

**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 6 | Issue 1

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

2018-2019 (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**

R.S.Vasumitha, III / CSE  
K.Pooja Shree, 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>Dr.G.Malathy, M.E.,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>Ms.N.Sharmila, 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>Mrs.R.Sathya Priya, M.E.,</i>	<i>Assistant Professor</i>
<i>Mr.M.P.Jegadeesan, M.E.,</i>	<i>Assistant Professor</i>

**System Administrator**

*Mr.S.Karthikeyan*

**Supporting Staff**

*Mr.S.Abiviruthi*  
*Mrs.T.Udhaya*  
*Mr.P.Rajkumar*

**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.G.Malathy	FDP	Introduction to PHP Programming	ICT Academy	27.09.2018 to 28.09.2018
Mr.M.Jawahar	International Conference	Java fundamentals and programming	Innovate 2018	19.07.2018
Mrs.R.Deebika	FDP	GE8151 – Problem solving and Python Programming	Vidyaa Vikas College of Engineering and Technology	01.06.2018 to 07.01.2018
Mr.V.Prakasam	FDP	Introduction to PHP Programming	ICT Academy	27.09.2018 to 28.09.2018
Ms.N.Sharmila	FDP	GE8151 – Problem solving and Python Programming	Vidyaa Vikas College of Engineering and Technology	01.06.2018 to 07.01.2018
Mr.V.Gopinath	FDP	Introduction to PHP Programming	ICT Academy	27.09.2018 to 28.09.2018
Mr.R.Gopal	FDP	Introduction to PHP Programming	ICT Academy	27.09.2018 to 28.09.2018
Ms.D.Kavinya	FDP	Introduction to PHP Programming	ICT Academy	27.09.2018 to 28.09.2018
Mrs.R.Sathya Priya	FDP	Introduction to PHP Programming	ICT Academy	27.09.2018 to 28.09.2018
		Teaching Techniques	ICT Academy	20.08.2018 to 21.08.2018
		Hadoop (Hortonworks)	ICT Academy	09.07.2018 to 13.07.2018





11.09.2018 Paper Presentation



27.08.2018 English Wizard



25.09.2018 Muthamizh Saaral



Prize distribution for even winners



Code Debugging on 03.09.2018



## About Association

### VRICSA Inauguration, 14.08.2018

VRICSA (2017 - 2018) Association of Computer Science and Engineering an Intra department technical Association, was inaugurated by **Mr. A R Rajaravi Varma, Web Developer, Cybrilla Technologies** on **14<sup>th</sup> August, 2018** 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.Aarthi, Student Secretary, VRICSA**.



14.08.2018 VRICSA inaugurated by Mr. A R Rajaravi Varma



### Students Achievements

#### Academic Toppers: (University Exams Apr/May' 18)

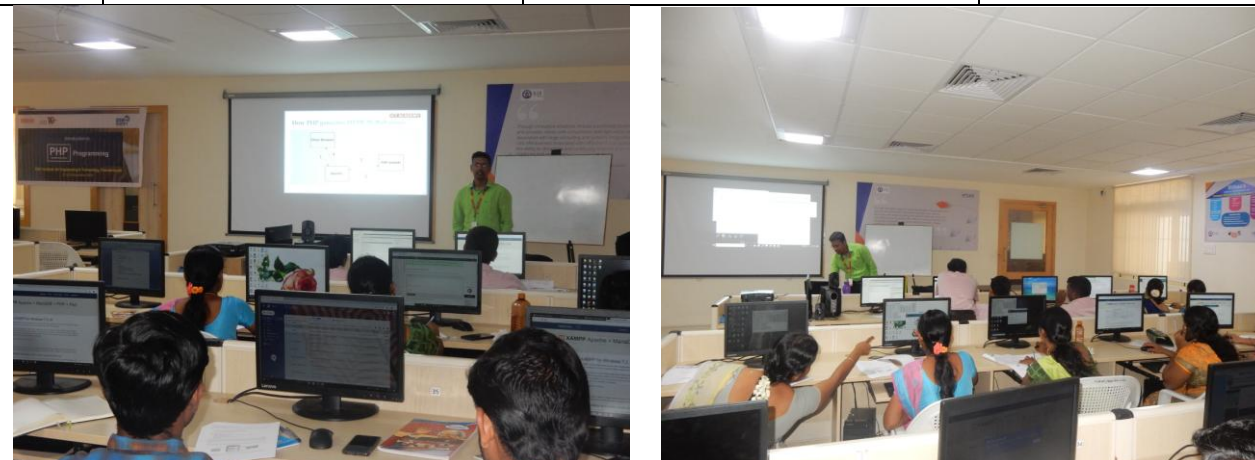
S.No	Name of the student	Year / Semester	GPA
1.	KOTEESHWARAN P N	I / II	8.17
2.	LELU PRABHA S	II / IV	7.88
3.	NAVEENA D	III / VI	8.36
4.	VISHNUPRIYA S	IV / VIII	9.2

#### Academic Toppers: (Upto this Semster)

S.No	Name of the student	Year / Semester	CGPA
1.	DINESHKUMAR K	I / II	8.3
2.	SWETHA B VASUMITHA R S	II / IV	8.1
3.	NAVEENA D	III / VI	7.8
4.	NIVEDITHA S	IV / VIII	8.13

#### Faculty Development Programme Organized

S.No	Name of the Programme	Resource person	Date
1.	PHP Programming	ICT Academy	27.09.2018 to 28.09.2018



27.09.2018 & 28.09.2018 PHP Programming at KSRIET

#### Co-Curricular Activities



Cloud Literacy on 15.10.2018

#### Value Added courses Organized

S.No	Name of the Course	Year / Sem	Resource person	Date
1.	Mean Stack Development (Angular JS, React JS and Node JS)	IV / VII	Mr. P. Jagadeesan, AP/CSE, KSRIET	26/07/18 to 28/07/18
2.	Advanced Java	IV / VII	Mr. R. Gopal, AP/CSE, KSRIET	31/08/18 to 01/09/18
3.	Introduction to Java, HTML5, CSS, Javascript and JQuery	III / V	Mr. R. Gopal, AP/CSE, KSRIET	28/09/18 to 30/09/18
4.	Fundamentals of Java Programming	II / III	Mr. M. Jawahar, AP/CSE, KSRIET	09/08/18 to 11/08/18
5.	Python Fundamentals	I / I	Dr. G. Malathy PROF/CSE, KSRIET	26/09/18 to 28/09/18





Events

S. No	Name of the Student(s)	Year/ Sem	Name of the Program	Date	Name of the Organization
1.	J.P. VALENTEENA COLLINS	II/III	Video Quiz	24.09.18	Sona College of Technology, Salem
2.	R.BABU	II/III			
3.	K.DINESHKUMAR	II/III			
4.	N.MOHANAPREYA	II/III			
5.	K.POOJASHREE	II/III	Video Quiz	24.09.18	Sona College of Technology, Salem
6.	R.MARIMUTHU	II/III	Quiz	09.10.18	KGiSL Institute of Technology, Coimbatore
7.	S.B CHOUMIYA	II/III			
8.	S.KARTHIKEYAN	II/III	Code Debugging	09.10.18	KGiSL Institute of Technology, Coimbatore
9.	M.POOJA	II/III			
10.	B.SWETHA	III/V	Quiz	12.10.18	Kongunadu College of Engineering &Technology, Trichy
11.	R.S VASUMITHA	III/V			
12.	B.SWETHA	III/V	Code Debugging	12.10.18	Kongunadu College of Engineering &Technology, Trichy
13.	R.S VASUMITHA	III/V			
14.	S.GOWRI	III/V			
15.	R.HARINI	III/V			
16.	S.SRUTHI	III/V			
17.	B.SHILPA	III/V			

Participation in inter-institute events by students

Association Activities

S.No.	Type of the Programme	Title of the Programme	Date	Resource Person
1.	Event	Association Inauguration	14.08.2018	Mr.A.R.Rajaravi Varma, Web Developer, Cybrilla Technologies
2.	Event	English Wizard	27.08.2018	Dr.C.Muguntharajan HoD/English, KSRIET
3.	Event	Paper Presentation	11.09.2018	Dr.G.Malathy, Professor/CSE, KSRIET
4.	Event	Code Debugging	03.09.2018	Mr.R.Venkatesan, AP/CSE, KSRIET Mr.R.Gopal, AP/CSE, KSRIET
5.	Event	Tamil Speech Muthamizh Saaial	25.09.2018	Mr.V.Prakasham, AP/CSE, KSRIET Mrs.R.Deebika, AP/CSE, KSRIET



Association Inauguration 14.08.2018

## 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.



Things Donated to Little Sisters Trust

### Participation in inter-institute events by students

#### Paper Presentation

S.No	Name of the Student(s)	Year/ Sem	Date	Name of the Organization
1.	J.P. VALENTEENA COLLINS	II/III	24.09.18	Sona College of Technology, Salem
2.	R.BABU	II/III	24.09.18	Sona College of Technology, Salem
3.	K.DINESHKUMAR	II/III	24.09.18	Sona College of Technology, Salem
4.	N.MOHANAPREYA	II/III	24.09.18	Sona College of Technology, Salem
5.	K.POOJASHREE	II/III	24.09.18	Sona College of Technology, Salem
6.	B.SWETHA	III/V	12.10.18	Kongunadu College of Engineering & Technology, Trichy
7.	R.S VASUMITHA	III/V	12.10.18	Kongunadu College of Engineering & Technology, Trichy
8.	A.RAJARAJAN	III/V	12.10.18	Kongunadu College of Engineering & Technology, Trichy
9.	P.PUGAZHIVELAN	III/V	12.10.18	Kongunadu College of Engineering & Technology, Trichy

## Workshop

S. No	Name. of Student(s)	Year/ Sem	Name of the Program	Date	Name of the Organization
1.	S.DEVI GAYATHRI	III/V	ANDROID App Development	27.11.2018	UNIQ Technologies, Coimbatore
2.	K.DHARANI	III/V	ANDROID App Development	27.11.2018	UNIQ Technologies, Coimbatore
3.	M.PRAVEEN KUMAR	III/V	ANDROID App Development	27.11.2018	UNIQ Technologies, Coimbatore
4.	S.ILAKIYA	III/V	ANDROID App Development	27.11.2018	UNIQ Technologies, Coimbatore
5.	R.ARUN	III/V	ANDROID App Development	27.11.2018	UNIQ Technologies, Coimbatore
6.	S.VENMATHI	III/V	ANDROID App Development	27.11.2018	UNIQ Technologies, Coimbatore
7.	SATHEESHKUMAR.T	II/III	Workshop	07.12.2018	Microsoft Research Community Group, chennai
8.	KARTHIKEYAN.S	II/III	Workshop	07.12.2018	Microsoft Research Community Group, chennai
9.	HARISH.P	II/III	Workshop	07.12.2018	Microsoft Research Community Group, chennai
10.	RAJASARAVANAN.N.S	II/III	Workshop	07.12.2018	Microsoft Research Community Group, chennai
11.	S.HARIHARAN	II/III	Workshop	07.12.2018	Microsoft Research Community Group, chennai
12.	MURALIDHARAN.A	II/III	Workshop	07.12.2018	Microsoft Research Community Group, chennai
13.	MOHANAPRIYAN	II/III	ANDROID App Development	27.11.2018	UNIQ Technologies, Coimbatore
14.	KOTEESHWARAN.P.N	II/III	ANDROID App Development	27.11.2018	UNIQ Technologies, Coimbatore
15.	DHARSHINI.P	II/III	ANDROID App Development	27.11.2018	UNIQ Technologies, Coimbatore

