



## HOD's Desk



### RESMARAS

DEAR STUDENTS, FACULTY MEMBERS, AND READERS,

IT IS WITH GREAT PRIDE AND ENTHUSIASM THAT I PRESENT THE JUNE 2024 EDITION OF THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING NEWSLETTER. THIS EDITION SERVES AS A WINDOW INTO THE RELENTLESS PURSUIT OF EXCELLENCE THAT DEFINES OUR DEPARTMENT.

THE FIELD OF ELECTRICAL AND ELECTRONICS ENGINEERING IS ADVANCING AT AN UNPRECEDENTED PACE, AND OUR DEPARTMENT IS DEDICATED TO EQUIPPING STUDENTS WITH THE TOOLS AND INSIGHTS THEY NEED TO THRIVE IN THIS DYNAMIC ENVIRONMENT. WE ARE COMMITTED TO FOSTERING A CULTURE OF INNOVATION, ACADEMIC RIGOR, AND MEANINGFUL ENGAGEMENT WITH THE INDUSTRY TO PREPARE OUR STUDENTS FOR THE CHALLENGES AND OPPORTUNITIES AHEAD.

THIS NEWSLETTER CELEBRATES THE MANY ACCOMPLISHMENTS OF OUR DEPARTMENT OVER THE PAST MONTHS. FROM GROUNDBREAKING RESEARCH AND INNOVATIVE PROJECTS TO STUDENT ACHIEVEMENTS AND IMPACTFUL EVENTS, THESE HIGHLIGHTS UNDERSCORE THE DEDICATION AND PERSEVERANCE OF OUR FACULTY AND STUDENTS.

I EXTEND MY HEARTFELT GRATITUDE TO ALL THE CONTRIBUTORS WHO HAVE MADE THESE ACHIEVEMENTS POSSIBLE—OUR FACULTY FOR THEIR GUIDANCE, OUR STUDENTS FOR THEIR ENTHUSIASM AND HARD WORK, AND OUR ALUMNI FOR THEIR CONTINUED SUPPORT. A SPECIAL THANKS TO THE EDITORIAL TEAM FOR THEIR EFFORTS IN COMPILING THIS EDITION AND CAPTURING THE ESSENCE OF OUR DEPARTMENT'S ACTIVITIES.

AS WE STEP INTO THE MONTHS AHEAD, LET US CONTINUE TO STRIVE FOR EXCELLENCE AND PUSH THE BOUNDARIES OF WHAT IS POSSIBLE IN THE REALM OF ELECTRICAL AND ELECTRONICS ENGINEERING. TOGETHER, WE CAN CREATE A FUTURE THAT IS BRIGHTER AND MORE INNOVATIVE THAN EVER.

## VISION

To emerge as a center of excellence bringing forth globally competent and socially committed Electrical and Electronics Engineers.

## ABOUT THE DEPARTMENT

THE B.TECH PROGRAM ELECTRICAL AND ELECTRONICS ENGINEERING OFFER A UNIQUE MIX OF ELECTRICAL, ELECTRONICS, INSTRUMENTATION, CONTROL ENGINEERING AND COMPUTER RELATED COURSES THAT ENABLES THE STUDENT TO CHOOSE A PROFESSIONAL CAREER T/ OR PURSUE HIGHER STUDIES IN ANY OF THESE STREAMS. THE WIDE RANGE OF PROGRAM AND OPEN ELECTIVE SUBJECTS OFFERED IN THE B.TECH PROGRAM, COVER A BROAD SPECTRUM OF THE SUBJECT DOMAIN AND ENABLES THE STUDENT TO SPECIALIZE IN THEIR AREAS OF INTEREST. THE CURRICULUM BASED ON THE CREDIT SCHEME IS PERIODICALLY UPDATED IN CONSULTATION WITH THE EXPERTS FROM INDUSTRY AND ACADEMIA, TO REFLECT THE CHANGES IN THE ELECTRICAL ENGINEERING STREAM.

THE ELECTRICAL AND ELECTRONICS ENGINEERING HAS A TEAM OF COMMITTED AND DEDICATED FACULTY, HAVING A RICH EXPERIENCE IN TEACHING AND ALSO AIMS TO MAXIMIZE THE IMPACT OF TEACHING-LEARNING PROCESS THROUGH THE USE OF INNOVATIVE METHODOLOGIES. THE DEPARTMENT OF EEE HAVING EXCELLENT INFRASTRUCTURAL FACILITIES STATE OF THE ART LABORATORIES AND IT IS AT PAR WITH INDUSTRIAL NEED AND STANDARDS. THE FACULTY MEMBERS OF THE DEPARTMENT ARE WILLING TO TAKE THE RESPONSIBILITY OF THE STUDENT AS A WHOLE AND HELP THEM TO GROW AS BETTER INDIVIDUALS. THE STUDENTS WILL DEFINITELY ENJOY THE GOOD ACADEMIC ENVIRONMENT AND THE NON-POLLUTED ATMOSPHERE. LET US WORK TOGETHER FOR THE BETTERMENT OF THE DEPARTMENT. I WISH YOU SUCCESS IN ALL YOUR FUTURE ENDEAVOURS.

## MISSION

- Impart fundamental concepts to each student to take up on challenging engineering problems.
- Ensure effective learning through quality teaching and proper assessment to achieve the graduate attributes.
- Establish state of the art support facilities to encourage research and to undertake innovative projects.
- Enrich the students with strong interpersonal and managerial skills with professional ethics to meet any challenging situation.



## INDUSTRIAL VISIT



### PROGRAM SPECIFIC OUTCOMES (PSO'S)

- DESIGN, ANALYZE AND TEST COMPONENTS AND SYSTEMS ASSOCIATED WITH ELECTRICAL POWER SYSTEM USING MODERN HARDWARE AND SOFTWARE TOOLS
- SPECIFY AND DESIGN ELECTRONIC SYSTEMS THAT PERFORM CONTROL, ANALOG AND DIGITAL SIGNAL PROCESSING FUNCTIONS

### PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

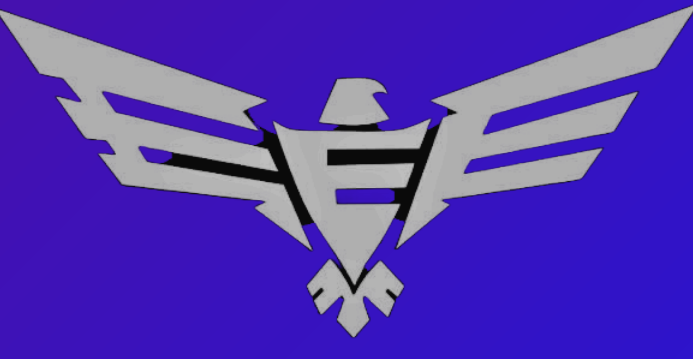
- MAKE STRONG PRESENCE ON A GLOBAL PLATFORM TO TAKE UP THEIR PROFESSIONAL CAREER.
- ENGAGE IN CONTINUOUS UPGRADATION OF THEIR PROFESSIONAL KNOWLEDGE.
- BECOME INNOVATOR, ENTREPRENEUR, RESEARCHER AND/OR TEAM LEADER.





# LANTERN

Department of Electrical and Electronics  
Engineering  
BI-ANNUAL DEPARTMENT CHRONICLE



VOLUME-X

## ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT ASSOCIATION DAY 2023



### STUDENTS ACHIEVEMENT



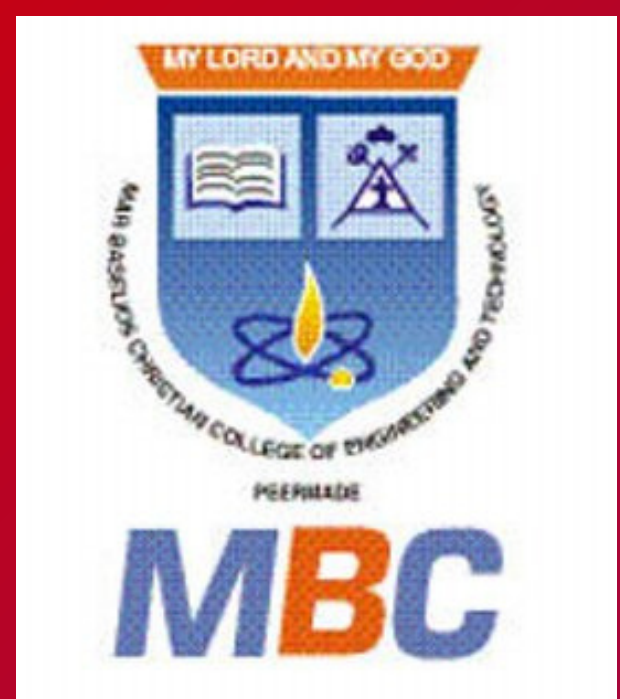
എംബിസി കോളജ് നിർമ്മിച്ച സൗരോർജ്ജ വാഹനം. നിർമ്മാതാക്കളായ വിദ്യാർത്ഥികളാണു സമീപം.

സൗരോർജ്ജവാഹനം  
നിർമ്മിച്ച് വിദ്യാർത്ഥികൾ;  
5 പേർക്ക് കയറാം

### SEMESTER TOPPERS







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## PROJECT EXPO



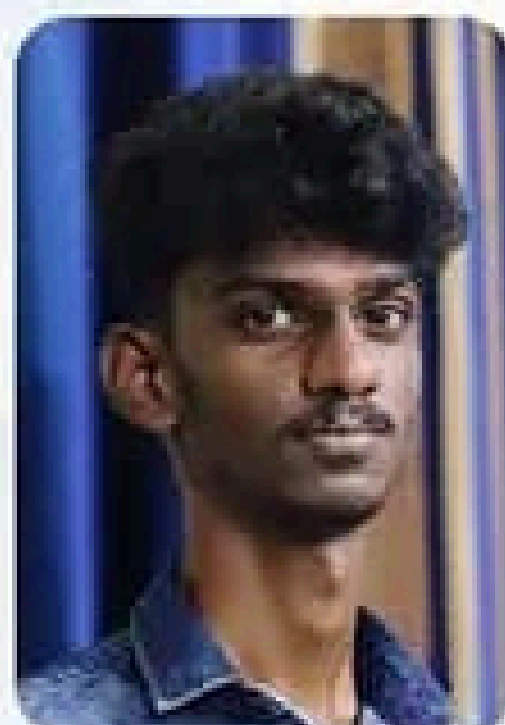
## PLACEMENT



**BLESSON BABU**  
S8 EEE



**PRINCE BABU**  
S8 EEE



**JASWIN DANIEL**  
S8 EEE



**Sundram Fasteners  
Limited**



**CHITHRA A**  
S8 EEE



**ASHLY KUNJUMON**  
S8 EEE



**FEBI MARIAM MATHEW**  
S8 EEE

