Vision of the Institute

To provide high quality skill oriented technical education to the rural students to accomplish the global requirements.

Mission of the Institute

To provide modern facilities for imparting value based teaching – learning practices, enrich the faculty members with continuous learning and career guidance for the students.

Vision of the Department

To provide quality education and to produce technical manpower of global standards in Electronics and Communication Engineering with capabilities of adapting to new challenges to address the social needs.

Mission of the Department

M1- To develop skillful Diploma Engineers in the pursuit of excellent technical knowledge in industry and higher education.

M2- To develop ability among the students to understand the technical concepts through continuous learning of emerging technology.

M3- To provide ethical and value based education by imparting activities to address the social needs.

State the Program Educational Objectives (PEOs) (5)

At the end of program, the students may be able to,

PEO1: Accomplish the basic design and device integration knowledge in the field of Electronics and Communication Engineering.

PEO2: Enlighten with continuous learning in modern technologies and design tools.

PEO3: Assimilate the spirit of activity, teamwork and ethical values in the society as responsible engineers.

ABOUT OUR DEPARTMENT

- ✓ Our department consistently maintains good academic results through motivated and qualified faculty members.

- ✓ Our students opt higher studies (B.E) in Government Engineering Colleges and various reputed self-financing college. And also we have good placement records in various reputed companies like Triphase Technologies, Avalon Technologies, KYB Motor Cycle Suspension India Pvt Ltd., Rising Star Mobiles India Pvt.

- ✓ The objectives of our department is to enhance the ability of students in fundamental concepts of Electronics and Communication Engineering and its allied fields, leadership skills, team work, social responsibility and employment with ethical values.

"I cannot teach anybody anything. I can only make them think"

The fate of the country depends upon the education, the youngster's Enrichment of knowledge in Technology, Science and culture that is to be built Intelligence with character. The work of engineers forms the link between Scientific Discoveries and their subsequent applications to human needs and quality life.

Prof.Dr.P.Appukutty,
Chairman

"Where the willingness is great, the difficulties cannot be great."

An Engineer is a professional practitioner of engineering, concerned with applying scientific knowledge, mathematics and ingenuity to develop solutions for technical problems. The Department of Electronics and Communication Engineering will continue to evolve as our field changes; one thing will always remain constant; our commitment to ground breaking innovation and global leadership.

Dr.LakshmiAppukutty,
Vice Chairman

"Children must be taught how to think, not what to think."

Every person has to grab the opportunities he get and serve right at the right time. One must not worry of how to act because it is an art which he will definitely learn it during the course. I hope this newsletter was an exciting opportunity for the students to show their talent and to learn more.

Dr.T.Manigandan
CEO

"Everyone sees what you appear to be few experience what you really are."

Electronics and Communication engineering is none of the oldest and broadest engineering disciplines, which applies the principles of physics and material science for analysis, design, manufacturing, and maintenance of mechanical system.

The educational objective of the program in Electronics and Communication engineering is to prepare engineers so that, within three years of graduation, they will have successfully establish themselves in careers and /or obtain diploma ,and will begin to generate new knowledge or exercise leadership in their positions to the benefit of the society.

Mr.A.Ponnambalam
Principal

Dear faculties and student... It is very true to quote the words from Dr. Nelson Mandela "Education is the most powerful weapon which you can use to change the world". Being in the profession of teaching, we all faculty members have a great responsibility to impact value based education to future generation. I congratulate all my fellow facility and students for their fireless work in creating the V volume of our magazine"OPTRON". We also have great responsibility to motivate and guide our students to make them as responsible engineers and genuine citizen, I also with the faculty and students to involve more in creating their innovative ideas in this magazine in the years to come.

Mr.P.Kathiravan
Head of the Department

EDITORIAL COMMITTEE
CHIEF EDITOR
Mr. A.Ponnambalam M.E
Principal

ASSOCIATE EDITOR
Mr. P.Kathiravan M.E.
HOD – Electronics and Communication Engineering

EDITOR
Mr. S.Mahalingam B.E.
Sr.LECTURER - Electronics and Communication Engineering

ASSOCIATION OF ELECTRONICS AND COMMUNICATION ENGINEERING
INAUGURAL FUNCTION

Mr. R. KAVIYARASAN, Design coordinator in Pactron India Private Limited, Coimbatore has inaugurated our Electronics and Communication engineering Association "**SPECTRA**" on 23-09-2020

WEBINAR CONDUCTED

- ❖ In the month of September 23th 2020 **"Webinar on Electronic Devices and Applications"** was conducted by Mr. R. KAVIYARASAN, Design coordinator in Pactron India Private Limited, Coimbatore. In this session was discussed about principal and operation in various areas and this session makes the students to develop their project in this field

- ❖ In the month of November 06th 2020 **"Webinar on Impact of Mathematics in the World"** was conducted by Dr.T.PALANISAMY, Associate Professor ,Department of Mathematics, Amrita vishwa vidyapeetham , Coimbatore. In this Webinar was more informative to improve the knowledge and skill to the students.

- ❖ In the month of January 19h 2021 **"Webinar on Mobile Application Development"** was conducted by   Mr R. BALAMURUGAN Team lead, Wipro Technologies Coimbatore. In this Webinar was more informative to improve the knowledge and skill to the students.

- ❖ In the month of February 03th 2021 **"Webinar on Wireless Application Protocols"** was conducted by Ms.R.BHUVANESHWARI Software Engineer, Tata consultancy services, Chennai. In this Webinar was more informative to improve the knowledge and skill to the students.

- In the month of March 12th 2021 **"Webinar on Nanomaterials for energy application"** was conducted by Dr.K.S.RAJNI, Associate Professor of Physics, Department of Physics Amrita vishwa vidyapeetham , Coimbatore. In this Webinar was more informative to improve the knowledge and skill to the students.

- In the month of April 08th 2021**"Webinar on Industrial Application of Embedded System"** was conducted by Mr.S.GANESHKUMAR B.E Project manager, synovers, Coimbatore. In this Webinar was more informative to improve the knowledge and skill to the students.

GUEST LECTURE CONDUCTED

- In the month of October 21th 2020 **"A guest Lecture on "Role of embedded system"** was conducted by Mr.V.Vadivel Senior Engineer Robert Bosch Bangalore. His speech was more informative and interesting to the students to update their knowledge.

- In the month of March 30th 2021 **"A guest Lecture on "Over view of 4G,5G,6G Technologies"** was conducted by Mr.E.Logesh (cloud engineer) Technology Analyst Infosys limited, Bangalore his speech was more informative and interesting to the students as well as faculty members to update their knowledge.

ALUMNI LECTURE

❖ In the month of November 18th 2020 **"Alumini Lecture on "Importance of Professional Courses"** was conducted by Mrs.A.Bharathapriya, Senior Consultant, Capgemini India pvt ltd, Chennai. Her speech was more informative and interesting to the students as well as faculty members to update their knowledge.

❖ In the month of May 19th 2021 **"Alumni Lecture on "creating job Awareness"** was conducted by Mr.S.Hariprasath, Managing Director Pasumai Industrial Private Limited Chennai. His speech was more informative and interesting to the students as well as faculty members to update their knowledge.

FDPS CONDUCTED

❖ FIVE days workshop on Forensic Readiness and Wire Less Body Area Network(WBANs) was conducted by **S.PRIYATHARSINI Sr.Lectuer /ECE P.A.POLYTECHNIC COLLEGE,** Pollachi on 25.11.2019 to 29.11.2019

FACULTY ACHIEVEMENTS

PARTICIPATION IN FDP/SEMINAR

S. No	Name of the faculty	Date	Program	Name of the Title	Name of the Institution	Sponsored
1	P.KATHIRAVAN	16.06.2020 TO 20.06.2020	FDP	Internet Of Things	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		26.06.2020 & 27.06.2020	Webinar	Intelligent Industrial Drives	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY,POLLACHI	SELF
		27.06.2020	Webinar	TELEBOT-Develop an Android Application from Scratch	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		01.07.2020	Webinar	Serverless Computing	LOYALO INSTITUTE OF TECHNOLOGY,CHENNAI	SELF
		02.07.2020	Webinar	Smart Parking Management	LOYALO INSTITUTE OF TECHNOLOGY,CHENNAI	SELF
		02.07.2020	Webinar	IOT Trends to Drive Innovation for Business in Agronomics	HINDUSTHAN POLYTECHNIC COLLEGE	SELF
		04.07.2020	Webinar	TELEBOT-Setting Frame Work for CHATBOT from Scratch	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		04.07.2020	Webinar	Everyone can Do Quality Research-Talk 01: Instrumentation for Research in	KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM	KIOT & KBBS

			Thermel Engineering		
		05.07.2020	Webinar	Time to Protect Ourselves from COVID-19	KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM	KIOT & KBBS
		09.07.2020	Webinar	Electron Microscopy Techniques for Surface Characterization	HINDUSTHAN POLYTECHNIC COLLEGE, OTHAKKALMANDAPAM	SELF
		09.07.2020	Webinar	Everyone can Do Quality Research-Talk 03: A General Perspective on CFD Research	KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM	KIOT & KBBS
		10.07.2020	Webinar	Basics of Industrial Engineering	SRI RAMAKRISHNA POLYTECHNIC COLLEGE	SELF
		11.07.2020	Webinar	A Discourse on Cyber Security for Women	KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM	KIOT & KBBS
		16.07.2020	Webinar	Everyone can Do Quality Research-Talk 04: From Research and Technology Innovation to Entrepreneurship	KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM	KIOT & KBBS
		22.07.2020	Webinar	Recent Trends in Rehabilitation Robots	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		29.07.2020	Webinar	Digital Transformation	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		04.08.2020 05.08.2020 & 07.08.2020	Webinar	How to Handle Online Classes in an Effective Way	KNOWLEDGE INSTITUTE OF TECHNOLOGY,SALEM	KIOT & KBBS
		02.11.2020 To 07.11.2020	STTP	Integration of Renewable Energy and Big Data Analytics of smart Grid	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY,POLLACHI	AICTE
		19.12.2020	Webinar	Latest Trends in Vehicle Electronics	VELTECH RANGARAJAN Dr.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY	SELF
2	S.MAHALINGAM	08.06.2020 To 14.06.2020	FDP	ICT Tools For Effective Teaching And Learning	MURUGAPPA POLLYTECHNIC COLLEGE,CHENNAI	SELF
		16.06.2020	FDP	Internet Of Things	SRI ESHWAR COLLEGE OF	SELF

		TO 20.06.2020			ENGINEERING, COIMBATORE	
		27.07.2020	Online Webinar	Nano Scale Semiconductor Device In VLSI Design	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DINDIGUL	SELF
3	A.AMUTHA	05.06.2020	Webinar	Awarness on Covid-19	CMS COLLEGE OF ENGINEERING AND TECHNOLOGY, VELANTHAVALAM	SELF
K4	S.KAVITHA	30.05.2020	Online Quiz	Online Digital Electronics Quiz Contest	SNS COLLEGE OF TECHNOLOGY,COIMBATORE	SELF
		04.06.2020	Webinar	Application Of Nanofluids Current And Future Trends	CMS COLLEGE OF ENGINEERING AND TECHNOLOGY, VELANTHAVALAM	SELF
		04.06.2020	Virtual Webinar	Wireless Communication-Your Friend In The Digital Age	NANDHA COLLEGE OF TECHNOLOGY,ERODE	SELF
		04.06.2020 To 06.06.2020	FDP	Enhancing The Quality Of Academic And Sponsored Research	K.L.N COLLEGE OF ENGINEERING,SIVAGANGAI	SELF
		05.06.2020	Webinar	Awareness on Covid - 19	CMS COLLEGE OF ENGINEERING AND TECHNOLOGY, VELANTHAVALAM	SELF
		08.06.2020 To 14.06.2020	FDP	ICT Tools For Effective Teaching And Learning	MURUGAPPA POLLYTECHNIC COLLEGE,CHENNAI	SELF
		14.06.2020	Virtual Webinar	Wireless Sensor Networks	NANDHA COLLEGE OF TECHNOLOGY,ERODE	SELF
		16.06.2020	Online Webinar	Safety Hazards Identification And Risk Assessment	EXCEL COLLEGE OF ENGINEERING AND TECHNOLOGY,KOMARAPALAY AM	SELF
		18.06.2020	FDP	Networking Switching And Routing	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		19.06.2020	Webinar	Role Of Arduino And Raspberry PI System In Real World Application	CSI COLLEGE OF ENGINEERING, OOTY	SELF
		19.06.2020		Technical Quiz	JCT POLLYTECHNIC COLLEGE,	SELF

			Online Quiz		COIMBATORE	
		20.06.2020	Webinar	Open Sourse Software Tools For Building IoT Solutions	SRI RANGANATHAR INSTITUTE OF POLYTECHNIC COLLEGE,ATHIPALAYAM	SELF
		25.06.2020	Webinar	Transformation of 5G And Wi-Fi 6	LOYALO INSTITUTE OF TECHNOLOGY,CHENNAI	SELF
		26.06.2020 To 27.06.2020	Live Webinar	Intelligent Industrial Drives	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY,POLLACHI	SELF
		29.06.2020	Online Quiz	Electronics Quiz 2020	GOVERNMENT POLLYTECHNIC COLLEGE,COIMBATORE	SELF
		30.06.2020	Webinar	Artifical Intelligence Using Embedded Systems	St.MOTHER THERESA ENGINEERING COLLEGE,THOOTHUKUDI	SELF
		30.06.2020	Webinar	Video Streaming And Its Applications	P.T.Lee CHENGALVARAYA NAICKER COLLEGE OF ENGINEERING AND TECHNOLOGY,KANCHIPURAM	SELF
		01.07.2020	Webinar	Quality , Reliability And Safety –An Overview	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		09.07.2020 To 11.07.2020	FDP	Digital Image Prossing & Its Application	SAI SPURTHI INSTITUTE OF TECHONOLOGY,HYDERABAD	SELF
		09.07.2020 To 11.07.2020	Onine Quiz	E-Quiz On Fundamentals Of Electronics	ADHIPARASAKTHI COLLEGE OF ENGINEERING,CHENNAI	SELF
		14.07.2020 To 17.07.2020	FDP	Solar Energy Application	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY,COIMBATORE	SELF
		21.07.2020	Webinar	Innovation In Education	SRI ESHWAR COLLEGE OF ENGINEERING AN AUTONOMOUS INSTITUTION, CHENNAI	SELF
		20.07.2020 To 21.07.2020	E-Quiz	Signal Processing	SAI SPURTHI INSTITUTE OF TECHONOLOGY,HYDERABAD	SELF
		20.07.2020 To 24.07.2020	FDP	VLSI-Industrial and Research Perspectives	SARANATHAN COLLEGE OF ENGINEERING,PANJAPPUR	SELF

		22.07.2020	Webinar	Recent Trends In Rehabilitation Robots	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		23.07.2020	Webinar	Last Time-First Time Approach to Groom Your Knowledge And Skills	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		23.07.2020	Webinar	"Cloud Based Lot In Real Time Application"	SRI RANGANATHAR INSTITUTE OF POLYTECHNIC COLLEGE,ATHIPALAYAM	SELF
		24.07.2020	Webinar	Trends In IoT	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		25.07.2020	Webinar	Future Of Data Transmission-LiFi	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		27.07.2020	Online Webinar	Nano Scale Semiconductor Device In VLSI Design	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DINDIGUL	SELF
		28.07.2020	Webinar	MEMS & NEMS-Sensors And Actuators	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DINDIGUL	SELF
		19.10.2020 To 4.10.2020	STTP	Emphasizing Sex And Health Education For Quality TeachersTo Empower The Youth To Enrich The Nation	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY,POLLACHI	AICTE
5	S.PRIYATHARSINI	30.05.2020	Online Quiz	Online Digital Electronics Quiz Contest	SNS COLLEGE OF TECHNOLOGY,COIMBATORE	SELF
		04.06.2020	Webinar	Application Of Nanofluids Current And Future Trends	CMS COLLEGE OF ENGINEERING AND TECHNOLOGY, VELANTHAVALAM	SELF
		08.06.2020 To 14.06.2020	FDP	ICT Tools For Effective Teaching And Learning	MURUGAPPA POLLYTECHNIC COLLEGE,CHENNAI	SELF
		14.06.2020	Webinar	Wireless Sensor Networks	NANDHA COLLEGE OF TECHNOLOGY,ERODE	SELF
		20.06.2020	Webinar	Open Sourse Software Tools For Building IoT Solutions	SRI RANGANATHAR INSTITUTE OF POLYTECHNIC COLLEGE,ATHIPALAYAM	SELF
		25.06.2020	Webinar	Transformation of 5G And Wi-Fi 6	LOYALO INSTITUTE OF TECHNOLOGY,CHENNAI	SELF

		Date	Type	Title	Organizing Institution	Funded
		26.06.2020	Webinar	Design of Brain Control Applications	Dr.B.R.AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY ,JALANDHAR	SELF
		30.06.2020	Webinar	Artifical Intelligence Using Embedded Systems	St.MOTHER THERESA ENGINEERING COLLEGE,THOOTHUKUDI	SELF
		01.07.2020	Webinar	Quality , Reliability And Safety –An Overview	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		02.07.2020	Webinar	Smart Parking Management	LOYALO INSTITUTE OF TECHNOLOGY,CHENNAI	SELF
		03.07.2020	Webinar	Image Processing Applications	AIMIT ST.ALOYSIUS COLLEGE ,MANGALORE.	SELF
		04.07.2020	Webinar	Wireless Technology-5G & Beyond	P.T.Lee CHENGALVARAYA NAICKER COLLEGE OF ENGINEERING AND TECHNOLOGY,KANCHIPURAM	SELF
		04.07.2020	Webinar	Automotive Electronics(Aspice)	AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN,COIMBATORE	SELF
		09.07.2020 To 11.07.2020	FDP	Digital Image Prossing & Its Application	SAI SPURTHI INSTITUTE OF TECHONOLOGY,HYDERABAD	SELF
		20.07.2020 To 24.07.2020	FDP	VLSI-INDUSTRIAL AND RESEARCH PERSPECTIVES	SARANATHAN COLLEGE OF ENGINEERING,PANJAPPUR	SELF
		20.07.2020 To 25.07.2020	FDP	Advanced Communication Laboratory	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DINDIGUL	SELF
		23.07.2020	Webinar	Last Time-First Time Approach To Groom Your Knowledge And Skills	SRI ESHWAR COLLEGE OF ENGINEERING , COIMBATORE.	SELF
		28.07.2020	Webinar	MEMS & NEMS-Sensors And Actuators	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DINDIGUL	SELF
		19.10.2020 To 24.10.2020	STTP	Emphasizing Sex And Health Education For Quality TeachersTo Empower The Youth To Enrich The Nation	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY,POLLACHI	AICTE
		14.05.2021	FDP	Communication Throughout Technology	SRI RANGANATHAR INSTITUTE OF POLYTECHNIC COLLEGE,ATHIPALAYAM	SELF
6	R.GOWRI	16.06.2020 TO 20.06.2020	FDP	Internet Of Things	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF

				Nano Scale Semiconductor Device In VLSI Design	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DINDIGUL	SELF
		27.07.2020	Webinar	Nano Scale Semiconductor Device In VLSI Design	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DINDIGUL	SELF
7	R.KARUPPUSAMY	08.06.2020 To 14.06.2020	FDP	ICT Tools For Effective Teaching And Learning	MURUGAPPA POLLYTECHNIC COLLEGE,CHENNAI	SELF
		16.06.2020 TO 20.06.2020	FDP	Internet Of Things	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE	SELF
		27.07.2020	Webinar	Nano Scale Semiconductor Device In VLSI Design	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DINDIGUL	SELF
	A.DEVI	05.06.2020	Webinar	Awarness on Covid-19	COLLEGE OF ENGINEERING AND TECHNOLOGY, VELANTHAVALAM	SELF
9.	N.DHAMAYANTHY	20.06.2020	Webinar	Open Sourse Software Tools For Building IoT Solutions	SRI RANGANATHAR INSTITUTE OF POLYTECHNIC COLLEGE,ATHIPALAYAM	SELF

Placement
2021

PLACEMENT DETAILS

        Our Electronics and Communication Engineering students have placed in the following companies in this current semester and our department whole heartedly congratulate on behalf of our management. Congratulations for all….

TOTAL NUMBER OF STUDENTS PLACED : | 12 |

Company Name:KYB Motor Cycle Suspension India Pvt Ltd, kanchipuram

Student Strength:06

STUDENT NAME:

1. ASWIN A
2. KAVITHA V
3. PRAKASHRAJ R
4. SIVARANJAN K
5. VISHNU D
6. RAGUL RAJ V

Company Name: AVALON TECHNOLOGIES

Student Strength:02

STUDENT NAME:

1. JAI SRIRAM M

2. MANIKUMAR

Company Name: **TRIPHASE TECHNOLOGIES**

Student Strength:04

STUDENT NAME:

1. MASILAMANI S
2. POOVENDRAN K
3. RASIKA S
4. RUBIN P

Co-curricular Activities

STUDENT'S CO & EXTRACURRICULAR ACTIVITIES

PAPER AND PROJECT PRESENTATION

S. No.	Name of the Student	Event Description	Event Level (Inter-institute / State/National)	College Name	Awards
1	Ragulraj V	Workshop	State Level	Sona College of Technology, Salem	Participated
2	Kalyan P R	Workshop	State Level	Sona College of Technology, Salem	Participated
3	Sridevan N	Webinar	State Level	Kumara Guru College of Technology, Coimbatore	Participated
4	Rubinabegam M	Webinar	State Level	Kumara Guru College of Technology, Coimbatore	Participated
5	Pavithra N	Webinar	State Level	Velalar College of Engineering and Technology, Erode	Participated
6	Sivabharathi S	Webinar	State Level	Velalar College of Engineering and Technology, Erode	Participated
7	Arunprasath B	Webinar	State Level	Velalar College of Engineering and Technology, Erode	Participated
8	Kishoor N J	Technical Quiz	State Level	Government Polytechnic College, Coimbatore	Participated
9	Banupriya A	Technical Quiz	State Level	Government Polytechnic College,	Participated

				Coimbatore	
10	Banupriya A	Webinar	State Level	Knowledge Institute of Technology,Salem	Participated
11	Banupriya A	Webinar	State Level	Sri Ramakrishna Polytechnic College, Coimbatore	Participated
12	Priyadharshini S	Webinar	State Level	Sri Ramakrishna Polytechnic College, Coimbatore	Participated
13	Banupriya A	Webinar	State Level	CIT Sandwich Polytechnic College, Coimbatore	Participated
14	Priyadharshini S	Webinar	State Level	CIT Sandwich Polytechnic College, Coimbatore	Participated
15	Banupriya A	Quiz on "Basic Electronics"	National Level	Chaitanya(Deemed to be University),Telangana	Participated
16	Priyadharshini S	Quiz on "Basic Electronics"	National Level	Chaitanya(Deemed to be University),Telangana	Participated
17	Priyadharshini S	Webinar	State Level	Nachimuthu Polytechnic College,Pollachi	Participated
18	Banupriya A	Webinar	State Level	Nachimuthu Polytechnic College,Pollachi	Participated
19	Kishoor N J	One week virtual FDP on Evolution in semiconductor Devices	State Level	Bannari Amman Institute of Technology,Erode	Participated
20	Masilamani S	One week virtual FDP on Evolution in semiconductor Devices	State Level	Bannari Amman Institute of Technology, Erode	Participated
21	Vinitha M	One week virtual FDP on Evolution in semiconductor Devices	State Level	Bannari Amman Institute of Technology, Erode	Participated
22	Kavitha V	One week virtual FDP on Evolution in semiconductor Devices	State Level	Bannari Amman Institute of Technology, Erode	Participated

23	Priyadharshini S	One week virtual FDP on Evolution in semiconductor Devices	State Level	Bannari Amman Institute of Technology, Erode	Participated
24	Banupriya A	One week virtual FDP on Evolution in semiconductor Devices	State Level	Bannari Amman Institute of Technology, Erode	Participated
25	Kishoor N J	Webinar	National Level	Priyadarshini Institute of Science and Technology for Women,hyderabad	Participated
26	Banupriya A	Webinar	State Level	Nehru Institute of Technology,Coimbatore	Participated

SPORTS ACTIVITIES

S. No.	Name of the Student	Event Description	Event Level (State/National)	College Name	Awards
1.	Sridevan N	Poster Designing	State Level	Rotaract Club of Coimbatore Institute of Technology,Coimbatore	Winner
2.	Arunprasath B	Cliché Puzzling	State Level	Kalasalingam Academy of Reserch and Education, Srivilliputhur	III prize
3.	Kishoor N J	Cliché Puzzling	State Level	Kalasalingam Academy of Reserch and Education, Srivilliputhur	Participated
4.	Pavithra N	Minutenest	State Level	Kalasalingam Academy of Reserch and Education, Srivilliputhur	Participated
5.	Sivabharathi S	Minutenest	State Level	Kalasalingam Academy of Reserch and Education, Srivilliputhur	II prize
6.	Kalyan P.R	Photofreaks	State Level	Kalasalingam Academy of Reserch and Education, Srivilliputhur	Participated
7.	Sridevan N	Photofreaks	State Level	Kalasalingam Academy of Reserch and Education, Srivilliputhur	Participated

APPLICATION Of IOT

Smart home

Smart Home clearly stands out, ranking as highest Internet of Things application on all measured channels. More than 60,000 people currently search for the term "Smart Home" each month. This is not a surprise. The IoT Analytics company database for Smart Home includes 256 companies and startups. More companies are active in smart home than any other application in the field of IoT. The total amount of funding for Smart Home startups currently exceeds $2.5bn. This list includes prominent startup names such as Nest or AlertMe as well as a number of multinational corporations like Philips, Haier, or Belkin.

Smart City

Smart city spans a wide variety of use cases, from traffic management to water distribution, to waste management, urban security and environmental monitoring. Its popularity is fueled by the **fact** that many Smart City solutions promise to alleviate real pains of people living in cities

these days. IoT solutions in the area of Smart City solve traffic congestion problems, reduce noise and pollution and help make cities safer.

♣ Smart retail

Proximity-based advertising as a subset of smart retail is starting to take off. But the popularity ranking shows that it is still a niche segment. One LinkedIn post per month is nothing compared to 430 for smart home
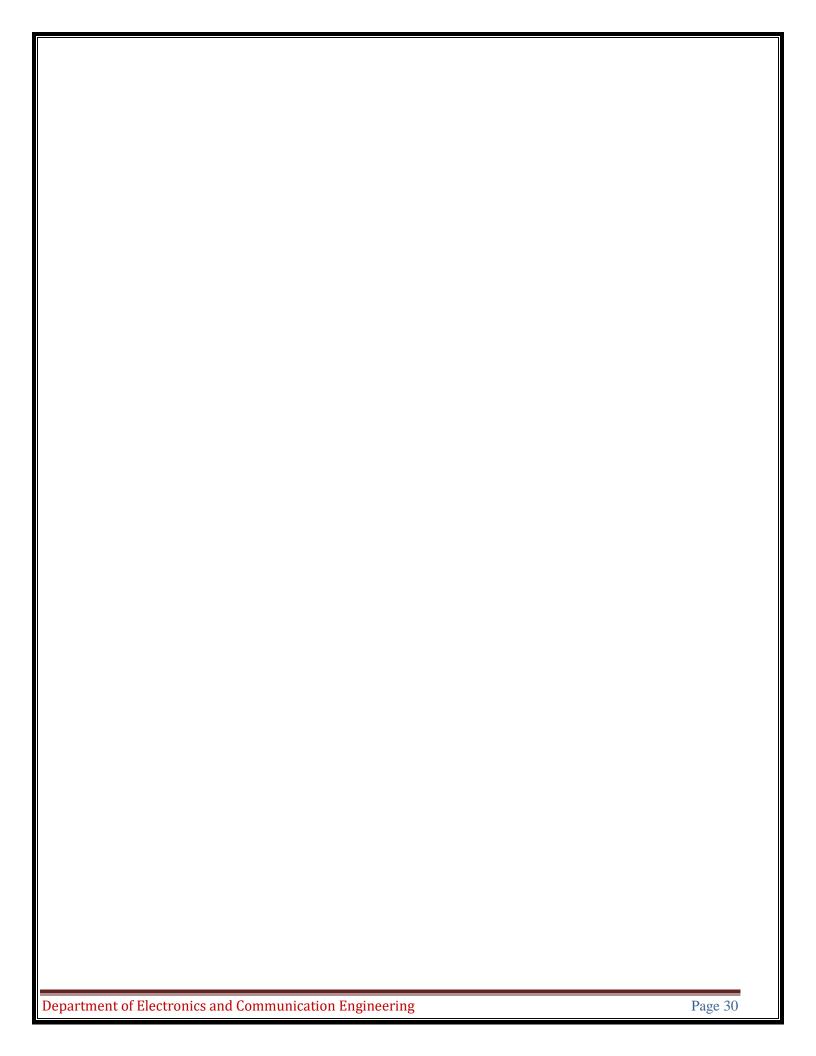
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BY
KAVITHA V
III YR/ECE

Cyber Security

cyber security is the practice of defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks. It's also known as information technology security or electronic information security. The term applies in a variety of contexts, from business to mobile computing, and can be divided into a few common categories. Network security is the practice of securing a computer network from intruders, whether targeted attackers or opportunistic malware.
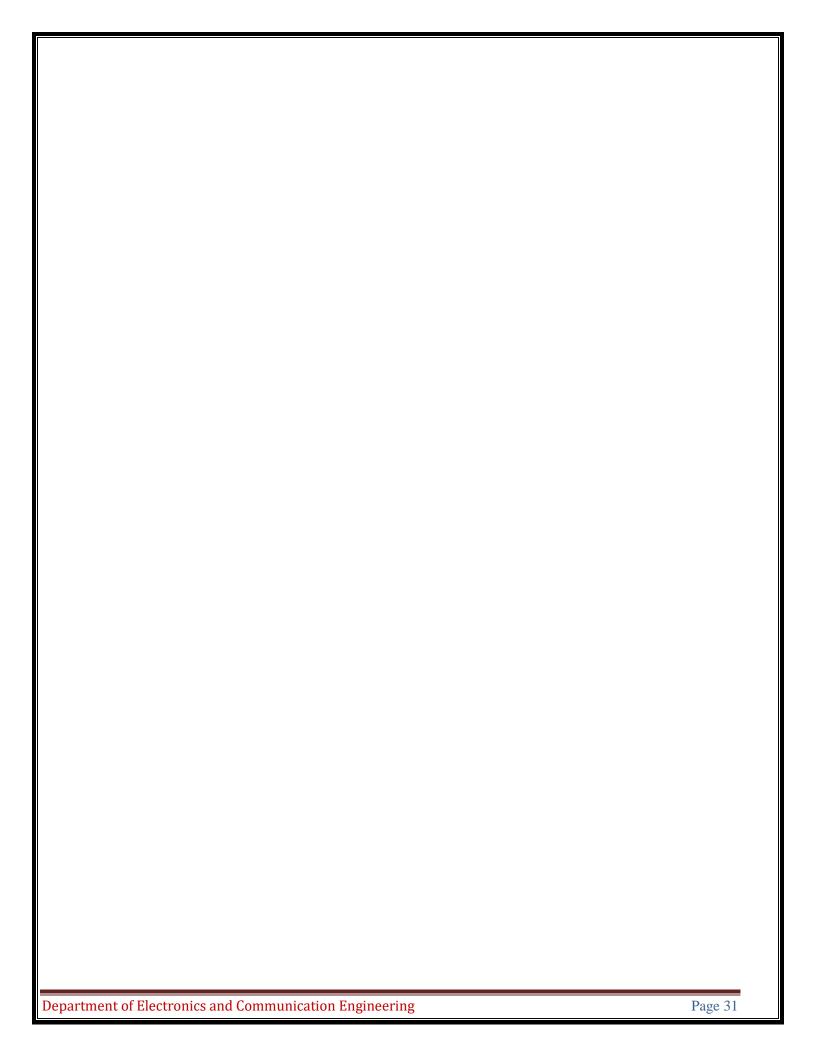
Application security focuses on keeping software and devices free of threats. A compromised application could provide access to the data its designed to protect. Successful security begins in the design stage, well before a program or device is deployed.
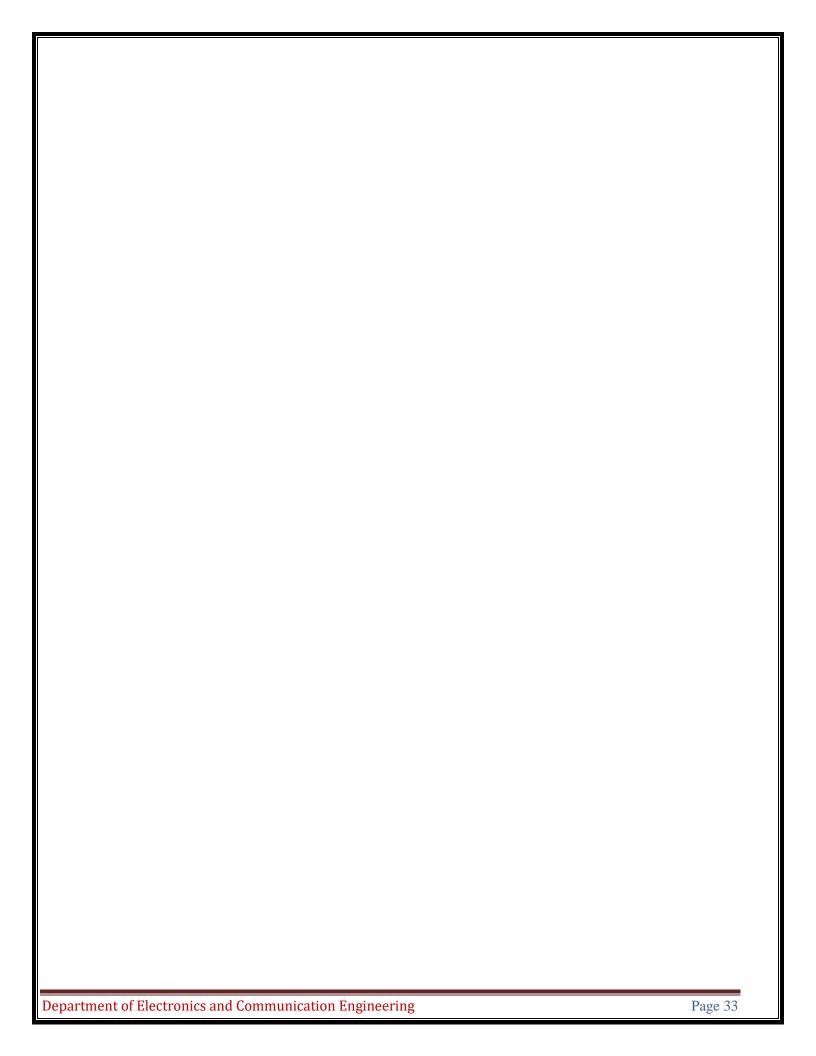
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