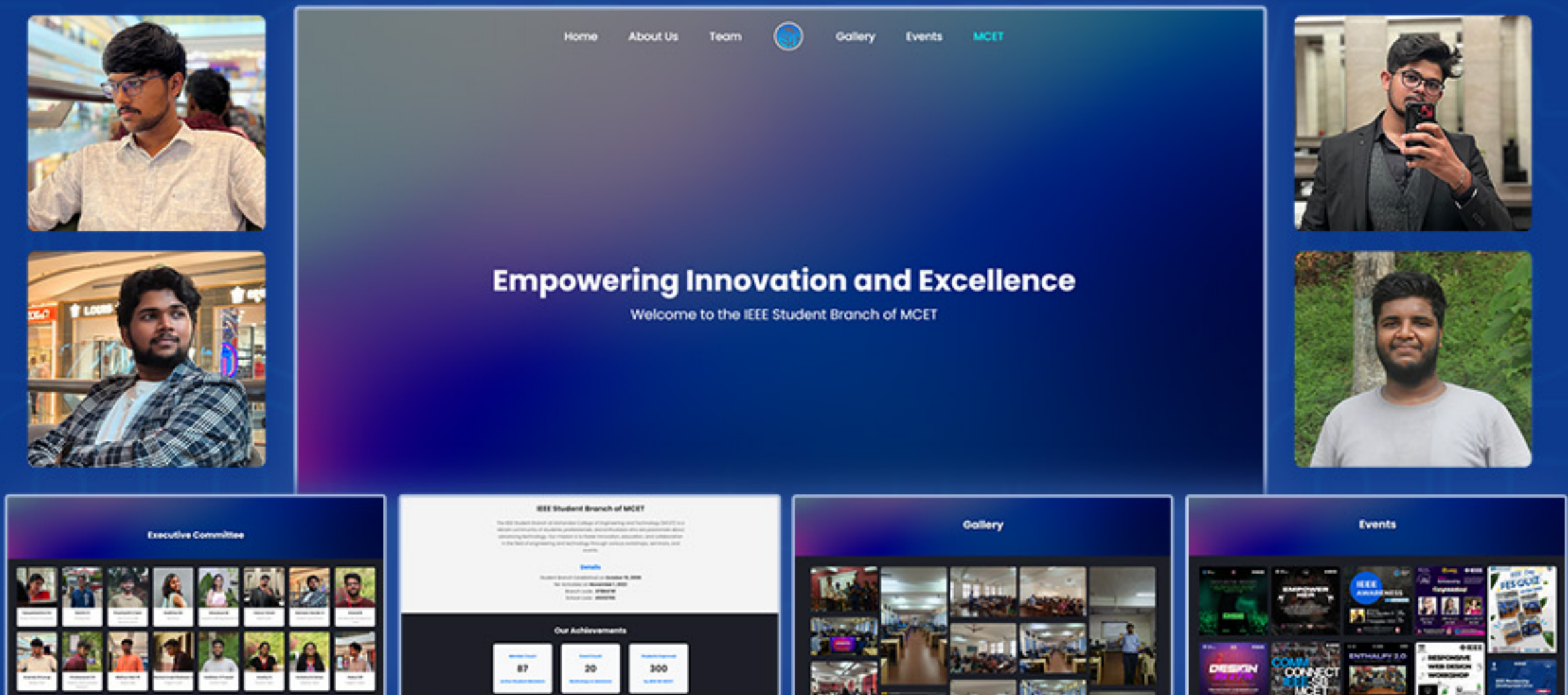
# STUDENT BRANCH REPRESENTATION

The ExeCom Panel of IEEE SB-MCET travelled thorughout the jurisdiction of IEEE Kerala Section to get the word of our Student Branch out, as much as possible by attending the various events under IEEE. Starting with **AKPESC** at RIT Kottayam on 27, 28 & 29 Oct 2023. Then **Cygnus 2024** at Muslim Association College on 23 Feb 2024 upon SB Invitation. Then attended **i5 – Iginite Imagination & Inspire Iconic Innovations** at Digital University, TVM on days 1, 2 & 3 March 2024. We got to host **Enthalpy 2.0** at MCET on 29 June 2024. Then we got to attend **Renaissance 5.0** at College of Engineering, Chenganuur on 14 July 2024. Finally the ExeCom was invited to the largest Student Congress under IEEE at **IEEE YESS**, hosted by MITS, Kochi on 24 Aug 2024.

# PRODUCTS OF IEEE SB-MCET

As part of IEEE Day celebrated on 1 October 2024, Our student branch wanted to do something special that will stand out from the crowd. Hence, our in-house developers Anandu, Sameen, Varun & Vaibhav crunched night and day to launch The Student Branch's very own Landing Page.
Visit it at **https://ieee-sbmcet.netlify.app**

Along with the website, on this year's IEEE Day, IEEE SB-MCET published it's first weekly tech digest **The MCET Update**, which includes top weekly stories from The IEEE Spectrum magazine, summarised for engineering students. All volumes are updated in our website weekly.

# WINNERS FROM IEEE SB-MCET



**Abhirami JS, Aparna Devi M & Aparna SS** are the recipients of IEEE Women in Engineering Scholarship worth ₹50,000 each funded by Quest Global & IEEE India Philathropy.



**PS Gouri** is the winner of Mandala Art contest held by IEEE KS WIE.

**Sameen Sardar S & Anandu B Kurup** were selected as Designers under IEEE LINK.



**Ajimi AS, Niranjan H & Mohit P Panicker** are the winners of IEEE PES Quiz Phase 1 conducted at MCET.

# EXECUTIVE COMMITTEE 2023-24

**Vijayalekshmi SV**
Student Counselor

**Biju GR**
IEEE Advisor

**S Sachin**
Chair

**Prasanth S Nair**
Vice-Chair

**Sadhika SK**
Secretary

**Aiswarya M**
Treasurer

**Varun Vinod**
Webmaster

**Sameen Sardar S**
Content Lead

**Anand B**
MD Lead

**Anandu B Kurup**
Design Lead

**Vivekanand VS**
Publicity Lead

**Midhun Nair RI**
Media Lead

# EXECUTIVE COMMITTEE 2023-24

**Muh. Shaheen**
Program Lead

**Vaibhav Prasad**
Design Team

**Arathy G**
Content Team

**Kshethra Krishna**
Program Team

**Gokul GR**
Program Team

**Ardhra S Kumar**
MD Team

**Nathanial KJ**
MD Team

**Mohandas College of Engineering and Technology**
IEEE Student Branch

This Year Book in it's entirety is drafted & designed by IEEE SB-MCET. For any queries regarding this document, please contact the Student Branch via email : **ieeesb@mcet.ac.in**

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Connect with us on Linkedin **ieee-sb-mcet-stb64741**
Mail us at **ieeesb@mcet.ac.in**