KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

KSRIET
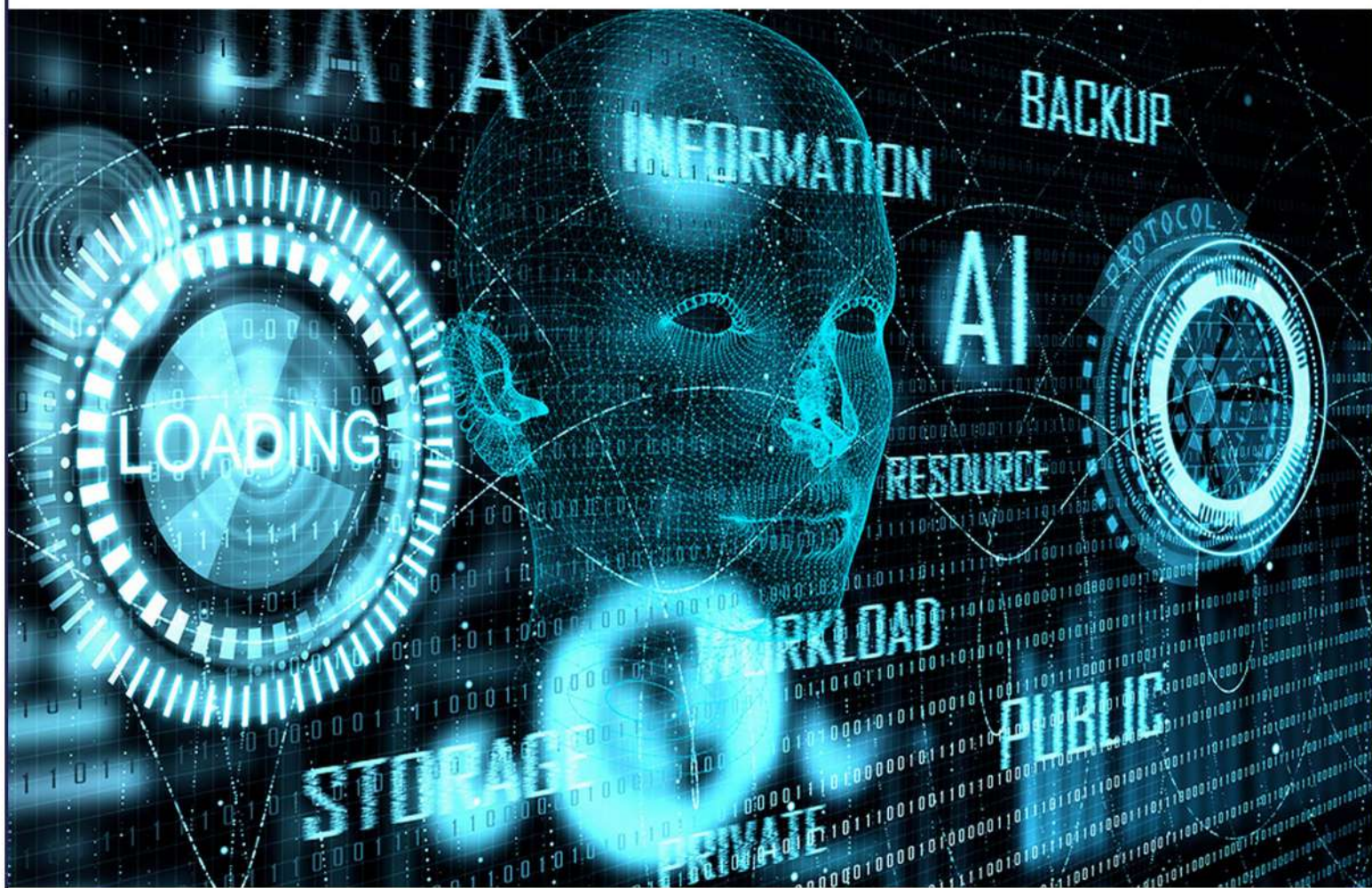WHERE FUTURE BEGINS...

TIRUCHENGODE -637 215.

DEPARTMENT OF INFORMATION TECHNOLOGY

VOLUME 4
ISSUE 1

November 2017

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

DIGITA ASSOCIATION INAUGURATION

The Department of Information Technology, KSRIET inaugurated the association of Information Technology on 05.08.2017 at 9.30am in Seminor Hall. The function was inaugurated by **Mr.S.Bhanukumar, Director, Win Vinaya Info Systems, Chennai.** *Mr.S.Bhanukumar* delivered the Inaugural Address and gave the Motivation speech to all the students.

The welcome address was given by **R.Janani, IIyear** 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 action plan for the year was delivered by secretary **M.Sownthriya, IVyear** . The chief guest introduction was given by join secretary **S.Balaji, III Year**. The introduction of office bearers was given by **Mr.M.Selvakumar,** Assistant professor, Department of Information Technology. The Information Technology association inaugural program was coordinated by **Mr.M.Selvakumar** , Assistant professor, Department of **Information Technology**.

WORKSHOP ON 'BIG DATA ANALYTICS'

The workshop on Big Data Analytics arranged for our IT students was delivered by **Mr.S.Bhanu Kumar, Director of Win Vinaya Info Systems** *at 11 AM in ECE seminar hall on 05-08-2017. Various concepts such as managing, storing and processing of Big Data, as well as analytics layer were discussed.*

For analyzing and processing the Data at maximum speed, deployment of different analytical tools and techniques to work on Big Data and Hadoop were studied and also scope, future prospects and career opportunities in Big Data Analytics were discussed.

MOCK INTERVIEW FOR INDUSTRY READINESS

The guest lecture on Keynote Address and Mock Interview for Industry Readiness arranged for our IT students was delivered by **Mr. R.Vinith , Project Engineer, Wipro** *at 10Am in ITlab-1 on 21.10.17. He briefed the students about industrial expectations of companies towards students and how they should develop their Communication and Technical Skills. This workshop was attended by all Final year and Pre-final year students of Information Technology.*

PROGRAM ORGANIZED IN ASSOCIATION WITH PROFESSIONAL CHAPTERS

Special Talk on "Marabiyalum Naveenamum" organized by ISTE was delivered by **Mr.Parthiban basakaran President, Youth Wing Tamil Heritage Foundation, Germany** *at ECE seminor hall at 10 Am on 10.11.2017. He talked about Acharya Charak's well known work "**Charak Samhita**" were the medicinal qualities and functions of 100,000 herbal plants had been written. He emphasized on the influence of diet and activity on mind and body. He correlated how spirituality and physical health contributed greatly to diagnostic and curative sciences. He also discussed about the ethical charter for medical practitioners two centuries prior to the Oath. Finally he concluded by saying Acharya Charak forever remains etched in the annals of history as one of the greatest and noblest of rishi-scientists.*

FACULTY ACHIEVEMENTS (100 % RESULT)

S. No.	NAME OF THE FACULTY	SUBJECT HANDLED	DEPT / YEAR / SEM
1	Dr.P.Meenakshidevi	Total Quality Management	IT/III/VI
2	K.G.Lavanya	Software Project Management	IT/IV/VIII
3	M.Selvakumar	Service Oriented Architecture	IT/IV/VIII
4	R.Naresh	Professional Ethics in Engineering	IT/IV/VIII
5	M.Durgadevi	Cyber Forensics	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	Ms.S.Russia Ms.R.Subapriya Ms.K.G.Lavanya	Programming & Data Structures-II	FDP	Excel Engineering college	28.05.2017 To 3.06.2017
2	Mr.M.Selva Kumar	SalesForce Trail Head	Workshop	PSG Institute of Technology and Applied Research	15.06.2017 To 16.06.2017
3	M.Soundariya P.S.Prakash Kumar	Python Programming	FDP	Sona college of technology	09.09.2017

STUDENTS PARTICIPATION

S. No.	Name of the Student	Year/ Sem.	Name of the Program	Date	Organized By
			TECHNICAL EVENTS		
1.	V.Yaksheetha M.Janani G.Priyadarshni S.Nashak kumar M.Hakkem J .Kausalya M. Karthika	II/III	Dots	30.08.2017	Erode Sengunthar Engineering College, Erode

S. No.	Name of the Student	Year/ Sem.	Name of the Program	Date	Organized By
2.	Saravana Priya R	III/V	Quiz, Debugging	01.09.2017	Sri Shanmugha College of Engineering and Technology,Tiruchengode
3.	Tamilarasan G Hakkem M Neshak kumar S	II/III	Be the Detective	20.09.2017	Mahendra Engineering College, Namakkal
4.	M.Ajith Kumar M.Sakthi Ravi Kumar S.Mohan Raj	II/III	Trend Talk	06.10.2017 07.10.2017	KGiSL Institute of Technology, Coimbatore
PAPER PRESENTATION					
1.	R.Saravana Priya	III/V	Cloud Computing	01.09.2017	Sri Shanmugha College of Engineering,Tiruchengode
2.	G.Tamilarasan S.Neshak Kumar M.Hakkem	II/III	Thought Presenter	20.09.2017	Mahendra Engineering College,Tiruchengode
3.	Yaksheetha.V	II/III	Cloud Computing	22.09.2017 & 23.09.2017	Sengunthar Engineering College, Tiruchengode
4.	G.Mani Bharathi M.Janani S.Mounika	II/III	Wireless Communication	22.09.2017 & 23.09.2017	Sengunthar Engineering College, Tiruchengode
5.	K.Saraswathy S.Indhumathi R.Yuva Priya	II/III	Sixth Sense	22.09.2017 & 23.09.2017	Sengunthar Engineering College, Tiruchengode
6.	G.Priyadharshini S.Sugitha	II/III	Cloud Computing	22.09.2017 & 23.09.2017	Sengunthar Engineering College, Tiruchengode
7.	A.Oviya M.Kartika	II/III	Artificial Vision	22.09.2017 & 23.09.2017	Sengunthar Engineering College, Tiruchengode
8.	J.Kausalya S.Sumitha	II/III	Haptic Technology	06.10.2017 & 07.10.2017	Sengunthar Engineering College, Tiruchengode
9.	R.Janani D.Gowri	II/III	Blue Brain	06.10.2017 & 07.10.2017	Sengunthar Engineering College, Tiruchengode

S. No.	Name of the Student	Year/ Sem.	Name of the Program	Date	Organized By
10.	T.Janani	II/III	Green Computing	06.10.2017 & 07.10.2017	Sengunthar Engineering College, Tiruchengode
WORKSHOP					
1.	M.Karthika G.Tamilarasan S.Neshak Kumar M.Hakkem Yaksheetha.V G.Mani Bharathi M.Janani S.Mounika K.Saraswathy G.Priyadharshini	II/III	Workshop on Next generation Cyber Weapons	05.08.2017	Karpagam College of Engineering, Coimbatore

ACADEMIC TOPPERS

S. No.	Year / Sem.	Name of the Student	GPA	Rank
1.	I / II	SAM MACKENZIE	7.6	**1**
2.	I / II	OVIYA A	7.56	**2**
3.	I / II	SARASWATHY K	7.56	**2**
4.	II / IV	DHANUSYADEVI S	7.73	**1**
5.	II / IV	DHARANI P	7.55	**2**
6.	II / IV	SARAVANAPRIYA R	7.50	**3**
7.	III/VI	MEPHY MONY	8.25	**1**
8.	III/VI	M. SOWNTHIRYA	7.92	**2**
9.	III/VI	S.PAVITHRA	7.67	**3**
10.	IV/VIII	G. KIRUTHIKA	8.83	**1**
11.	IV/VIII	A. HEMASRUTHI	8.67	**2**
12.	IV/VIII	M. HEMAPRIYA	8.50	**3**
13.	IV/VIII	T. MANIKANDAN	8.50	**3**
14.	IV/VIII	V. P. REVATHY	8.50	**3**

NPTEL COURSES ATTENDED

S.No.	Name of the Student	Duration	Year	Grade Obtained
	Name of the course : DATABASE MANAGEMENT SYSTEMS			
1.	Mounika S		II	ELITE
2.	Sam Mckenzie R			ELITE
3.	Sumitha J			ELITE
4.	Yuvapriya R			ELITE
5.	Ajith Kumar M			Successfully completing the course
6.	Gowri D			Successfully completing the course
7.	Hakkem M			Successfully completing the course
8.	Indhumathi S			Successfully completing the course
9.	Janani M			Successfully completing the course
10.	Janani R			Successfully completing the course
11.	Janani T	July 24, 2017 - September 15, 2017		Successfully completing the course
12.	Karkulazhi S			Successfully completing the course
13.	Karthika M			Successfully completing the course
14.	Kausalya J			Successfully completing the course
15.	Mani Bharathi G			Successfully completing the course
16.	Mohanraj S			Successfully completing the course
17.	Oviya A			Successfully completing the course
18.	Priyadarshni G			Successfully completing the course
19.	Sakthiravikumar M			Successfully completing the course
20.	Saraswathy K			Successfully completing the course
21.	Sugitha S			Successfully completing the course
22.	Swetha S			Successfully completing the course

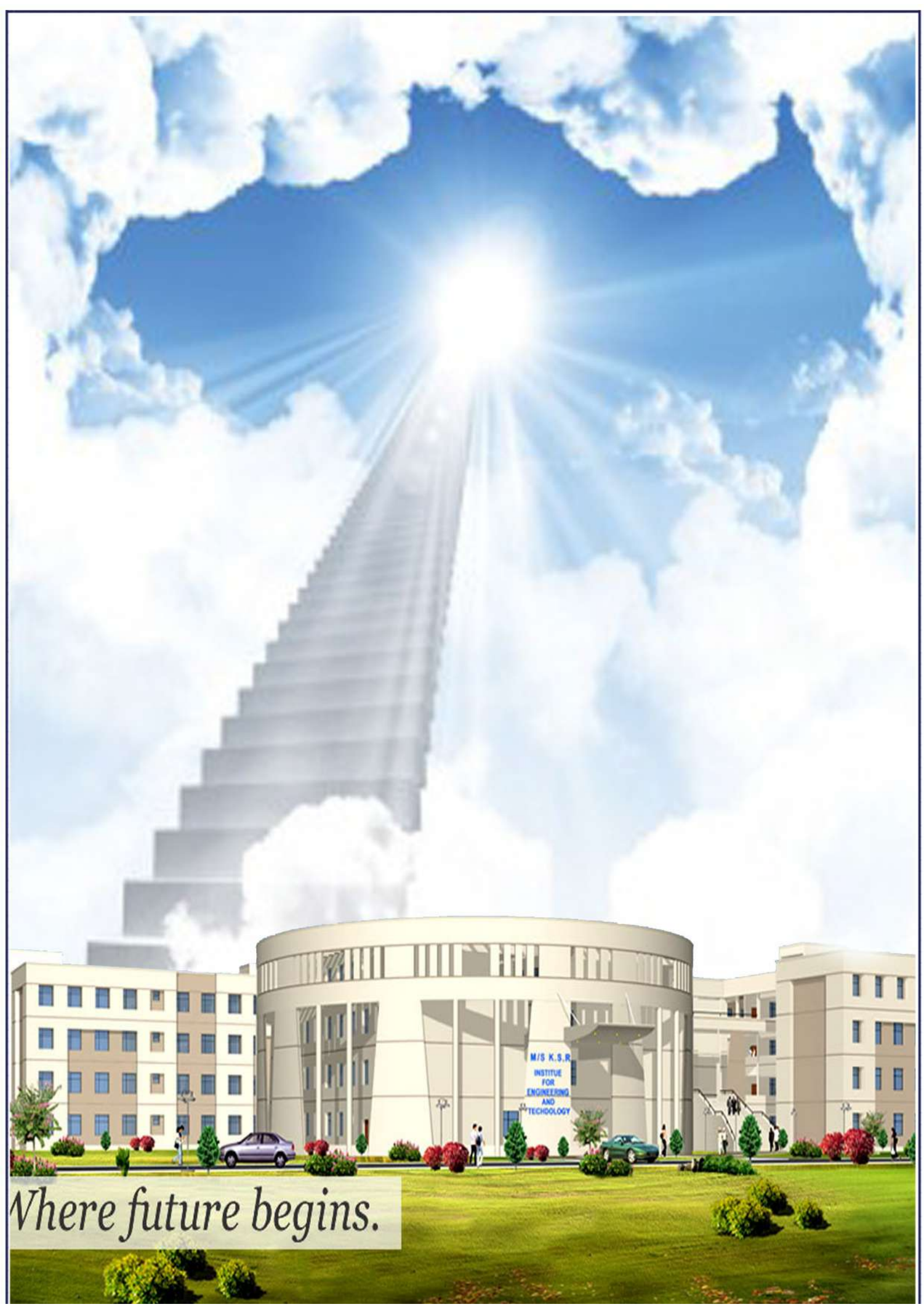| S.No.	Name of the Student	Duration	Year	Grade Obtained
23.	Tamilarasan G			Successfully completing the course
Name of the course : OBJECT ORIENTED ANALYSIS AND DESIGN				
24.	Elangovan P	July 24, 2017 - September 15, 2017	III	Successfully completing the course
25.	Ramesh A			Successfully completing the course
26.	Aravind Kumar V			Successfully completing the course
Name of the course : Cloud Computing				
27.	Gnanasekar N	August 21,2017-Oct 13, 2017	IV	ELITE
28.	Aishwarya R		III	ELITE
29.	Gowtham R			ELITE
30.	Sundaramoorthy G			ELITE
31.	Abith John Anto K			ELITE
32.	Manoj Kumar D			Successfully completing the course
33.	Rajesh kumar das			ELITE
34.	Elangovan S			Successfully completing the course

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.
INSTITUE
FOR
ENGINEERING
AND
TECHOOLOGY

Where future begins.