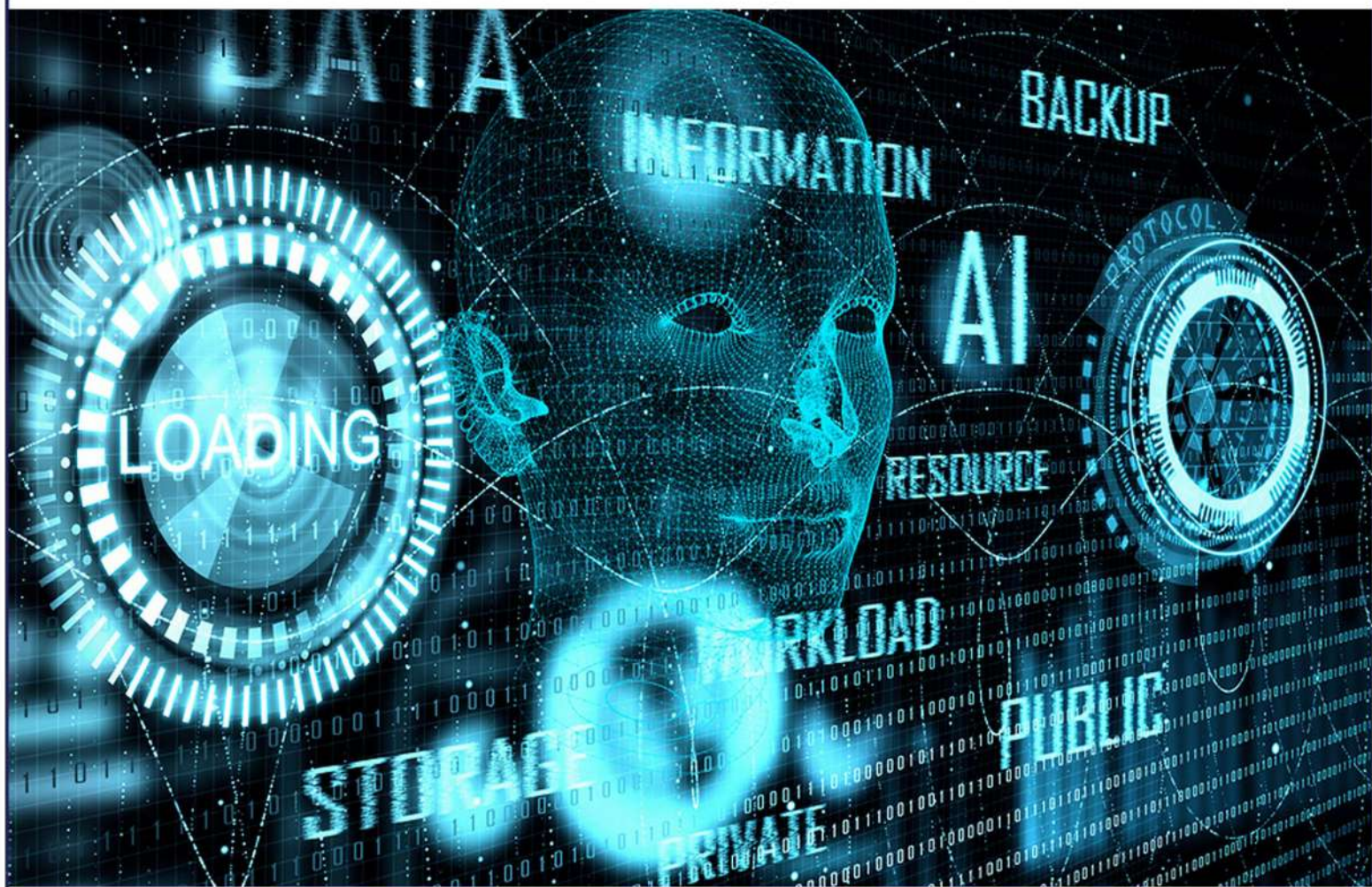


***DEPARTMENT OF
INFORMATION TECHNOLOGY***

**VOLUME 4
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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 : S.Illakiya,IV/ IT
P.Dharani,III/ IT
S.Mohanraj,II /IT

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'18** on 2nd and 3rd of February 2018. **Mr. V.R Balasubramanian, Deputy Manager, HumanResources, Ashokleyland, Hosur** inaugurated the symposium and gave motivational speech to the students.



Our Department of Information Technology organized activities such as

- ❖ Paper presentation on the topic **"RECENT TRENDS IN ENGINEERING & TECHNOLOGY"**
- ❖ Workshop on **"AUGUMENTED REALITY**
- ❖ Technical events such as **Think Pad, Code-X and Skizze.**
- ❖ Non technical events such as **Hurrah! xyz**



HANDS ON TRAINING ON “INTERNET OF THINGS”

The hands on training on internet of things using raspberry pi was conducted for our students from 19.12.17 to 21.12.17. **Mr. A. Athif Shah Managing Director/Founder of ABE Semiconductor Designs** handled the workshop sessions and discussed with the students how these devices Embedded with technology, communicate and interact over the Internet, and how they can be remotely monitored and controlled. He also elaborated on the various interesting IOT projects that can be done by students.



SEMINAR ON DATA WAREHOUSING

The seminar on data warehousing was conducted on 28.12.17 for our students at the ECE Seminar hall. **Mr.Muthukumarasami, DWH Consultant and Manager, Capgemini, Chennai** handled the session and told the students about extract, transform, load (ETL) process in database and it's usage to prepare **data** for analysis, especially in **data warehousing**. Further he discussed about various tools, job scope and about the current trend on data warehousing in industry.



WORKSHOP ON CLOUD AND GRID COMPUTING

The workshop on Cloud And Grid Computing was conducted for our students from 12.02.18 to 13.02.18 at IT lab. **Mrs.M.Dhurgadevi, Assistant professor of Information Technology** handled the sessions and taught the students about emerging cloud and grid computing.

WORKSHOP ON FEATURES AND HANDS ON LAB JAVA 8

Workshop and hands on lab for Java 8 was conducted for our students at the IT lab on 14.02.18. **Mr. G. Gajendren, MTS2 Engineer Paypal, Chennai** handled the session and told the students about new features incorporated in Java8 compared to Java7 and about how to use them and their effectiveness.

DIGITA EVENTS

The student members of the association organized various intra department level events through DIGITA.

- ❖ *The first intra department level event name **Fun of Code Debugging** was conducted on 14.02.17 in IT lab.*
- ❖ *The second intra department level event name **Mind Puzzles** was conducted on 19.02.17 in IT lab.*
- ❖ *The third intra department level event name **Mobile Gaming** was conducted on 21.02.17 in IT lab.*

FACULTY DEVELOPMENT PROGRAM

FDP on “**IT Essentials and lab**” was conducted by our department from 23.01.2018 to 25.01.2018 at the IT Lab. **Mr. P.Rajakumar**, assistant professor of Information Technology handled the sessions and informed the faculties about current modern tools, their usage and applications and motivated them.



PLACEMENT DETAILS

The following students of our Information Technology department got placed in various reputed companies as follows.

Name of the Student placed	Enrollment no.	Name of the Company	Appointment Letter reference no. with date
Mephymony	731614205006	Shinelogics Info Tech	11.01.2018
Swathi R	731614205012	Vee Technologies	26.03.2018
Vinitha K	731614205306	Vee Technologies	26.03.2018
Godson Vince Alex A	731614205002	Headrun Technologies	01.06.2018
Sownthirya M	731614205011	Headrun Technologies	01.06.2018
Nanthakumar S	731614205007	Headrun Technologies	01.06.2018
Prakash A	731614205009	Zealous Services	06.06.2018
Vijay S	731614205013	Zealous Services	06.06.2018
Rubini R	731614205305	Zealous Services	06.06.2018
Ilakkiya S	731614205004	Virtusa	28.05.2018
Pavithra S	731614205008	Hinduja Global Solutions	24.06.2018
Roshan A	731614205010	Hinduja Global Solutions	24.06.2018
Gokul Kumar B	731614205003	Acrologic Business Solutions Pvt.Ltd	27.08.2018

FACULTY ACHIEVEMENTS (100 % RESULT)

S. No.	NAME OF THE FACULTY	SUBJECT HANDLED	DEPT / YEAR / SEM
1.	Mr. M. Selvakumar	Ad hoc Sensor Networks	IT / IV / VII

FACULTY PARTICIPATION

S. No.	Name of The Faculty	Title of the Program	Type of the Program	Conducted by (Dept. and Institution)	Date
1.	Dr.G.Malathy	Health Monitoring using Internet of Things	National level Conference	SNS college of Technonolgy	28.03.2018
2.	Dr.P.Meenakshidevi Ms.M.Gowthami Mr.R.Naresh	Firewall Installation, Configuration and Development	FDP	Bannari Amman Institute of Technology,Coimbatore	23.04.2018 to 27.04.2018
3.	Dr.S.Russia Dr.G.Malathy Mr.P.Rajakumar	Problem Solving & Python Programming	FDP	Vellalar College of Engineering & Technology	23.05.2018 to 29.05.2018

STUDENTS PARTICIPATION

S. No.	Name of the Student	Year/ Sem.	Name of the Program	Date	Organized By
TECHNICAL EVENTS					
1.	M.Hakkem S.Mohanraj R.Yuvapriya V.S.Sugitha R.Janani J.Sumitha S.Sударасан T.Janani	II/IV	New India Student Championship 2018 Largest Learnathon of India	02.03.2018 & 03.02.2018	ICT Academy of Tamilnadu
2.	D.Manojkumar S.Elangovan R.Gowtham V.Thirumalairajan	III/VI	New India Student Championship 2018 Largest Learnathon of India	02.03.2018 & 03.02.2018	ICT Academy of Tamilnadu
3.	M.Sakthi Ravi Kumar S.Neshak kumar S.Mohanraj M.Hakkem	II/IV	The Geek Test	09.03.2018	Sona College of Technology, Salem

S. No.	Name of the Student	Year/ Sem.	Name of the Program	Date	Organized By
	G.Tamilarasan				
4.	G.Tamilarasan M.Hakkem S.Neshak kumar S.Mohanraj	II/IV	A-Maze-in	09.03.2018	Sona College of Technology, Salem
PAPER PRESENTATION					
1.	S.Elangovan S.DhanusyaDevi D.Manjokumar	III/VI	Dockers	22.02.2018	M.Kumarasamy College of Engineering, Karur
2.	V.Gowsikkannan R.Divya	III/VI	EyePhone	22.02.2018	M.Kumarasamy College of Engineering, Karur
3.	R. Sam Mckenzie M.Ajithkumar G.Tamilarasan	II/IV	Cloud Computing	09.03.2018	Sona College of Technology, Salem
4.	S.Neshak kumar S.Mohanraj M.Sakthi Ravi Kumar	II/IV	Internet of Things	09.03.2018	Sona College of Technology, Salem
WORKSHOP					
1.	Godson Vince Alex A Gokul Kumar B Karthik P Nanthakumar S Pavithra S Prakash A Roshan A Vijay S Swathi R Gokul K Rubini R Vinitha K	IV/VIII	Workshop on IOT using Rasberry Pi	19.12.2017 to 22.12.2017	ABE Semiconductors & KSRIET
2.	Aravind Kumar V Arun Kumar R Divagar M Elangovan S Gowsikkannan.V Ramesh.A	III/VI	Workshop on IoT using Rasberry Pi	19.12.2017 to 22.12.2017	ABE Semiconductors & KSRIET

S. No.	Name of the Student	Year/ Sem.	Name of the Program	Date	Organized By
	Rinesh.R				
3.	D.Gowri M.Janani K. Saraswathy A.Oviya	II/IV	Workshop on IoT using Rasberry Pi	02.03.2018 03.02.2018	KSRCT &IBM
4.	P.Elangovan	III/VI	Workshop on Android	01.03.2018	Sona College of Technology, Salem
PROJECT DEMO					
1.	S.Elangovan V.Gowsikkannan K.Abith John Anto	III/VI	Project Demo-Smart water monitoring and distributing system	01.03.2018	IIT -Madras

NPTEL COURSES ATTENDED

S. NO	Name of the Student	Name of the course	Duration	Grade Obtained
1.	Sakthiravikumar.M	Introduction to Internet of Things	JAN 22 - APRIL 13 12 WEEK COURSE	Successfully completed the course
2.	Janani T			Successfully completed the course
3.	Mohanraj S			Successfully completed the course
4.	Lakshmanan	Problem Solving through Programming in C	JAN 22 - APRIL 13 12 Week Course	Elite
5.	R. Janani			Course Attended
6.	Thaneeswaran Y G			Successfully completed the course
7.	Mounish G			Successfully completed the course
8.	Santhosh Kumar R			Successfully completed the course

ACADEMIC TOPPERS

S. No.	YEAR / SEM.	NAME OF THE STUDENT	GPA	RANK
1.	I/I	GOBIKA M	8.84	1
2.	I/I	LAKSHMANAN R	8.56	2
3.	I/I	NANDHINI S	8.56	2
4.	I/I	JESSICA COLLINS	8.36	3
5.	II/III	JANANI T	8.28	1
6.	II/III	JANANI M	7.96	2
7.	II/III	SWETHA S	7.96	2
8.	II/III	SARASWATHY K	7.84	3
9.	III/V	DHANUSYADEVI S	7.81	1
10.	III/V	GOWTHAM R	7.58	2
11.	III/V	SARAVANAPRIYA R	7.58	2
12.	IV/VII	MEPHYMONY	8.38	1
13.	IV/VII	M. SOWNTHIRYA	8.38	1
14.	IV/VII	S. PAVITHRA	8.09	2
15.	IV/VII	GODSONVINCEALEX A	7.90	3
16.	IV/VII	ILAKKIYA S	7.90	3

Program Outcomes (POs)

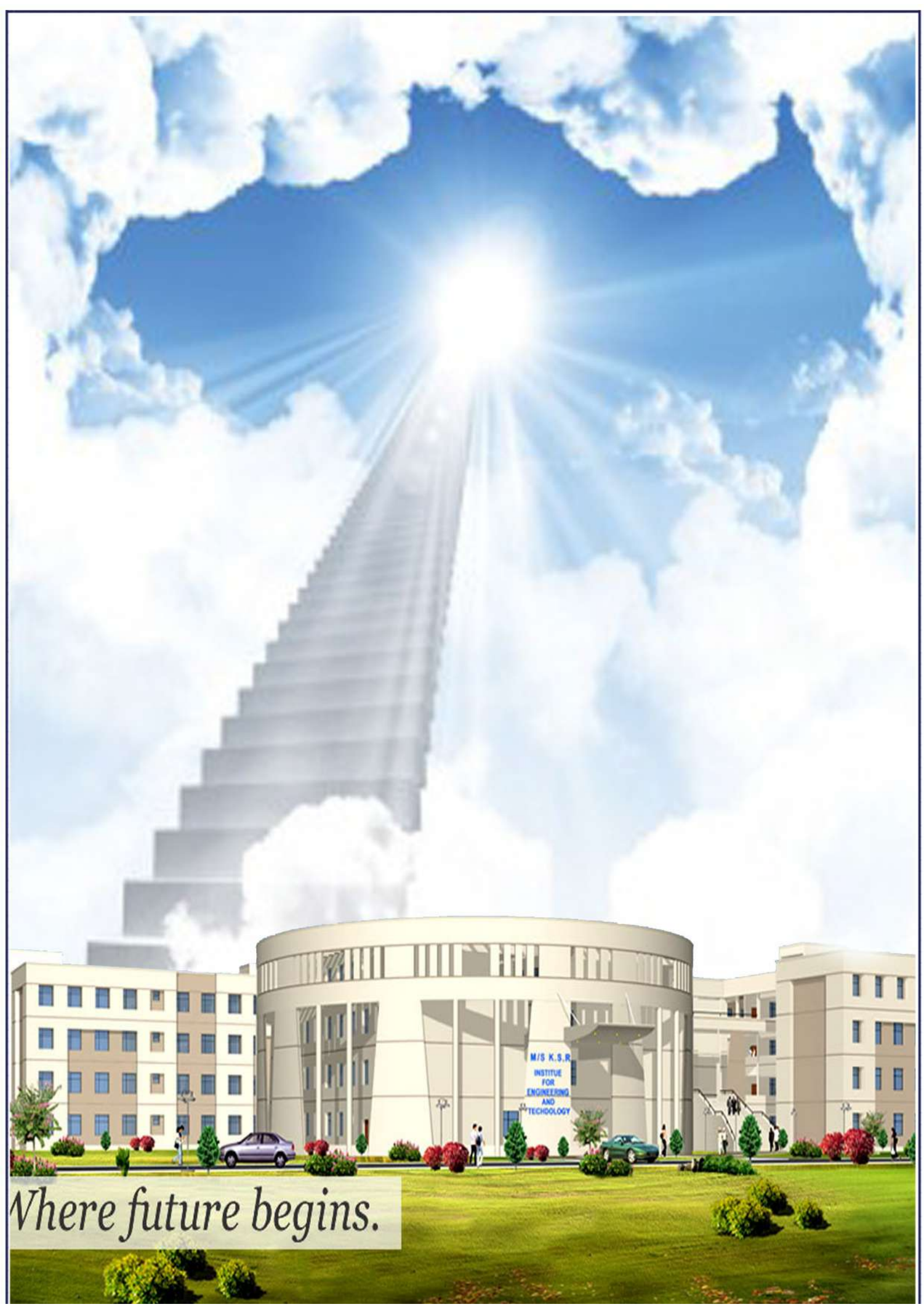
PO1	Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the IT enabled solution of complex engineering problems.
PO2	Problem Analysis: Identify, analyze and provide solutions to the problems reaching substantiated IT enabled 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.