

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.

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.

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.

NEWS LETTER

Volume 5 | Issue 1

Department of Computer Science and Engineering

Semester News Letter

2016-2017 (ODD)

Contents*Faculty Details**About Association**Academic Toppers**Co-Curricular Activities**Faculty Publications**Programs Organized by faculty**Programs Attended by faculty***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

V.Rama III / CSE
C.AswinSankar 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>Mrs.P.Sumathi, 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.P.Krishna Sankar, M.E.,</i>	<i>Assistant Professor</i>
<i>Mr.K.Sriram Kumar, 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.M.Priyanka, M.E.,</i>	<i>Assistant Professor</i>

System Administrator

Mr.S.Karthikeyan

Supporting Staff

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

Industry Visit

S.No	Name of the Company	Student Strength	Date of Visit
1.	NeST Software, Kochin	44 (2013-2017)	11.7.15



**Paper Presentation
Technical Symposium "Spring Fest 2K15"**



Short film event at at "Spring Fest 2K15"



**Guest Lecture on Data Warehousing
and Data Mining**



Miscellaneous Monsters at "Spring Fest 2K15"



ICTACT Youth Present - Preliminary



Guest Lecture on Real Time Practice

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	People empowering people-level 2	ICT Academy	29.06.2015-30.06.2015
Dr.B.Kalaavathi	FDP	C# & .NET programming	ICT Academy	23.11.2015– 27.11.2015
Mr.M.Jaganathan	Training	NS-2 & NS-3	Kongu engineering college, perundurai	07.08.2015– 08.08.2015
	FDP	Medical Image Processing	Nandha Engineering College	27.11.2015
P.Sumathi	FDP	C# & .NET programming	ICT Academy	23.11.2015– 27.11.2015
Mr.M.Jawahar	Workshop	Mobile application development	Department of CSE	25.11.2015-27.11.2015
Mr.P.KrishnaSankar	Workshop	Mobile application development	Department of computer Science &	25.11.2015-27.11.2015
Mr.K.Sriram Kumar	FDP	Hadoop	ICT Academy	27.10.2015-31.10.2015
Ms.N.Sharmila	FDP	Introduction to J2EE Programming	ICT Academy	23.07.2015-24.07.2015
	Workshop	Mobile application development	Department of CSE	25.11.2015-27.11.2015
Ms.L.Priyanka Devi	FDP	Programming and Data Structure-II	SNS College of Engineering	26.05.2015-01.06.2015
Mr.S.Saravanan	FDP	Cloud Infrastructure and Services	ICT Academy	17.08.2015-21.08.2015
Mr.R.Venkatesan	FDP	Introduction to J2EE Programming	ICT Academy	23.07.2015-24.07.2015
Mr.V.Prakasam	FDP	C# & .NET programming	ICT Academy	23.11.2015 27.11.2015
Mrs. V.Thangamani	FDP	Cloud Infrastructure and Services	ICT Academy	17.08.2015-21.08.2015
Mr.R.Gopal	Workshop	Mobile application development	Department of computer Science & engineering	25.11.2015-27.11.2015
M.Priyanka	Training	NS-2 & NS-3	Kongu Engineering	07.08.2015– 08.08.2015
	FDP	C# & .NET programming	ICT Academy	23.11.2015– 27.11.2015

About Association**VRICSA Inauguration , 04.07.2015**

VRICSA (2015 - 2016) Association of Computer Science and Engineering an Intra department technical Association, was inaugurated by Ms.K.Sowkarthika, Project Head, Syntel Ltd, Mr.S.Navaneetha Kumar, Delivery Manager, Mphasis and Ms.S.Priya, System Engineer, on 04th July, 2015 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 Mr.R.Shoban Prakash, Student Secretary, VRICSA.



04.07.2015 VRICSA inaugurated by Ms.KSowkarthika and Ms.S.Priya

Students Achievements

Academic Toppers: (University Exams Apr/May' 15)

S.No	Name of the student	Year / Semester	GPA
1.	NIVEDITHA S	I / II	8.12
2.	SHARMILA D	II / IV	7.4
3.	KISHOR KUMAR A LAVANYA T	III / VI	7.24
4.	VARUN KUMAR R	IV / VIII	9.75

Academic Toppers: (Upto this Semster)

S.No	Name of the student	Year / Semester	CGPA
1.	JEEVITHA R	I / II	8.00
2.	KEERTHANA B	II / IV	8.07
3.	REVATHI T	III / VI	8.14
4.	MANJU PARKAVI S	IV / VIII	8.40

Deya

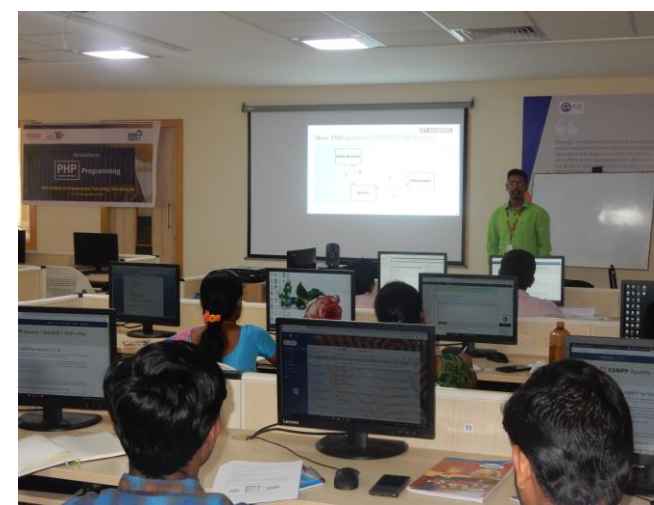
Deya is a society started by our computer science and engineering department students. The main objective of this organization is to extend our helping hands to all the needy ones and therefore being the citizens of nation we have incepted this work with the poor children by helping those nonprofit trusts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



Deya Visit at Little Sisters orphanage, Erode

Faculty Development Programme Organized

S.No	Name of the Programme	Resource person	Date
1.	Faculty Development Program on Mobile Application Development	SAN Technologies	25.11.2015 to 27.11.2015
2.	C# and .Net Programming	In association with ICT Academy	23.11.2015 to 27.11.2015



Faculty Development Program on C# and .Net Programming



FDP on Mobile Application Development



Deya Inauguration

List of papers presented in National Conference / International Conference/Journal / International Journal

S. No	Name of the faculty	Type of Program	Title of the Paper	Organized By	Dates
1.	Mrs.P.Sumathi	International Journal	Exposure of Document Similarity using Sequential Clustering Algorithm, Volume 6, Issue 1.	International Journal for Trends in Engineering and Technology	June 2015

Co-curricular Events Winners

S.No	Name of the student	Year / Semester	Name of the Event	Prizes won
1.	ARAVIND L	III/V	Quiz	Third
2.	NAVANEETHAN S	IV/VII	ICTACT-Youth Talk Prelims	Prelims cleared
3.	VEERA VIGNESH K R	IV/VII		
4.	SHARAN KUMAR K	III/V		
5.	SHARMILA D	III/V		
6.	CHANYA P	III/V		
7.	SAI PRAVEEN V	IV/VII		

Faculty Publication

- Vijender Kumar Solanki, Somesh Katiyar, Vijay Bhaskar Semwal, PoorvaDewan, **M.Venkatesan**, Nilanjan Dey, "Advance Automated module for smart and secure City" in ICISP-15, organised by G.H.Raisoni College of Engineering & Information Technology, Nagpur, on 11-12 Dec 2015, published by Procedia Computer Science, Elsevier, ISSN 1877-0509...
- P.S. Gomathi and **B.Kalaavathi**, "Reserving Room before Encryption for Reversible Data Hiding with Scan Encryption", International Journal of Applied Engineering Research, Volume 10, Number 3, 2015 pp. 8231-8239. ISSN 0973-4562, Impact Factor:0.16.
- S. SivasangumanI, P.S. Gomathi and **B. Kalaavathi**, "Regional Firing Characteristic of PCNN Based Multimodal Medical Image Fusion In NSCT Domain", International Journal of Biomedical Engineering and Technology, Inderscience online, Volume 18, Issue 3, Print ISSN: 1752-6418 Online ISSN: 1752-6426, DOI: 10.1504/IJBET.2015.070575, 2015, Impact Factor :0.60.
- R.Chitra and **B.Kalaavathi**, "Secured Session Based Profile Caching for E-Learning Systems Using WiMAX Networks" World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:9, No:6, 2015,pp 1632-1635.
- M.I ThariqHussain and **B.Kalaavathi** " An Optimized User Behavior Prediction Model Using Genetic Algorithm on Mobile Web Structure", KSII Transactions On Internet And Information Systems, VOL.9 NO.5., MAY 2015, ISSN:1976-7277 <http://dx.doi.org/10.3837/tiis.2015.05.023>, Impact Factor :0.54.
- R.Chitra and **B.Kalaavathi** "Security Enhancement Using Cache Based Re-authentication in WiMAX Based E-Learning System", Hindawi Publishing Corporation The Scientific World Journal, Volume 2015, Article ID 878327, 6 pages <http://dx.doi.org/10.1155/2015/878327>, ISSN: 1537-744X, Impact Factor :1.55
- Revathi K **Jawahar M**, "Efficiency Improvement in Classification Tasks using Naive Bayes Tree and Fuzzy Logic", International Journal for Trends in Engineering & Technology Volume 6 Issue 1 – JUNE 2015 – ISSN: 2349 – 9303.

Participation in inter-institute events by students

Association Activities

S. No.	Type of the Programme	Title of the Programme	Date	Resource Person
1.	Seminar	Keynote Address and Mock Interview for Industry Readiness	04/07/2015	Ms. K. Sowkarthika Syntel International Pvt. Ltd & Ms. Priya, System Engineer, TCS
2.	Association Inauguration	VRICSA	04/07/2015	Ms. Priya, System Engineer, TCS
3.	Value added course	Hands-on Training on C Programming	09/07/2015-10/07/2015	Mrs. V. Thangamani, AP/CSE
4.	Special Lecture	Motivational talk	15/07/2015	Jc. Manju Anand,M.sc.,Mphil. National Trainer, JCI India
5.	Guest Lecture	Discrete Mathematics	08/08/2015	S.Jagadheswari, ASP/Maths, KSRCT
6.	Symposium	Third National Level Technical Symposium "Spring Fest 2K15"	20/08/2015	Mr.BhanuKumar Enterprise IT Consultant, Cloud Infra, Chennai
7.	Guest Lecture	Programming and Data Structure II	22/08/2015	Dr.S.Thilagavathi, AP(SG)/CSE, IRTT,Erode
8.	Guest Lecture	Theory of Computation	29/08/2015	Mr.Lakshmipathy, ASP/CSE, Anna university Regional center, CBE.
9.	Competition	ICTACT Youth Present – Preliminary	11/09/2015	ICT Academy
10.	Competition	ICTACT Youth Talk – Regional Final	15/09/2015	ICT Academy
11.	Guest Lecture	Data Warehousing and Data Mining	18/09/2015	Mr. V. Saravanesh Managing Director Data Analytics, Coimbatore
12.	Guest Lecture on sw Project Management	Real Time Practice	19/09/2015	Mr.R.Kumaravel, Development Manager,SAP Labs, Bangalore
13.	Guest Lecture	Software Engineering	29/09/2015	Dr.TKS. Lakshmi Priya, Professor & Head, Department of Printing Technology, Avinasilingam Deemed University, CBE
14.	Guest Lecture	Digital Signal Processing	05/10/2015	Dr.N.K.Karthikeyan, Professor / CSE, Sri Krishna College of Engineering and Technology, Coimbatore

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

S.No	Organized by	Name of the Program	Date	Number of Students	Year/ Semester
1.	Microsoft Research Community, Chennai	ETHICAL HACKING	2.6.15	5	IV/VII
			3.6.15	1	IV/VII
			5.6.15	2	III/V
			8.6.15	6	III/V
			10.6.15	1	III/V
2.	KERNEL MIND Chennai	Server Side Hacking using AI	18.07.15	11	II/III
3.	Microsoft Research Community Chennai	APP BUILD	23.08.15	2	III/V
4.	Codissia Trade Fair Complex, Coimbatore	ICTACT YOUTH LEADERSHIP SUMMIT 2016	24.08.15	2	II/III
5.	SNS College of Technology, Coimbatore	ANIMATRICKZ 2K15	3.9.15 & 4.9.15	3	III/V
6.	Microsoft Research Community, Chennai.	APP BUILD	23.9. 15	1	III/V
7.	LiveWire, Erode.	NETWORKING	13.9. 15	1	III/V

Paper Presentation

S.No	Organized by	Name of the Program	Date	Number of Students	Year/ Semester
1.	Adhiyamaan College of Engineering, Hosur	ACCENDO 2K15	13.8.15, 14.8.15	3	III/V
2.	Sasurie College of Engineering, Tirupur	TEZFUERZA v15.8	14.8.15	1	III/V
3.	AVS Engineering College, Salem	KENBLAST'15	28.8.15	1	III/V
4.	St Joseph Collage, Mamallapuram	IMPULZ '15	29.08.15	3	IV/VII
5.	SSN College of Engineering, Chennai	CONVERITA 2015	02.09.15	3	IV/VII
6.	Paavai Engineering College, Namakkal	ChaSE IT 2k15	2.9.15, 3.9.15	2	III/V
7.	Anna University-Chennai	AnantaBodha	10.09.15	6	IV/VII
8.	KSR College Of Engineering, Tiruchengode	BLOOM 2K15	11.09.15	2	III/V
9.	M.Kumarasamy Collage of Engineering, Karur	Technotrick'15	12.09.15	4	III/V

Events

S. No	Name of the Student	Year/ Sem	Name of the Program	Date	Name of the Organization
1.	KAVITHA S	III/V	Quiz	14.08.15	Sasurie College of Engineering, Tirupur
2.	ARAVIND L	III/V	Poster Designing	28.08.15	AVS Engineering College, Salem
			Quiz		
3.	SAI PRAVEEN V	IV/VII	ICTACT-Youth Presentation Prelims	16.09.15	Paavai Institutions, Namakkal
4.	NAVANEETHAN S	IV/VII	ICTACT-Youth Talk Prelims	11.9.15	KSR College of Technolgy, Tiruchengode
5.	VEERA VIGNESH K R	IV/VII			
6.	SHARAN KUMAR K	III/V			
7.	SHARMILA D	III/V			
8.	CHANYA P	III/V			
9.	ARAVIND.L	III/V	Project Design Contest	14.10.15 - 16.10.15	Bannari Amman Institute of Technology, Sathyamangalam
10.	RAGUL.M	III/V	Short Film	29.08.15	St Joseph College, Mamallapuram
11.	VIJAYAKUMAR.J	III/V			
12.	ANITHA K	IV/VII	Quiz	31.08.15	Sri Venkateswara College of Engineering, Chennai
13.	KEERTHANA R	IV/VII			
14.	JAYASRI V	IV/VII			
15.	POORNIMA S	IV/VIII	Debugging	31.08.15	Sri Venkateswara College of Engineering, Chennai
16.	MYVIZHI.A	IV/VIII			
17.	RANJITHA M	IV/VIII			
18.	DHIVYA K	IV/VII			
19.	DHIVYA BHARATHI P	IV/VII			

