



**DISCOVER  
REFLECT  
CONNECT.**

# **BASELIOS MATHEWS II COLLEGE OF ENGINEERING**

SEPTEMBER-DECEMBER 2023

A glimpse into the vibrant life at BASELIOS MATHEWS II COLLEGE OF ENGINEERING – featuring events, milestones, and student achievements.

Editorial Board

Prof. Dennise Mathew – Chief Editor  
Prof. Jayakrishnan R – Staff Coordinator  
Shine Varghese Saju – Student  
Coordinator

# **ECHO.**

# Director's desk



## **Rev. Fr. Thomas Vargheese**

As we present this newsletter for the year 2024-2025, I take great pride in the vibrant academic culture it represents. Showcasing the milestones of our students and staff brings visibility to their dedication and reflects the true spirit of BMCE. Best wishes to the editorial team for this wonderful initiative.

# Principal's message

## **Prof. Dr. L. Padma Suresh**

The publication of the BMCE newsletter is a celebration of the talent, effort, and vision that define our institution. I commend the editorial team for curating this valuable platform of recognition and inspiration. May it continue to encourage all to pursue excellence with renewed passion.



# From HOD's desk



## **Mrs. Manolekshmi I , Ph.D**

It brings me great joy to see students develop their talents and emerge as independent thinkers. We prioritize quality education, real-world applications, and a growth mindset. The journey from learner to leader is guided by constant support and motivation. I am confident that our students will be known not only for their technical skills but also for their integrity, adaptability, and vision for the future.

# Vision of the Department

To be recognized and respected as a premier institution producing computer professionals.

To create an energetic environment where ethics and morals are maintained & pay attention to edify the students to build value.

To enhance the placement of our students by fostering a better fit between their career goals, imbibing start-up ideas for entrepreneurship, and securing meaningful employment opportunities.

# Mission of the Department

To establish and manage a professional institution, which promotes academic excellence in students for meeting the ever-growing Information Technology demands.

To give a right understanding and to imbibe into the minds of the students a deep sense of morality and ethical standards so as to develop potential personalities.

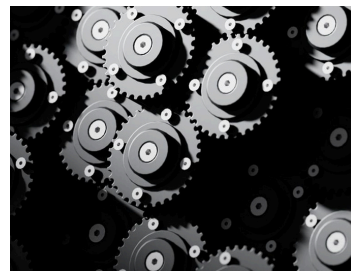
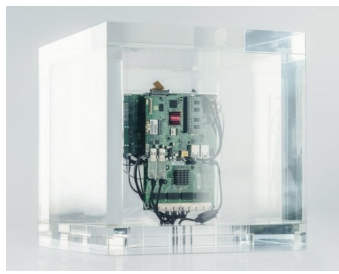
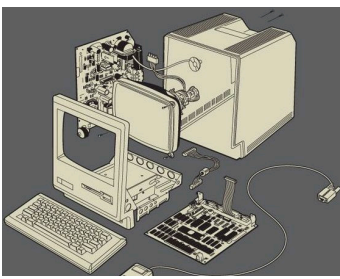
To provide best infrastructural facilities, principle-centered education and competent faculty in the Institution.

To bestow special attention in molding the character of the students, enabling them to become responsible citizens.



The Department of Computer Science and Engineering at Baslios Mathews II College of Engineering, established in 2002, offers a B-Tech program with an intake of 120 students, plus six lateral entry seats.

The Department has experienced faculty with postgraduate and doctoral qualifications, actively involved in research and continuous professional development. With world-class infrastructure and modern facilities, it aims to provide quality education that builds a strong foundation for success in the global tech industry.



# Tech Snippets !

## The Rise of Internet of Things (IoT): Connecting Our World

— Students' Corner, BMCE Newsletter

The way we live, work, and interact with technology is rapidly changing, thanks to the Internet of Things (IoT). Simply put, IoT refers to a network of physical devices—like smart home appliances, wearable fitness trackers, connected cars, and even industrial machines—that are linked together via the internet to collect and exchange data.

IoT is transforming everyday objects into “smart” devices that can communicate with each other and make our lives more convenient, efficient, and connected. For example, your smart thermostat can learn your schedule and adjust the temperature automatically, saving energy and cutting costs. In cities, IoT sensors help manage traffic, monitor air quality, and optimize public services, contributing to the development of smart cities.

For students in engineering and technology fields, IoT presents a world of exciting opportunities. Learning how to design, program, and secure IoT devices opens doors to careers in automation, data analysis, cybersecurity, and more. Hands-on experience with IoT projects can help students understand how software and hardware interact, preparing them for the increasingly interconnected digital world.

However, with great connectivity comes great responsibility. IoT devices generate massive amounts of data, raising important questions about privacy and security. Understanding how to protect IoT networks against cyber threats is becoming an essential skill.

At BMCE, student clubs and labs are encouraging exploration in IoT through workshops and project work, helping students stay ahead in this fast-growing field.

The future is smart, connected, and full of possibilities. Are you ready to be a part of it?

~ Mr. Jayakrishnan R , Asst Prof.