

PEOs of Department

PEO1 (Core Competency): Graduates will acquire a strong foundation in mathematical, scientific and engineering fundamentals necessary to formulate, solve and analyze Computer Science and Engineering problems.

PEO2 (Professionalism): Graduates will practice the profession with ethics, integrity and leadership to relate engineering to global perspective issues and social context.

PEO3 (Higher Studies and Entrepreneurship): Graduates will be prepared for their careers in the software industry or in higher studies leading to research and for applying the spirit of innovation and entrepreneurship in their career and continuing to develop their professional knowledge on a life long basis.

PROGRAMME OUTCOMES (POs)

PO1: Engineering knowledge: Ability to apply the knowledge of mathematics, physical sciences and computer science and engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Ability to identify, formulate and analyze complex real life problems in order to provide meaningful solutions by applying knowledge acquired in computer science and engineering.

PO3: Design/development of solutions: Ability to design cost effective software / hardware solutions to meet desired needs of customers/clients.

PO4: 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 in the field of computer science and engineering.

PO5: Modern tool usage: Create, select and apply appropriate techniques, resources and modern computer science and engineering tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: 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.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: 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.

PO11: 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.

PO12: 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.

PSOs of Department

PSO1 (Software System Design and Development): The ability to apply software development life cycle principles to design and develop the application software that meet the automation needs of society and industry.

PSO2 (Computing and Research ability): The ability to employ modern computer languages, environments and platforms in creating innovative career paths in SMAC (Social, Mobile, Analytics and Cloud) technologies.

NEWS LETTER

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Department of Computer Science and Engineering

Semester News Letter

2017-2018 (EVEN)

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Vision

To produce globally competitive Computer Science Engineers and Entrepreneurs with moral values

Mission

Provide **quality education** to enhance problem solving skills, leadership qualities, team-spirit and ethical responsibilities.

Enable the students to adapt to the rapidly changing technologies by providing **advanced laboratories** and facilities.

Promote **research** based activities in the emerging areas of techno-environment in order to meet industrial and societal needs.



K S R Institute for Engineering and Technology

Vision

To become globally recognized Institution in Engineering education, Research and Entrepreneurship.

Mission

Accomplish quality education through improved teaching learning process.

Enrich technical skills with state of the art laboratories and facilities.

Enhance research and entrepreneurship to meet the industrial and societal needs.

**News Letter Team****Staff Support**

Ms.N.Sharmila
Mrs.R.Deebika

Students Support

E.Pavithra, III / CSE
S.Veluprabha, II / CSE

List of faculty members in the department

<i>Dr.M.Venkatesan, M.E.,Ph.D.</i>	<i>Professor</i>
<i>Dr.B.Kalaavathi, M.Tech,Ph.D.</i>	<i>Professor</i>
<i>Mr.M.Jaganathan, M.E.,</i>	<i>Assistant Professor</i>
<i>Mr.M.Jawahar, M.E.,</i>	<i>Assistant Professor</i>
<i>Mrs.R.Deebika, M.E.,</i>	<i>Assistant Professor</i>
<i>Mr.V.Prakasam, M.E.,</i>	<i>Assistant Professor</i>
<i>Mr.S.Saravanan, M.E.,</i>	<i>Assistant Professor</i>
<i>Ms.N.Sharmila, M.E.,</i>	<i>Assistant Professor</i>
<i>Ms.L.Priyanka Devi, M.E.,</i>	<i>Assistant Professor</i>
<i>Mrs.V.Thangamani, M.E.,</i>	<i>Assistant Professor</i>
<i>Mr.V.Gopinath, M.E.,</i>	<i>Assistant Professor</i>
<i>Mr.R.Venkatesan, M.E.,</i>	<i>Assistant Professor</i>
<i>Mr.R.Gopal, M.E.,</i>	<i>Assistant Professor</i>
<i>Ms.D.Kavinya, M.E.,</i>	<i>Assistant Professor</i>
<i>Mr.K.Gowsic, M.E.,</i>	<i>Assistant Professor</i>
<i>Mrs.S.Divya, M.E.,</i>	<i>Assistant Professor</i>
<i>Mrs.R.Sathya Priya, M.E.,</i>	<i>Assistant Professor</i>

System Administrator*Mr.S.Karthikeyan***Supporting Staff**

Mr.S.Abiviruthi
Mrs.T.Udhaya
Mr.P.Rajkumr
Mr.S.Perumal

List of papers presented in National Conference / International Conference

S.No	Name of the faculty	Type of Program	Title of the Paper	Organized By	Dates
1.	Dr.B.Kalaavathi	International Conference	Breath Acetone based type 1 diabetes monitoring	Al-Ameen Engineering College	5 th April 2018
2.	Mr.M.Jaganathan	National Conference	E-Health systems by means of dynamic authentication and multi-factor key agreement	SNS College of Technology	28 th March 2018
3.	Mr.M.Jawahar	International Conference	An effective recommendation engine for E-mail using collaborative filtering	Muthayammal Engineering College	30 & 31 March 2018
4.	Mrs.R.Deebika	National Conference	Waste Management system using IOT for smart cities	SNS College of Technology	28 th March 2018
5.	Mr.S.Saravanan	International Conference	Monitoring Dementia People using IOT and Music Theraphy	M.P.Nachimuthu M.Jaganathan Engineering College	28 th March 2018
6.	Ms.L.Priyanga Devi	International Conference	Touchless motion sensor trash can using IOT	Muthayammal Engineering College	30 & 31 march 2018
			E-Electricity measurement using mobile phones	Hindusthan Institute of Technology	27 & 28 February 2018
			Medi –Care Database Maintenance System – CSIT073	Sri Krishna College of Engineering and Technology	28 th & 29 th December
7.	Mr.V.Gopinath	International Conference	An interactive web portal for effective management system	Muthayammal Engineering College	30 & 31 March 2018
8.	Ms.N.Sharmila	National Conference	Blood Master System	SNS College of Technology	28 th March 2018
9.	Mr.R.Gopal	International Conference	Vehicle health monitoring and performance calibration system using android	Muthayammal Engineering College	30 & 31 March 2018
10.	Mr.K.Gowsic	International Conference	Smart gatepass and leave maintenance system	Muthayammal Engineering College	30 & 31 March 2018



IOT workshop on 19.12.2017 – 22.12.2017



Hands on training on Linux basics commands workshop on 22.01.18

Techie's Technique event on 20.01.2018



NAYAK 2K18 on 09.03.2018

Guest Lecture on Computer Networks 06.01.2018

Students Achievements

Academic Toppers: (University Exams Nov/Dec'17)

S.No	Name of the student	Year / Semester	GPA
1.	BABU R	I / I	8.6
2.	STELINBERCIA S	II / III	8.13
3.	VINOTH V	III / V	8.04
4.	MEHALA R	IV / VII	9.05

Academic Toppers: (Upto this Semester)

S.No	Name of the student	Year / Semester	CGPA
1.	BABU R	I / I	8.6
2.	SWETHA B VASU MITHA R S	II / III	8.3
3.	NAVEENA D PAVITHRA E	III / V	7.7
4.	NIVEDHITHA S	IV / VII	8.08

Deya

Deya is a society started by our computer science and engineering department students. The main objective of this organization is to extend our helping hands to all the needy ones and therefore being the citizens of nation we have incepted this work with the poor children by helping those nonprofit trusts caring for the orphans by providing a support to their work.



Deya visit at Anandha malar Trust, Erode

Conduct fun events at Trust

Participation in inter-institute events by students

Association Activities

S.No.	Type of the Programme	Title of the Programme	Date	Resource Person
1.	Workshop	IOT Analytics using Raspberry PI 3	19/12/2017 to 22/12/2017	Mr. A. Athif Shah, Design head, ABE semiconductor Technologies, Chennai
2.	Alumni Interaction	Alumni Link up	23/12/2017	Alumni Students of 2011-2015 Batch
3.	Workshop	Hands on training on Linux basics commands	22/1/2018	Mrs.R.Deebika, AP/CSE
4.	Guest Lecture	Computer Networks	6/1/2018	Dr.N.JaiShankar, Professor/CSE, SCSE,VIT,Vellore
5.	Guest Lecture	Compiler Design	6/1/2018	Dr.S.Madhavi, Professor/CSE, KSRCT
6.	Event	Techie's Technique	20/1/2018	CSE Faculty Members
7.	Paper Presentation	Intra Department Paper Presentation	15/2/2018	CSE Faculty Members
8.	Guest Lecture	Data Warehousing and Data Mining	16/2/2018	Ms.A.Anandhi, Progammer Analyst, HCL Technologies, Chennai.
9.	Guest Lecture	Software Engineering (Agile Model)	17/2/2018	Ms. K.Sowkarthika, Project Head, Syntel International Pvt. Ltd
10.	Contest	SRS Contest	23/2/2018	CSE Faculty Members
11.	Event	NAYAK	9/3/2018	CSE Faculty Members

Value added Courses

S.No	Title of the Program	Date	Resource Person
1.	Python Programming	15/03/2018	Mr. R. Gopal AP/CSE & Mr. R. Venkatesan AP/CSE
2.	Workshop on "Mobile Application Development"	22/03/2018 To 24/03/2018	SAN Technologies, Erode

Mr.R.Venkatesan	FDP	Introduction to Internet of Things	ICT Academy	19.04.2018 & 20.04.2018
Mr.V.Prakasam	FDP	Hadoop (Hortonworks)	ICT Academy	28.05.2018-01.06.2018
Mr.K.Gowsic	FDP	Oracle- database design and programming with	ICT Academy	08.01.2018-12.01.2018
D.Kavinya	Workshop	Harnessing the Power of Oncology Data Analutics for Early Diagnosis and Treatment	Department of Information Technology	15.02.2018 &16.02.2018
Mrs.R.SathyaPriya	FDP	Python Programming	Department of Computer Science & Engineering	31.07.2017 - 02.08.2017

List of faculty members Produced 100% Result

S.No	Name of the Faculty	Subject Code & Subject Name	Year/Sem
1.	Dr.B.KALAAVATHI	CS7603 & GRID AND CLOUD COMPUTING	IV/VII
2.	Mr.A.JEYAKUMAR	CS6702 & GRAPH THEORY AND APPLICATIONS	IV/VII



Alumni Linkup on 23.12.2017



Alumni Linkup at KSRIET

Faculty Publication

1. **M. Jaganathan** · A. Sabari, "An heuristic cloud based segmentation technique using edge and texture based two dimensional entropy", Cluster Computing.
2. **Jaganathan M**, Dr. A. Sabari, "Parallel Heuristic Based Segmentation Technique", Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp- 18 / 2017.
3. **V. Gopinath** "Web Portal Hierarchical Structure of Geospatial Field Data", International of Innovative Research in Science, Engineering and Technology, Volume 7, Special Issue 3, March 2018.

List FDP/STTP/Workshop / Seminar/ Training Programs attended by faculty

Name of the faculty	Type of Program	Title of the Program	Organized By	Dates
Dr.B.Kalaavathi	FDP	Introduction to Internet of Things	ICT Academy	19.04.2018 & 20.04.2018
Mr.M.Jaganathan	Workshop	Oracle-Database Design & Programming with SQL	ICT Academy	08.01.2018 To 12.01.2018
Mrs.R.Deebika	Workshop	Harnessing the Power of Oncology Data Analytics for Early	Department of Information Technology	15.02.2018 & 16.02.2018
	Seminar	Effects on Environment & Human Health due to E-Waste	Velalar college of engineering	22.02.2018 to 23.02.2018
Ms.N.Sharmila	Workshop	Harnessing the Power of Oncology Data Analytics for Early Diagnosis and	Department of Information Technology	15.02.2018 & 16.02.2018
	Seminar	Effects on Environment & Human Health due to	Velalar college of engineering	22.02.2018 to 23.02.2018
Ms.L.Priyanga Devi	Workshop	Harnessing the Power of Oncology Data Analytics for Early	Department of Information Technology	15.02.2018 & 16.02.2018
Mr.V.Gopinath	FDP	Firewall Installation, Configuration & Management	ICT Academy	24.04.2018 to 27.04.2018

Participation in inter-institute events by students**Workshop**

S.No	Name of the Student	Year/Sem	Name of the Program	Date	Name of the Organization
1.	GUNA BHARATHI T	III/VI	Workshop	21 & 22.12.2017	Karpagam College of Engineering, Coimbatore
2.	SHALINI S	III/VI			
3.	NAVEENA D	III/VI			
4.	PAVITHRA E	III/VI			
5.	SARANYA S	III/VI			
6.	ELAKKIYA T.E	III/VI			
7.	AARTHI R	III/VI			
8.	SABANA YASMINE A	III/VI			
9.	SHARTHAJ BANU D	III/VI			
10.	VINOTHA V	III/VI			

Paper Presentation

S.No	Organized by	Name of the Program	Date	Number of Students	Year/ Semester
1.	AVS College of Technology, Salem	Paper Presentation	21.2.18	5	II/IV
2.	M.Kumarasamy College of Engineering, Karur	Paper Presentation	20.2.18	1	II/IV
3.	Government College of Engineering, Salem	Progen'i 2K18	6.3.18	14	II/IV
4.	SNS College of Technology, Coimbatore	NCICC'18	28.3.18	20	IV/VIII
5.	M.P.Nachimuthu M.Jaganathan Engineering College, Chennimalai	ICASET'18	28.3.18	4	IV/VIII
6.	Muthayammal Engineering College, Rasipuram	ISETSD'18	30,31.3.18	20	IV/VIII
7.	Al-Ameen Engineering College	ASER -2018	5.4.18	4	IV/VIII
8.	Bannari Amman Institute of Technology, Sathyamangalam	Paper Presentation	16 & 17.2.18	2	II/IV

Events

S.No	Name of the Student	Year/ Sem	Name of the Program	Date	Name of the Organization
1.	V.YUVAPRIYANKA	II/IV	Coding & Debugging	20.2.18	M.Kumarasamy College of Engineering, Karur
2.	V.YUVAPRIYANKA	II/IV	Code Debugging	6.3.18	Government College of Engineering, Salem

Co-curricular Events Winners

S.No	Name of the student	Year / Semester	Name of the Event	Prizes won
1.	S.STELIN BERCIA	II/IV	Paper Presentation	Best Paper
2.	INDIRA PRIYADHARSHINI	II/IV	Paper Presentation	Best Paper

Extra-curricular Activities

S.No	Name of the Student	Tournament	District/ State	Position	Venue
1.	S.V Arunkumar III CSE	100 M	District	Gold	Bannari Amman Institute of Technology Sathiyamangalam
		4X100 M Relay	District	Gold	
2.	T.Madhubalan IV CSE	4X100 M Relay	District	Gold	
3.	S.Karthikeyan I - CSE	Pole Vault	District	Gold	
4.	S.V Arunkumar III CSE	4X100 M Relay	District	Gold	Adiyaman College of Engineering Hosur
5.	T.Madhubalan IV CSE	4X100 M Relay	District	Gold	



4x100 M Relay-Gold Medal Winner

Placement Details

S.No	Name of the company	Number of offers
1.	Aagna Global Solutions Pvt. Ltd, Chennai	1
2.	Accenture Solutions Private Limited, Chennai	1
3.	Amazon Development Center Pvt. Ltd, Coimbatore	2
4.	Amazon Warehouse, Coimbatore	5
5.	Bionics Enviro Tech, Bhavani	3
6.	Enunui Technologies Private Limited, Erode	1
7.	Headrun Technologies Pvt. Ltd, Bangalore	4
8.	IDBI Federal Life Insurance, Coimbatore	4
9.	Imperium Management Solutions, Chennai	1
10.	KG Information System Pvt. Ltd, Coimbatore	1
11.	Vee Technology, Salem	4
12.	Vinayak InfoTech, Chennai	1
13.	Virtusa Consulting Service Pvt. Limited, Bengaluru	1
14.	Virtusa Consulting Service Pvt. Limited, Chennai	1
15.	Wealth India Financial Services Pvt. Ltd (FundsIndia), Chennai	4



Campus Drive at KSRIET



Wealth India Financial Services Pvt. Ltd, Chennai

