

ELECTROS

NEWSLETTER

2019-2020

DEPARTMENT OF

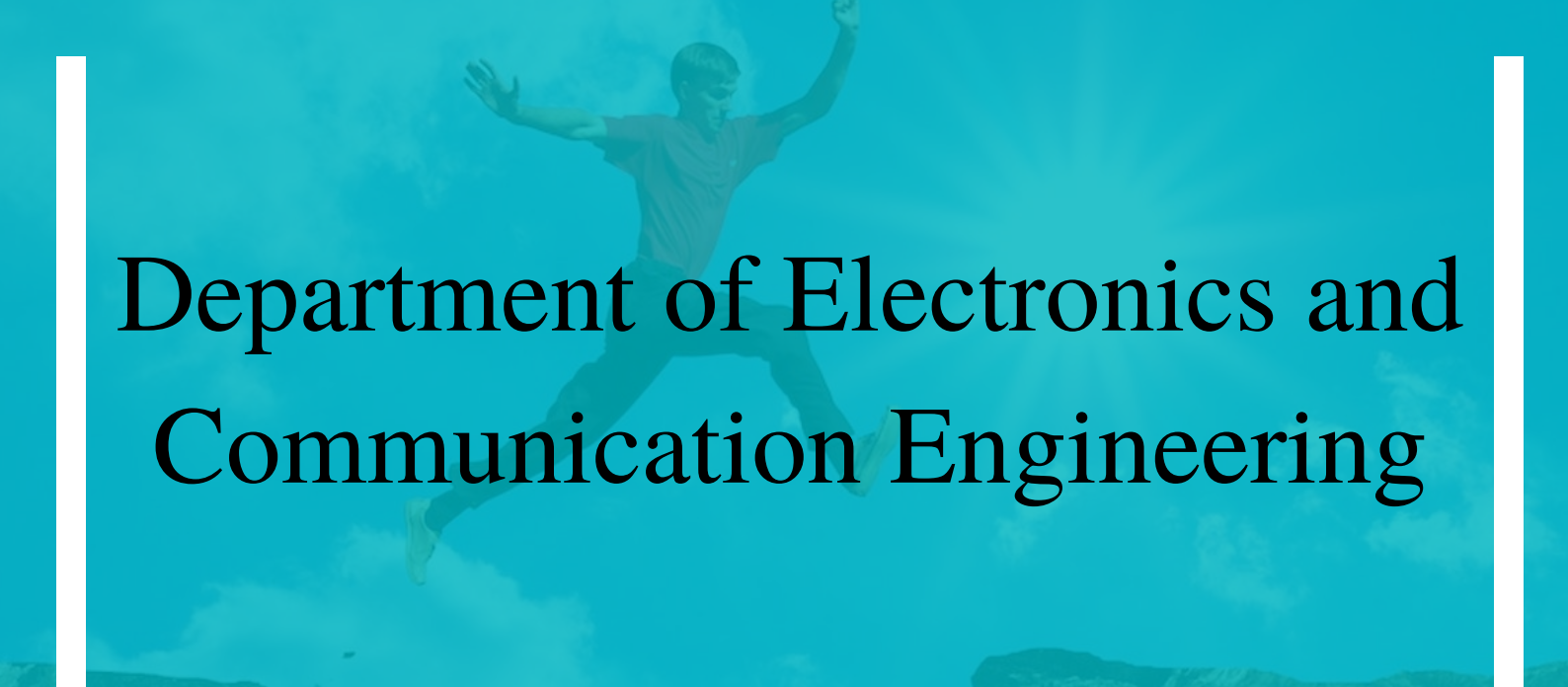
*Electronics and Communication
Engineering*

St. Xavier's

CATHOLIC COLLEGE OF ENGINEERING

Accredited by NBA

NAAC Accredited with 'A' Grade



Department of Electronics and Communication Engineering

VISION

Developing technically competent Electronics and Communication Engineers with academic excellence, innovative research, ethical standards and international outlook to serve the society.

MISSION

M1: To provide quality teaching in order to produce graduates with academic excellence, technical competence and ethical values.

M2: To develop advanced professionalism and exceptional career growth through inspiring faculty members and excellent infrastructure.

M3: To create awareness on state of the art technologies through research and industry-institute collaboration.

M4: To inculcate a sense of innovation and commitment among the students to apply knowledge and technologies for the benefit of the society.

INAUGURATION

CONTENT

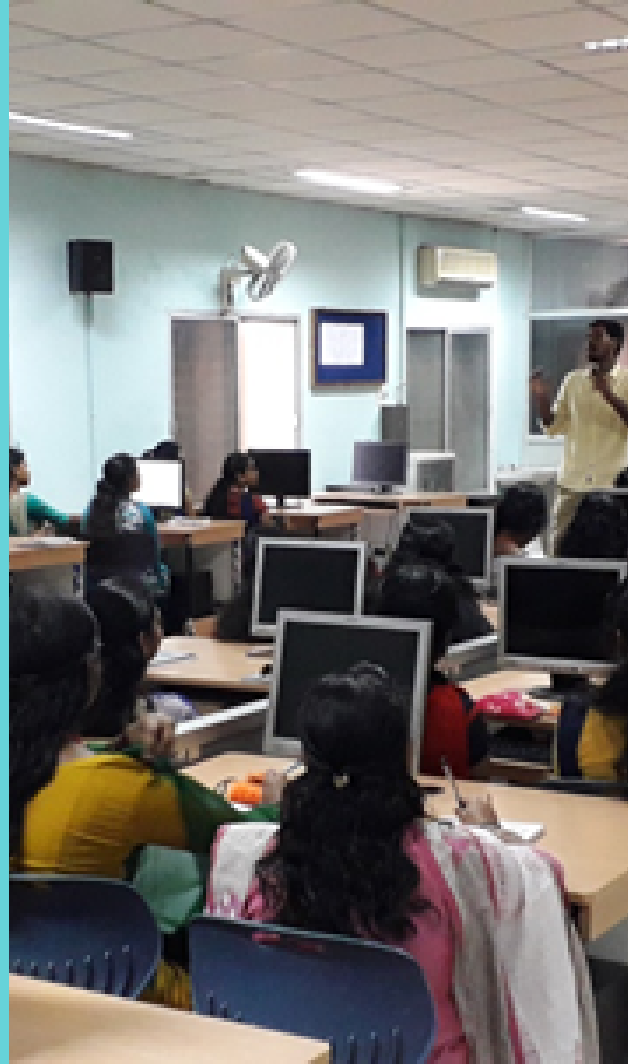
- Inauguration
- Technical Workshop
- Mini Project Award
- Technical Training
- Industrial Visit
- Symposium



The ELECTROS started this academic year with the inauguration function on 03-07-2019. The ceremony started with the prayer song and the welcome address was given by Ms. Abira A Joint secretary of Electros. The Office Bearers of the association was introduced by the Association Advisor Mr.S. Edwin Lawrence. The Secretary Ms. Jasmine Sareena J. presented the Year Plan Report and the Presidential Address was given by our Correspondent Rev.Fr.Dr.M. Maria William. The honourable chief guest was introduced by the President of ELECTROS Dr.M.Mary Helta Daisy HOD/ECE. The Chief Guest address was given by Ms. Dosslin Yesudas, Deputy Manager, HRBP, WEST Solutions. The Alumna of the day was introduced by Member Ms. Lexy Virgin Pragi W. The Alumna address was given by Ms. Praslee Christus P.L., Assistant Professor. The Praslee Christus award sponsored by the alumina was given to the best Mini Project by Ms. Praslee Christus. The formal function ended with the vote of thanks by the Executive Member Ms. Nivetha S R.

Technical Workshop & Mini Project Award

A TECHNICAL WORKSHOP ON “GADGET DEVELOPMENT IN IOT AND ROBOTICS WITH BIPED MODEL” WAS CONDUCTED BY MR.GANAPATHY EPRLABS, CHENNAI ON 28.02.2020 AND 29.02.2020. THE TRAINER STARTED THE SESSION WITH THE OVERVIEW OF MICROPROCESSOR AND MICROCONTROLLER(8051 MC AND 8086 MP) WHICH IS THE PART OF SYLLABUS. THEN HE GAVE INTRODUCTION ON THE BASICS OF RASPBERRYPI. PROCEEDING THIS THE STUDENTS WERE TRAINED TO DEVELOP PROGRAM FOR AN APPLICATION USING RASPBERRY PI – TEXT TO SPEECH CONVERTER AND ASKED THE STUDENTS TO WRITE A PROGRAM UTILIZING THE SOFTWARE BASED ON REAL WORLD APPLICATION. IN THE AFTERNOON SESSION THE STUDENTS WERE TRAINED ON PROGRAMMING A ROBOTICS WITH SERVO ENABLED LIMBS TO PERFORM ACTION LIKE DANCING AND WALKING. AS A PART OF IMPLEMENTATION OF THE ABOVE APPLICATION THE STUDENTS WERE SHOWN ADEMO ON 3D PRINTER.



THE PRASLEE CHRISTUS AWARD SPONSORED BY THE ALUMINA WAS GIVEN TO THE BEST MINI PROJECT BY MS. PRASLEE CHRISTUS.

Technical Training & Industrial Visit

03.10.2019

**Introduction to
HDL**

10.08.2019

**Hardware
Components In
Computer and
Networking**

No. of Industrial Visits	Company Name	Date	Year of Study
7	Indian Space Research Organization, Thiruvananthapuram	28.08.2019	94(Final Year A&B)
	National Institute of Wind Energy, <u>Kayathar</u>	27.08.2019	53(Third Year A&B)
	Central Marine Research Institute, Kochi	18.07.2019	97(Third Year A&B)
	Kerala Industrial of Infrastructure Development corporation	18.07.2019	97(Third Year A&B)
	<u>Doordharshan</u> High Power Transmission, Kochi	19.07.2019	97(Third Year A&B)
	KELTRON, Kerala State Electronics Development Corporation Limited (KSEDC), <u>Karakulam</u>	27.08.2019	62 (Second Year A&B)
	<u>Equatorial Geophysical Research Laboratory, Tirunelveli</u>	09.03.2020	29 (Second Year B)
Educational Tour	Agra, <u>Manali</u> , <u>Amristar</u> , Delhi	27.12.2019 to 05.01.2020	53 (Final Year A&B)

CHRONOUSMAX

SYMPOSIUM



The ELECTROS started the National Level Technical Symposium with the inauguration function on 14-03-2020. The ceremony start with the prayer song and the welcome address was given by Mr.S.Edwin Lawrence, Faculty Advisor. The Joint Secretary Ms. Ms. Abira A, Final ECE –A presented the Annual Report. The honorable chief guest was introduced by the President of ELECTROS, Dr. M.Mary Helta Daisy, HOD/ECE. The Chief Guest address was given by Ms.Aswini F.J., Assistant (Admin), Chennai Intelligence Wing. Dr.J. Maheshwaran, Principal gave the key note address and the formal function is ended with the vote of thanks by Ms. Jasmine Sareena J, Final ECE –B, Secretary. After that the interactive session with the students was conducted by the chief guest. We have invited students from various colleges and nearly 93 students participated in CRONUSMAX '20. We have conducted different technical events like paper presentation, poster presentation, Quiz, Circuit Debugging, Are U an Engineer. Finally we concluded the program with the prize distribution ceremony.