



ABOUT CESA

CESA - Association of young and vibrant students in Electronics & Communication Engineering. In CESA, the thrust is on inculcating core human values in the students, at the same time nurturing their innate qualities to blossom and realize their full potential. Under CESA the staffs and students of ECE department join together to uplift and give solace to the downtrodden as well as to uphold and encourage the act of love and brotherhood. CESA provides a forum for the holistic growth of students by tapping the creativity, talent and energy of the students and directing them towards meaningful endeavour. CESA has several avenues for bringing out the innate potential and creative talents of youngsters. Exposure is a must to be a master in this field. Hence, in an effort to accomplish this aim, CESA conducted many activities including workshop on PCB Designing using OrCAD tool, Add on Course etc.



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Mr. Aneesh V N
Principal UKFCET

I am delighted to know that CESA is bringing out their decennial newsletter showcasing their activities, initiatives, achievements in addition to technical articles. The newsletter is presenting a glimpse of growth of the department in many fronts. I congratulate towards the provision of excellent all-round education for our students. I also wish them to move forward with confidence, pride and enthusiasm.



Mr. Mithun Vijayan
HOD ECE

It is a matter of great pleasure and satisfaction that CESA has come up with decennial issue of the ECE newsletter. I congratulate the students and concerned staff members for the efforts taken by them to bring out the newsletter. I wish that the newsletter brings fruits to the students community and wish a grand success for their efforts.



I have joined UKF in the year of 2014, with a lot of dreams and a bunch of constraints that pulled me back from the dream. It made my eyes wet, when I look back as I have had beautiful memories, a squad of friends and as a bounty I have gained scoops of knowledge through the years.

Reshma Sekhar
(2014 – 2018)



It's difficult to sum up the memories and experience of this three years in few lines. I consider myself very lucky for being a part of UKF. These three years have given me a lot of sweet memories which I cherish always, ever helping professors and faithful friends.

Akshaya M.D
S6 ECE (2017 – 2021)



Stepped in to this wonderful world of UKF in the year of 2015, with a lot of confusions, adjustments, and left the campus after four years, with a hell lot of memories, chapters, inspirations. Life at UKF was a biggest support for my growth as an individual.

L.R Manisha
(2015 – 2019)

////// JOURNAL PUBLICATIONS

- **Mrs. Reshmi Krishna Prasad** (AP ECE) published a paper titled "*Reconfigurable Hardware Design of Hybrid System with Compact Memory for Secured Communication*" in the International Journal of Engineering Research in Electronic and Communication Engineering (IJERECE) Vol3, Issue 4, April 2016.
- **Mr. Mithun Vijayan & Mr. Jijo Jose** (AP ECE) published a paper titled "*Performance Analysis of OFDM based ROF System*" in International Journal of Scientific & Engineering Research, Volume 7, Issue 4, April-2016 362 ISSN 2229-551
- **Mr. Mithun Vijayan ,Mr. Sudhi.S , Ms. Nishiya Vijayan , Mr . Jibin M Varghese** (AP ECE) Published Paper titled "*Integrated solution based on powerline & Visible Light Communication Indoor Hospital*" International journal of Merging Technology & Advanced Engineering Volume 7 September 2017
- **Mrs. Reshmi Krishna Prasad** (AP ECE) published a paper titled "*Optimal Network selection in cognitive radio using simple additive weighting method with multiple parameters*" in the second International Conference on Smart System and Inventive Technology ICSSIT 2019
- **Mrs. Reshmi Krishna Prasad** (AP ECE) published a paper titled "*IR Architecture with Software Defined Radio and its functionalities*" in the international conference on Sustainable Communication Networks and Applications (ICSCN) 2019

////// OUR PRIDE

ON GOING PhD SCHOLARS



Dr. Shahsad A. S
Kerala University



Dr. Sreenidhi Sabarinath
National Institute Of Technology Calicut



Ms. Reshmi Krishna Prasad
Assistant Professor
VELS Institute of Science Technology
and Advanced Studies



Mr. Vishnu Nampoothiri.V
Assistant Professor
Amritha Viswavidya Peetham



Mr. Vivek U.S
Assistant Professor
VELS Institute of Science Technology
and Advanced Studies

WORKSHOPS

- On 2nd March 2019, An Introductory “Robotics Workshop” was conducted for first year students coordinated by Mr. Shankar J & Lijo V Jacob (AP ECE)
- As part of CESA " Break the Talk " was conducted on 13th March 2019 in which each group presented a new technology. The team lead by Noufiya N (S2 ECE-B) won the first prize.
- A two day workshop on “Enigmatic Drobotics” with tech quiz was held on 16th & 17th March 2019. The event was coordinated by Mr. Vivek U.S & Mr. Shankar J (AP ECE)
- HAM Radio workshop was conducted on 10th March 2019 in association with IEEE ComSoc & CESA. The event was coordinated by Mr. Shankar J (AP ECE)
- As part of CESA a 5-day workshop on “Introduction to Simulation for Electronic Grads” was conducted from 2nd July to 6th July 2018.
- An AR VR Workshop was held on 24th & 26th March 2019, a joint venture of IEEE ComSoc and IEEE IAS UKFCET chapters coordinated by Mr. Shankar J & Mr. Athul M V (AP ECE & EEE)
- On 22nd February 2020, “Tracking & Decoding of LEO Weather Satellite” workshop was conducted as a joint venture of IEEE ComSoC & CESA.



OUR PLACEMENTS



L.R Manisha
Byju's Learning App
(2015-2019)



Apsara S.B
UST Global
(2015-2019)



Poornima Suresh
IBS
(2015-2019)



Anila . V
TCS
(2015-2019)



Chinnu Mohan
Perfect Electronics
(2015-2019)



Sharmi G
Perfect Electronics
(2015-2019)



Akshay
Perfect Electronics
(2015-2019)



Chaithra
Poornam
(2015-2019)



Hrishikesh S.S
Perfect Electronics
(2015-2019)



Althaf Salim
Galore Network
(2015-2019)



Kamal S Anand
Poornam Infovision
(2015 -2019)



Swaroop N
Onegene
(2016-2020)



Anjali .K. Anil
Speridian Technologies
(2016 - 2020)

UNIVERSITY
RANK HOLDER



Akshaya : 10 GPA
S3

She had attended a one week internship at Malaysia for her outstanding achievement in University Examination, fully sponsored by UKF Management

BEST OUTGOING
STUDENT



Poornima Suresh
2015-19 Batch



Aiswarya Revi
S2: 9.41 GPA (A Batch)



Kavya M.S
S2: 9.28 GPA(B Batch)



Sreema M.S
S4: 9.63 GPA



Akhila Krishnan
S5 : 8.34 GPA

OUR TOPPERS

EVENTS & ACHIEVEMENTS

1. As the part of CESA, a two day FDP on " Applied Electromagnetic Theory and Teaching, Learning and Research Methodologies" was conducted for ECE & EEE departments.
2. Sahil S(2013-2017) secured 4th place in the Kerala State Amateur Boxing Competition (Senior 56 kg).
3. Sreejith(2013-2017) participated in University Boxing Competition (81-91kg).
4. Team of Project HOCO-SMART WATER BOTTLE had reached the finals of IDEA FEST-2019 organised by Kerala Startup Mission.
5. Renjitha,Poornima Suresh & Anila (2015-19 Batch) had won second place in all Kerala IEEE Poster presentation contest on " 5G Wireless Communication with Multibeam Antenna" held at Indian Institute of Space Science & Technology, TVM on 12th November 2018.
6. Lilly is a humanoid Robot built by Mr.Vivek U .S(AP ECE) and his team of students which recreate human intelligence.She can move and speak on varied topics. She carry out different human task and act as a perfect hostess for the guest of UKF. The face recognition algorithm and human interaction is the highlight of Lilly. The whole project was accomplished in two months with an overall cost of Rs 10,000/-.
7. Mr. Jijo Jose and Mr. Jibin M Varghese, (AP ECE) attended the Maker's Workshop in FISAT and their projects were published in the newspaper.



Mr. SHANKAR J
Assistant Professor ECE

2018 & 2019 Secretary ,
IEEE Comsoc Kerala Chapter
OU Champion Microvolunteering,
IEEE Young professionals
(Global). Chair,SDLP,IEEE Kerala
Section Academia working Group,
IEEE Kerala Young Professionals

OUR FACULTIES



Dr. Shamsad A.S
Professor



Mrs. Reshma Mohan A.S
HOD (onleave)



Mr. Mithun Vijayan
HOD



Mrs. Nishiya Vijayan
Asst. Professor



Mr. Vivek U.S
Asst. Professor



Mrs. Reshmi Krishna Prasad
Asst. Professor



Mr. Shankar J
Asst. Professor



Mrs. Indu V Nair
Asst. Professor



Mrs. Neethu Susan Alex
Asst. Professor



Mr. Vishnu Namboothiri V
Asst. Professor



Mr. Shahul Hameed A
Asst. Professor



Mrs. Lekshmi P Govind
Asst. Professor



Mrs. Sajna Nujumudheen
Asst. Professor

BACKBONE OF OUR FAMILY



Mr. Reji S
Lab Instructor



Mrs. Viji V
Lab Instructor



Mrs. Priyanka Murali
Lab Instructor



Mr. Vinaya Shankar G.V
Lab Instructor



Mr. Varghese Cherian
(Head of Technology Services UST Global),
Inaugurated 10th Anniversary of CESA
on 26th February 2020

The decennial celebration of CESA: Communication Engineering Student Association was conducted on 26th February 2020. The event was officially inaugurated by Mr. Varghese Cherian (Head of Technology Service UST Global). CESA 2020 hosted a variety of technical events that include workshops, panel discussion, technical quiz, and idea pitching. The technical talk on "Technology Trends and Applications" by Mr. Varghese Cherian was very informative and gave deep insight towards technology in industry applications. The session was very interesting and gave the opportunity to discuss about the recent application of technology in day to day life. He motivated the students to eagerly participate in the events. The event was a great success with active participation of both students and staff.



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(S8 ECE)