

# 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

<b>M1</b>	Accomplish quality education through improved teaching learning process
<b>M2</b>	Enrich technical skills with state of the art laboratories and facilities
<b>M3</b>	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

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

## **Editorial Board**

**Faculty In-charge :** Mr. P.S.PrakashKumar,  
Assistant Professor / IT

**Student Members :** S.Heeradevi , IV/ IT  
P.Pavithra , III/ IT  
Mephymony ,II/ IT

## ***DIGITA ASSOCIATION INAUGURATION***

*The Department of Information Technology, KSRIET inaugurated the DIGITA association of Information Technology on 8<sup>th</sup> August 2015 in Seminar Hall. The function was inaugurated by Ms.C.Aishwaria, Team Lead ,CTS, Chennai. Ms.C.Aishwaria delivered the Inaugural Address and gave the Motivation speech to all the students.*



*The association of DIGITA conducted various activities,*

- *The first inter departmental contest **C HUNT**, based on C programming was conducted on 16.08.2015 to promote programming skills among students.*
- *The second inter department contest **VENDER & OBJECT FINDING** was conducted to make students improve their memory skills.*
- *The third inter departmental contest **CROSS WORD & TOUNGE TWISTER** was conducted on 24.08.2015 to improve the communication skills of students.*
- *The fourth inter departmental contest **USE YOUR LOAF** was conducted on 10.09.2015 to improve the analytical thinking of students.*

## SYMPOSIUM

Our college KSR Institute for Engineering and Technology in association with IEEE, ICT Academy, ISTE, Computer society of India conducted a national level technical symposium **SPRING FEST – 2K'15** on 20<sup>th</sup> August 2015. **Mr.S.Bhanukumar, Enterprise IT consultant, Cloud infera, Chennai** presided over the symposium and gave motivational speech to the students.



Our Department of Information Technology organized activities such as

- ❖ Paper presentation on the following topics
  - **Cloud Computing**
  - **Big Data Analytics**
  - **Quantum Computing**
  - **Windows Azure**
  - **Android**
  - **Grid Computing**
  - **Artificial Intelligence**
  - **Ethical Hacking**
  - **4G Technology**
- ❖ Workshop on “ **Android App Development**”
- ❖ Technical events such as **Tech Invocations**
- ❖ Non technical events such as **Tech Freaks, Best Manager**

## HANDS ON TRAINING IN PHP

A one day hands-on training on "Basics of PHP" was organized for our students, on 22<sup>nd</sup> August 2015 to make them to get acquainted with technologies. **Mr. Rajaganapathi, Senior Software Engineer, Tech Mahindra, Chennai** handled the session and informed the students how PHP has become a popular server side scripting language and it's usage in creating dynamic and interactive webpages.



## SEMINAR ON BIG DATA ANALYZING AND VISUALIZATION

*Seminar on BIG DATA ANALYZING AND VISUALIZATION* was conducted for our students on 25<sup>th</sup> July 2015. **Mr. A.Kalyana saravanan** Professor, Kongu Engineering College



## SPECIAL LECTURE: MOTIVATIONAL TALK

A Special guest lecture programme was organized by our institution in order to motivate the students on 15<sup>th</sup> July 2015. Jc. Manju Anand, national trainer, JCI trainer, India gave her inspirational speech to the students where she insisted on the importance of education, how one should have aspirations and strive towards it with a positive attitude.



## KEYNOTE ADDRESS AND MOCK INTERVIEW FOR INDUSTRY READINESS

In order to get our students acquainted with industrial expectations and to attend interviews, a one day keynote address and mock interview program was conducted for our students in association with CSI chapter On 4<sup>th</sup> July 2015. **Ms. K. Sowkarthika Project Head, Syntel Ltd, Ms. Priya, System Engineer, TCS** together presided over the function and informed the students about how they should prepare their resume, work on their communicational skills and technical skills, further they told the students to hone their in particular domains to get jobs.

## VALUE ADDED COURSES PROVIDED

### 1. Java: ( For all Students)

Java value added course was provided to the IT students as two separate two days session from 24<sup>th</sup> to 25<sup>th</sup> July and from 4<sup>th</sup> to 5<sup>th</sup> september were core concepts of java was studied in detail. Assistant Professors **Ms.M.Soundariya**, **Mr.S.Arunprasath** , **Mr.P.Rajakumar** and **Mr.R.Naresh** handled the courses and taught the students using Eclipse IDE, further they encouraged the students to do mini projects in them.

## STUDENTS PARTICIPATION

S. No.	Name of the Student	Year/ Sem.	Name of the Program	Date	Organized By
<b>TECHNICAL EVENTS</b>					
1.	P.Preyadarsene	III/V	EVENT-Quiz EVENT- Code Debugging	14.08.2015	Sasurie College of Engineering, Erode
2.	T.Kesavamoorthy R.Muralidharan	III/V	EVENT-JAM	14.08.2015	Adhiyamaan College of Engineering, Hosur
3.	R.Muralidharan	III/V	EVENT -APP DON	14.08.2015	Adhiyamaan College of Engineering, Hosur
4.	M.Ramya D.Giftson Geetha Priyan V.Kishore kumar T.Gowtham M.Hema Priya	III/V	GEEKZORRO	04.09.2015	KGiSL Institute of Information Management, Coimbatore
5.	M.Saranya R.Induja P.Pavithra R.Sanghavi G.Saranya S.Kamaleeswary	III/V	GEEKZORRO	04.09.2015	KGiSL Institute of Information Management, Coimbatore
6.	T.Gowtham C.Sarathkumar S.Sampath kumar M.Bharathi	III/V	Ingenius Hackthon 2015	02.10.2015 & 03.10.2015	PES Institute of Technology, Bangalore

S. No.	Name of the Student	Year/ Sem.	Name of the Program	Date	Organized By
	M.Janani				
<b>PAPER PRESENTATION</b>					
1.	T.Kesavamoorthy R.Muralidharan C.Sathiya Narayannan	III/V	Paper Presentation	13.08.2015	Adhiyamaan College of Engineering, Hosur
2.	C.Sarath Kumar V.Manickavel T.Manikandan	III/V	Paper Presentation	13.08.2015	SNS College of Engineering, Coimbatore
3.	I.Shibani R.Indira K.Geethanjali M.Tamil mani	III/V	Paper Presentation	14.08.2015	Kongunadu College of Engineering and Technology, Thottiyam
4.	P.Preyadarsene	III/V	Paper Presentation	14.08.2015	Sasurie College of Engineering, Erode
5.	I.Shibani G.Kiruthiga K.Geethanjali R.Indira	III/V	Paper Presentation	26.08.2015	Cheran College of Engineering, Karur
6.	S.Bhuvaneswari	III/V	Paper Presentation	03.09.2015	AVS Engineering and Technology, Salem

### FACULTY PARTICIPATION

S. No.	Name of the Faculty	Title of the Program	Type of the Program	Conducted by (Dept and Institution)	Date
1	Ms.M.Soundariya Mr.R.Naresh	J2EEE	FDP	ICTACT at NSIT,Salem	24.7.15 & 25.7.15
2	Mr.R.Sivaraj Mr.P.S.Prakash kumar	Cloud Infrastructure & sources	FDP	ICTACT,AVS college of engineering	17.8.15 to 21.8.15
3	Ms.M.Dhurga devi Mr.S.Arunprasath	Implementation of wireless Sensor Networks Using CONTIKI os	FDP	KSRIET	21.8.15 & 22.8.15



S. No.	Name of the Faculty	Title of the Program	Type of the Program	Conducted by (Dept and Institution)	Date
4	Mr.R.Sivaraj Ms.M.Soundariya Ms.R.Subapriya	Basics of PHP	Workshop	IT,KSRIET	22.8.15
5	Ms.K.G.Lavanya	Ethical hacking & cyber security	Workshop	K.S.R college of Engineering	7.10.2015 & 8.10.15
6	Mr.P.S.Prakashkumar	Modelling Simulation & Control	International Conference	Karpagam Coimbatore	15.10.15 & 16.10.15
7	Dr.P.Meenakashidevi Ms.G.Malathy	Hadoop Hortonworks	ICTACT FDP	K.S.R college of Engineering	27.10.15 to 31.10.15
8	Ms.P.Shanmugapriya	Emerging tools to analyze brain waves for artificial technology	Workshop	K.S.R college of Engineering	6.11.15 & 7.11.15
9	Mr.P.S.Prakash kumar	Environmental Pollution & Control	Workshop	Karpagam Coimbatore	21.11.15
10	Ms.G.Malathy Mr.R.Sivaraj Mr.P.Rajakumar	C# & .Net	ICTACT FDP	KSRIET	23.11.15 to 27.11.15
11	Ms.S.Russia	AHeruate Euerqy technologies	International Conference	GCT,Coimbatore	25.11.15 & 26.11.15

## ACADEMIC TOPPERS

S. No.	Year / Sem.	Name of the Student	GPA	Rank
1.	I / II	SOWNTHIRYA. M	8.12	1
2.	I / II	GODSON VINCE ALEX. A	7.84	2
3.	I / II	MEPHYMONY	7.48	3
4.	II / IV	M.SARANYA	8.09	1
5.	II / IV	P.PREYADARSENE	8.05	2
6.	II / IV	S.SOWNDHARYA	7.95	3
7.	III/VI	VENNILA A	9.29	1
8.	III/VI	DEEPALAKSHMI M M	9.25	2
9.	III/VI	KARTHIGA S	9.12	3
10.	IV/VIII	GEETHAMANI.S	9.75	1
11.	IV/VIII	SENTHIL KUMAR R	9.75	2
12.	IV/VIII	DILSHATH S.G	9.50	3
13.	IV/VIII	DIVYA R	9.50	3
14.	IV/VIII	KARTHIKEYANI C	9.50	3
15.	IV/VIII	PAVITHRA DEVI E	9.50	3
16.	IV/VIII	SNEGAPRIYA R	9.50	3

### Program Outcomes (POs)

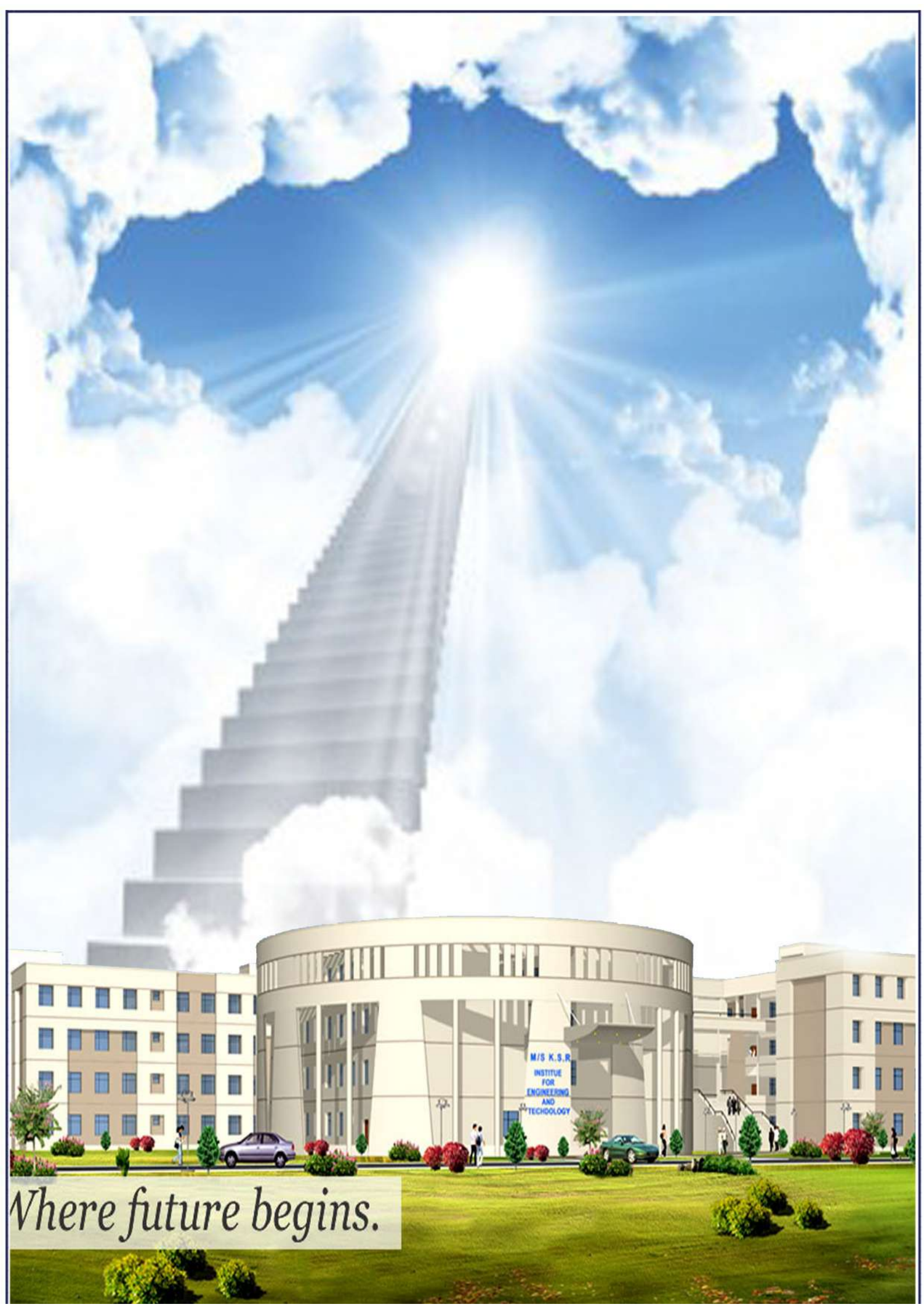
PO1	<b>Engineering Knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the IT enabled solution of complex engineering problems.
PO2	<b>Problem Analysis:</b> Identify, analyze and provide solutions to the problems reaching substantiated IT enabled conclusions.
PO3	<b>Design/Development of Solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the desired needs within realistic constraints.
PO4	<b>Conduct Investigations of complex problems:</b> 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	<b>Modern Tool Usage:</b> 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	<b>The Engineer and Society:</b> 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	<b>Environment and Sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
PO9	<b>Individual and Team Work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	<b>Communication:</b> Communicate effectively on engineering activities with the engineering community and with society.
PO11	<b>Project Management and Finance:</b> 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	<b>Life Long Learning:</b> 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	<b>Programming Skill</b>	Work as Software Engineers for providing solutions to real world problems using programming languages and open source software.
PSO2	<b>Web Designing Skill</b>	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	<b>Core Competency</b>	Graduates will be successful professionals in career by applying the knowledge of mathematics, science and engineering with appropriate techniques and modern tools.
PEO 2	<b>Professionalism</b>	Graduate will exhibit soft skills, professional and ethical values and thrust for continuous learning to maintain professionalism in the IT industries.
PEO 3	<b>Higher Studies and Entrepreneurship</b>	Graduates will engage in higher studies and outshine as entrepreneurs through life-long learning which leads to societal benefits.



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*Where future begins.*