**IA/IE/PELS Kerala chapter**

**Activities 2018**

1. International conference on Power Instrumentation, Control and Computing (PICC2018), January 18-20, 2018, at Government Engineering College Thrissur.
2. Inauguration of IAS SB Chapter of Jyothi Engineering College on 2nd February 2018.
3. Membership development drive at Bishop Jerome Institute Kollam on Feb 21st under the membership development initiative of IA/IE/PELS Jt. Chapter of Kerala Section.
4. 3 day Technology summit ‘ELEKTRA 2018’ at College of Engineering Munnar from 2-4 March 2018.
5. Face to face meeting and Execom meeting of IA/IE/PELS Jt.Chapter Kerala on 25th March 2018 at Kollam.
6. IAS/IES/PELS joint Chapter of Kerala Section together with IEDC Unit of Musaliar College of Engineering, Chirayinkeezhu conducted a workshop on IoT during Mar 9 – 11 at Musaliar College of Engineering.
7. A 1 day workshop on ‘Exploring IoT with Raspberry Pi’ was conducted on 18.03.2018 at College of Engineering Attingal.
8. Under the auspices of the IA/IE/PELS Jt. Chapter, Women's day celebrations were planned and held at Musaliar College of Engg, Chirayinkeezhu on Mar 8.
9. The IAS student branch chapter of NSS College of Engineering Palakkad under IEEE Kerala section was inaugurated on 27th March 2018.
10. Saintgits IEEE PES SB chapter in association with IEEE- IAS SB organized an expert talk and interactive session on modern optimization techniques on 17-March-2018.
11. Workshop on Advanced Robotics by IAS SBC ASIET on 17th March 2018
12. A Seminar talk on “In-vehicle networking for EV technology” was organized by IEEE Industry Application Society Student branch chapter Indian Institute of Space Science and Technology on 11th April 2018.
13. An IEEE-IAS Distinguished Lecture and the official inauguration of the IIST IEEE - Industry Application Society (IEEE-IAS) Student branch chapter at the Indian Institute of Space Science and Technology (IIST) was held on 14th May 2018.
14. IA/IE/PEL Jt.Chapter Kerala section in association with UST Globals organized prelims for coding contest for third year and final year B.Tech students who are IEEE members on 30th June 2018.
15. IA/IE/PELS Jt.Chapter Kerala section has taken initiative to give training to the SB officers of Musaliar College of Engineering Chirayinkeezhu. The training was conducted on 27th June.
16. Industrial visit to Travancore Titanium Products Ltd, Veli, Trivandrum was jointly organized by IA/IE/PEL Jt.Chapter Kerala section and IAS SB chapter Musaliar Engineering College Chirayinkeezhu on 11th July 2018.
17. IAS SBC TKMCE Kollam organized the first session of SIG on AI and IOT on August 6th, 2018.
18. A one day workshop on Artificial Intelligence was organized by IAS SBC NSS College of Engineering on 4th August 2018.
19. The finals of coding contest finals jointly organized by IEEE IAS/IES/PELS Kerala Jt Chapter and UST Globals Trivandrum was held on 1st September 2018.
20. IAS/IES/PELS Kerala chapter in association with Musaliar Engineering Chirayinkeezhu organized school level quiz competition on September 28th. Nearly 600 students participated.
21. The finals of the quiz competition were conducted On October 2nd**.** 67 students from 10 schools participated in the finals.
22. IEEE IAS Student Branch Chapter IIST Organized an expert talk on 12th September 2018 from 3 pm to 5 pm at Conference hall, IIST Campus
23. IEEE IAS SBC IIST organized a workshop on ‘KiCad software for making PCB layout’ on 27th Sept 2018
24. A Workshop on the topic "Characterization and Control of DC Drives" was organized at Indian Institute of Space Science and Technology (I.I.S.T.) on October 2nd, 2018 as a part of IEEE Day, under IEEE IAS Student Branch Chapter IIST
25. ARDUINO Hackathon on 13 october 2018
26. The IEEE PELS Inauguration of VJEC PELS SB chapter was held on 25th October 2018 at Vimal Jyothi Engineering College, Chemperi, Kannur, Kerala.
27. An Industrial visit to VSSC Space Museum, Thumba, Trivandrum  was jointly organized by IA/IE/PELS Jt. Chapter Kerala Section and IAS SB Chapter Musaliar College of Engineering Chirayinkeezhu on 20th October  2018.
28. IAS Jt. Chapter together with PELS SB Chapter of Musaliar College of Engineering conducted a talk on "Power System Protection" by Er K Asokan, Electrical Engineer (Retd), AbhuDabi Electricity & Water Authority on Oct 26th October at Musaliar College of Engineering, Chirayinkeezhu.
29. A 2 day workshop ‘Arduino programming workshop’ was held at College of Engineering Munnar was organized by IAS SBC CE Munnar from 3-4 November 2018.
30. Inauguration of IEEE PELS Student Branch Chapter of NSSCE Palakkad on 15th November 2018 The auspicious occasion was inaugurated by Er. C M Varghese, IGA TECH Industrial Electronics Pvt Ltd.
31. IEEE Industry Application Society Student Branch Chapter Indian Institute of Space Science and Technology organized an expert talk on the topic “Power Electronics for a Renewables-rich Grid – Applications and Challenges” on 17 December 2018 at IIST campus. The expert talk was delivered by Dr. Abhijit Kshirsagar (University of Minnesota).
32. IEEE IAS SBC IIST organized an expert talk on the topic “Power electronics applications- from electrified transportation to high energy physics” on 17 December 2018 at IIST Campus. The talk was delivered by Dr. Lalit Patnaik, senior fellow at the European Organization for Nuclear Research (CERN), Geneva.

33. EE\_ISQIP **(**10th to July 16th 2018)

34. Inauguration of the ‘SB Chapter at UKFCET’ (28th Sep 2018)

35. Two-DayFacultyDevelopmentProgrammeon“PowerSystemLab (Simulation & Hardware)”

36. Two-Day Workshop on “Making LED Bulb” on 24th and 25th July 2018

37. Workshop on Résumé writing and Profile building on 7th November 2018

38. Women Who Tech on 28th November 2018

39. IEEE Kerala Section SDLPon 5th of Oct 2018

40. Emergency lanterns and chargers for Kerala Flood Relief Camps from August 20 to 30 2018