

HOD'S DESK

PROF. DR. ANTO SAHAYA DHAS

Electronics Engineering is changing the way we think and work, and plays a significant role not only in solving different kinds of engineering and technological problems but also in satisfying societal needs such as health care. Consequently, great advances have taken place in the field of Electronics and Communication Engineering, bringing together the understanding of the scientific and technological foundations of electronics, the concepts of design-oriented software and hardware as well as those of communication technologies.

We as Electronics engineers endeavours to contribute to these advances through our new ideas and research in this field.

"Genius is one percent inspiration and ninety-nine percent perspiration." Thomas Edison.

Prof. Dr. Anto Sahaya Dhas
Head of Department
Electronics And Communication Engineering
Vimal Jyothi Engineering College, Chemperi



VISION

To be a pacesetter in the field of Electronics and Communication Engineering.

MISSION

To provide quality education for the students in the field of Electronics & Communication Engineering.

To educate students about professional and ethical responsibilities and train them to build life skills for their career development.

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CONDOLENCE

Msgr Mathew M. Chalil is called to Eternity.

Vimal Jyothi Institutions is indebted to this great soul for its inception, growth and glory. Being the founding father, he toiled day and night. The story of Malabar and Archdiocese of Thalassery would have been different had he not been there. He will continue to bless us from Heaven. The light he lit will continue to Guide us....



Rest In Peace...



STUDENT ARTICLE

A DAY WITHOUT ECE!! IS IT POSSIBLE?



As we observe and compare ancient human life to that of today's, we can experience a drastic change in living standards, styles and ways of humans. The technologies we use, the advancements we have made in the fields like transport, education, health care etc are immense. We are in a state where we can travel the whole world just by sitting in our room, any information about the world is available at your fingertips. How do you think all these changes have resulted in?

Electronics and Communications Engineering has a great role in making all these happen. Yeah, the World is chasing after ECE, literally we all are. We have conquered many heights by the help of ECE. Even though we have reached so far there is much more for us to go.

Technology has an inevitable part in our day to day life. Our life is so much intervened in technology that it is impossible for us to imagine a day without technology. In simple terms, can you live a day without your smartphones, other electronic gadgets? Isn't it nerve racking?

Yes, that's the extent to which we are into technology nowadays. Literally speaking life is now impossible without technology. Every field has something to do with ECE, for example Medical field, Communication, Entertainment, Defence applications, Industries, Transportation etc. Many vehicles, including cars, planes, and trains, rely heavily on ECE for navigation, control and communication, even our defense

system would have also been in grave danger if there was no ECE.

In addition to the impact on technology, the absence of ECE would also have significant economic consequences. The technology industry, which heavily relies on ECE, is one of the fastest growing and most profitable industries in the world. Thus the absence of ECE would create a tarnished growth of these industries which results in fewer job opportunities and lower standards of living. Additionally, many essential services, including power grids, water supply systems, and hospitals, rely on ECE to operate effectively so without ECE, these systems would also be at risk and would be challenging to maintain.

Why should I go to the instances so far, even while writing this article, I relied on the very easily available and accessible example of ECE, nothing but smartphones and they provided all sorts of information at my fingertips.

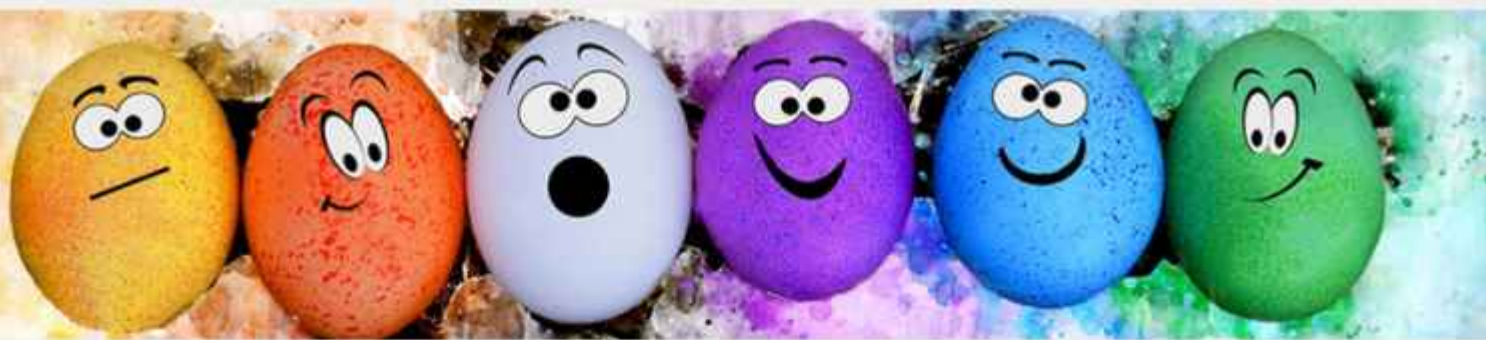
So in conclusion, we could say that the absence of ECE in this era would have created an irreplaceable void. We can also expect that ECE will help in the advancement of the human race and would hold up the values of humanity.

Presented By
Gloreia Sabu
S2 ECE

ALUMNI CORNER

SACHIN P JOSE





PROGRAMS ATTENDED:

- **Dr. D. Anto Sahayahas and Dr. Jayesh George** attendend five days faculty development program on 'Recent Advances and Research Challenges in Electric Vehicle system Design ' organized by Department of ECE Sahrdaya college of engineering and Technology Thrissur , 30th Januvarly 2023 to February 2023 .
- **Ms.Shimna P K and Ms. Lekshmy S** participated five days of faculty development program on IoT Hands-on session from 27th February 2013 to 3rd March 2023 organized by SNGCET Payyanur.
- **Dr. Roshini T V , Ms. Lekshmy S , Ms. Grace John M, Ms. Ann Mathew and Ms. Sudarshana Vijayan** successfully participated in an online faculty development program on 'FPGA Based Deep Learning Applications in Signal Processing ' sponsored by the Ministry of Electronics and Information Technology GoI, Organized by E & ICT Academy, NIT Warangal, and Dr. N.G.P Institute of Technology Coimbatore during 6th February - 16th February 2023.

ACHIVMENTS

- **Dr. Jayesh George M** has been elevated to the grade of Senior Member of IEEE .

INVITED TALK :

DR. D. ANTO SAHAYAHAS

Department of Electronics & Communication Engineering
presents

**EXPERT TALK
ON
MOBILE COMMUNICATION
AND ITS FUTURE**




RESOURCE PERSON
DR. D. ANTO SAHAYA DHAS
PROFESSOR AND HOD, DEPARTMENT OF ECE
VIMAL JYOTHI ENGINEERING COLLEGE

**VENUE: SEMINAR HALL 1
FEBRUARY 24, 2023**

St. Thomas College of Engineering & Technology
Vellilode, Sivapuram PO, Mattanur, Kannur District, Kerala
Approved by AICTE New Delhi, Govt. Of Kerala and Affiliated to APJ Abdul Kalam Technological University

IEEE DEPARTMENT ACTIVITIES

ARENA GAMING

Brief:

As a part of IEEE Circuits and System Society, a session on introduction gaming session were conducted for the S8 ECE students on 27/02/2023.

The session was introduced by Sujith V (Centre Head, Area Animation, Kannur), General session by Swapnil Gaikwad (Territory

Academic Head, Aptech Ltd) there were around 50 students along with 04 IEEE members. A good response was put forward by the students and they are eager to know more about this and wanted more sessions like this in future



IEEE DEPARTMENT ACTIVITIES

INTRODUCTION TO PYTHON

Brief:

As a part of IEEE Circuits and System Society & IEEE photonics society, a hands-on session on introduction to python session were conducted for the S5 ECEstudents on 08/02/2023.

The session was conducted by Manas Tom There were around 50 students along with 04 IEEE members. A good response was put forward by the students and they are eager to know more about this and wanted more sessions like this in future



TECHNICAL TALK

Brief:

As a part of IEEE Circuits and System Society and Photonics society, a technical talk on emerging trends in the communication engineering is conducted for the S4 & S6 ECE students on 31/03/2023. The session was handled by Dr. Jadadeesh V K Asst.Prof, NIT Patna, on the topic “Emerging communication technologies”.

there were around 102 students along with 21 IEEE members. The students were so interested to be a part of the session as the presenter shared with hem the most innovative ideas related to the communication technology and its relevance in these days.



IEEE DEPARTMENT ACTIVITIES

CASS AND PHOTONICS EXECOM

IEEE CASS EXECOM

 DR. ROSHINI TV Advisor	 SANDRA ELIZABETH ALEX Chair	 ANN MARIYA Vice chair	 AKASH BENNY Secretary
	 GOKUL KRISHNA Web Master	 DEVIKA Treasurer	

IEEE PHOTONICS EXECOM

	 AMRUTHENDRI K Chair	 KSHEERA SAJEESH Vice chair	 JOHNS JIJI Secretary
 MS. LEKSHMY S Advisor	 ASWIN AJITH Web Master	 KANNN MOHAN Treasurer	



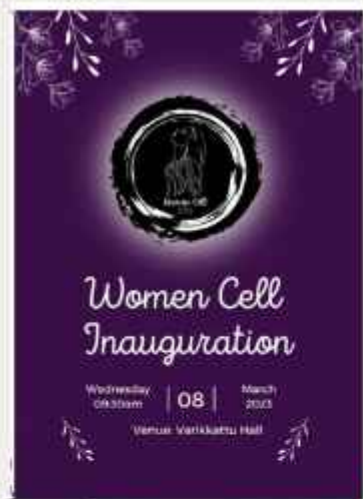


INAGURATIONS

DEVCK CLUB INAGURATION



WOMEN CELL INAGURATION





ADD ON COURSE FOR S4 AND S6

PYTHON PROGRAMMING FOR DATA SCIENCE AND MACHINE LEARNING

Brief:

As a part of IEEE Circuits and System Society and Photonics society, a session on Conceptual Study On Python Programming for Data Science and Machine Learning was conducted for S6 ECE students from 15th March to 17th March of 2023. The venue was Advanced Communication Lab, ECE Department. The session was handled by Mr. Jayasurya and Mr. Akesh (Trainers of Quest). About 53 students attended this session.



ADD ON COURSE FOR S8

CONCEPTUAL STUDY ON DATA SCIENCE

A five-day workshop on Conceptual Study on Data Science was conducted for S8 ECE students from 1st March to 5th March of 2023. It was conducted at Advanced Communication Lab, ECE Department. The session was handled by Dr. Sarin C R (Academic Manager and SME (Data Science)). About 61 students attended this session. Major topics discussed were Basics of Python, SQL and Microsoft Power BI. Also several websites were introduced which included github, datalemur, LinkedIn, etc., for future job opportunities.





CONGRATULATIONS

ULTS



FLEMY JOSE

ACCENTA EDUCATION



ASWIN SURENDRAN



SAISHNA SHAMEJ



GEETHIKA T



GOPIKA GOPALAKRISHNAN



NISWARTH A V

QSPIDERS



TOMS RAJU



GOPIKA GOPALAKRISHNAN



RUBY SHARIN



MELVIN JOSEPH



ANNUAL ATHLETIC MEET





INDUSTRIAL VISIT



S8



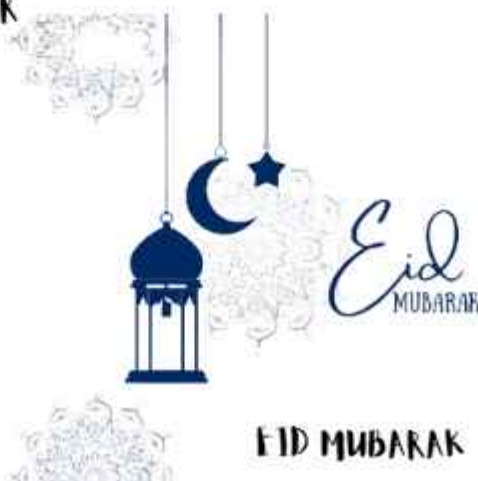
S6



HAPPY
Easter

HAPPY EASTER

*it's time to spread
love and wish for
new start...*



PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

1. Graduates will have successful career in the field of Electronics and Communication Engineering and allied sectors
2. Graduates will have the ability to pursue higher studies and research
3. Graduates will demonstrate entrepreneurial skills to develop innovative products and services
4. Graduates will adapt to different roles in global working environment by respecting diversity and professional ethics

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