

## PEOs of Department

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

**PEO2 (Professionalism):** Graduates will practice the profession with ethics, integrity and leadership to solve 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 analyse 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 modelling 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 profession.

**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 them to their own work, as a member or 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 customer 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 AI/AC (Artificial, Mobile, Analytics and Cloud) technologies.

# NEWS LETTER

Volume 8 | Issue 1

DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING

Semester News Letter  
2019-2020 (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.

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



## News Letter Team

Faculty Support  
Dr.M.Jaganathan  
Mrs.E.Deshika  
Students Support  
Swetha.F, IV / CSE  
Vignesh.S III / CSE

List of faculty members in the department

Dr.M.Venkatesan	Ph.D.	Professor ,Principal
Dr.B.Kalaavathi	Ph.D.	Professor ,HOD
Dr.G.Malathy	Ph.D.	Associate Professor
Dr.M.Vimaladevi	Ph.D.	Assistant Professor
Dr.P.Vijayalakshmi	Ph.D.	Assistant Professor
Dr.M.Jaganathan	Ph.D.	Assistant Professor
Mrs.R.Deebika	M.E.	Assistant Professor
Mr.V.Prakasham	M.Tech	Assistant Professor
Mr.R.Venkatesan	M.E.	Assistant Professor
Mr.V.Gopinath	M.E.	Assistant Professor
Ms.N.Sharmila	M.E.	Assistant Professor
Mr.R.Gopal	M.E.	Assistant Professor
D.Kavinya	M.E.	Assistant Professor
Mrs.V.Sowmitha	M.E.	Assistant Professor

System Administrator

Mr.S.Karthikeyan

Supporting Staff

Mr. S.ABIVIRUTHI	DEEE
Ms. T.UDHAYA	B.Tech
Mr.M.SARAVANARAJ	B.E

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

S.No	Name of faculty	Title of the program	Dates
1.	Dr.B.Kalaavathi	Skycampus - Session 1 - Technology For Future	09-04-2020 to 18-04-2020
2.	Dr.B.Kalaavathi	Skycampus - Session 2 - Webinar on theme Leading in a VUCA world	20-04-2020 to 23-04-2020
3.	Dr.M.Vimaladevi	Skycampus - Session 2 - Webinar on theme Leading in a VUCA world	21-04-2020 to 24-04-2020
4.	Dr.M.Vimaladevi	Webinar on Leadership Talk	16-05-2020
5.	Dr. P. Vijayalakshmi	Python 3.4.3 training	30-04-2020
6.	Dr. P. Vijayalakshmi	Workshop on Data Science / Machine Learning	25-04-2020
7.	V. Prakasham	Webinar on Intellectual Property Rights For Engineers	21-05-2020
8.	V. Prakasham	Webinar on Skill sets for Effective Classroom teaching	23-05-2020
9.	V.Sowmitha	Webinar on Java Basics	20-04-2020 to 27-04-2020
10.	V.Sowmitha	Online Faculty Development Programme on Cyber security	15-05-2020 and 16-05-2020

### Students Achievements

Academic Toppers: (University Exam Nov/Dec 2019)

S.No	Name of the student	Year / Semester	GPA
1.	AMIRTHESWARIA	I/I	8.48
2.	LOGESHWARAN M	II/III	8.53
3.	VIGNESHS	III/V	8.02
4.	SWETHA P STELINBERCIA S	IV/VI	9.40

Academic Toppers: (Upto this semester)

S.No	Name of the student	Year / Semester	CGPA
1.	AMIRTHESWARIA	I/I	8.48
2.	LOGESHWARAN M	II/III	7.96
3.	KOTEESHWARAN P.N	III/V	8.1
4.	SWETHA P	IV/VI	8.2

### Guest Lecture Organized

S.No	Date	Industrial Experts	Course Delivered	Programs	No of Student Benefited
1.	02.05.2020	Mr.Ravathiya RS, AT & T, Senior Associate Applied Math & Statistics	Overview of Tools and Technologies in Data Handling with Business Scenario	Webinar	120
2.	27.04.2020	Mr.D.Mohan, Probationary Officer - Canara Bank	Career Guidance	Webinar	64
3.	22.02.2020	Mrs.Akalya, Deputy Commercial Tax Officer	Motivational Programme - Career Guidance for Competitive Exam	Webinar	81
4.	29.04.2020	Mr.Kamalakannan Ramesh, Software Engineer, Lowe's, India, Bangalore	Acing your Next Interview	Webinar	56
5.	14.02.2020	Pooja K Shetty, IITC Knowledge Park, Bangalore	Database Management System	Seminar	28
6.	07.09.2019	Mr.Boopathy Raja, Chief Executive Officer, Training Trainee, Knode	Block Chain Architecture	Workshop	50
7.	13.06.2019	Mr.Manjula Parkavi, Software Engineer, CISCO, Chennai	Introduction to OOPS	Seminar	28

**Value Added courses Organized**

S.No	Date	Course Name	Resource Person	Year / Sem	Total No. of Participants
1.	01.07.2019 to 05.07.2019	Data Analytics using Python and R	Mr.R.Gopal, AP/CSE, KSRIET Mrs.R.SathyaPriya, AP/CSE, KSRIET	III/V	51
2.	17.09.2019 to 21.09.2019	Hardware Trouble Shooting and Photoshop	Mr. V.Prakasham, AP/CSE, KSRIET Mr.S.Karthikeyan, System Admin, KSRIET	III/III	29
3.	11.11.2019 to 15.11.2019	RedHat Linux Certification for System Administration	Dr.M.Vimaladevi, ASP/CSE,KSRIET Mr.V.Gopinath, AP/CSE,KSRIET	III/III	29
4.	16.12.2019 to 20.12.2019	Web Designing using PHP	Mr.R.Gopal, AP/CSE, KSRIET Mrs.R.SathyaPriya, AP/CSE, KSRIET	III/VI	51
5.	09.03.2020 to 13.03.2020	Ethical Hacking	Mr.R.Gopal, AP/CSE, KSRIET	III/VI	51

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

S.No	Year/Sem	Name	Event Name	Conducted on	Name of the college
1.	II/III	HEMALATHADEVI P	Workshop	04-08-2019	CADD Centre (iLiveWire Training Services)
2.	II/III	HEMALATHADEVI P	Paper Presentation	18-08-2019	Jassam Institute of Technology
3.	II/III	RESHMA R	Event	04-09-2019	Thugalgal Charitable Trust
4.	II/IV	JAILLISH K	Paper Presentation	05-02-2020 & 06-02-2020	PSG Institute of Technology and Applied Research
5.	II/IV	SURENDRHIRAN S	Paper Presentation	05-02-2020 & 06-02-2020	PSG Institute of Technology and Applied Research
6.	II/IV	KAVIN M	Event	05-02-2020 & 06-02-2020	PSG Institute of Technology and Applied Research
7.	I/III	RAKESH S	Workshop	07-02-2020	Sengunthar Engineering College
8.	I/III	SHAHKEEN M	Paper Presentation	22-02-2020	Sengunthar Engineering College
9.	I/III	DHARSHA K	Paper Presentation	22-02-2020	Sengunthar Engineering College
10.	I/III	PRATHAP D	Workshop	28-02-2020	Government College of Technology, Coimbatore
11.	IV/VIII	BARATH K	International Conference	04-03-2020 & 05-03-2020	Selvam College of Technology
12.	I/III	DHEEYAK A	Paper Presentation	06-03-2020	Knowledge Institute of Technology

## 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.

