

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

Volume 5 | Issue 1

Department of Computer Science and Engineering**Semester News Letter**

2017-2018 (ODD)

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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**

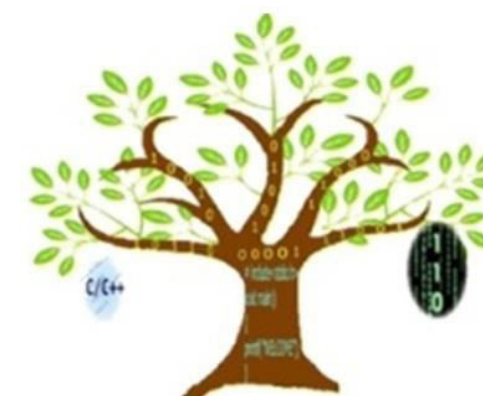
To become globally recognized Institution in Engineering education, Research and Entrepreneurship.

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



31.07.2017 Guest Lecture



04.09.2017 paper Presentation

Industry Visit

S.No	Name of the Company	Student Strength	Date of Visit
1.	Chips Software Pvt.Ltd., Kochin.	45 (2016-2020)	28.7.17



Industrial visit at Chips software Pvt.Ltd., Kochin



NPTEL Online Certificate

Mr.V.Prakasam	NPTEL Online Courses	Programming, Data Structures and Algorithms using Python	NPTEL	July-Sep 2017
Mr.K.Gowsic				
Mrs.R.SathyaPriya	FDP	Python Programming	Department of CSE	31.07.2017 to 02.08.2017
	NPTEL Online Courses	Programming, Data Structures and Algorithms using Python	NPTEL	July-Sep 2017
Ms.D.Kavinya				

List of faculty members Produced 100% Result

S.No	Name of the Faculty	Subject Code & Subject Name	Year/Sem
1.	Mr.M.JAGANATHAN	GE6075 & PROFESSIONAL ETHICS IN ENGINEERING	IV/VIII

Topper in Online Courses

S.No	Name of the Faculty	Program name	Title	Grade
1.	Dr.B.KALAAVATHI	NPTEL	Introduction to Internet of Things	Elite



21.07.2017 Guest Lecture



21.07.2017 English Wizar



Prize distribution for even winners



20.09.2017 Muthamizh Saaral

About Association

VRICSA Inauguration, 18.07.2017

VRICSA (2017 - 2018) Association of Computer Science and Engineering an Intra department technical Association, was inaugurated by Mr. Gajendran Ganesapandian, MTS2 Engineer, PayPal on 18th July, 2017 at KSRIET Seminar Hall in the presence of Management, students and faculty members of Computer Science and Engineering Department. Our Chief Guest gave an inaugural address to gatherings.



The welcome address was given by Dr.B.Kalaavathi, HoD of Computer Science and Engineering department, KSRIET. The inauguration was Felicitated by Dr.M.Venkatesan, Principal, KSRIET. The introduction of office bearers was done by Ms.N.Sharmila, Assistant Professor, Department of Computer Science and Engineering. The year plan of association activities was given by Ms.R.Priyanka, Student Secretary, VRICSA.



18.07.2017 VRICSA inaugurated by Mr. Gajendran Ganesapandian

Students Achievements

PG Students Achievements

Anna University Rank Holders

S.No	Register Number	Name of the student	CGPA	Class	Rank
1.	731615405002	RANJANI N	8.47	FC	42
2.	731615405003	SUGANYA K	8.55	FWD	36

UG Students Achievements

Academic Toppers: (University Exams Apr/May' 17)

S.No	Name of the student	Year / Semester	GPA
3.	VASU MITHA.R.S	I / II	8.32
4.	NAVEENA D	II / IV	7.96
5.	MEHALA R	III / VI	8.32
6.	KEERTHANA B	IV / VIII	9.2

Academic Toppers: (Upto this Semster)

S.No	Name of the student	Year / Semester	CGPA
1.	VASU MITHA.R.S	I / II	8.7
2.	NAVEENA D	II / IV	7.8
3.	NIVEDHITHA S	III / VI	8.02
4.	KEERTHANA B	IV / VIII	8.12



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OFFICE OF THE CONTROLLER OF EXAMINATIONS

Rank List April / May 2017 Examinations

Degree & Branch:		M.E. Computer Science and Engineering	Total No. of students Passed : 1309	Rank Eligibility : 50		
S.No	Reg Number	Student Name	Institute Name	CGPA	Class	Rank
76	950015405003	BENCY N	REGIONAL CENTRE OF ANNA UNIVERSITY, THIRUNELVELI	8.61	FWD	31
77	811515405001	CHRISTY PRABHA R	K. RAMAKRISHNAN COLLEGE OF ENGINEERING	8.60	FWD	32
78	960315405009	DAHLIA I	BETHLAHEM INSTITUTE OF ENGINEERING	8.60	FWD	32
79	111515405008	SHANKER SHALINI	R.M.D. ENGINEERING COLLEGE	8.60	FWD	32
80	820315405007	RAMYA K	A.V.C COLLEGE OF ENGINEERING	8.60	FWD	32
81	710015405004	ASWATHY N	REGIONAL CENTRE OF ANNA UNIVERSITY, COIMBATORE	8.60	FWD	32
82	962815405007	RIJOA BEGAM Y	SCAD COLLEGE OF ENGINEERING AND TECHNOLOGY	8.60	FWD	32
83	960815405001	ANTONY PRATHISHA P	DMI ENGINEERING COLLEGE	8.59	FWD	33
84	113115405001	ARUNUDAYA R	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	8.59	FWD	33
85	922015405008	ROHINI P	SRI VIDYA COLLEGE OF ENGINEERING & TECHNOLOGY	8.59	FWD	33
86	821915405001	AKSHAYA K	ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY	8.59	FWD	33
87	811315405002	JEBARANI M	J.J. COLLEGE OF ENGINEERING AND TECHNOLOGY	8.59	FWD	33
88	212715405011	NIRMALA B	SRI VENKATESWARA COLLEGE OF ENGINEERING	8.59	FWD	33
89	911715405007	SHOBINA K	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	8.59	FWD	33
90	821115405001	DEEPIKA R	IDHAYA ENGINEERING COLLEGE FOR WOMEN	8.57	FWD	34
91	910915405009	SUBHASHRI C	K.L.N. COLLEGE OF ENGINEERING	8.57	FWD	34
92	113115405008	NAZREEN BANU A	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE	8.57	FWD	34
93	310815405003	ASHOK SEETHI YUMAR S	JERPAJAN ENGINEERING COLLEGE	8.56	FWD	35
94	961815405001	FATHIMA MUBARAKKAA M	NATIONAL COLLEGE OF ENGINEERING	8.56	FWD	35
95	921315405008	PAVITHRA R	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	8.56	FWD	35
96	113215405008	SARAL JEEVA JOYTHI D	VELAMMAL ENGINEERING COLLEGE	8.56	FWD	35
97	111715405002	ISWARYA M	R.M.K. ENGINEERING COLLEGE	8.56	FWD	35
98	421815405002	LAVANYA R	MALAM ENGINEERING COLLEGE	8.56	FWD	35
99	731615405003	SUGANYA K	KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY	8.55	FWD	36
100	710015405013	PREETHI J	REGIONAL CENTRE OF ANNA UNIVERSITY, COIMBATORE	8.55	FWD	36

CGPA-Cumulative Grade Point Average ,FC - First Class, FWD - First Class with Distinction

2017 - Anna University Rank holders List

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

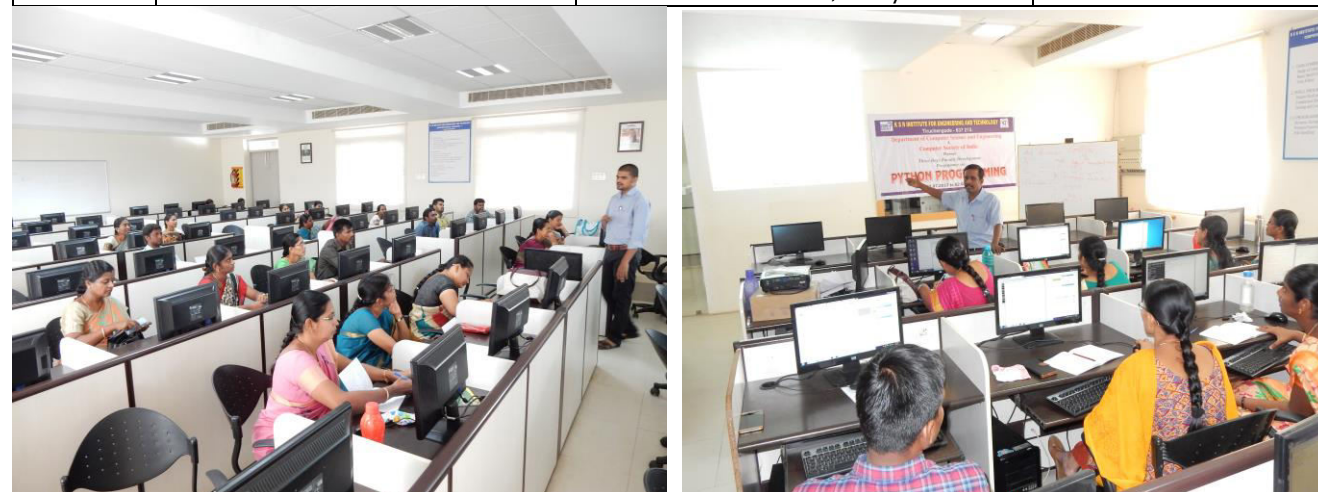
Name of the faculty	Type of Program	Title of the Program	Organized By	Dates
Dr.M.Venkatesan	FDP	Emotional Intelligence	ICT Academy	17.08.2017 & 18.08.2017
	FDP	Decision Making Skills	ICT Academy	14.07.2017 & 15.07.2017
Dr.B.Kalaavathi	FDP	Introduction to Cloud Infrastructure & Services	ICT Academy	21.08.2017 & 22.08.2017
	NPTEL	Introduction to Internet of Things	NPTEL	July-Oct 2017
Mr.M.Jaganathan	Workshop	Python Programming	Centre for Academic Courses	28.08.2017 & 29.08.2017
Mr.M.Jawahar	Workshop	Python Programming	Centre for Academic Courses	28.08.2017 & 29.08.2017
	FDP	Introduction to R Programming	ICT Academy	06.12.2017 & 07.12.2017
	NPTEL	Programming, Data Structures and Algorithms using Python	NPTEL	July-Sep 2017
Mrs.R.Deebika	FDP	Programming and Data Structure-II	Anna University	28.05.2017 to 03.06.2017
	NPTEL Online Courses	Programming, Data Structures and Algorithms using Python	NPTEL	July-Sep 2017
Ms.N.Sharmila				
Mr.V.Gopinath	FDP	Python Programming	Department of CSE	31.07.2017 to 02.08.2017
	NPTEL	Introduction to Internet of Things	NPTEL	July-Oct 2017
Mr.S.Saravanan	FDP	Python Programming	Department of CSE	31.07.2017 to 02.08.2017
Mr.R.Venkatesan	FDP	Oracle,Java Fundamentals & Java Programming	ICT Academy	24.07.2017 to 28.07.2017
	NPTEL	Introduction to Internet of Things	NPTEL	July-Oct 2017
Mr.R.Gopal	FDP	Introduction to cloud infrastructure and services	ICT Academy	21.08.2017- 22.08.2017
	FDP	Introduction to R Programming	ICT Academy	06.12.2017 & 07.12.2017

Faculty Publication

1. Senthil Kumar A M, **Dr.M.Venkatesan** 2017 "A novel based Resource Allocation method on cloud computing environment using hybrid differential evolution algorithm" Journal of Computational and Theoretical Nanoscience. Vol.14, no.11 pp:5322-5326.
2. Selvi, S and **B. Kalaavathi**, B, 'Reducing Rejected Workflows using WSHF algorithm in Cloud', Asian Journal of Research in Social Sciences and Humanities, 2017,vol. 7,no. 3,pp. 397-405.
3. **Gowsic K**, Shanthi N &Preetha B 2017, 'Firefly Resources Optimization Technique forData Delivery in Wireless Multimedia Sensor Networks', Asian Journal of Research inSocial Sciences and Humanities, vol. 7, no. 1, pp. 1011-1029 Online ISSN : 2249-7315.Article DOI : 10.5958/2249-7315.2017.00039.9. (Annexure -I updated list). ImpactFactor - 0.676

Faculty Development Programme Organized

S.No	Name of the Programme	Resource person	Date
1.	Python Programming	R.Gopal, AP/CSE R.Venkatesan, AP/CSE	31.07.2017 to 02.08.2017



31.07.2017 Python Programming at KSRIET



31.07.2017- 02.08.2017 Python Programming at KSRIET

Participation in inter-institute events by students**Association Activities**

S.No.	Type of the Programme	Title of the Programme	Date	Resource Person
1.	Guest Lecture	Service Oriented Architecture	14/07/2017	Mr.Devakumar, Project Lead,Dell EMC, Bangalore.
2.	Guest Lecture	Object Oriented Analysis and Design (Design Patterns)	21/07/2017	Dr.P.Boobalan, Professor /CSE, Pondicherry Engineering College, Pondicherry
3.	Event	English Wizard	21/07/2017	Mr.T.Viji Mr.Madhan AP/English/ KSRIET
4.	Guest Lecture	Causes and Effects of Water Pollution	29/07/2017	Ms.Uma, Assistant Engineer, Water Board, Mettur
5.	Guest Lecture	Discrete Mathematics	15/07/2017 22/07/2017 29/07/2017 05/08/2017 09/09/2017 23/09/2017	Dr.C.Duraisamy, Professor Mathematics, Kongu Engineering college, EUIP Foudations
6.	Guest Lecture	DBMS	31/07/2017	Dr.S.Sarumathi, ASP/IT,KSRTC
7.	Guest Lecture	Information Retrieval	07/08/2017	Mr.N.Jegadeesh, IT Analyst, TCS , Chennai
8.	Paper Presentation	Intra Department Paper Presentation	10/08/2017	CSE Faculty Members
9.	Seminar	Internet Programming AJAX and WEB SERVICES	24/08/2017	Mr.B.Dhayananth, Progammer Analyst, Excelacom Technologies, Chennai
10.	Guest Lecture	Graph Theory and Applications	01/09/2017	Dr.R.Selvakumar Professor Mathematics , VIT, Vellore
11.	Paper Presentation	Intra Department Paper Presentation	04/09/2017	CSE Faculty Members
12.	Workshop	Hands-on Training on Core Java	22/09/2017& 23/09/2017	Mr.S.Saravanan, AP/CSE
13.	Tamil speech	Muthamizh Saaral	20/09/2017	CSE Faculty Members
14.	Special Lecture	Marabiyalum Naveenamum	10/11/2017	Mr.Parthiban Baskaran, President, Youth Wing Tamil Heritage Foundation, Germany

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.



Karunalaya Trust at Erode



Anandhamalar Trust at Erode



Little Sisters at Erode

Participation in inter-institute events by students

Paper Presentation

S.No	Year/ Sem	Name of the Program	Date	Name of the Organization	No.of Students
1.	II/III	KANINIFEST' 17	30& 31.8.2017	Erode Sengunthar Engineering College, Perundurai	6
2.	II/III	TECHKRANT I- 2K17	06.10.2017	Sree Narayana Guru College of Engineering and Technology, Kannur, Kerala	2
3.	III/V	Paper Presentation	01.09.2017	Sri Shanmugha College of Engineering & Technology, Tiruchengode	8
4.	II/III		01.09.17		2
5.	II/II	Paper Presentation	08.09.17	Knowledge Institute of Technology, Salem	2
6.	II/III	Paper Presentation	6.10.17	Sree Narayana Guru College of Engineering and Technology, Kannur, Kerala	1
7.	IV/VIII	Paper Presentation	15.11.17	C. K. Pithawalla College of Engineering & Technology, Surat	3

Workshop

S. No	No. of Students	Year/ Sem	Name of the Program	Date	Name of the Organization
1.	2	II/III	Workshop on short film making	31.08.2017, 01.09.2017	K.S.Rangasamy College of Arts and Science, Tiruchengode
	1	III/VI			
2.	2	III/V	Cryptera.' 17	08.09.2017	Coimbatore Institute of Technology, Coimbatore
3.	2	III/V	Workshop GAME-X	15.09.2017	SNS College of Engineering, Coimbatore
4.	1	III/V	Laughing Mirrors of JAVA	23,24.9.2017	PSG College of Technology, Coimbatore
5.	3	II/III	Workshop	07.10.2017	Sree Narayana Guru College of Engineering and Technology, Kannur, Kerala

Events

S.No	Year/ Sem	Name of the Program	Date	Name of the Organization	No.of Students
1.	III/V	Quiz, Debugging	01.09.17	Sri Shanmugha College of Engineering & Technology, Tiruchengode	7
2.	II/III	Debugging	08.09.2017	Knowledge Institute of Technology, Salem	2
3.	III/V	Who Knows	20.09.17	Mahendra Engineering College, Salem	2

Co-curricular Events Winners

S.No	Name of the student	Year / Semester	Name of the Event	Prizes won
1.	RAJARAJAN.A	II/III	Paper Presentation	Best Paper
2.	PUGAZHIVELAN.P	II/III	Paper Presentation	Best Paper
3.	E.PAVITHRA	III/V	Debugging	Second
4.	V.VINOTHA	III/V	Debugging	Second
5.	D.SHARTHAJ BANU	III/V	Debugging	Second

