

ELECTRICAL GNOSYS

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HOD'S DESK

Prof. Laly James



I am happy to introduce another issue of our newsletter of the year 2023, This issue contains notable achievements of faculty members and students and snapshots of various other activities.

I congratulate all my colleagues and students for their contribution towards the progress of the department.

To my 2023 Pass out students - My best wishes will always be with you all. Have faith in yourself and your knowledge. May you all have a successful career ahead. Thank you for all the wonderful moments that you blessed us with. Happy Farewell!

Wish you all Good Luck!!

VISION

To evolve as a center of excellence, to train students in contemporary technologies, to meet the needs of global industry and to develop them into skillful engineers instilled with human values and professional ethics.

MISSION

To produce competent and disciplined Electrical & Electronics Engineers through delivery of quality education to meet the ongoing global challenges in alignment with technical education system and society.

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“The more that you read, the more things you will know, the more that you learn, the more places you’ll go.” —Dr. Seuss

Faculty and Student Achievements



**Prof. Laly James, HoD EEEE
published a book titled
"DC Machines
and Transformers"**



**Mr. Prabin James, AP, EEE
Selected as the
Professional Activities Chair,
IEEE Photonics Society, Kerala
Chapter**



**Sebin M S of 2020-24 Batch EEE
received 2nd prize in
Long Jump
(KTU Intercollegiate
Athletic Meet AY 2022-23)**

Congratulations

**S2 EEE Students bagged
2nd Prize in videography contest
organized by VJEC as part of
Charity Pilgrim**

Charity Pilgrim



S2 EEE Students visited "Karunyabhavan" as part of Charity Pilgrim on 29th April 2023



PTA Meeting of S2 EEE



1st topper: Thomas Manoj



2nd topper: Elizabeth T Manij



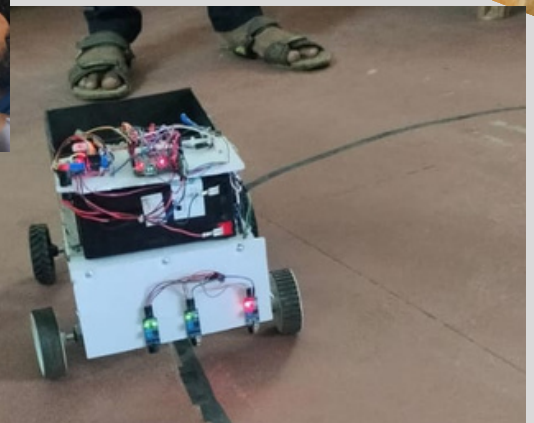
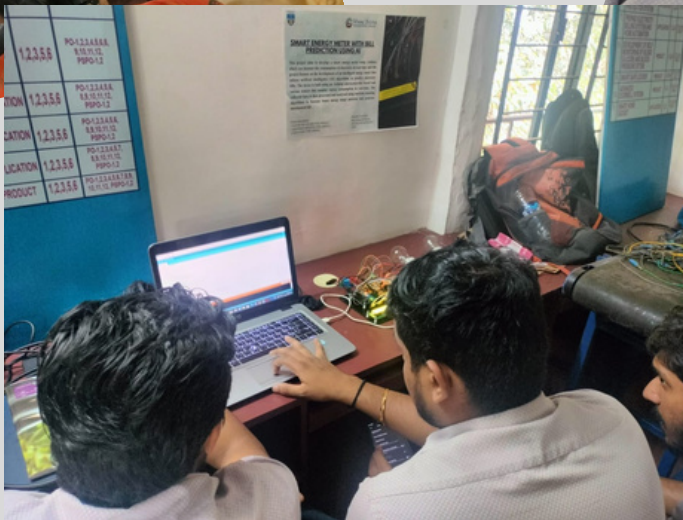
3rd topper: Swathi Priya



3rd topper: Jerin Biju

Project Exhibition

Project expo of 2019-23 Batch were conducted at EEE Project Lab on 12th May 2023



Farewell to Final Year Students

Best wishes for your future endeavors



Farewell to Final Year Students

Best wishes for your future endeavors



Placement

2019-23 Batch

Congratulations



Alen Varghese
ULTS



Nakul Ganesh
Technologics



Ashlyn Wilson
Federal Bank



Dwithi Shivakumar
ACCENTA Education



Renitha
Ramakrishnan
ACCENTA Education



Vaishali Prabhakaran
ACCENTA Education



Abhilash Joseph
Synergy Systems & Solutions



Aswanth Rameshan
Synergy Systems & Solutions



Joel M Jcacob
SP Leak Test &
Automation Pvt Ltd

Program Educational Objectives

1. Graduates will achieve broad and in-depth knowledge of Electrical & Electronics Engineering relating to industrial practices and research to analyze the practical problems and think creatively to generate innovative solutions using appropriate technologies.
2. Graduates will make valid judgment, synthesize information from a range of sources and communicate them in sound ways appropriate to the discipline.
3. Graduates will sustain intellectual curiosity and pursue lifelong learning not only in areas that are relevant to Electrical & Electronics Engineering, but also that are important to society
4. Graduates will adapt to different roles and demonstrate leaderships in global working environment by respecting diversity, professionalism and ethical practices.

Program Specific Outcome

1. Apply the knowledge of electrical fundamentals, circuit design, control engineering, analog & digital electronics to the field of electrical & electronics systems in industry.
2. Develop technical knowledge, skill, and competence to identify comprehend and solve problems in research and academic related to power system engineering, industrial drives & control.

PROGRAM OUTCOMES(POs)

Engineering Graduates will be able to:

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Staff Editor

Mrs. Shelma George
AP, EEE

Student Editor

Rohan K V
S6, EEE

**“LIVE AS IF YOU WERE TO DIE
TOMORROW. LEARN AS IF YOU WERE TO
LIVE FOREVER.”
— MAHATMA GANDHI**