



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE - 637215

ECE TIMES

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DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



Vision of the Institute

- ❖ To become a globally recognized Institution in Engineering Education, Research and Entrepreneurship.

Mission of the Institute

- ❖ Accomplish quality education through improved teaching learning process.
- ❖ Enrich technical skills with state of the art laboratories and facilities.
- ❖ Enhance research and entrepreneurship activities to meet the industrial and societal needs.

Vision of the Department

To produce globally competitive Electronics and Communication Engineers and Entrepreneurs with ethical values.

Mission of the Department

- DM1:** Impart quality education through student centric teaching and learning process.
- DM2:** Equip students with Industry driven skills by providing excellent Infrastructure and continuous interaction with academia and Industry.
- DM3:** Empower students towards research, entrepreneurship and lifelong learning to meet societal needs.

Program Educational Objectives (PEOs)

- PEO 1: Core Competency :** Graduates will have strong foundation in Engineering, Science and Technology for a successful career in Electronics and Communication Engineering.
- PEO 2: Professionalism :** Graduates will have effective communication skills, interpersonal skills and ethical values to exhibit professionalism in multidisciplinary environment.
- PEO 3: Higher studies and Entrepreneurship :** Graduates will pursue professional development through higher studies and have entrepreneurial attitude to address technological changes and societal needs.

AURA Association of Electronics and Communication Engineering



Department Association called “AURA” was formed in the year 2011. In order to provide a platform for the students and faculty to present and share their ideas, thoughts and findings and to conduct expert lectures, seminars, workshops, symposiums, conferences etc. This also aims in bringing pioneers in electronics and communication engineering minds to drive them towards the excellence in Electronics and Communication Engineering.



- AURA Inauguration was conducted in 16.08.2017.
- Guest lecture on Bridging Gap between College and Corporate conducted by Mr.V.Pasupathy, Program Manager, Infosys conducted on 16.08.2017



The Memorandum of Understanding (MOU) signing with Enthi Technology Solutions India Pvt.Ltd

The Memorandum Of Understanding (MOU) is signed between Department of Electronics and Communication Engineering, KSRIET and Enthi Technology Solutions India Pvt.Ltd., on 07th July 2017. The benefits of MOU is to provide the Opportunity to collaborate with the industry, promote the knowledge level of students and faculty by conducting various Workshops , Value added Course and Faculty Development Programme at regular basis. Mr. Moorthi Kanagaraj, Director Business Development, Enthi Technology Solutions India Pvt.Ltd, Mrs.W.Devapriya , Domain Coordinator, Dr.R.Nandakumar, Professor & Head, Department of ECE and Dr.M.Venkatesan, Principal, KSRIET Institute for Engineering & Technology Signed the MOU.



Project Proposal submitted

Dr.N.R.Rajalakshmi, K.R.Gokulanand proposed a project on “**Equipment for rescue of Children from Borewells**” to Interdisciplinary Project Proposal called by **PALS** and IIT(M).

Faculty Publications in National/ International Journals/ Conferences

- **E. L. D. Priya and N. N. Pragash**, "Advanced high speed optical pattern recognition for sur-veillance systems," *2017 Fourth International Conference on Signal Processing, Communication and Networking (ICSCN)*, Chennai, 2017, pp. 1-4. doi: 10.1109/ICSCN.2017.8085723 **Publisher: IEEE**
- **M.V.Mahesh & K.R.Gokulanand** , “**VLSI Floor Planning based on improved ABC Algorithm**”, 2nd International Conference on Recent Innovations in Engineering and Technology 21.12.17 & 22.12.17 **Conducted By: Auroro’s Scientific Technological and Research Academy**

Faculty Development program Organized by the department

Anna University sponsored FDP on “**EC6602 – Antenna and Wave Propagation**” was conducted by our faculty **Dr.R.Nandakumar**, HoD/ ECE ,**B.Latha**, AP/ECE, **M.V.Mahesh**, AP/ECE from 27.11.17 to 03.12.17



Two days FDP on “**Principles of Digital Signal Processing**” was conducted by our faculty, **Ms.B.Latha**, AP/ECE & **Mr.K.R.Gokulanand**, AP/ECE on 15.06.17 & 16.06.17

Value added course or Workshop organized by the department

S.Karthik, AP/ECE, K.Venkatachalam, AP/ECE
“**Project Based Learning in Embedded System Design using ARDUINO platform**” from 09.08.17 to 11.08.17



P.Premkumar, AP/ECE & G.Gowtham Raj, AP/ECE
organized Speed Maths – “**Maths or Magic workshop**” on 16.12.17

Guest lectures and Keynote speeches by faculty

- ❖ Dr.R.Nandakumar, HoD/ECE provide Guest Lecture on “**Internet of Things (IoT) in Non-invasive Healthcare Systems**” at Dept of ECE, K.S.Rangasamy College of Technology on 22.06.17
- ❖ Dr.R.Nandakumar, HoD/ECE act as Resources person for the “**Training program**” at K.S.R.Polytechnic College on 30.06.17
- ❖ Dr.R.Nandakumar, HoD/ECE act as Resources person for the “**Motivation programme**” at K.S.R.Polytechnic College on 04.07.17
- ❖ Dr.R.Nandakumar, HoD/ECE act as Resources person for the “**Training program**” at K.S.R.Polytechnic College on 05.07.17
- ❖ Dr.R.Nanda kumar, HoD/ECE provide Guest lecture on Camp on “**Naattu Nalappani Thittam**” at K.S.R. Matric Higher Secondary School on 27.09.17
- ❖ Dr.R.Nanda kumar, HoD/ECE act as Resources person for the “**Motivation programme**” at 1st Year Students of KSRIET from 23.10.17 to 03.11.17
- ❖ G.Gowthamraj provide Guest Lecture on “**Internet of Things using Raspberry Pi and Python**” at Dept of ECE, Ramco Institute of Technology from 02.12.17 & 03.12.17





FACULTY ACHIVEMENTS

Ph.D., Awarded Faculty



Faculty Name	Title	Viva vice Date	Guided by
Dr. W. Devapriya	An Intelligent Vehicle/Driver Assistance System for Speed Bump Detection and Traffic Sign Recognition	09.11.2017	Dr.C.Nelson Kennedy Babu



NPTEL Online Certification



Mrs. K.J. Uma	Introduction to Internet of Things	(Elite Grade)	JUL - OCT 2017
Mr. K.R.Gokulanand	Introduction to Internet of Things	(Elite Grade)	JUL - OCT 2017
Ms.B.Latha	Digital Speech Processing	(Elite Grade)	JUL - OCT 2017

Knowledge up gradation:

Seminar/FDP/SDP/Workshop/STTP etc attended by Faculty

S.No	Name of the Faculty	Title of the Programme	Type of the Programme	Conducted by (Dept. and Institution)	Date
1.	Mr.J. Divakaran	Cognitive Satellite Geodesy Image Processing and Remote Sensing	Seminar	Dept of ECE, K.S.Rangasamy College Of Technology	23.06.17 & 24.06.17
2.	Ms.E.L.DhivyaPriya				
3.	W.Devapriya	Deep learning: Smart Tool for Big Data Challenge in Health Care	Two days National Seminar	Dept of ECE, KSRCT	22.07.17 & 23.07.17
4.	11 Faculty Members of our department attended seminar on "Research Methodology" organized by Dept. of EEE / KSRIET on 05.08.2017				
5.	Mrs.W.Devapriya	Deep Learning Challenges in Big Data Analytics	National Seminar	SERB & Dept of ECE, KSRCT	10.08.17 & 11.08.17
6.	Ms.B.Latha	Emotional Intelligence	Faculty Development Programme	ICTACT & KSRCAS	17.08.17 & 18.08.17
7.	Mr.P.Prem Kumar	Indo – Global Education Summit &	Indo – Global Skills Summit	The Indus Foundation,	28.08.17

		Expo 2017	& Expo 2017	Bangalore	
8.	Mr.T.Marthandan	Wireless Communication Tech Day	Complementary Seminar	Rohde Schwarz, Bangalore	12.09.17
9.	Mr.M.V.Mahesh				
10.	Mr.K.R.Gokulanand	PALS Campus Lecture	Seminar	RVS Group of Institutions	14.09.17
11.	Mrs. K.J. Uma	Introduction to Internet of Things	NPTEL Online Certification	IIT Madras	JUL - OCT 2017
12.	Mr. K.R.Gokulanand	Introduction to Internet of Things	NPTEL Online Certification	IIT Madras	JUL - OCT 2017
13.	Ms.B.Latha	Digital Speech Processing	NPTEL Online Certification	IIT Madras	JUL - OCT 2017
14.	Mr.P.Govindaraju	“Learning Improvement techniques”	Faculty Development Programme	IIT Madras	01.11.17 to 03.11.17
15.	Mrs.K.J.Uma	“Challenges and Opportunities in IoT based Stand Alone and Interactive Micro Grid System”	National Level Seminar	Dept of EEE, KSRCT & Sponsored by AICTE	01.11.17 to 03.11.17
16.	P.Premkumar				
17.	E.L.Dhivya priya	Advancement in 3D printing for Medical Imaging – Applications and Models	National Level Seminar	ICMR sponsored & organized by Dept of ECE, Jay Shriram Group of Institutions	24.11.17
18.	K.J.Uma	Engineering Challenges for Smart & Digital India: Internet of Things (IOT) and Applications	Faculty Development Programme	Dept of ECE, KSRCT & Sponsored by AICTE	20.11.17 to 01.12.17
19.	K.Venkatachalam				
20.	K.R.Gokulanand				
21.	T.Marthandan	EC6602 – Antenna and Wave Propagation	Faculty Development and Training Programme	Dept. of ECE/ KSRIET & Approved by Anna University, Chennai	27.11.17 to 03.12.17
22.	R.Leelavathi				
23.	S.Nandhakumar				
24.	J.Divakaran				
25.	E.L.Dhivya priya				

Congratulations
to all the winners!

STUDENT ACHIVEMENT



Name of the Student	Year / Sem./ Sec	Event Name	Conducted on	Name of the Department (Organized)	Prizes Won
P. Gowri	III / V / A	NPTEL Online Certification on - Introduction to Modern Application Development	24.09.2017	NPTEL IIT MADRAS	Elite Grade
S. Deepankumar	IV/ VII /A	NPTEL Online Certification on - Design for internet of things	24.09.2017	NPTEL IIT MADRAS	Elite Grade
G Palanivelu.G T.S. Naveen	III / V/ B	Circuit Debugging	14.10.17	Dept of ECE / KSRCT	1 st Prize
P. Harshini Devi P. Gowri R. Bhuvaneshwari C. Kowsalya T. Gokila C. Sridhar	III / V / A	NPTEL Online Certification on - Introduction to IOT	22.10.17	NPTEL IIT MADRAS	Elite Grade
S. Bhavyashree	II / III / A	Readers Arena Contest	21.07.2017	ECE / KSRIET	1 st prize
S. Ilakiya	II / III / A	Readers Arena Contest	21.07.2017	ECE / KSRIET	2 nd prize
A.Arunkumar	III / V/ A	Readers Arena Contest	28.07.2017	ECE / KSRIET	2 nd prize
R. Bhuvaneshwari	III / V/ A	Readers Arena Contest	28.07.2017	ECE / KSRIET	1 st prize
P.Priyadharshini	II/III/B	Readers Arena Contest	11.08.2017	ECE/KSRIET	2 nd prize
P.Karthikeyan	III/V/A	Readers Arena Contest	11.08.2017	ECE/KSRIET	1 st prize
S.Durka devi	IV/VII/A	Tech Buzz	30.08.2017	ECE/KSRIET	1 st prize
C.Deepak Raju					
S.Dhivya					
S.Dhivya Prabha					

Students participation in Project Contest

Name of the student	Year/Sem/ sec	Type of the Programme	Conducted by (Dept. and Institution)	Date
Sangeetha N	IV / VII / B	Project Contest - Green house monitoring using IoT	Quest Global	JULY - 2017
Sasitha M				
Soundharya V				
Pradeepa S				
V.Venkatesh	IV / VII / B	Project Contest - Smart Sanitation	Quest Global	JULY - 2017
Preethiberlin .W				
Priya P				
Sineha N				
S.Sugumar	IV / VII / B	Project Contest - Automized Zero Accident Level Crossing	National Instruments - Niyantara Student Design Contest	JULY - 2017
M.Hemavarthini	IV / VII / A			
V.Venkatesh	IV / VII / B	Project Contest - Smart Sanitation	National Instruments - Niyantara Student Design Contest	JULY - 2017
Preethiberlin .W				
Priya. P				
Sineha N				
Sangeetha N	IV / VII / B	Project Contest - Advanced automatic reuse of purifier water	National Instruments - Niyantara Student Design Contest	JULY - 2017
V.S.Janani	IV / VII / A			
Lokeshkumar.V	IV / VII / A			
Venkatesh V	IV / VII / B	Project Contest - Smart Sanitation	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Preethiberlin W				
Priya P				
Sineha N				
Priyadharsini S		Project Contest - Intelligence Automatic Time Adjusting Traffic Light Control System	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Rajasri S				
Saravanan R				
Soundharya V				
Vimala.D	IV / VII / B	Project Contest - Embedded system based smart safety swimming pool	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Sangeetha N				
Yuva Raja.S				
Jotheeswaran K				
Sasitha M	IV / VII / B	Project Contest - Autonomous Fire	TI – India Innovation	AUGUST - 2017
Deepan.K				

Poongodi S		Fighting Robot Using	Challenge Design	
Bhuvaneshwari.S	IV / VII / A	MSP 430Launchpad	Contest 2017	
Pradeepa S	IV / VII / B	Project Contest - Embedded system based healthcare monitoring using IoT	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Priya R				
Sibi Chakaravarthi Cholan C				
Logeshwari L				
Sampath Kumar A				
Sharanya A	IV / VII / B	Project Contest - Smart Auditorium Control Device Using Embedded System	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Pream Kumar S				
Naveenraj N				
Monica Devapriyam P				
Sathish Kumar S	IV / VII / B	Project Contest - Modern Live Vehicle Tracking System Using Android Application	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Ravi Varma B				
Siva Prakash D				
Subramaniyam K				
Nandhini.M	IV / VII / A	Project Contest - Avoid Accident Due To Drunk Driving using MSP 430	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Nandhini.R				
Nivetha.A				
Oviya.T				
K.Manoj Kumar	IV / VII / A	Project Contest - HD Mobile Projector	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
J.Dhivya Dharani				
V.Manoj Aravind				
M.Bharath Kumar				
V.Naagha Naveen Kumar	IV / VII / A	Project Contest - Automatic Entry &Location Detection Using Embedded controller	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
G.Kavinraj				
R.Jothiprakash				
S.Kathires				
K.N Gokul Raj	IV / VII / A	Project Contest - Drowsiness Sleeping Detection Driver Alert System	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
M.M.Parthasarathi				
G.M Karthikeyan				
M.Govindaraj	IV / VII / A	Project Contest - Modern Agriculture Techniques To Conserve Water Using MSP 430	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
V.Karthi				
R.Gokulakrishnan				
S.Kaleeshwaran				

K.Aravind S.Pavithran	IV / VII / A	Project Contest - Finger Print Authentication For Theft Control & Accident Reporting	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
M.Logesh Kumar B.Madhu Krishna	IV / VII / A	Project Contest - Defusing the Bomb Using MSP 430 And Android	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
R.Vignesh P.Tharanya P.Thangavel R.Sumathi E.Ramyasri	II / III / B	Project Contest - IOT Based Smart Cities Intelligence Bin	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Palanivelu.G Naveen.T.S R.R.Pradhip V.Vinay	III / V / B	Project Contest - AGROTRONICS	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
V.Praveenkumar Sridhar.C V.Yogesh N.Naresh	III / V / B	Project Contest - Click To Pick	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
P.Karthikeyan M.Karthikeyan G.Dhayali R.Gopala Krishnan R.Dharani	III / V / A	Project Contest - Sustainable Energy Source From Green House Gases (Co2)	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Ramkumar.L Karthika .D Sasikumar.T Keerthana.L	III / V / A	Project Contest - Smart & Compact Women Safety Band Using Embedded System	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Alexraj.A Devi.U Pradeep.S Bharathi.D Gowri.P	III / V / A	Project Contest - Smart Cutter	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017
Harishini Devi.P Gokila.T Ezhil.M Bhuvaneshwari.R Kowsalya.C	III / V / A	Project Contest - Automation in Outdoor Garden Maintenance	TI – India Innovation Challenge Design Contest 2017	AUGUST - 2017

T.S.Naveen	III / V / B	Load Pressure Monitoring on Ethernet	PALS Innovation	August 2017
G.Palanivelu				
Vinay.V				
Preethiberlin W	IV / VII / B	Smart Sanitation	TNSCST – DOTE Campus, Chennai	SEPTEMBER- 2017
Priya P				
Sineha N				
Venkatesh V				
Sangeetha N	IV / VII / B	Embedded system based smart safety swimming pool	TNSCST – DOTE Campus, Chennai	SEPTEMBER- 2017
Vimala.D				
Yuva Raja.S				
Jotheeswaran K				
Pradeepa S	IV / VII / B	Embedded system based healthcare monitoring using IoT	TNSCST – DOTE Campus, Chennai	SEPTEMBER- 2017
Priya R				
Sibi Chakaravarthi Cholan C				
Logeshwari L				
Sampath Kumar A	IV / VII / B	ARDUINO Based Automatic Engine Locking System For Overload Vehicles	TNSCST – DOTE Campus, Chennai	SEPTEMBER- 2017
Ranganathan.S				
Vigneshwar.B				
Udhayakumar.B				
Tamilarasu.S	IV / VII / B	Smart Auditorium Control Device Using Embedded System	TNSCST – DOTE Campus, Chennai	SEPTEMBER- 2017
Pream Kumar S				
Sharanya A				
Naveenraj N				
Monica Devapriyam P	IV / VII / B	Modern Live Vehicle Tracking System Using Android Application	TNSCST – DOTE Campus, Chennai	SEPTEMBER- 2017
Ravi Varma B				
Sathish Kumar S				
Siva Prakash D				
Subramaniam K	IV / VII / A	Avoid Accident Due To Drunk Driving using MSP 430	TNSCST – DOTE Campus, Chennai	SEPTEMBER- 2017
Nandhini.M				
Nandhini.R				
Nivetha.A				
Oviya.T	IV / VII / B	Obstacles Avoiding Robot Using Embedded System	TNSCST – DOTE Campus, Chennai	SEPTEMBER- 2017
Sathiyamoorthy.S				
Muhamadanas.G				
Dinesh.T				
Uma.P				

B.Madhu Krishna	IV / VII / A	Defusing the Bomb Using MSP 430 And Android	TNSCST – DOTE Campus, Chennai	SEPTEMB ER- 2017
M.Logesh Kumar				
Poongodi S	IV / VII / B	Autonomous Fire Fighting Robot Using MSP 430Launchpad	TNSCST – DOTE Campus, Chennai	SEPTEMB ER- 2017
Sasitha M				
Deepan.K				
Bhuvaneshwari.S				
T.S.Naveen	III / V / B	Project Contest	Dept of ECE / KSRCT	14.10.2017
G.Palanivelu				
V.Praveen kumar	III / VI/ B	Multi-Utility Light	Bajaj – Navachar Electrical Contest	December 2017
C.Selvarakeshkumar				
C.Nivedhan Raj				
S.Sridharan				
T.S.Naveen	III / VI/ B	Multi-Utility Light	Bajaj – Navachar Electrical Contest	December 2017
V.Vinay				
G.Palanivelu				
N.Naresh				
P.Karthikeyan	III / VI/ A	Multi-Utility Light	Bajaj – Navachar Electrical Contest	December 2017
S.Karthikeyan				
M.Kathiravan				
A.Arun kumar				

(Co-curricular Activities – Inter College level)

Name of the Student	Year / Sem./ Sec	Event Name	Conducte d on	Name of the Department (Organized)
Arun Kumar. A Ram kumar. L Ranjith Raja. M Sakthivel.K	III/ V /A	Seminar on PALS	09.08.17	Adhithya College of Engineering
	III/ V /B			
Gowri. P	III/ V /A	Workshop on Arduino	16.08.17	Arjun Engineering College
Brahadeeshwaran .M	II / III / A	Workshop on “Hack on Android” – Worlds biggest International Hands on Security Forensic Workshop.	20.08.17	Excel Engineering College
Priyanga.S Priyanga.M Maheshwari.C Preethi.G Ramesh.S	III/ V /B	Workshop on Raspberry-pi, Arduino, IoT and Node- RED	25.08.17 & 26.08.17	Kongu Engineering College
Ilakiya.S Monika.R	II / III /A	IEEE Coimbatore Hub Congress - 2017	08.09.17 & 09.09.17	Knowledge Institute of Techn ology

Vignesh .R	II / III / B	Project Expo – INVENTE 17 National Level Technical Symposium	09.09.17	SSN College of Engineering
Bhuvaneshwari. R Harini. T Gowri. P Kowsalya. C	III / V / A	Paper Presentation – TECHETHRA’17 National Level Technical Symposium	09.09.17	KPR Institute of Engineering and Technology, Coimbatore
Kathiravan . M	III / V / A	Paper Presentation – National Level Technical Symposium	27.09.17	Salem College of Engineering and Technology
Abdulkathar S	II / III / A	NPTEL Online Certification on - Introduction to Modern Application Development		
Dhivya T Iswarya P Bhavyashree. S Tamilarasi. S Roshini T	II / III	NPTEL Online Certification on - Introduction to Programming in C		
Karthika D	III / V / A	NPTEL Online Certification on - Design for internet of things		
Jothiprakash.R Naagha Naveen Kumar V	IV / VII / A	NPTEL Online Certification on - Introduction to Psychology		
Palanivelu.G	III / V/ B	Coding Contest	14.10.17	Dept of ECE / KSRCT
Naveen T.S.		Quiz		
Palanivelu.G				
Naveen T.S.				
Harini T	III / V / A	NPTEL Online Certification on - Introduction to IOT	22.10.17	NPTEL IIT MADRAS
Ezhil M				
Sridhar C	III / V / B			
11 III students attended Workshop on “Internet of Things” at Coimbatore Institute of Technology on 27.08.17				
15 Students participated in PALS Campus Lecture on 13.09.2017 at RVS Group of Institutions				

Implant Training attended by the students

Name of the student	Year/Sem/sec	Title of the programme	Type of the Programme	Conducted by(Dept.and Institution)	Date	Period
R.Dharani U.Devi G.Dhayali A.Alexraj S.Anbarasan S.Pratheep M.Kathiravan M.Krishnaa	III / VI/ A	Embedded System Technologies	Implant Training	Codebind Technologies, Coimbatore	30.11.17 to 02.12.17	3 days

Extra-Curricular Activities

Name of the Student	Year / Sem. / Sec.	Event Name	Date	District / Zonal/ State / National Level	Organized by
C.Selvarakesh kumar	III / V/ B	Foot ball match	06.09.17 & 07.09.17	South Zone Match	M.P Nachimuthu M.Jaganathan Engineering College, Erode
A.Gokulakrishnan	II / III / A				
C.Selvarakesh kumar	III / V/ B	South Zone Football Match	25.09.17 to 27.09.17	Zonal Level Match	Karunya University, Coimbatore
A.Gokulakrishnan	II / III / A				
R.Saravanakumar	III / V / B	Kabadi match	03.10.17 To 06.10.17	Zonal Level Kabadi Match	KSR Institutions

GALLERY





EDITORIAL BOARD

Principal		Dr.M.Venkatesan
HoD/ECE		Dr.R.Nandakumar
Association Head & Editor		Mr.R.Tamilmani, AP/ECE
Student Editors	Third Year	Mr.S.Anbarasan
		Ms.L.Keerthana
		Ms.S.Pavithra
		Ms.S.Suganthi

Program Outcome for Electronics and Communication Engineering

PO 1: Engineering Knowledge: Apply knowledge of mathematics, science and engineering principles to solve problems in the domain of Electronics and Communication Engineering.

PO 2: Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/Development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess Societal, Health, Safety, Legal and Cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: Project management and finance: Demonstrate Knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSO)

PSO1: Embedded system design: Graduates will be able to analyze, design, construct and test electronic and embedded systems for desired specification.

PSO2 : Simulation Tools: Graduates will be able to solve emerging real world problems using suitable hardware and software tools.



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