



Department of Electronics and Communication Engineering

ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT NEWSLETTER

Academic Year – 2020-21(ODD)

Volume 1

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Editorial Board,

Mr.J.Sridhar, AP/ECE

Mr.C.Janarthanan, 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

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Association Activities Organized by ECE Department

Department of Electronics and Communication Engineering organizes a Two Weeks STTP (online) On “Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks ” sponsored by AICTE during 17.08.2020 to 29.08.2020 (Phase-I) and 07.09.2020 to 12.09.2020 (Phase-II), has delivered the lecture on various topics.



Details of FDP/Workshop/Conference Attended by Faculty

Department of ECE

S. No	Name of the Faculty	Designation	Title of the Event	Date	Venue	Level	Remarks
1	Dr. V Prem Chandran	AP/ECE	6 days STTP on "Emerging trends in Robotics and its applications"	9.09.2020 to 14.09.2020	PSNA college of engineering and Technology	National Level	Participated
2	Dr. R. Kalaivani	P/ECE	AICTE Sponsored one week STTP on “Long Range Wireless Area Networks : A Futuristic Approach”	02.11.2020 to 07.11.2020	KSR Institute of Engineering & Technology	National Level	Participated
3	Dr. V Prem Chandran	AP/ECE	FDP on “Moodle Learning Management System”	15.12.2021 to 31.12.2021	Anna University, Chennai	National Level	Participated
4	J. Sridhar	AP/ECE	First	11.12.2020	Bannari Amman	International	Participated

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	G. Lingeswaran		International Conference on Circuits, Signals, Systems and Securities Title of the Paper: "A Novel Approach on PLCC Based Domestic Data Communication"		Institute of Technology	Level	
5	Dr. R. Kalaivani	P/ECE	ATAL Academy Online FDP on Internet of Things	14.12.2020 to 18.12.2020	KL University	National Level	Participated
5	Dr. V Prem Chandran	AP/ECE	one week AICTE Sponsored STTP on "Application of Artificial intelligence Technique in Overcoming the Challenges of Healthcare Industry"	07.12.2020 to 12.12.2020	Knowledge Institute of Technology, Salem	National Level	Participated

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Co-Curricular Activities - Students Participation Details (2020-2021)

The students' participation and achievements in co-curricular activities such as Technical Quiz, webinars, project display, paper presentation etc. are listed below

S. No	Name of the Student	Year	Title	Date	Venue	Level	Remarks
Workshop							
1	S. Dineshkumar	II	HTML	05.07.20	Coding University of Leeds	National	Participation

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	M.Madhubala N.S.Venkatesh babu T.Divya Nandha Kumar						
2	S. Dineshkumar M.Gokulapriya N.Ramya M.Madhubala N.S.Venkatesh babu Venkatesh	II	CSS	12.07.20	Accenture University of Leeds	National	Participation
3	R. Nandhakumar M.Gokulapriya N.Ramya M.Madhubala S. Dineshkumar Kirubha Shankar	II	Java script	19.07.20	Accenture University of Leeds	National	Participation
4	R. Nandhakumar M.Gokulapriya N.Ramya M.Madhubala N.S.Venkatesh babu T.Divya R.Purnachandrigaa	II	Deep Dive Into Arduino Platform	17.04.21	Jai Shriram Engineering College	National	Participation

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	M.Selvanayaki S.Prasath M.Lokesh J.Naganiranjana A.Ashwini						
5	Kiruba Shankar P Gokula Priya M Ramyra N Gokul L Purnachandrigaa R Selvanayaki M Naganiranjana J Madhubala M Rajalakshmi S K Ramya Gowri M.Lokesh R.Tamizhan	II	A Journey of an entrepreneur	28.08.20	Sri Eshwar College of Engineering	National	Participation
6	S.Vimala Rubika SuthiSwetha Sruthi Jamuna Rani Bhavatharani Divya	III	A Journey of an entrepreneur	28.08.20	Sri Eshwar College of Engineering	National	Participation

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7	R. Purnachandrigaa Gokula Priya M Ramya N Gokul L Selvanayaki M Naganiranjana J Madhubala M Rajalakshmi S	II	Aligning Yourself to the Publishing Process	24.07.20 & 25.07.20	Elsevier Research Academy	National	Participation
8	O.Gokul S.Vimala Rubika SuthiSwetha Sruthi Jamuna Rani Bhavatharani Divya Jayaprakash Hariprsanth Thangamani Vincent Raj Kovarthini Lavanya	III	Aligning Yourself to the Publishing Process	24.07.20 & 25.07.20	Elsevier Research Academy	National	Participation
Webinar/ Seminar							
1	Kiruba Shankar P Gokula Priya M	II	Career Beyond Diploma and School Life	28.06.20	Builders Engineering College	National	Participation

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	Ramya N Gokul L Purnachandrigaa R Selvanayaki M Naganiranjana J						
2	Jayaprakash O.Gokul K.Divya B.Dhivya Mohan Kumar	III	Nanoscience & Future Perspective	08.06.20	Muthayammal College of Arts and Science	National	Participation
3	A. Ranjani Jayaprakash Janarthanan Kovarthini Lavanya	III	Raspberry Pi for Embedded Systems	14.08.20	Balaji Institute of Technology and Science	National	Participation
4	Jayaprakash S.Vimala O.Gokul Prakash Vincent raj Divya K	III	Parkinson's Disease Analysis using Machine Learning	23.08.20	IEDC College of Engineering	National	Participation
5	Jayaprakash Hari Prasanth Jamunarani M. Keerthika	III	Power of Artificial Intelligence in IoT	28.08.20	Bannari Amman Institute of Technology	National	Participation
6	L. Gokul	II	Impact of Engineering and	29.08.20	Sri Eshwar College	National	Participation

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	M.Lokesh M.Selvanayaki R.Purnachandrigaa		Electronics in Healthcare Industry		of Engineering		
7	M. Keerthika	III	Deep Learning based Android app Malware Indentification	12.09.20	Novi Tech	National	Participation
8	Jayaprakash S.Vimala Bhavani Mohan Kumar	III	Multilayer Home Security System by Image processing IoT	16.09.20	Balaji Institute of Technology & Science	National	Participation
Quiz							
1	S Gokula Priya M Ramya N Gokul L Selvanayaki M Naganiranjana J Madhubala M	II	Quiz on Indian Independence Movement	10.08.20	Kongu Arts and Science College	National	Participation
2	Madhubala M Gokula Priya K Ramya Gowri S.Vishnu Priya M Selvanayaki	II	Python	05.12.20	Mahendra Arts and Science College	National	Participation

Extracurricular Activities:

- M. Keerthika of III year won **gold medal** in 1500 mtrs in **National Level Championship** held at **Madgoan, Goa**.
- M. Keerthika of III year won **gold medal** in 1500 mtrs in **Indo-Nepal International Championship** held at **Pokhara, Nepal**.