



Aksharam

Volume 9 Issue 1

August 2019

A monthly newsletter

Civil



ECE



CSE

KSRM



EEE



MECH



Editorial Board

Sri K. Sivananda Reddy, Patron

Prof A. Mohan, Editor-in-chief

Dr V.S.S Murthy, Editor

Sri K. Madan Mohan Reddy, Vice chairman

Sri .K. Chandra Obula Reddy, Secretary

Sri K. Ramesh Rao (Coordinator)

Miss S. Sandhya Rani, Designer

Sri. Khader Basha

Sri K. Khasimpeera

Sri N. Radha Krishna

73 rd Independence day celebrations



Prof. A. Mohan, Director; Dr. V.S.S. Murthy, Principal; with alumni members



The teaching staff and students gathering before the flag hoisting post on Independence Day



Director A. Mohan and alumni members presenting cash prizes and merit certificates to the students for their best performance in academics

K.S.R.M. College of Engineering celebrated the Nation's 73rd Independence Day and remembered with gratitude the sacrifice of the freedom fighters. The celebration began in the college premises with the unfurling of the National flag followed by a speech with patriotic zeal and fervour by the Director Prof. A. Mohan. In the middle, merit students from all branches till III B.Tech. were awarded Cash Prizes and merit certificates for their excellent performance in academics. Alumni members attended this programme as special invitees and recollected their memories with faculty and alma mater. The programme concluded with the National Anthem, evoking the feeling of patriotism among all present.

Alumni meet held at KSRMCE

KSRM College of Engineering, a reputed institution in Kadapa, organised alumni meet for 1990 - 94 silver jubilee batch students in the college campus here on July 27. In the event, around 80 alumni students of 1990 - 94 batch who are working in different parts of the world attended the programme.

In the programme, college correspondent Sri. K Sivananda Reddy, while addressing the gathering, said that it is very happy to see 1990-94 batch students in the campus once again and asked the alumni members to contribute for college development. On this occasion, KLM College chairperson Smt. K Rajeswaramma wished the members to lead their life happily and peacefully.



*Alumni members felicitating Mr. & Mrs. Kandula
Sivannada Reddy, Correspondent of ksrnce*



*Silver jubilee batch students bestowing College
Director: Prof. A. Mohan*



*Alumni students honouring the principal with shawl and
a memento*



*Silver jubilee batch students adoring the faculty
members*



Alumni members posed a snap at the arch way of the college

TCS NQT Specific Training Program

The Training and Placement Cell in association with FACE, Coimbatore, conducted a six day TCS National Qualifier Test Specific Training Programme for the final year students of this institution from 22nd July, 2019 to 27th July, 2019. Over 133 students from all branches were participated in this Training Programme. Siddiq, Placement officer, acted as the coordinator of the event.



Students learning new concepts in the training programme

Workshop on Soft Skills and communication skills

The Training and Placement Cell organised a three day workshop on **Soft Skills and communication skills** for B.Tech V sem Students from 18/07/2019 to 20/07/2019 in association with APITA (Andhra Pradesh Information Technology Academy). Mr. K.R.J Kennedy Babu, a well known trainer, engaged the classes for three days. In this workshop, nearly 74 students from all branches of Engineering have been participated enthusiastically. Group Discussion, Just a Minute and How to crack the job interviews were covered by the expert concerned.



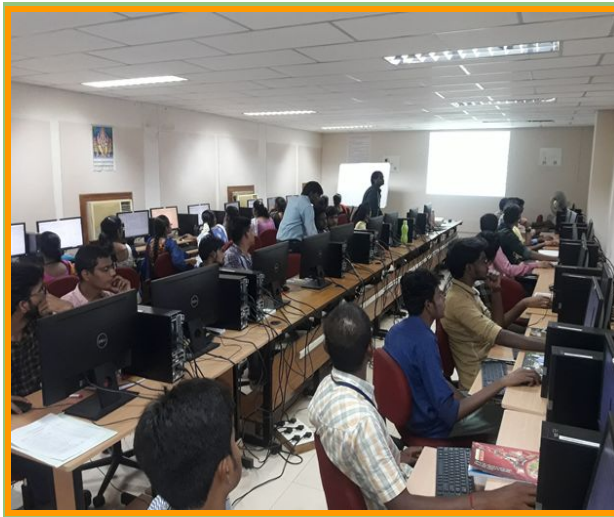
Students engaging group activities in the workshop



Sri. K.R.J Kennedy Babu, trainer of the programme, organising the activities with the students on communication skills

Workshop on Google Android app development

CRI in association with CSE Department, KSRMCE & APSSDC conducted a one week workshop on **“Google Android app development Application Development”** for 3rd B.Tech, Computer Science and Engineering Students from 22.07.19 to 27.07.19 for batch 1 students and from 29.07.19 to 03.08.19 for batch 2 students . Total 57 students (37 from batch 1 and 20 from batch 2) have been registered and completed the training programme successfully. In this workshop, students acquired knowledge on how to develop Android apps using Android Studio. Sri. S. Khaja Khizar, Asst Professor, CSE Department, acted as the coordinator for this programme.



Students learning new things on Google Android app development



Dean, Coordinator and other staff concerned,CRI with course completed students

Chandrayaan-2 gets first orbit boost around earth



The Chandrayaan-2 spacecraft, which blasted off to space on 22nd July, 2019 successfully carried out its first orbit-raising manoeuvre on Wednesday afternoon, the Indian Space Research Organisation (ISRO) said. An orbit-raising manoeuvre is an operation that places a spacecraft into a higher orbit. Engines present onboard the spacecraft are fired to perform the orbit-raising manoeuvre.

Know more about Chandrayaan-2

Chandrayaan-2 would contain three components, Orbiter, Lander (Vikram), and Rover (Pragyan) together referred to as "composite body".

Chandrayaan-2 will be injected into an Earth parking 170 x40400 km orbit. Later, it will be put on the Lunar Transfer Trajectory.

The orbit of Chandrayaan-2 around the Moon will be circularised to 100km orbit through a series of complex orbital manoeuvres with the help of thrusters.

Chandrayaan-2 launching programme was watched by Mechanical Engineering students on the screen in their seminar hall. By watching the live programme, students gained awareness on Chandrayaan -2 spacecraft. A few faculty members were also present.



Mechanical Engineering students watching live programme

Interactive session with Dr. Sreedhar Madichetty

Dr. Sreedhar Madichetty, Assoc. Prof. CRI and Post doctoral fellowship awardee, IIT, Delhi, shared his experiences and concepts on latest available tools with Heads of Engineering departments including senior faculty members on 20th July,2019 at CRI. The objective of this session is to introduce and demonstrate latest available tool - Solar PV Emulator, which is helpful for classroom instruction. Dr.Sreedhar M, encapsulated his notions through visuals on how to prepare course handouts, utilization of Microsoft Visio to draw circuits, block diagrams and graphs,Lecture video recording, and Windows Journal to write papers in journals/thesis/proposal. Further, he summarized, Maple software contents to the members attended for solving mathematical equations easily. At the end of the conclave, Dr. Sridhar, elucidated the concepts on how to control fan, tube light..etc with the help of Labview setup. Around 18 faculty members took part in this meet.



Dr. Sreedhar. Madichetty, expounding the concepts on Solar PV Emulator



Dr. M. Sreedhar interacting with Heads of Engineering departments including senior faculty members

Faculty Development Programme on Smart Micro Grid

A Five day Faculty Development Programme on **Smart Micro Grid** was inaugurated on 5th August, Monday at seminar Hall, KSRMCE. This session was graced by college director Prof. A. Mohan ; Principal Dr. V.S.S. Murthy; Assoc. Prof. Madisetty. Sreedhar; CRI Cell Dean Dr. M. Venkat Narayana and Dr. K. Amaresh, Professor and Head, EEE Department. Madisetty. Sreedhar acted as the resource person of the Faculty Development Programme.

In the inaugural session, Principal Dr. V.S.S. Murthy in his words, highlighted the importance and objectives of organizing faculty development programs. He expressed that this programme will enable all teachers to apply the new technical concepts in day to day teaching learning process.

Director Prof. A. Mohan, in his address, stated that “ we organize Faculty Development Programmes for improving the knowledge and skills of the faculty, so that they can share this knowledge with the students, and improve the teaching experience”. By inviting the top heads in the respective fields to enlighten our faculty, and it is an exhilarating experience for the lecturers, he added.

Madisetty. Sreedhar, the resource person, revealed that this five day faculty development programme on Smart Micro Grid aims to create a platform for teachers to discuss various cutting edge technologies. This will enhance the researchers and teachers to strengthen their academic and research activity. Also, it enables the participants to learn and conceptualize smart grid and microgrid technologies.

Dr. Sreedhar Madichetty, Assoc. Prof., CRI and Post doctoral fellowship awardee, IIT, Delhi, delivered a research talk on Smart Micro Grid. It was undoubtedly a stimulating speech and had received positive comments from the faculty about the quality of his presentation.

At the end of the programme, Prof. A. Mohan ; Principal Dr. V.S.S. Murthy; Assoc. Prof. Madisetty. Sreedhar; CRI Cell Dean Dr. M. Venkat Narayana have presented certificates to all the participants.



Releasing a souvenir in the inauguration session Faculty listening to the new concepts Of FDP



Interacting with the participants at the end of the session

presenting participation certificates to the faculty members



College Director Prof. A. Mohan and Principal Dr. V.S.S. Murthy, handing over appreciation certificate to the resource person

Workshop on Internet of Things

Centre for Research and Innovation (CRI, KSRMCE) Phase 1 workshop on “**Internet of Things**” was conducted in association with APSSDC for V Sem B.Tech students of CSE/ECE/EEE branches from 15-07-2019 to 29-07-2019 at CESEC. The objective of the workshop is to instil awareness in the minds of the students on how to build real time applications using Arduino kit. The lectures were delivered by Sri Sk. M. Taz Basha, Mentor, APSSDC with stand by support from CRI team. Total 143 students participated in this workshop. After completion of this workshop, students have come out with ability, which leads them to build prototype circuits using Arduino kit in solving real time applications.



Students listening to the new concepts in the workshop



Students at the end of the session with CRI team experts

Workshop on RobCAD and Solid Edge Technologies

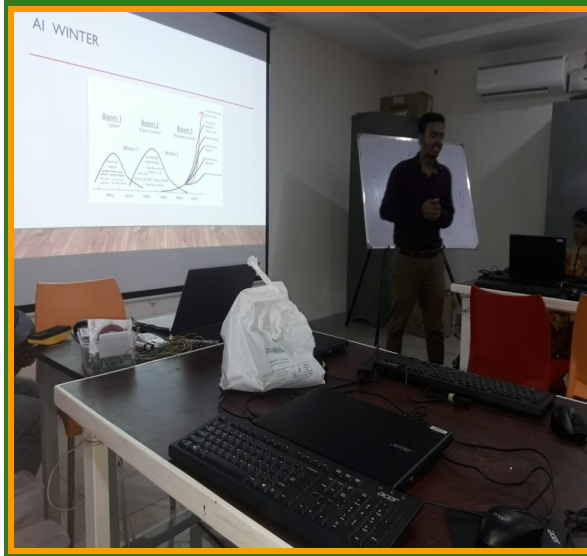
Workshop on “**RobCAD and Solid Edge Technologies**” was conducted in association with APSSDC for VII Sem B.Tech Mechanical branch students by Centre for Research and Innovation (CRI, KSRMCE) from 8-07-2019 to 20-07-2019 at Dassault lab and ME New computer lab. The objective of the workshop is to infuse awareness on how to utilize these software to design mechanical components. The lectures were delivered by APSSDC mentors with support from CRI team. After completion of this workshop, the participated students have become capable to build mechanical parts using above software applications.



Mechanical Engineering students in the workshop

Student Ted Talks at CRI

Centre for Research and Innovation (CRI) started student ted talks on 26th, July 2019 in CRI Cell. The intention of this event is to bring out students' skills and interests on ted talks. Mr. Nazeer Hussain, 169Y1A0459, VII Sem ECE A/s delivered an amazing talk on “**Artificial Intelligence**” and Mr. Sreeharsha Reddy, 189Y1A0583, III Sem CSE B/s presented another wonderful talk on “**Sophia Robot**” in the presence of four CRI faculty members and 20 students from various branches. CRI faculty members appreciated the participants and advised them to collect the information pertinent to the opted topic and prepare nice slides and videos for further presentation.



Mr. Nazeer Hussain presenting a ted talk.
to the ted talk

Students paid attention to listen

Guest Lecture on “Know your cement”

A guest lecture on **Know your cement** was organized by Civil Engineering department in the seminar hall on 26th, July 2019. Sri. P. Saibabu, General Manager, Customer Service, Zuari Cement Limited, Hyderabad graced the event as the chief guest. While addressing the students, Sri. P. Saibabu, said that Cement is very important building material among others in construction industries. It has replaced all other building materials, like clay and lime, which ruled high for hundreds of years, in construction. It has an ability to hold the structure together. Cement is now used in many construction trade items like plain cement concrete, reinforced cement concrete, mortar, plaster, grouts, paints and in precast elements. One of the characteristics of a developed country is its growing infrastructure and hence cement is an important element for the development of a country and its economy. Dr. G. Sreenivasa Reddy, Professor and Head of the department, Dr. T. Kiran Kumar and other faculty members were present.



Sri. P. Saibabu delivering a lecture

Prof. G. Sreenivasa Reddy honouring the chief guest



Civil Engineering students and faculty members assembled in the seminar hall



Memorandum of Understanding

Memorandum of Understanding (hereinafter referred to as MOU) is by and between SILOV Solution Private Limited , Technology Business Incubation Unit (TBIU), IIT, Delhi and K.S.R.M. College of Engineering , Kadapa . SILOV Solutions Pvt. Ltd. and the KSRMCE have a mutual desire to develop and execute education and research projects under this MOU. This memorandum of understanding will be effective from 10th July, 2019.



KSRMCE Signed an MOU with SILOV Solution Private Limited , Technology Business Incubation Unit (TBIU), IIT, Delhi

Guest Lecture by KSRMCE Professor at GPREC, Kurnool

Dr. T. Kiran Kumar, Professor, Civil Engineering Department, delivered a guest lecture on **“Sustainable Water Resources Management in Drought Prone Areas - A Watershed Based Approach”** at G.P.R College of Engineering in Kurnool on 15th July, 2019. This programme was organized by the Institution Of Engineers India Student’s Chapter of Civil Engineering of G.P.R.E.C, Kurnool. This lecture was highly appreciated by the audience including faculty members and students.



Dr. T. Kiran Kumar, Professor; receiving a memento from the officials, Institution Of Engineers India Student's Chapter of Civil Engineering of G.P.R.E.C, Kurnool.

"Guna369" movie team visits KSRMCE



Director A. Mohan and Principal Dr. V.S.S Murthy welcoming the cine artiste karthikeya



"Guna369" movie hero Karthikeya addressing with media in KSRMCE conference hall



Karthikeya interacting with the students in open auditorium

The Telugu movie unit of 'Guna 369' visited the KSRM College of Engineering and interacted with the students, announced the college Director A. Mohan and Principal Dr. V.S.S. Murthy, in a statement. The college principal Dr. V.S.S. Murthy, said that the film unit including hero Karthikeya and other technicians visited the college as part of the movie promotion.

Interacting with the students, film hero Karthikeya said that everyone should strive to build a better society. The students should develop leadership qualities during the student days and they should shine in several fields to become better heroes in real life. Further, he urged the students to make his present movie **GUNA 369** as a record break victory. The students and staff of the college appreciated the movie crew and wished all the best for the success of the film - **GUNA 369** on this occasion.

Dassault certification exam at CRI

(a Report by Dean, CRI)

APSSDC conducted 3d experience dassault systems global certification exam for trained internal and external ME students at Dassault systems lab from 22-7-2019 to 27-7-2019. The list of attended ME students of KSRMCE, is given below.

Current Final ME Students					
s.no	Candidate Name	Registration Number	Year	Platform Explorer	Mechanical Designer
1	C Chammireddy	169Y1A0310	4th year	PASS	PASS
2	K.Sumanth chowdary	169Y1A0319	4th year	PASS	PASS
3	M.siva Prasad reddy	169y1a0327	4th year	PASS	PASS
4	N.Karthik Reddy	169Y1A0340	4th year	PASS	PASS
5	K. Sreedhar Reddy	169Y1A0323	4th year	PASS	PASS
6	B.Chowdaiah	169Y1A0305	4th year	PASS	PASS
7	Boreddy Prasanna Kumar Reddy	169Y1A0308	4th year	PASS	PASS
8	Mansoor Syed	169y1a0362	4th year	PASS	PASS
9	Syed Usman Harooni	169Y1A0365	4th year	PASS	PASS
10	Y Yugandhar Reddy	169Y1A0370	4th year	PASS	PASS
11	SHAIK DAGGU MAHAMMAD GOUSE	169Y1A0355	4th year	PASS	PASS
12	Y.V.RAVI TEJA	179Y5A0346	4th year	PASS	PASS
13	P. Rohit kumar	169Y1A0340	4th year	PASS	PASS
14	V. SAI KRISHNA REDDY	179Y5A0345	4th year	PASS	PASS

Graduated students					
s.no	Candidate Name	Registration Number	Year	Platform Explorer	Mechanical Designer
1	Vamsi Abbireddy	159Y1A0301	Passed out	PASS	PASS
2	U.L.V.Mallikarjuna	149Y1A03D4	Passed out	PASS	PASS
3	AMBATI ANIL KUMAR	159Y1A0308	Passed out	FAIL	PASS
4	KOTTAPALLI ARUN KUMAR	159Y1A0370	Passed out	PASS	PASS
5	SRISAILAM VENU	159Y1A03C3	Passed out	PASS	PASS
6	jambarapu.krupa prasanna raj	159Y1A0358	Passed out	PASS	PASS
7	MORTHA VENUCHANDRA	159Y1A0384	Passed out	PASS	PASS
8	Bommisetty sreenu	159y1ao325	Passed out	FAIL	PASS
9	A.SREENIVASULU	169Y5A0302	Passed out	FAIL	PASS
10	BALIGALLA SIVAKUMAR	159Y1A0315	Passed out	PASS	PASS
11	THOTA SURESH	169Y5A0323	Passed out	PASS	PASS
12	C.VENKATA MOUNI SUNIL	169Y5A0305	Passed out	PASS	PASS
13	Chinta Hari Chandana	159Y1A0333	Passed out	PASS	PASS
14	N.TEJASWINI	159Y1A0387	Passed out	PASS	PASS
15	BACHU SATEESH	159Y1A0314	Passed out	FAIL	PASS
16	GUDEME NIKHIL CHAND	159Y1A0350	Passed out	PASS	PASS
17	SHINDE KALYAN KUMAR	149Y1A03C2	Passed out	PASS	PASS
18	S.LAKSHMI KANTH	159Y1A03A7	Passed out	PASS	PASS

Current Final ME students:

S.No.	College Name	Dassault certification	
		Platform explorer(PASS)	Mechanical design (PASS)

1	KSRM	14 out of 14	14 out of 14
---	------	--------------	--------------

Passed out ME students:

S.No.	College Name	Dassault certification	
		Platform explorer(PASS)	Mechanical design (PASS)
1	KSRM	14 out of 18	18 out of 18



Attended ME students with mentors after the completion of the exam



1. Sri. K Khasimpeera, Asst. Professor, H & S Department, has published a manuscript entitled "**Perception of gold loan-borrowers in kadapa town, Andhra Pradesh**".Volume : 5

Issue : 4, Page Number : 137-139, July-Aug,2019 in the International Journal of Humanities and Social Science Research

2. Dr. M. Sugunatha Reddy, Professor, H & S Department, has published a manuscript entitled "**Perception of gold loan-borrowers in kadapa town, Andhra Pradesh**".Volume : 5 Issue : 4, Page Number : 137-139, July-Aug,2019 in the International Journal of Humanities and Social Science Research.

3. Sri. U.pradeep Kumar Asst.Professor, Mechanical Engineering Department, has Participated in TEQIP 1.3 Sponsored a five day workshop on "**Processing & characterization of Metal Matrix Composites**" from 15th to 19th july 2019 at B.J.C Institute, Chickballapur, KARNATAKA.

4. Dr D.Ravikanth, Professor and Head, & Mrs P. Meramma, Asst. Professor, Mechanical Engineering Department, have Published a paper in a conference on "**A Novel Approach for Multi Objective Optimization of End Milling Using Grey-ANFIS Method**" in 3rd International conference on recent trends & innovations in mechanical engineering ,15th &16th March 2019, E-ISSN:2321-9637.

5. Sri.V.Ramesh Babu, Asst. Professor, Civil Engineering Department, has published a paper entitled **An Experimental Study On the Effect Of Random Inclusion Of Sisal Fibre On StrengthBehaviour of Expansive Soilsy** in SPJMR Journal,Pune, India Volume 9 Issue 1, January,2019.

6.Sri.V.Ramesh Babu, Asst. Professor, Civil Engineering Department, has published a paper entitled **An Investigational Report On causes, Effects And Methods For Minimizing Delays In Construction Projects** in SPJMR Journal,Pune, India Volume 8 Issue 1, January,2019.

Let freedom never perish in your hands.

Happy
Independence Day



The End