ECE TIMES

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KSR INSTITUTE FOR
ENGINEERING AND
TECHNOLOGY
DEPARTMENT OF ECE

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.

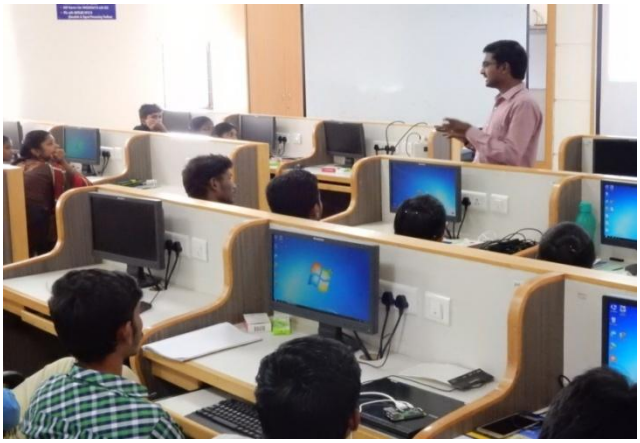
PEO 2: **Professionalism :** Graduates will have effective communication skills, interpersonal skills and ethical values to exhibit professionalism in multidisciplinary environment.

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.

ECE TIMES

NATIONAL CONFERENCE

- National Conference on Recent trends in Engineering and Technology was conducted on 24.03.16



- Value added course on Front end design of Digital VLSI circuits using verilog HDLwas conducted by Mr.Gowtham Raj & Mr.R.Tamilmani on 17.12.15 & 19.12.15.

EVENTS ORGANIZED BY THE DEPARTMENT

Two days Value added course on Java Networking was handled by Dhivya.J & andP.Premkumar on 17.12.15 & 19.12.15

Value added course on Industrial Exposure in Embedded Environment was conducted by Mr.A.Prabakaran, Ms.K.J.Uma,Ms.Vidhya &Mr.Karthik on14.12.15, 15.12.15 & 8.1.16

One day workshop on "Project Based Learning in 8051 Microcontroller using KEIL & PROTEUS tool was conducted by Mr.Ramkumar,Mr.S.Boopathy & Mr.A.Prabakaran on 29.12.15& 9.3.16

One day workshop on " Mentor Graphics Tool" was conducted by Mr.Ramkumar,S.Boopathy,Mr.G.Gowthamraj on 25.2.16

Workshop on "Real Time Signal & Image Processing using Xilinx Vidado system generator" conducted by Mr.Ramkumar, S.Boopathy, Mr.G.Gowthamraj on 26.2.16

One day workshop on "Antenna design and analysis using CEM tool"was conducted by S.Deepak &S.Karthik on 18.3.16

One Day Work Shop on CMOS VLSI Design Using Microwind Tool &DSCH" was conducted by Mr.G.Gowthamraj,Mr.R.Tamilmani, Mr.K.Venkatachalam on 18.3.16

GUEST LECTURES AND KEYNOTE SPEECHES BY FACULTY

- **Mr.P.GOVIND RAJ** acts as a Resource person for the "INNOWIZ 2K15"titled "**GUIDELINES TO PROJECT COMPETITION**" at MUTHAYAMMMAL POLYTECHNIC COLLEGE,RASIPURAM on 17/12/15.
- **Mr.G.Gowthamraj**,AP/ECE provides Guest lecture for the VLSI WORKSHOP titled "**VERILOG PROGRAMMING-XILINX DESIGN FLOW &FPGA"** at ENTHU TECHNOLOGY SOLUTION INDIA PVT LTD COIMBATORE on 15/12/15 to 17/12/15.
- **Prof.R.Nandhakumar,HOD/ECE** gives a Guest lecture for the TRAINING PROGRAMME titled "**PLACEMENT TRAINING**" at KSR College of Arts and Science for Women on 05/01/16.
- **Prof.R.Nandhakumar,HOD/ECE** gives a Guest lecture for the "Translational Engineering in Medicine:A Bridge to improve the Quality Of health Care" titled "**Cardiovascular and Respiratory System Engineering**" at **KSR College of Technology** on 15/04/16.

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.	S.Karthik	Seven Days Fdtp On "Ec6602-Antenna And Wave Propagation	FDTP	VCET Erode	16th To 22nd Dec 2015
2.	S.Nandhakumar	Fdp On "Entrepreneurship"	FDP	PSG College of Technology Coimbatore.	7th -18th Dec 2015
3.	A.Prabhakaran	Mobile Application Development	FDP	KSR Institute For Engineering& Technology Tiruchengode	19/12/15
4.	P.Vidhya				
5.	B.Latha				
6.	K.Geetha				
7.	K.J.Uma				
8.	P.Premkumar	One Week Teqip Sponsored Workshop On "Semiconductor Devices: Theory& Practice	Workshop	Thiyagarajar College Of Engineering Madurai	30th To 6th Dec 2015
9.	T.Marthandan	Two Days Wokshop On Antenna Design Using **Cem** Tool	Workshop	Anna Univerity Regional Centre Coimbatore	03th To 4thdec 2015
10.	H.Senthilkumar				
11.	B.Latha	Optimization Techniques For Engineering	Workshop	Kongu Engineering	29th Jan & 30th Jan,
12.	V.Praveen Kumar				

13.	K.R.Gokulanand	Applications		College, Erode	2016
14.	K.R.Gokulanand	Two Days Workshop On Cadence Tool	Workshop	Ece/Karunya University, Coimbatore	7/4/16 & 8/4/16
15.	H.Senthil Kumar				
16.	S.Nandhakumar	National Workshop On Translational Engineering In Medicine :A Bridge To Improve The Quality Of Health Care	National Workshop	Ece/ K.S.Rangasamy College Of Technology, Tiruchengode	15^{th}&16^{th} Apr 2016
17.	K.R.Gokulanand				

Faculty presentations in National Conferences.

S.No.	Name Of The Author(S)	Title Of The Paper	Title Of The Conference	Conducted By (Dept. And College)	Date Of Conference
1.	W.Devapriya	"Advance Driver Assistance System"	"National Conference On Recent Trends In Engineering And Technology"	ECE/ Ksriet Tiruchengode	24 /3/16
2.	W.Devapriya	"Traffic Sign Detection &Recognition Using Support Vector Machines" (Svm)	"National Conference On Trends In Engineering Application And Management"	ECE/ Velalar College Engineering And Technology, Erode	26/3/16
3	P.Vidhya	Fire Detection And Fire Signature Using Color Models For Security	Future Trends In Control Communication And Power Systems In Association With Indian Space Research Organization	ECE/ Excel College Of Engg And Tech	1^{st}&2^{nd} Apr 2016

4	K.J.Uma	Iot Based Home Automation For Elderly Care Using Embedded System	"Trends In Engineering Application And Management"	ECE/ Velalar College Of Engg &Tech Erode	Mar 26th 2016
5	K.R Gokul Anand	Intensive Plant Growth Nursing And Disease Rectification	National Conference On Innovation In Applied Science ,Engineering& Technology 2016	Arjun College Of Technology , Coimbatore.	Feb 26th 2016

STUDENT ACHIVEMENT

CO-CURRICULAR ACTIVITIES – INTRA COLLEGE LEVEL

- 14 of our students have participated in the Value added Course on the topic Front end design of digital VLSI circuits using Verilog HDL.
- 20 of our students have attended Value added course on the topic Implementation of basic electronic circuits using Multisim.

STUDENTS TOPPER LIST

I SEM RESULTS

S.NO	STUDENT NAME	GPA OBTAINED	RANK	PHOTO
1	GOKILA.T	8.38	1	

II SEM RESULTS

S.NO	STUDENT NAME	GPA OBTAINED	RANK	PHOTO
1	GOWRI.P	8.29	1	

OVERALL TOPPER

S.NO	STUDENT NAME	CGPA OBTAINED	RANK	PHOTO
1	GOWRI.P	8.32	1	

III SEM RESULTS

S.NO	STUDENT NAME	GPA OBTAINED	RANK	PHOTO
1	SURIYA V	7.69	1	

IV SEM RESULTS

S.NO	STUDENT NAME	GPA OBTAINED	RANK	PHOTO
1	SURIYA V	7.69	1	

OVERALL TOPPER

S.NO	STUDENT NAME	CGPA OBTAINED	RANK	PHOTO
1	SRIDHAR T	8.23	1	

V SEM RESULTS

S.NO	STUDENT NAME	GPA OBTAINED	RANK	PHOTO
1	VASANTHANILA. R	8.65	1	

VI SEM RESULTS

S.NO	STUDENT NAME	GPA OBTAINED	RANK	PHOTO
1	MALATHI P	8.96	1	

OVERALL TOPPER

S.NO	STUDENT NAME	CGPA OBTAINED	RANK	PHOTO
1.	NANDHINI. A	8.38	I	

VII SEM RESULTS

S.NO	STUDENT NAME	GPA OBTAINED	RANK	PHOTO
1	SOWMIYA V	8.68	1	

VI SEM RESULTS

S.NO	STUDENT NAME	GPA OBTAINED	RANK	PHOTO
1	AARTHI M	9.75	1	

OVERALL TOPPER

S.NO	STUDENT NAME	CGPA OBTAINED	RANK	PHOTO
1	GAYATHRI D	8.73	1	

GALLERY


KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
TIRUCHENGODE
KSRIET
4th


KSR INSTITUTE FOR ENGINEERING AND TECHNOL
4th


4th
Annu
K.S.Rangasamy,
Founder Chairman
S.R. Educational Institutions


KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE
KSRIET
4th
Annual Day

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.

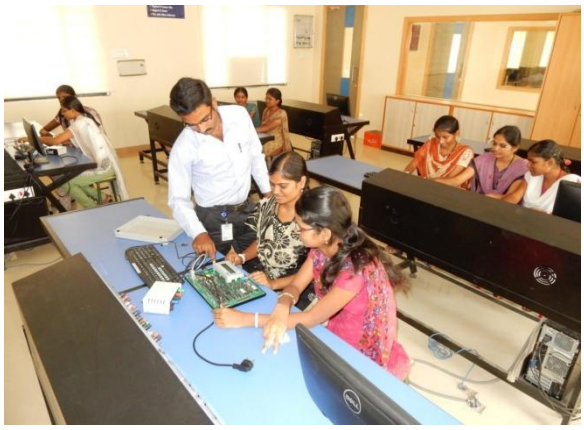
Program Specific Outcomes (PSO)

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.

Linear Integrated Circuits Laboratory

Digital Circuits Laboratory



Microprocessor & Microcontroller Laboratory

Embedded Systems Laboratory

Networks Laboratory

Communication Laboratory