

**KSR INSTITUTE FOR ENGINEERING
AND TECHNOLOGY**



TIRUCHENGODE -637 215.

***DEPARTMENT OF
INFORMATION TECHNOLOGY***

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NEWS LETTER



KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Vision

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

Mission

M1	Accomplish quality education through improved teaching learning process
M2	Enrich technical skills with state of the art laboratories and facilities
M3	Enhance research and entrepreneurship activities to meet the industrial and societal needs

DEPARTMENT OF INFORMATION TECHNOLOGY

Vision

To produce competent Information Technology Professionals and Entrepreneurs with ethical values to meet the global challenges.

Mission

MD1	Impart quality education with ethical values in Information Technology through improved teaching learning process
MD2	Provide an ambient learning environment using state of the art laboratories and facilities
MD3	Encourage research and entrepreneurship activities to meet the dynamic needs of Information Technology industry and society

Editorial Board

Faculty In-charge : Mr. M.SelvaKumar,
Assistant Professor / IT

Student Members : R.Santhosh Kumar,II/ IT
K.Saraswathy, III /IT
P.Dharani,IV /IT

DIGITA ASSOCIATION INAUGURATION

The Department of Information Technology, KSRIET inaugurated the association of Information Technology on 18.08.2018 at 11 am in Silver Jubilee Hall. The function was inaugurated by **Mr.Girirajan Murugan, Chief Technology Officer-Fundsindia.com, Chennai**. Mr.Girirajan Murugan delivered the Inaugural Address and gave the Motivation speech to all the students.



The welcome address was given by **Mr.S.Balaji, IVyear** and the inauguration was felicitated by **Dr.P.Meenakshidevi**, HOD Information Technology. The Presidential address was given by **Dr.M.Venkatesan**, Principal, KSRIET. The DIGITA's activities plan for the year was delivered by secretary **S.Elangovan, IVyear**. The chief guest introduction was given by join secretary **S.Mohanraj, III Year**. The introduction of office bearers was given by **Mr.D.Balakrishnan**, Assistant professor, Department of Information Technology. The Information Technology association inaugural program was coordinated by **Mr.D.Balakrishnan**, Assistant professor, Department of **Information Technology**.

WORKSHOP ON 'FIND FRIEND FOR YOUR LIFE'

Women empowerment cell of KSRIET organized a workshop on 'find friend for your life' on 07.08.18 at ECE seminar hall. Mrs. JC. Lavanya Yugaendhar, an well known Psychologist and an Certified NLP Practitioner from Salem presided over the session. She told the students that friends are valuable blessings that can help us carry through any storm we face and quoted words from Anne Shirley novel Anne of Green Gables, "**True friends are always together in spirit.**" She also added how friends helps us to evolve by breaking through our cocoon, improve our decision making skills, accountability, nudge our personal growth and see the beauty around us etc.



DIGITA EVENTS

The student members of the association, organized various inter and intra department level technical and non technical events through DIGITA.



- ❖ *The first intra department level technical event name 5MT was conducted on 10.08.2018 in IT Lab. The program was conducted to improve the technical knowledge of the students henceforth we set the rules as follows, the paper presentation should have only 5 slides which should explain the topic very clearly. The first slide should explain the content of the topic, the next slide should explain the module of the topic, the third should explain the calculation, the next one must include the reference of the respective topic, and the last one must be conclusion.*



- ❖ *The first inter department level non technical event name Quilling was conducted on 10.08.2018 in M-217 Hall. This ornamental craftwork event involved shaping of paper, fabric, or glass in to delicate pleats or folds. The main theme of the contest was based on Independence Day and so only four colours orange, green, white and blue were allowed. Students actively participated and represented their innovative ideas on craftwork.*



- ❖ *The second inter department level non technical event name Photography contest was conducted on 31.08.2018. The students were asked to take photos of our college using their mobiles and upload their best photo in our college's instagram account. The winners were selected based on the number of likes they received.*
- ❖ *The third inter department level technical event name **Multimedia Contest** was conducted on 06.09.2018 in IT Lab. The contest was mainly about presentation of "**Social Issues**". It was done to improve the awareness and social responsibility of the students. The students presented their multimedia skills in various topics like agriculture, chemical fertilizers, save environment, social media addiction, child labour, stop harming animals etc. Students from various departments participated and utilized this competition.*

GUEST LECTURE ON CAREER DEVELOPMENT IN INDUSTRY

*An one day guest lecture on Career Development in Industry was organized on 07.09.2018 at the ECE seminar hall. Ms. **Bhanurekha, Sutherland Technologies, Chennai** handled the seminar. She talked to the students about current trends and technologies in industries. She informed the students about different fields they can choose and about their opportunities. She advised the students to improve on their Communicational and Technical skills in accordance to the expectation of industries.*



SEMINAR ON STRESS MANAGEMENT

*An one day seminar on stress management was conducted in our institute in association with ISTE on 28.06.2018 in the ECE seminar hall. **Mr. M.K.Maheswaran, Managing Partner, Senthil Autos, Erode** handled the seminar sessions and insisted the students about the importance of proper planning, time management and how to increase efficiency*

ICTACT YOUTH TALK-REGIONAL LEVEL

Our college hosted an Youth talk competition on a regional level in association with ICT Academy of Tamil Nadu on 27.09.2018. A wide variety of students from various colleges have participated in the competition and gave their speech. It was done to improve the English vocabulary and communication skills of students.

WORKSHOP ON ANGULAR JS

Workshop on Angular JS was conducted for two days from 16.10.2018 to 17.10.2018 for our students. Ms.Abinaya, Senior Consultant, Quinnox, Bangalore handled the session and taught the students about angular scripting and asked the students to work on it to get placed.

VALUE ADDED COURSES

1. Full Stack Developer: Final year (16 students)

Mr.G.Gajendren MTS2 Engineer –Paypal Chennai, handled the session for the students from June to August on weekends from 28.5.18 to 31.8.18

2. Java: III year (42 students)

Mr.L.Deepan Prabu AP/IT handled the java sessions for third years from 4.7.18 to 5.7.18

3. C Training: II year (51 students)

Mr.S.Nandhagopal AP/IT handled C programming for second years from 11.6.18 to 12.6.18

FACULTY ACHIEVEMENTS (100% RESULT)

S. No.	Name of the Faculty	Subjects Handled	Dept/Year/Sem
1.	Mr. P. S. Prakash Kumar	Software Project Management	IT/IV/VIII
2.	Ms. P. Shanmugapriya	Service Oriented Architecture	IT/IV/VIII
3.	Mr. R.Sivaraj	Professional Ethics in Engineering	IT/IV/VIII

FACULTY PARTICIPATION

S. No.	Name of the Faculty	Title of the Program	Type of the Program	Conducted By (Dept. and Institution)	Date
1.	K.G.Lavnaya L.PriyangaDevi	Problem Solving & Python Programming	FDP	Vidhyaa Vikass College	01.06.2018 To 07.06.2018
2.	Dr.S.Russia Ms.M.DhurgaDevi	Big Data Analytics & Machine Learning	AICTE-ISTE Induction Programme	KSRCE	04.06.18 To 09.06.18
3.	Mr.K.Gowsic	Database Programming with PL/SQL	Professional Development	Oracle Academy	24.08.2018
4.	Mr.S.Nandhagopal Mr.L.DeepanPrabu Mr.D.Balakrishnan Mr.Selvakumar Mr.K.Gowsic	Introduction to PHP programming	FDP	KSRIET	28.09.2018
5.	Mr.S.Arunprasath	Big Data Analytics with	National	Kongu	05.10.2018

Mr.P.S.Prakash Kumar MS.L.Priyangadevi Mr.S.Nandhagopal Mr.L.DeepanPrabu	Apache SPARK	level Workshop	Engineering College	
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NPTEL COURSES ATTENDED BY FACULTY

S. No.	Name of the course	Duration	Name of the Faculty	Grade Obtained
1	Database Management Systems	Aug 6 - Sept 28 8 Week Course	K. Gowsic	ELITE
2	Introduction to Programming in C	Aug 27 - Oct 19 8 Week Course	D. Balakrishnan	SUCCESSFULLY COMPLETED

STUDENTS' PARTICIPATION

S. No.	Name of the Student	Year / Sem.	Name of the Program	Date	Organized By
TECHNICAL EVENTS					
1.	K.Aravindh R.Kirubakaran S.Sudarsan E.Prathapkumar	III/V	Corporate Training Test	22.06.2018	Codebind Technologies, Coimbatore
2.	M.Karthika G.ManiBharathi M.Janani A.Oviya	III/V	Corporate Training Test	28.06.2018	Codebind Technologies, Coimbatore
PAPER PRESENTATION					
1.	S.Karkulazhi S.Mounika	III/V	Network Security	04.09.2018	Jai Shriram Engineering College, Tirupur
2.	S.Nashak kumar M.Hakkem	III/V	Artificial Intelligence	12.10.2018	Kongunadu College of Engineering and Technology, Thottiam
WORKSHOP					
1.	K.Aravindh R.Kirubakaran S.Sudarsan E.Prathapkumar	III/V	Workshop	22.06.2018	Codebind Technologies, Coimbatore
2.	M.Karthika	III/V	Workshop	28.06.2018	Codebind

S. No.	Name of the Student	Year / Sem.	Name of the Program	Date	Organized By
	G.ManiBharathi M.Janani A.Oviya				Technologies, Coimbatore
3.	M.Gobika G.Sandhiya R.Sivasankari S.Sreemathi Indra K.R.Thusmeena S Ashok Kumar S Balamurugan U S Babu R Lakshmanan S Gokulan K Dhinakaran S Girinath K S Keerthivarma S Venkateswaran S Sriram P Kannan G Naveenkumar	II/III	Workshop	27.11.2018	Uniq Technologies, Chennai

ACADEMIC TOPPERS

S. NO.	YEAR / SEM / SEC	NAME OF THE STUDENT	GPA	POSITION
1	I / II	GOBIKA M	8.12	1
2	I / II	LAKSHMANAN R	8.04	2
3	I / II	JESSICA COLLINS	7.76	3
4	II / IV	JANANI M	8.41	1
5	II / IV	YAKSHEETHA	8.14	2
6	II / IV	SHUGITHA V S	7.86	3
7	III / VI	SARAVANAPRIYA R	7.92	1
8	III / VI	HEMALATHA.G	7.67	2
9	III / VI	DEEPA K	7.63	3
10	IV / VIII	M. SOWNTHIRYA	8.33	1
11	IV / VIII	MEPHY MONY	7.83	2
12	IV / VIII	S. PAVITHRA	7.83	2

Program Outcomes (POs)

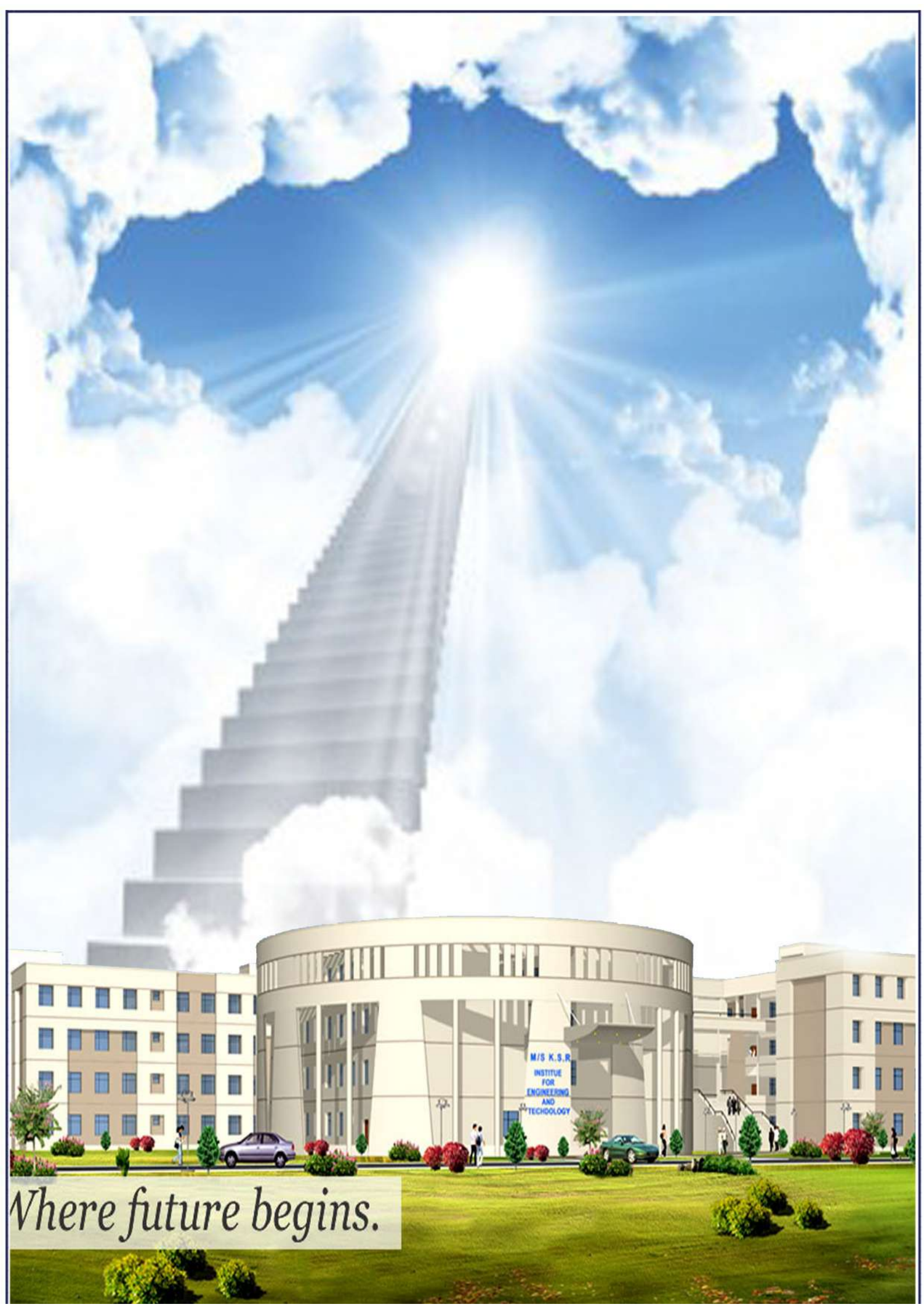
PO1	Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the IT enabled solution of complex engineering problems.
PO2	Problem Analysis: Identify, analyze and provide solutions to the problems reaching substantiated IT enabled conclusions.
PO3	Design/Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the desired needs within realistic constraints.
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.
PO5	Modern Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering and IT 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 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 engineering activities with the engineering community and with society.
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.

Program Specific Outcomes (PSOs)

PSO1	Programming Skill	Work as Software Engineers for providing solutions to real world problems using programming languages and open source software.
PSO2	Web Designing Skill	Ability to use the web designing skill to establish new solutions for the societal needs.

Program Educational Objectives (PEOs)

PEO	Key Words	Description
PEO 1	Core Competency	Graduates will be successful professionals in career by applying the knowledge of mathematics, science and engineering with appropriate techniques and modern tools.
PEO 2	Professionalism	Graduate will exhibit soft skills, professional and ethical values and thrust for continuous learning to maintain professionalism in the IT industries.
PEO 3	Higher Studies and Entrepreneurship	Graduates will engage in higher studies and outshine as entrepreneurs through life-long learning which leads to societal benefits.



M/S K.S.R
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Where future begins.