

ABOUT THE DEPARTMENT

The Department of Electronics and communication of Marian Engineering College was started in 2001 with 60 as intake. Since its introduction, the Dept. has been successful in training more than about 1000 students to become Electronic Engineers of high capability and credibility and to attain B.Tech degree of Kerala University. Several of them are serving in the capacity of eminent Electronic Engineers all throughout the world. This has become possible due to the sincere efforts of many dedicated staff members of the Department. Majority of them have more than a decade of service as teachers. Sustainability and sincerity of staff members paved the way for attaining good results in the Kerala university examinations, including few high ranks in it. In placements also ECE department excelled and the alumni students are in the top positions of many industries and research institutions. We, the staff members of ECE Department, Marian Engineering College promise that we will continue our sincere efforts and with the blessings of almighty God, will achieve more prosperity and success in the coming years also.

Prof. Dr. M. Sasikumar, HOD, ECE Department, Marian Engg. College (2001-2019) & Prof. Vinitha B Elza (Since July 2019)
 Prof. Dr. M. Sasikumar (HOD, ECE) was being honoured for the auspicious occasion of Golden Jubilee Celebrations (50 years after Graduation) at CET. He was also presented Dr. APJ Abdul Kalam Life Time Achievement National Award for his distinguished contributions in the field of Teaching, Research & Publications on 26th January 2019.

PROGRAM EDUCATIONAL OBJECTIVES

- PEO 1 : Become proficient engineers with a mastery on fundamental, contemporary and advanced concepts, problem solving, programming and design capabilities for successful career or higher studies or research.
- PEO 2 : Function effectively in the world of rapidly changing technologies in the broad context of electronics and communication engineering, to develop new products and technologies in service to mankind, using their skills in ethical and professional manner.
- PEO 3 : Obtain or make progress towards professional licensure, have good communication skills, practice professional ethics, team- work, make progress towards leadership roles and engage in life-long learning.

PROGRAM SPECIFIC OUTCOMES

- PSO 1 : An ability to apply the principles and basic concepts in Electronics and Communication in the design and implementation of complex systems by conducting Innovative Experiments.
- PSO 2 : To facilitate industrial exposure, conferences and technical fests to motivate for research activities, competitive examinations and mould successful Entrepreneurs.

UNIVERSITY RANK HOLDERS



Ms. Pooja Hari
2014-18 Batch ECE
Secured 5th rank in S5



Ms. Aiswarya Nair J.S
2012-16 Batch AEI
Secured 3rd rank in S6



Ms. Haritha Prasad U
2011-15 Batch ECE
Secured 2nd rank in S4 and S5



Ms. Anju G Nair
2009-13 Batch AEI
Secured 3rd rank in S6



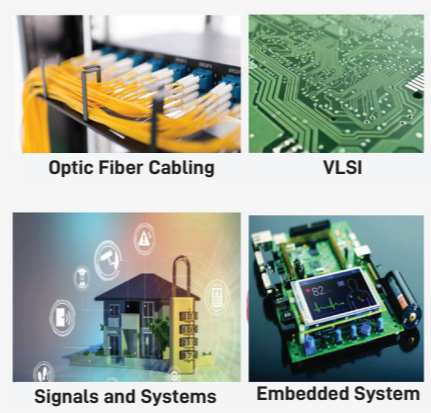
Ms. Rakhi R Nair
2008-12 Batch AEI
Secured 2nd rank in S5



Ms. Parvathy B. S
2008-12 Batch AEI
Secured 3rd rank in B.Tech



Staff List	Designation	Teaching Experience
Dr.M.Sasikumar	Professor	40 years
Ms. Vinitha B Elza	HOD	17 years
Ms.Ramola Joy P.	Asso. Professor	14 years
Ms.Subha P S	Asso. Professor	19 years
Dr.M.Manoj	Asso.Professor	16 years
Mr.Evankumar G	Asst. Professor	12 years
Mr.Y.VGlastin	Asst. Professor	11 years
Ms.Simi M S	Asst. Professor	12 years
Ms. NurulHidaya	Asst. Professor	14 years
Ms.Dhanya Mathew	Asst. Professor	9 years
Ms. MinnuJayan.C	Asst. Professor	12 years
Ms.Sreena V G	Asst. Professor	9 years
Ms.Sony S	Asst. Professor	9 years
Ms.Ann Mathew	Asst. Professor	9 years
Ms. Hema S. Mahesh	Asst. Professor	8 years
Ms. Mary Sunitha	Asst. Professor	12 years
Ms. Preetha S L	Asst. Professor	11 years



State of Art Systems

Where does the industry Stand?

CORE AREAS OF COMPETENCIES REQUIRED BY THE OUTSIDE WORLD

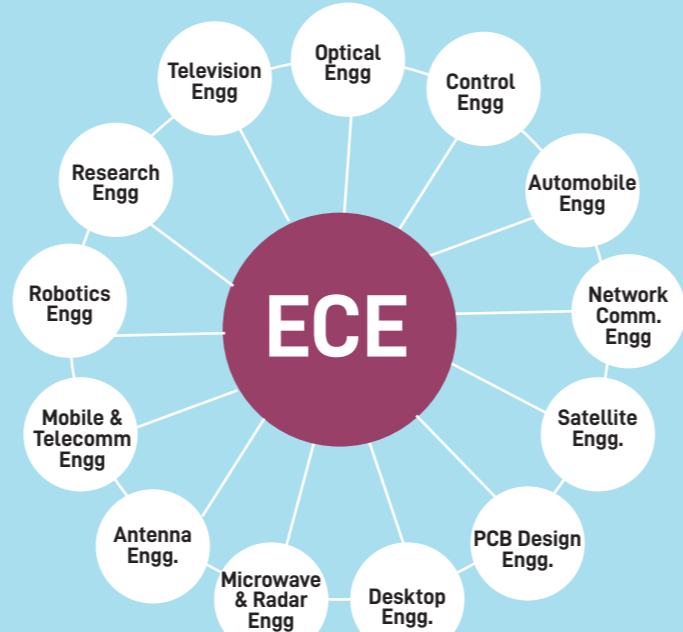


Integrals

Networking	Power Electronics & Instrumentation
Solid State Devices	VLSI
Electronic Circuits	Antenna and Wave Systems
Signals and Systems	Embedded Systems
Analog Integrated Circuits	Microwave and Radar
Computer Organization	Optical Communication
Digital Signal Processing	Control Systems
Electromagnetic Sytems	Nano Electronics
Processors and Controllers	Secured Communications

CAREER CHOICES

Some of the important positions that ECE Engineers can serve

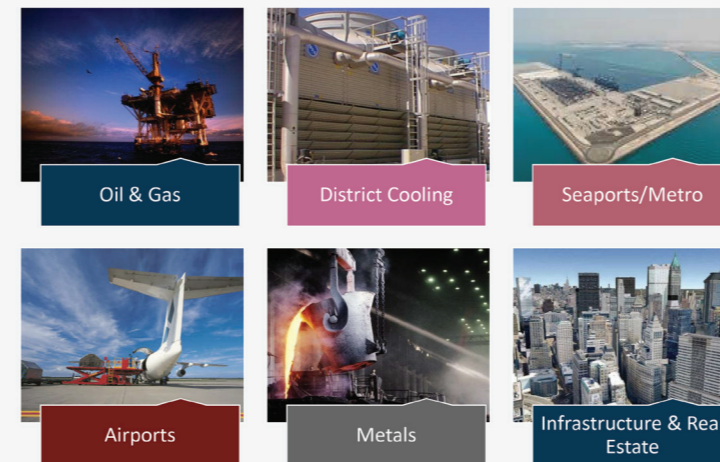


WHY IS ELECTRONICS & COMMUNICATION ENGINEERING THE RIGHT CHOICE ?

- Electronics and Communication Engineering is a promising growth-driven stream, an adequate knowledge in the field when amalgamated with specific skill set, qualifies the individual for a wide range of entry-level openings.
- Electronics and Communication engineers, expertise in managing large scale research, conceptualizing, designing, developing and testing of the electronic equipment used in latest communication devices and other handy technological equipment, such as smartphones, tablets, processors, smart wrist watches, smart LED TVs, etc.
- THIS HAS ONLY LED TO THE SURGE IN THE DEMAND OF ELECTRONICS & COMMUNICATION ENGINEER.**
- Skills of ECE engineers in planning, executing the testing process, framing of the system layouts, and delivering the end product in an impeccable way enhance their market value.
- This means that as an aspiring student of ECE, candidates need to ensure they select the right course in Electronics & Communication Engineering, in which they have interest and which offers better career options in the future.

FUTURE SCOPES OF ELECTRONICS & COMMUNICATION ENGINEER

Market Sectors



GOVERNMENT SECTOR JOBS					
DRDO	ISRO	BEL	BARC	NPCIL	PETROLEUM
BSNL	KSEB	PRASAR BHARATI	KELTRON	ER&DC	MTNL
INDIAN RAILWAYS	AIR	DMRC DELHI METRO RAIL CORPORATION	PHILIPS ELECTRONICS	BHARAT HEAVY ELECTRICALS LIMITED	OIL & NATURAL GAS CORPORATION

ELECTRONIC STUDENTS OUTREACH ACTIVITIES



ELECTRONICS WORKSHOP AT GOVT. PATTON GIRLS SCHOOL

DIGITAL SIGNAL PROCESSING LAB



COMMUNICATION ENGINEERING LAB

STATE OF ART LAB FACILITIES