Program Reports

1.AGM-2017 & Spectrum talk

The Annual General Body of IEEE Student Branch College of Engineering Karunagappally was Conducted on 06/01/2017, Friday. There is about 88 IEEE Members and 3 teaching staffs were present for the AGM. The program starts with IEEE Code of Ethics followed by the introduction of updated IEEE Student Branch Constitution familiarization to new members. The following Students are elected as new office bearers of IEEE SB CEK.

IEEE SB CEK Execom 2017

Staffs in Charge

Counselor/IEEE PES Advisor	- Raju M (Asst. Prof in EEE,CEK)*
Advisor IEEE WIE CEK	-Deepa AK (Asst. Prof in ECE,CEK)*
Advisor IEEE Computer Society CEK	-Jyothi RL (Asst. Prof in CSE,CEK)*

Student members in Charge

Chair	- Anandhu S Kumar (S6 EEE)*
Secretary	- Yadhu Krishnan KB(S6 ECE)
Treasurer	- Ananthu Sekhar R(S6 EEE)
WIE Chair	- Athira A(S4 CSE)
Computer Society Chair	- Basim Rauf(S6 CSE)
PES Chair	- Anandhu A(S6 EEE)
Vice Chair	- Hari Prasad (S4EEE)
Join Secretary	- Renjitha (S4 CSE)

Joint Treasurer   - Vrindh BS(S4 EEE)

LINK Rep   -Fawas Muhaammed K(S6 EEE)

(*The Execom has been changed due to Staff/Student Transfer policy of IHRD, Government of Kerala)

After the Election the Spectrum talk was started the last three months Spectrum and their detailed analysis was done by our Chair and Treasurer. The updated online version of IEEE spectrum android app share to all the new members. Now the members can easily understand about IEEE spectrum. We are sure our Student members can now easily understand about IEEE Spectrum and IEEE Potential magazine.

2.Travancore Hub F2F

Travancore Hub F2F was conducted by IEEE SB CEK and IEEE Travancore Hub on 2nd April 2017 at College of Engineering Karunagappally .The event mainly aims to train the new office bearers of each SB in Travancore hub. The event open for two execom members of each SB .

With September 2000 marking the inauguration of IEEE in CEK, it has a rich history to claim to. Having 17 exuberant years of legacy, Govt. College of Engineering Karunagappally was proud to host Travancore Hub face 2 face 2017. The event witnessed a huge participation of active student branches across Travancore hub.

Travancore hub f2f was inaugurated by Mr.Sabarinath Pillai (Chair,SAC). Mr.Raju M (Counselor ,IEEE SB CEK), Mrs.Deepa AK(Former Advisor, IEEE WIE CEK),Mrs.Jyothi RL (Advisor, IEEE CS CEK), Mr. Alan Mathew (Hub Student Representative), Mr. Asif noushad (Student Representative IEEE LINK),Mr. Anandhu S Kumar (Chair, IEEE SB CEK) ,Hub Team were also present to honour the occasion.

The inaugural session commenced with all present taking the IEEE code of ethics pledge, read out by Lekshmi Priya B(Tech. Coordinator , Travancore Hub). The welcome speech was delivered by Anandhu S Kumar (Chair ,IEEE SB CEK). The formal inauguration of the event was graced by the Chief Guest, Dr.Gopakumar with the lighting of the ceremonial lamp In the inaugural address that followed, Dr.Gopakumar spoke of the huge difference that has come about in the scale in which IEEE activities are being conducted. Felicitation speeches byMr. Raju M (Counselor ,IEEE SB CEK),Mr. Asif Noushad (SR, Kerala Section).

Our Chief guest given memento to our former WIE Advisor for her support and activities to IEEE WIE CEK.

The inaugural session concluded with the vote of thanks, proposed by Mr. Alan Mathew Uluvathu (HSR , Travancore Hub). After the inaugural session, participants attended a session on Volunteer Training by SAC Kerala Section.

The session end by 12.30 PM. After the lunch the event was concluded with feedback session.

3.Orientation Program

IEEE Student Branch ,College of Engineering Karunagappally(IEEE SB CEK) decided to conduct an orientation class on IEEE for first year students(2018-21)on 19th September 2017 .   The first phase of the program –Inaugural Address by our Counselor Mrs.Sabeena K(CS Department) ,History of IEEE SB CEK by our Chairman   Mr. Yedu Krishnan(S7 ECE) , followed by a class on History of IEEE by Anandhu S Kumar(Former Chairman).

The program starts at 09.00 AM, the first half of the session mainly concentrated in the familiarization of IEEE SB, followed by different ice-breaking sessions in between. Anandhu helped the students to understand the benefits of IEEE. After the lunch break Hari Prasad(S3 EEE)Started his class by a introduction of current technical updates of IEEE, followed by another class on benefits of IEEE for KTU students. There was 74 participants for the program. The program was very helpful for the first year students . All of them were very much satisfied with the program.Anandhu   cleared all the doubts regarding IEEE ,for the students . All of them were assured that they will join IEEE and will be an active member hereafter.
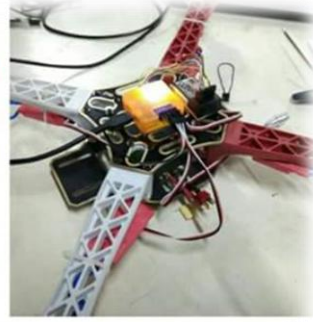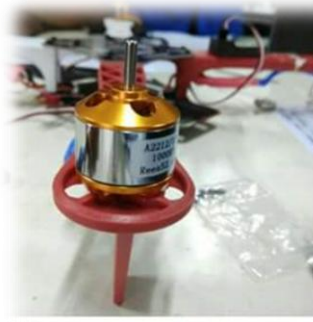
4.Dronia

(Two Day Quadcopter Workshop)

A two day 'Quadcopter Workshop' was conducted from 21st to 22th OCTOBER 2017, as an initiative by the Computer Society student chapter of IEEE SB College of Engineering Karunagappally. It was conducted with the assistance of expert professionals. The workshop was conducted to enlight the students on the importance of programming in the technical field. The programme started at 9 am, the workshop was inaugurated by our principal Dr. Jaya V L followed by a talk on "Quadcopter Designing "by the young entrepreneur Binu K Jose, CEO of Grapes Innotec and chief technical officer and also he guide the students on the workshop. The workshop was an inter college event and it was a great success in which 36 students from different colleges and 35 students our college had actively participated.

- DAY 1

   The first day was focused on the design, working and the basic operational functions of the quadcopter.

- DAY 2

   The   second day was the flying section. The workshop also focused to empower the local students , some of interested school students were also welcomed in the flying section .The workshop was a great success and we are very privileged to satisfy the delegates in all aspects.

5.IEEE Day Celebration

IEEE SB CEK celebrated IEEE Day on 3rd October 2017. It is a one Day event with two sessions for new comers. We added our event at www.ieeeday.org and uploaded event photos. There was a Quiz competition for First year students as part of celebration from the IEEE Power & Energy Kerala Section.

The Celebration Starts at 9.00 AM. The official inauguration done by the Dr. Ajil Kumar The introduction about IEEE SB CEK and IEEE Day was taken by Mr.Hariprasad .The IEEE Day promo video and about last IEEE Day celebration's taken by Mr. Anandhu S Kumar (Former Chair, IEEE SB CEK).Welcome Speech done by Mrs. Sabeena K (Counselor IEEE SB CEK).

6.Rostrum 2K17

IEEE student Brach of College Of Engineering, Karunagappally(IEEE SB CEK),celebrated IEEE day on 4th October 2017.As a part of IEEE Day celebrations in our college, we had conducted ROSTRUM a program under IEEE Travancore Hub.There we created a platform for the igniting minds of our college to present their innovative ideas on the Topic "Leveraging Techonolgy for Better Tomorrow".The judges were- Dr.Gopakumar. C(EC Dept.) ,Shibu V(CS Dept.),Binu V.P(HOD CS Dept.).There arises a number of ideas among the students but by the evaluating the criteria of ROSTRUM only 4 were allowed to present their ideas .

1. Hari Prasad(S3 EEE) – Navigation for Blinds using remote sensors and GPS

2.Akshay B(S1 CS) –Anti-Collision System using programming

3.Hari Krishnan A.S(S1 CS)-Helmet sensored bikes and also about the recycling of milma plastic bags.

4.Kurian Jacob(S7 CS)-Resurrection of KSRTC by linking all the buses via GPS,KSRTC app with all the sufficient informations, Printed seat number along with the tickets.

The judges enquire about the practicality,usability ,stability,cost effectiveness and integration of the ideas to each of the four candidates.Evaluating all the criteria Kurian Jacob(S7 CS)was selected from the college level ROSTRUM under IEEE Travancore Hub.

7.MAT LAB Workshop

MAT LAB is one of the important stimulation software in the field of engineering especially in electrical engineering so the IEEE PES SBC of College of Engineering Karunagappally has been decided to conduct the MAT LAB workshop on March 4th & 5th 2017

The workshop conducted exclusively for second & third year IEEE members. The classes handled by final year PES members. The first day of workshop mainly focused on basic circuit design and its stimulation. In second day the classes focused on large circuits, debugging technology etc..

8.PES Classroom Program(PES CRP)

It is the new initiative of IEEE Power & Energy Society CEK. Here we are collecting the doubts topic among IEEE members in the field of electrical engineering and the classes will be conducted under PES SBC by the students. About 13 CRP has been conducted in the year 2017. The main topics covered in this program are Control System , Power system analysis ,Electrical Design etc..

"A Program for the students by the students under Power & Energy Society"

- ❖ New initiative
- ❖ Mainly focused on academic learning
- ❖ Regular planning meetings
- ❖ Regular review meetings

9.E-Base 3.0

This is the 3rd edition of basic electrical workshop for first year students. The first edition has been conducted by IEEE SB. The 2nd edition onwards under IEEE PES SBC. This is conducting to aware the first year students about various type of wiring methods, basic electrical machine familiarization etc.. The 3rd edition has been conducted on 12th September 2017. Total number of participation 62

10.PES Quiz

As part of IEEE Day Celebration IEEE PES Kerala Chapter conducted PES Quiz in every SB. Our PES Chapter also become part of this wonder full event on 3rd October 2017. we are conducted PES quiz in the morning session as part of the direction from Kerala Chapter.

Total No of Participation : 68

OBJECTIVES OF IEEE SB CEK 2018

❖ We are going to establish an IEEE RAS Chapter

❖ 2018 onwards SB will ensure the minimum programmes under each societies and affinity group

❖ This year we are mainly focusing on Industrial interaction in association with our IEEE IAS Student Branch Chapter

❖ Success implementation ITIPS. ITIPS(IEEE Technical Improvement Program for Students) is a new initiative of IEEE SB CEK.

❖ We are also planning for hosting some of the Hub/LINK events in our SB like WIE Congress, WIE Meet etc….