KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
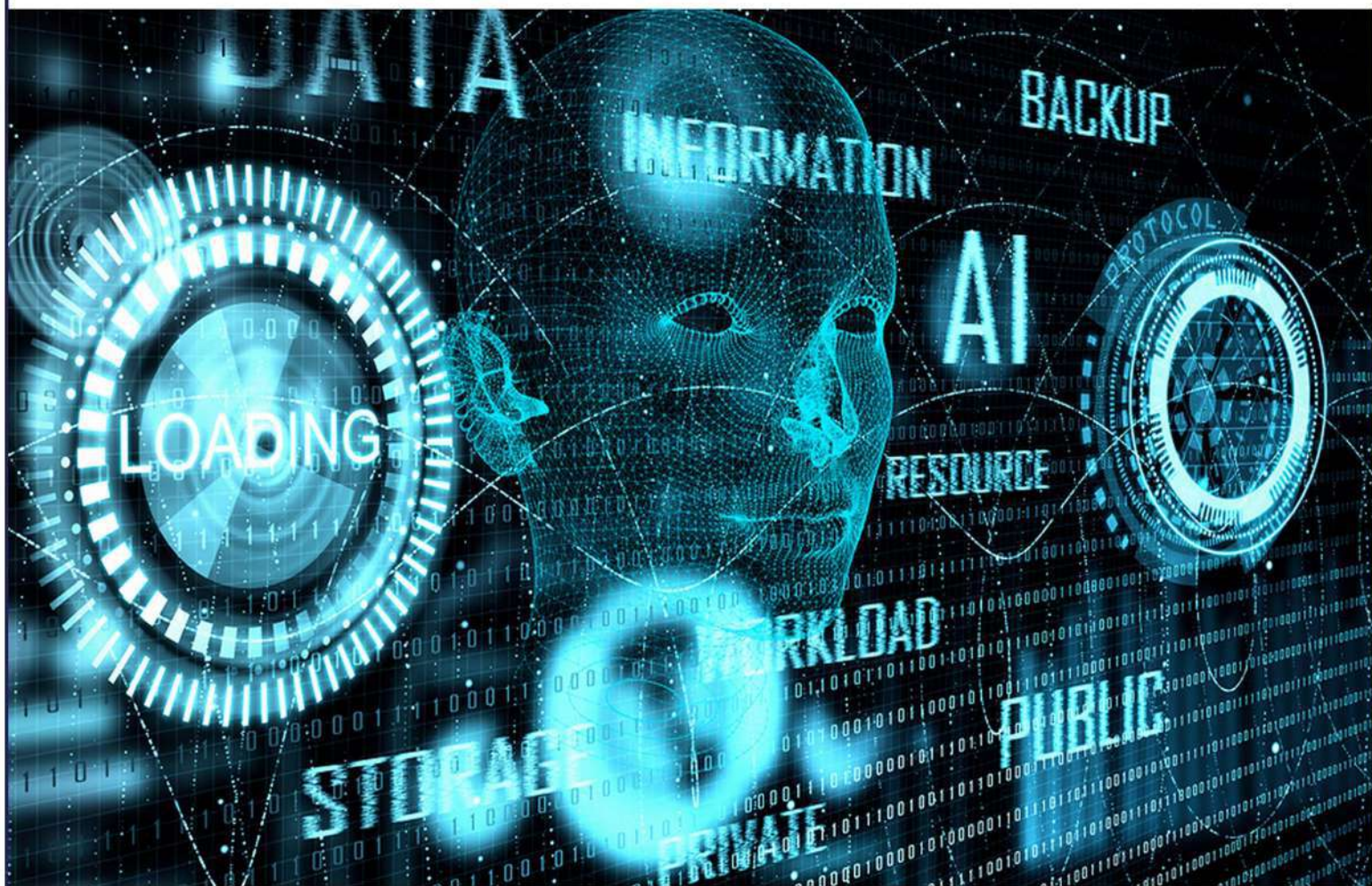
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KSRIET
WHERE FUTURE BEGINS...

DEPARTMENT OF INFORMATION TECHNOLOGY

VOLUME 3 ISSUE 2

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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

SYMPOSIUM

   Our college KSR Institute for Engineering and Technology conducted a two day national level symposium on 7th and 8th of February in 2017 in association with ICTACT, Computer society of India and ISTE. **Mr.T. Arumugam, Factory HR-Head, Kone Elevators Pvt Ltd, Chennai** *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 "**ETHICAL HACKING"**
- ❖ Technical events such as **Web Designing Jam**.
- ❖ Non technical events such as **Tech Freaks and Best manager**.

INTERNATIONAL CONFERRENCE

A one day, international conference was conducted by our institute on 17th March 2017. **Dr.A.Mahabub Basha, Professor & Director / EEE, KSRCE** *presided over the conference and motivated the students through his speech.*

WORKSHOP ON CLOUD COMPUTING

Workshop on cloud computing was conducted for students on 15th February 2017.The Workshop's aim was to make the students to get acquainted with emerging technologies such as cloud. **Mr.S.Bhanu Kumar Director, Win Vinaya Info Systems, Chennai** *presided over the workshop and guided the students. He informed the students about what exactly cloud computing means, it's implementation, applications and job opportunities for students in cloud computing.*

GUEST LECTURE ON INTERVIEW TIPS AND RESUME PREPARATION

In order to make students to get familiarized with resume preparation and attending interviews, an one day guest lecture was organized by our institute on 12th January 2017. **Ms. S.Sangeetha System Engineer, Wipro, Chennai** *handled the guest lecture and motivated the students. She told the students how they should know do research about the company and interviewers, importance of dress code, eye contact and body language and positive attitude while attending interviews. Regarding resume preparation she told the students that resume is a tool with one specific purpose that is to win an interview. She told the students about what a resume should contain and how to project it effectively.*

WORKSHOP ON DESIGN AND ANALYSIS OF ALGORITHM

A one day, national level workshop on the topic Design and Analysis of Algorithm was conducted in our institute on 11.01.2017 at the ECE seminar hall. **Mr. Aswinth Janarthnan, Lecturer, Department of Information Technology, Union Territory Diu Daman** presided over and handled the workshop. He emphasized on the importance of algorithmic problem solving approach and correlated how better algorithms lead to better coding, time and space efficiency. Further he insisted the students should develop sound knowledge in data structures during their studies which in turn will help them to analyse and create better algorithms.

SPECIAL LECTURE ON SELF ENHANCEMENT

A special guest lecture on the title Self Enhancement was arranged by our institute on 07.03.2017 in association with the professional chapter ISTE. **Mr. Jayaram Umashankar**, Corporate **trainer & consultant** officiated the gathering. He told the students that self enhancement is a psychological phenomenon that involves taking a tendentiously positive view of oneself. He added it is a type of motivation that works to not only make people feel good about themselves but also to maintain self-esteem and how this motivation becomes especially prominent in situations of threat, failure or blows to one's self-esteem.

WORKSHOP ON CROSS MOBILE CROSS PLATFORM

A two day workshop on Cross mobile cross platform was conducted on 23rd and 24th of February 2017 in association with CSI were professionals from **SAN Technologies Erode** handled the workshop and gave ideas regarding working on cross mobile platform to students.

STUDENTS PARTICIPATION

S. No.	Name of the Faculty	Class	Type of the Program	Date	Conducted by (Dept. and Institution)
TECHNICAL EVENTS					
1	M.Sownthirya	III/VI	Cod Debugging	24.08.2016	Gnanamani College of Technology, Salem
2	G.Dharani D.Sneka	II/IV	Gender and Social Barriers for women scientists and technocrats	01.03.2017	Bharathidasan University, Trichy
3	R.Saravana Priya Hemalatha G S.Priyanka G.Dharani	II/IV	EVENT-Tech Storm,Code it Ad Craze Brain Busters	03.03.2017	M.Kumarasamy College of Engineering, Karur
PAPER PRESENTATION					
4	S.Pavithra M.Sownthirya R.Divya P.Dharani S.Denmozhi S.Dhanusyadevi Aiswarya R Bhuvaneshwari S Elakkiya T M Geethanjali K Hemalatha G Hemapriya M Hema sruthi A Indira R Induja R Kamaleeswary S Kiruthika G	III/V	Paper Presentation	02.03.2017	Mahendra Engineering College for Women, Tiruchengode
5	M.Saranya Santhana Gopalakrishnan B R.Sanghavi	IV/VIII	Paper Presentation	16.03.2017	Sri Krishna College of Engineering and Technology, Coimbatore

NPTEL COURSES ATTENDED BY STUDENTS

S. No.	Name of the Student	Duration	Year	Grade Obtained
Name of the course : Programming in C++				
1	Gnanasekar N	February 20, 2017 - April 14, 2017	III	Course Attended
2	Gokul Kumar B			Course Attended
3	Ilakkiya S			Successfully completed
4	Mephymony			Successfully completed
5	Nanthakumar S			Course Attended
6	Pavithra S			Successfully completed
7	Sownthirya M			Successfully completed
8	Swathi R			Course Attended
9	Vijay S			Successfully completed
10	Gokul K			Course Attended
11	Rubini R			Course Attended
12	Vinitha K			Successfully completed
Name of the course : Programming in C++				
13	G.Dharani	February 20, 2017 - April 14, 2017	II	Successfully completed
14	G.Hemalatha			Course Attended
15	S.Priyanka			Course Attended
16	R.Saravanapriya			Successfully completed
17	M.Elankani			Course Attended
18	M.Divagar			Successfully completed
19	G.Sundaramoorthy			Successfully completed
20	P.Dharani			Course Attended
21	D.Sneka			Successfully completed
22	K.ThirumalaiRajan			Course Attended
Name of the course : Internetwork Security				
23	Roshan A	*January 23, 2017 - April 14, 2017*	III	Course Attended
24	V. Vineeth Praveen		II	Course Attended
Name of the course : Computer Architecture				
25	S.Balaji	*January 23,2017 - April 14,2017*	II	Successfully completed
26	K.Abith John Anto			Successfully completed
27	D.Manoj Kumar			Successfully completed
28	R.Gowtham			Elite

NPTEL COURSES ATTENDED BY FACULTY

SI.NO	Name of the Faculty	Name of the course	Duration	Grade Obtained
1	Dr. P.Meenakshi Devi	Programming in C++	February 20, 2017 - April 14, 2017	Topper and Elite
2	M. Soundariya			Elite
3	L. Priyanga Devi			Elite
4	S. Arun Prasath			Elite
5	S.Russia	WIRELESS AD HOC SENSOR NETWORKS	January 23, 2017 - March 17, 2017	Elite
6	M.Durga Devi			Elite
7	M.Selvakumar			Elite
8	P.S.Prakash Kumar			Elite
10	P. Rajakumar			Elite
9	R.Naresh			Successfully completed

FACULTY PARTICIPATION

S. No.	Name of the Faculty	Title of the Program	Type of the Program	Conducted by(Dept And Institution	Date
1	P.Shanmuga Priya K.G.Lavanya	Introduction to R programming	FDP	KSRCT	30.11.2016 to 1.12.2016
2	R.Subapriya. G.Malathy	Free & Open Source software	FDP	KSRCE	01.12.2016 to 05.12.2016 & 19.12.2016 to 20.12.2016
3	M.Soundariya	Compiler Design	FDP	KSRIET	15.12.2016 to 17.12.2016
4	Ms.M.Gowthami	Introduction to PHP Programming	FDP	Sri Shanmugha College of Engineering and Technology	12.12.2016 to 13.12.2016

S. No.	Name of the Faculty	Title of the Program	Type of the Program	Conducted by(Dept And Institution	Date
5	P.S.Prakash Kumar	Android APPS and Development	Co-Ordinator	Amalgam	29.01.2016 to 30.01.2016
6	M.Dhurga Devi S.Russia K.G.Lavanya S.Arun Prasath M.SelvaKumar R.Naresh P.S.Prakash Kumar M.Soundariya	Soft computing techniques	National Level Seminar	KSRCE	10.02.2017 to 11.02.2017
7	M.Dhurga Devi	Nexgen Technologies	National conference	Sengunthar Engineering college	18.03.2017
8	M.Soundariya	E-Learning Challenges and Opportunities	Workshop	Sri Krishna college of Engineering & Technology	21.04.2017
9	M.Selvakumar R.Naresh P.Rajakumar Dr. P.Meenakshi devi M.Dhurga Devi S.Russia	Data Science & Big Data Analytics	FDP	KSRIET	25.04.2017 to 29.04.2017
10	M.SelvaKumar M.Dhurga Devi	EPS	FDP	KSRIET	25.04.2017 to 29.04.2017

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	Saranya M	8.09	1
5.	II/IV	Preyadarsene P	8.05	2
6.	II/IV	Sowndharya S	7.95	3
7.	II/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	1
12.	IV/VIII	Dilshath S.G	9.50	2
13.	IV/VIII	Divya R	9.50	2
14.	IV/VIII	Karthikeyani C	9.50	2
15.	IV/VIII	Pavithra Devi E	9.50	2
16.	IV/VIII	Snegapriya R	9.50	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.

Where future begins.