



LUMINANCE

Department of Electrical Electronics Engineering

Biannual Newsletter July 2020 - December 2020
Volume 4, Issue 1

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DEPARTMENT VISION

To excel in engineering education and research, inculcating professional ethics in students and emerge as leaders globally in the field of Electrical Engineering

DEPARTMENT MISSION

- Impart quality education to produce competent electrical engineers capable of extending technological services
- Engage in research and development by promoting innovative ideas and use of state-of-art technologies
- To enable students to meet the challenges in the field of Electrical Engineering through innovations and pursuit of new knowledge and make them ethically driven professionals

SPECIAL ACHIEVEMENTS

- Akshay Babu, Aleena Joseph, Aswathi V. S. and Sharon Joseph Ponthokkan, S8 EEE students published a paper titled “A Novel Approach to Implementation of Lighting Design Using Virtual Reality” in International Journal of Innovative Science and Research Technology, volume 5, issue 7, July 2020.
- Patric Paul Pullukara, Shinton Eappen George, Rose Raphy Pallikunnan and Jipson P V, S8 EEE students submitted a paper titled “Integration of Vehicle to Home using Plugged-in and Solar Charged Electric Vehicle” in International Journal of Innovative Science and Research Technology, volume 5, issue 7, July 2020.
- Antony Paul, Abin Antony, Anand P Nandakumar and Anjali Nebu, S8 EEE students submitted a paper titled “Futurecom power management” in International Journal of Innovative Science and Research Technology, volume 5, issue 7, July 2020.

UNIVERSITY TOPPERS



Patric Paul
S8 EEE
SGPA: 10



Rose Raphy
S8 EEE
SGPA: 9.83



Antony Paul
S8 EEE
SGPA: 9.67



Aswathy V S
S8 EEE
SGPA: 9.67

PLACEMENTS



AESON ACTIVITIES

- Department of EEE conducted a webinar on Grid Modernization and Evolution of Smart Grid by Dr Nithin S, Assistant Professor, Amritha School of Engineering Coimbatore on 25/09/2020
- Department of EEE conducted a webinar on Opportunities after Btech in Electrical and Electronics by Mr Prasanth K G, Junior Engineer, Indian Railway on 26/09/2020 for Electrical students.
- Department of EEE conducted a webinar on Cyber Laws on Indian Youth by Adv Mohan Raj TP , Associate Advocate, High Court of Kerala on 30/09/2020
- Department of EEE conducted a webinar on Opportunities and add on courses for EEE by Prof Adil Nasser, College of Engineering Kidangoor, on 09/10/2020 for S7, S5 students and 2020 passout batch

FACULTY PUBLICATIONS

- Mr. Shimin V V, Assistant Professor, EEE Department, published a paper titled “Improvised E-Rickshaws for Indian Roads by Effective Battery-Ultracapacitor Hybridization” in Advances in Science, Technology and Engineering Systems Journal, Volume 5, Issue 5, Page No 1162-1171, 2020 (Scopus)
- P.K. Athul Vijay, Varsha A. Shah and V.V. Shimin published a paper titled “Energy Based Equivalent Circuit Modelling of Ultracapacitor Considering Variation of ESR with OCV” in International Journal of Power and Energy Systems, 2020.
- V.V. Shimin, Varsha A. Shah and Makarand M. Lokhanden published a paper titled “Energy Based Equivalent Circuit Modelling of Ultracapacitor Considering Variation of ESR with OCV” in International Journal of Power and Energy Systems, 2020.
- Mr. Abhijith R Prasad, Assistant Professor, EEE Department, presented a paper titled “Design & Modeling of Thermal Energy Harvesting System for Power Transformer” in the proceedings of International Conference for Convergence in Technology.
- Ms. Drisya K Sasi, Assistant Professor, EEE Department, presented a paper titled “Interleaved Bidirectional DC/DC Converter Topologies for Solar based Standalone Distributed Generation Systems” in the proceedings of IEEE International Conference on Power System Technology, POWERCON-2020

- Ms. Drisya K Sasi, Assistant Professor, EEE Department, presented a paper titled “A Survey of Bidirectional DC/DC Converters for Battery Storage Applications in Distributed Generation Systems” in the proceedings of IEEE International Conference on Emerging Trends in Engineering Science and Technology (ICETEST 2020) held at GEC Thrissur.

WORKSHOPS/FDPS ATTENDED

- Ms. Ashna Mohan, Assistant Professor, EEE Department, attended a National Level Five Day Online Faculty Development Program on “Real Time Applications of Power Electronics-Research Scope and Challenges” organized by Department of Electrical and Electronics Engineering, Adi Shankara Institute of Engineering and Technology, Kalady, Kerala from 27th July 2020 to 31st July 2020.
- Ms. Ashna Mohan, Assistant Professor, EEE Department, attended a National Level Five Day Online Faculty Development Program on “Research Initiatives in Renewable Energy Systems” organized by Department of Electrical and Electronics Engineering, Muthoot Institute of Technology & Science from 21st July 2020 to 25th July 2020.
- Ms. Drisya K Sasi, Assistant Professor, EEE Department, attended a 5-day online FDP on “Advancements in Electrical Engineering: An Academic & Industrial Approach” conducted by the Department of Electrical Engineering, National Institute of Technology, Silchar from 3rd to 7th August, 2020.
- Ms. Drisya K Sasi, Assistant Professor, EEE Department, attended AICTE sponsored online STTP on Outcome Based Education with Assessment and Evaluation during 7th December to 14th December 2020 at Sahrdaya College of Engineering and Technology, Kodakara, Thrissur, Kerala.
- Ms. Drisya K Sasi, Assistant Professor, EEE Department, attended AICTE Training And Learning (ATAL) Academy Online FDP on "Operations Management" from 2020-12-20 to 2020-12-24 at Atal Bihari Vajpayee-Indian Institute of Information Technology and Management Gwalior.
- Ms. Drisya K Sasi, Assistant Professor, EEE Department, attended AICTE Training And Learning (ATAL) Academy Online FDP on "Energy Engineering" from 2020-12-25 to 2020-12-29 at National Institute of Technology Delhi.
- Mr. Shimin V V, Assistant Professor, EEE Department, attended a One Month Online Internship Program on POWER ELECTRONICS” conducted by RCSS Energies, Nashik from 24th August to 23rd September 2020.