



Department of Electronics and Communication Engineering

ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT NEWSLETTER

Academic Year – 2019-20 (ODD)

Volume 1

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Editorial Board,

Mr.J.Sridhar, AP/ECE

Mr.V.Vignesh, Third Year/ECE

About Department

“Welcome to the Department of Electronics and Communication Engineering”

The Department of Electronics and Communication Engineering was started in the year 2000. It offers UG Programme (B.E.) in Electronics and Communication Engineering and PG Programme (M.E.) in Applied Electronics. The Department has also been recognized as a centre for carrying out Ph.D. Programme under Anna University. It has good infrastructural facilities with well-experienced and dedicated team of faculty members. The Department has signed MoU with various companies and has collaboration in Research & Development / Student Projects / Consultancy works. The Department organizes National level Students' Technical Symposia and Project Exhibition every year.

Courses Offered:

- B.E. Electronics and Communication Engineering (4 Years)
- M.E. Applied Electronics courses (2 Years)

Head of the Department:

Dr.R.Kalaivani

Professor & Head

Department of ECE

Erode Sengunthar Engineering College (Autonomous)

Perundurai, Erode – 638057.

Vision of ECE Department

- To impart professional excellence, leadership qualities and competence, embedded with character in students and serve the society through research.

Mission of ECE Department

- Create Learning Environment to serve the societal needs
- Impart state of art Technical Education to groom engineers with high professional standards
- Promote innovative ideas and augment research to improve the quality of life through application of technologies
- Provide high quality ethical engineers for the Benefit of the Society

Programme Educational Objectives (PEOs)

- Impart the learners, an ability to understand and use analytical, academic and communication skills effectively with special emphasis to fulfill societal needs
- Inspire the beginners to enrich their skills throughout career by learning about emerging technologies, adapting and accepting the changes to achieve leadership position in industry or academia
- Prepare graduates to innovate products/solutions through research to real life problems for boosting the economy of the region and the nation
- Prepare graduates to work effectively as a team and practice ethics in the profession with a sense of social responsibility

Inside...

Association Activities

Beyond Curriculum...

Campus Life...

Faculty Achievements & Contributions

Student Achievements & Contributions

Placements...

List of Events Organized by Department of ECE:

- Dr. S.Anand, Associate Professor, VIT, Vellore inaugurated "Whizzcom"- ECE Students Association activity and delivered a Guest Lecture on "Meta materials and Biosensors" on 17.07.2019



Dr. S.Anand, Associate Professor, during inauguration



Dr. S.Anand, Associate Professor, delivered a guest lecture

- Mr. A.V. Moganahari, Networking Engineer, Dhyam Networks and Technologies, Chennai delivered A Leaders` Talk on "STEP into Corporate World" on 16.08.2019



Mr. A.V. Moganahari, Networking Engineer, Dhyam Networks and Technologies during the interaction

- Mr. K. SenthurPandiyan, Application Engineer, FedEx Internet Technologies Corporation, Chennai delivered lecture on "Job Openings In Social Medias" on 16.08.2019



Mr. K. SenthurPandiyan, Application Engineer, FedEx Internet Technologies during leader's talk

- Ms. Sandhya Project Engineer, Aspire Systems, Chennai, delivered a Leaders Talk on "Choice of Career" on 07.09.2019



Ms. Sandhya Project Engineer, Aspire Systems, Chennai, during the session

- Mr. S. Rajlingam, Software Engineer, EMIS Healthcare & Software and Solutions, Chennai "Openings in Biomedical & Health Care Fields" on 08.09.2019



Mr. S. Rajlingam, Software Engineer, interacted with the students

- Mr. S. Paneer Manoj, Software Engineer, Wipro Technologies, Cochin delivered a Leaders Talk on "Importance of Programming in Core & IT Sectors" on 13.09.2019



Mr. S. Paneer Manoj, Software Engineer, Wipro Technologies during the session

- Mr. S.Sudalai, Trainer, Pantech Solutions, Coimbatore delivered a hands on training in two day Workshop on "Cloud Based Machine Learning for IoT Devices" on 06.09.2019 & 07.09.2019



Mr. S.Sudalai, Trainer, Pantech Solutions, Coimbatore during handson training

List of Faculties Participation/Contribution in Inter- Institute events

- Dr. R. Kalaivani Professor, acted as a External Jury in National Level Technical Symposium-ECLECTIC-2019 at Velalar College of Engineering & Technology on 28.09.19
- Mr.M.Karthikkumar, M.JothiMani, R.Poornima, AP, participated In National Level Seminar on "Wireless and Optical Network Design" at Velalar College of Engineering & Technology on 31.08.19.
- Mr.V.Thamizharasan AP, delivered a Guest Lecture on "Sequential Logic Circuits" at KGiSL Institute of Technology, Coimbatore on 27.08.19.
- Ms.M. Jothimani AP, Ms.R. Poornima AP, attended a workshop on "Wireless and Optical Network System Design" at Velalar College of Engineering & Technology on 31.08.19.
- Ms.M.Ramya AP, Ms.M. Jothimani AP, Ms.R. Poornima AP, attended AICTE sponsored Short Term Training Programme on "Design, Fabrication and Testing of Antennas and Design issues in Modern Antennas" at Sri Ramakrishna Institute of Technology, Coimbatore from 4.11.2019 to 9.11.2019.
- Ms.R.Kalaivani HoD, Mr.V.Thamizharasan AP, Mr.J.Sridhar AP, Mr.M.Karthikkumar AP attended AICTE sponsored One week Short Term Training Programme on Design and Development of Engineering Applications using Free/Open Source Software at Velalar College of Engineering & Technology from 25.11.2019 to 30.11.2019.

Students Participation in Inter- Institute Paper Presentation

- K.Anabalagan, M.Dheenadayalan&S.Harish of III year participated in paper presentation on "Li-Fi Communication" at Sri Sakthi Engineering College, Coimbatore on 30.08.19

- M.Shalini, S.Yogeswari & S.SuriyaPriya of III year participated in paper presentation on "Concealed Weapon Detection using Digital Image Processing" at Sri Sakthi Engineering College, Coimbatore on 30.08.19
- G.R.Karthikeyan & N.Karthik of III year participated in paper presentation on "Mobile Cloning" at Sri Sakthi Engineering College, Coimbatore on 30.08.19
- K.Poomani&K.Sarumathi of III year participated in paper presentation on "E-Paper" at Sri Sakthi Engineering College, Coimbatore on 30.08.19
- P.Mahalakshmi & S.Nithya of III year participated in paper presentation on "Blue Brain" at Sri Sakthi Engineering College, Coimbatore on 30.08.19.
- R.Susmitha & N.Pavithra of III year participated in paper presentation on "Flexible Electronic Skin" at Sri Sakthi Engineering College, Coimbatore on 30.08.19.
- L.K. Praveen & M.Padmesh of III year participated in paper presentation on "Li-Fi-Future of Wireless Communication" at CIT, Coimbatore on 29.08.19.
- A.Sangeetha, V.Vasanthakanni&S.JamunaofIII year participated in paper presentation on "Optical Fiber Network System" at K.S.R. Institute for Engineering & Technology, Tiruchengode on 06.09.19.
- S.Yogeshwari, S.Suryapriya, & M.ShaliniofIII year participated in paper presentation on "Finger Print Identification & Advanced Application" at K.S.R. Institute for Engineering & Technology, Tiruchengode on 06.09.19.
- N.Pavithra & R.Sumitha of III year participated in paper presentation on "Paper Battery" at K.S.R. Institute for Engineering & Technology, Tiruchengode on 06.09.19.

Students Participation in Inter- Institute Workshop

- J.Jeyaseeli & T.Abinaya of III year attended workshop on "Embedded Systems &IoT" at Chennai Institute of Technology, Chennai on 04.09.19.
- T.Lavanya, S.Kesavi, S.Keerthana, S.Brindha, &N.Kalaivani of III year attended workshop on "RTOS Implementation on IoT in Embedded Technologies" at Caliber Embedded Technologies, Coimbatore on 05.09.19.
- K.Anbalagan, O.Udhaya Kumar,L.K.PraveenP.Tamilselvan, M.Iyanar, P.S.Sivaranjani, K.Sathya, M.Ishwarya, R.Rajeswari, K.Sarumathi, K.Santhosh, K.R.Pravinkumar, S.Udhayakumar, K.Naveenkumar, S.Sabareesh S.Sabareesh & S.Sangeetha of III year attended workshop on "Programming for Raspberry pi Projects using Python" at K.S.R. Institute for Engineering & Technology, Tiruchengode on 07.09.19.
- V.Naveen&R.Kishoreof III year attended workshop on "MATLAB ONRAMP" at K.S.R. Institute for Engineering & Technology, Tiruchengode on 07.09.19.

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- K.V.Malini of III year attended workshop on "Ethical Hacking with Cyber Security" at IIT Madras from 14.09.19 to 15.09.19.
- G.R.Karthikeyan & N.Karthik of III year won First Prize in "Circuit Debugging" at Sri Sakthi Engineering College, Coimbatore.

List of Students Participation Details

S. No	Name of the Student	Year	Title	Date	Venue	Level	Remarks
Paper Presentation							
1	L.K.Praveen M.Padmesh	III	Li-Fi- Future of Wireless Communication	29.08.19	CIT, Coimbatore	National	Participation
2	K.Anabalagan M.Dheenadayalan S.Harish	III	Li-Fi Communication	30.08.19	Sri Sakthi Engineering College, Coimbatore	National	Participation
3	M.Shalini S.Yogeswari S.Suriya Priya	III	Concealed Weapon Detection using Digital Image Processing	30.08.19	Sri Sakthi Engineering College, Coimbatore	National	Participation
4	N.Karthik G.R.Karthikeyan	III	Mobile Cloning	30.08.19	Sri Sakthi Engineering College, Coimbatore	National	Participation
5	K.Poomani K.Sarumathi	III	E-Paper	30.08.19	Sri Sakthi Engineering College, Coimbatore	National	Participation
6	P.Mahalakshmi S.Nithya	III	Blue Brain	30.08.19	Sri Sakthi Engineering College, Coimbatore	National	Participation
7	R.Sumitha N.Pavithra	III	Flexible Electronic Skin	30.08.19	Sri Sakthi Engineering College, Coimbatore	National	Participation

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8	A.Sangeetha V.Vasanthakanni S.Jamuna	III	Optical Fiber Network System	06.09.19	K.S.R. Institute for Engg. & Tech., Tiruchengode	National	Participation
9	S.Yogeshwari S.Suriyapriya M.Shalini	III	Finger Print Identification & Advanced Application	06.09.19	K.S.R. Institute for Engg. & Tech., Tiruchengode	National	Participation
10	N.Pavithra R.Sumitha	III	Paper Battery	06.09.19	K.S.R. Institute for Engg. & Tech., Tiruchengode	National	Participation
Workshop							
1	J.Jayaseeli T.Abinaya	III	Embedded Systems & IoT	04.09.19	Chennai Institute of Technology, Chennai	National	Participation
2	T.Lavanya S.Kesavi S.Keerthana S.Brindha N.Kalaivani	III	RTOS Implementation on IoT in Embedded Technologies	05.09.19	Caliber Embedded Technologies, Coimbatore	National	Participation
3	K.Anbalagan O.Udhaya Kumar P.Tamilselvan S.Sangeetha G.Meenakshi M.Iyanar P.S.Sivaranjani K.Sathya M.Ishwarya R.Rajeswari	III	Programming for Rasberry pi Projects using Python	07.09.19	KSR Institute for Engg. & Technology, Tiruchengode	National	Participation

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	K.Sarumathi K.Santhosh K.R.Pravinkumar S.Udhayakumar L.K.Praveen K.Naveenkumar S.Sabareesh						
4	V.Naveen R.Kishore	III	MATLAB ON RAMP	07.09.19	KSR Institute for Engg. & Technology, Tiruchengode	National	Participation
5	K.V.Malini	III	Ethical Hacking with Cyber Security	14.09.19 & 15.09.19	IIT, Madras	National	Participation
Technical Seminar							
1	V.Harinishri J.Blessy G.Keerthana G.Kavusalya L.Jagatheswari S.Jamuna S.Sabareesh K.R.Pravin kumar L.K.Praveen M.Padmesh K.Santhosh	III	Wireless and Optical Network Design	31.08.19	Velalar College of Engineering & Technology, Erode	National	Participation
2	K.V.Malini M.Gomathi	III	Internet of Things Technology and	22.08.19	Sri Ramakrishna Engineering College,	National	Participation

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	T.Kamatchi A.Jeeva S.Kanimozhi		its Applications		Coimbatore		
Other Technical Events							
1	N.Karthik G.R.Karthikeyan	III	Circuit Debugging	30.08.19	Sri Sakthi Engineering College, Coimbatore	National	1 st Prize
2	R.Sumitha N.Pavithra P.Mahalakshmi S.Nithya K.Poomani K.Sarumathi M.Shalini S.Yogeswari S.Suriya Priya K.Anabalagan M.Dheenadayalan S.Harish	III	Circuit Debugging	30.08.19	Sri Sakthi Engineering College, Coimbatore	National	Participation