

- EV Conclave -

EV Venture

- 19,20 August 2023 -

- Amal Jyothi College of Engineering, Kanjirappally -

WHAT IS IEEE?

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. It was formed in 1963 by merging the American Institute of Electrical Engineers (AIEE) and the Institute of Radio Engineers (IRE). Today, IEEE has about 400,000 members worldwide spread over more than 160 nations, making it the key player committed to developing technology and innovation in a wide range of sectors, across domains. IEEE provides a platform for professionals, researchers, and students to collaborate, exchange knowledge, and foster technological advancements.

WHAT IS EVENTURE?

E Venture is a two-day conclave organized by the Industry Applications Society Chapter of IEEE SB AJCE in collaboration with IEEE/IA/IE/PELS Jt. Chapter Kerala. The conclave brings together electric vehicle buffs, industry experts, and students to discuss and learn about the newest trends in the electric vehicle industry. It provides a both an entertaining and educational experience filled with a variety of happenings, including panel discussions, keynote sessions, industrial level trainings & workshops, EV exhibitions, Networking sessions, Culturals, etc.

IEEE IA/IE/PELS JT. CHAPTER KERALA

Being the only joint chapter in the IEEE Kerala Section, IEEE IA/IE/PELS Jt. Chapter Kerala has been the most vibrant and active Society Chapters till the date. The Industrial Applications Society(IAS), Industrial Electronics Society (IES) and Power Electronics Society(PELS) together constitute the joint chapter. The IEEE IA/IE/PELS Jt. Chapter Kerala has been awarded the prestigious CMD Award for the Outstanding Large Chapter in the year 2020. The IEEE IA/IE/PELS Jt. Chapter was established in 1989. Currently the Jt. Chapter has a total of 1,941 members with over 1,256 IAS members, 111 IES members and 1,290 PELS members.

IEEE SB AJCE ABOUT

Under the auspices of the Student Branch, the Computer Society, Women in Engineering affinity chapter, Solid State Circuits Society, SIGHT and Industrial Applications Society have been founded to help keep members technically up-to-date, network, and cooperate on research and projects. The AJCE Student Branch consists of 150 plus active IEEE Student and Professional Membership holders. It provides a supportive and stimulating environment for students to explore their interests, engage in hands-on learning experiences, and connect with the wider engineering community.

EVENT HIGHLIGHTS

- EV Expo
- Workshops
- Keynote sessions
- Panel discussion
- Networking opportunity with industry leads
- Culturals

WORKSHOPS EVENT

- Hands-on-Workshop on EV Charging
- EV Battery Design using MATLAB
- Kickstart to EV for pre-university student

09:30 am–10:00 am
Inauguration

10:00 am–10:30 pm
Keynote Speech

10:30 pm – 12:00 pm
Panel Discussion

10:30 pm – 12:00 pm
JAM Competition

11:00 pm–03:00 pm
Basic EV Workshop (School Students)

12:00 pm–12:30 pm
Networking Session

01:30 pm–03:00 pm
Entrepreneurship Pitch Competition

01:30 pm–03:00 pm
Talk on Accelerating EV Progress

03:00 pm–04:00 pm
EV Showcase

04:00 pm–05:00 pm
Treasure Hunt Game

05:30 pm–06:00 pm
Membership Development Session

06:00 pm–07:00 pm
Cultural Events and Network Session

DAY ONE DAY

DAY DAY TWO

● **08:30 am – 01:30 pm**
Hands-on-Workshop on EV Charging

● **08:30 am – 01:30 pm**
Workshop (EV Batteries design using
MATLAB)

● **02:30 pm – 03:00 pm**
Closing Ceremony

ORGANIZING COMMITTEE

Chief Patron	Rev. Dr. Fr Mathew Paikatt - Manager Amal Jyothi College of Engineering
Patron	Dr. Lilikutty Jacob - Principal Amal Jyothi College of Engineering
General Chair	Prof Indu Reena Varughese - Branch Counselor IEEE SB AJCE
General Co-chair	Dr. Vasanthi V - Chairperson IEEE IA/IE/PELS Jt. Chapter Kerala Prof. Agi Joseph George - Advisor IEEE IAS SBC AJCE
Technical Chair	Dr. Biju K - Secretary IEEE Kerala Section
Publicity Chair	Prof. Divya N A - Vice-Chairperson IEEE IA/IE/PELS Jt. Chapter Kerala Prof. Jithin K Jose - Jt. Secretary IEEE IA/IE/PELS Jt. Chapter Kerala
Treasurer	Prof. Nitheesh Kurian - Treasurer IEEE IA/IE/PELS Jt. Chapter Kerala
Programme Convener	Dr. Deepak M - Secretary IEEE IA/IE/PELS Jt. Chapter Kerala

Student Coordinators		
	Adithyan S Philip	- Student Representative IEEE IA/IE/PELS Jt. Chapter Kerala
	Chethana Raj	- Chairperson IEEE SB AJCE
	Adithi R Kumar	- Chairperson IEEE IAS SBC AJCE
	Sterin Roy	- Technical Coordinator IEEE IA/IE/PELS Jt. Chapter Kerala
	Pavithra M N	- Kochi Hub SR IEEE IA/IE/PELS Jt. Chapter Kerala
	Vinayak J	- Program Coordinator E Venture
	Amritha K P	- Event Coordinator E Venture
	Devika G	- Event Coordinator E Venture
	Cherian Saju	- Vice Chairperson IEEE SB AJCE
	Dona Maria Joseph	- Vice Chairperson IEEE IAS SBC AJCE

CONTACT US

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