



# LUMINANCE

Department of Electrical Electronics Engineering

Biannual Newsletter      January 2020 - June 2020  
Volume 3, Issue 2

 [facebook.com/eesahrdaya](https://facebook.com/eesahrdaya)

 [instagram.com/eesahrdaya](https://instagram.com/eesahrdaya)

## 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

- Abhay Ramesh and Ananya Menon of S3 EEE passed in NPTEL course on "Introduction to C Programming."

- Delbin K Biju & Harikrishnan K B S6 EEE & Alwin Anto & Shyamkrishna A S of S8 EEE presented a paper on "Power System Resilience Strategies in Kerala Perspective" in the District level Seminar Competition organized by the KSEB Engineers' Association on 19/2/2020.
- Delbin K Biju of S6 EEE & Melwin Davis of S4 EEE has attended Electrical Engineering & Associated Streams Session as a part of second edition of Professional Students' Summit held at CUSAT, Kalamassery on 15/2/2020.
- Aveens Varghese & Fresy Mariya Francis of S6 EEE has attended International Conclave on Industrial Revolution 4.0, organized by ICT Academy of Govt. of Kerala at GEC Thrissur on 06/3/2020 & 07/3/2020.
- Navya Mohan of EEE 2018 - 2022 batch was awarded the Best Academic Performer Award among all colleges of Thrissur district by UIT group International.

## UNIVERSITY TOPPERS



Femi C Anto  
S6 EEE  
SGPA: 10



Fresy Mariya Francis  
S6 EEE  
SGPA: 9.59



Navya Mohan  
S4 EEE  
SGPA: 9.57



Ananya Menon  
S4 EEE  
SGPA: 9.26

## PLACEMENTS

| Name of Student      | Name of the Organisation        |
|----------------------|---------------------------------|
| Aiswarya Preman      | Hexaware Technologies           |
| Aleena Joseph        | Konnecty Digital Solutions      |
| Altia Evon Rodriguez | PKJ Technologies                |
| Anand P Nandakumar   | Hexaware Technologies           |
| Anjali Nebu          | Amazon                          |
| Antony Paul          | TCS                             |
| Ashwin Anto          | PKJ Technologies                |
| Asish P S            | INFOSYS                         |
| Aswathy V S          | Konnecty Digital Solutions      |
| Bennet Shaju         | Steel & Industrial Forging Ltd. |
| Delvin Joseph        | Dronix Technologies             |
| Sreelakshmi Sasi     | PKJ Technologies                |

| Name of Student        | Name of the Organisation  |
|------------------------|---------------------------|
| Edwin Wilson           | Sutherlands               |
| Irine Joy              | PKJ Technologies          |
| Jipson PV              | IMMCO                     |
| Karthik Ramkumar       | Devaditek                 |
| Melvin Poullose        | SFO Technologies Pvt. Ltd |
| Muhammed Riyas         | Amazon                    |
| Patric Paul Pullukkara | G10x                      |
| Rose Raphy Pallikunnan | UST Global                |
| Sebastian KP           | IMMCO                     |
| Sharon Joseph          | PKJ Technologies          |
| Shinton Eappen George  | PKJ Technologies          |

## AESON ACTIVITIES

- Conducted a workshop on “Piccolo Microcontroller and its applications” for S4 EEE students on 23/01/2020 during 1 pm – 4 pm by MC Technologies.
- Conducted a 5 day hands-on training on Autocad 2D for S8 EEE students by CADCENTRE Kodungallur.
- EEE department conducted a Technical Talk on “Electrical Design & Drafting” for S8 EEE students on 18/2/2020 by MrAkhileshkumar C, Grade A Electrical Supervisor MTTC International LLC, Ernakulam.

## FACULTY EXCELLENCE

- Kerala StartUp Mission sanctioned an amount of Rs 2 lakh to develop a semi automatic Banana slicer idea under the mentorship of Mr Sebin Davis K

## FACULTY PUBLICATIONS

- Dr.V.Vijikala, Associate Professor, EEE Department published a paper, “A Novel Decision support system for Malignant Tumor using 3D Reconstruction and Volumetric analysis”, Journal of Research in Dynamical & Control systems Vol 12, No. 3 2020.

- Dr. V. Vijikala, Associate Professor, EEE Department published a paper, “Early detection and classification of breast tumor from mammogram images”, International journal of Psychosocial Rehabilitation ISSN: 1475 - 7192, Vol 24, Issues 3 2020.
- Mr.Shimin V V, Assistant Professor, EEE Department published a paper, “Vector Control Based Regenerative Braking for Induction Motor Driven Battery Electric Vehicles” in International Journal of Power and Energy Systems, 40(3) (SCI)
- Mr.Shimin V.V, Assistant Professor, EEE Department published a paper, “Energy Based Equivalent Circuit Modelling of Ultracapacitor Considering Variation of ESR with OCV” in International Journal of Power and Energy Systems, 40(2).(SCI)
- An International Conference Paper titled “Design and Modelling of Thermal Energy Harvesting system for Power Transformer” of Mr. Abhijith R Prasad got published in IEEE Xplore.

## WORKSHOPS/FDPS ATTENDED

- Ms. Ashna Mohan, Ms. Drisya K Sasi and Ms. Neethu John have successfully completed few online courses in the month of April 2020.
- Ms. Ashna Mohan, Ms. Drisya K. Sasi, Mr. Abhijith R Prasad, Ms. Neethu John and Dr. V. Vijikala are attended different webinars in the period of May - June 2020.
- Mr. Sebin Davis K, Assistant Professor, EEE Department, attended Math Works Training Course conducted at Sahrdaya College of Engineering & Technology.
- Ms. Ashna Mohan, Assistant Professor, EEE Department, attended Math Works Training Course conducted at Sahrdaya College of Engineering & Technology.
- Ms. Merry Mathew, Assistant Professor, EEE Department, attended Math Works Training Course conducted at Sahrdaya College of Engineering & Technology.