

KSR INSTITUTE FOR ENGINEERING
AND TECHNOLOGY



DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT **N**EWSPLETTER

VOLUME 3 ISSUE 1

ACADEMIC YEAR 2016-2017

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Vision

To become a globally recognized Institution in Engineering Education, Research and Entrepreneurship.

Mission

IM1	Accomplish quality education through improved teaching learning process
IM2	Enrich technical skills with state of the art laboratories and facilities
IM3	Enhance research and entrepreneurship activities to meet the industrial and societal needs

DEPARTMENT OF MECHANICAL ENGINEERING

Vision

To produce globally recognized Mechanical Engineers and Entrepreneurs to meet the industrial challenges with ethical values.

Mission

DM1	Impart quality education in Mechanical Engineering through enhanced teaching learning process.
DM2	Provide platform to apply and analyze the engineering concepts with state of the art laboratories.
DM3	Augment the technical knowledge among students and faculty members through research activities to meet industrial and societal needs.

Program Educational Objectives (PEOs)

PEOs	Keywords	Description
PEO1	Core Competency	Graduates will adopt technological changes in core and allied areas of Mechanical Engineering.
PEO2	Professionalism	Graduates will have leadership quality with soft skills to excel in their professional career.
PEO3	Higher Studies and Entrepreneurship	Graduates will evoke interest in higher education and develop entrepreneurial attitude for ever changing industrial and societal environment.

CHAIRMAN MESSAGE



Lion Dr. K.S. Rangasamy, MJF
Founder-Chairman, K.S.R. Group

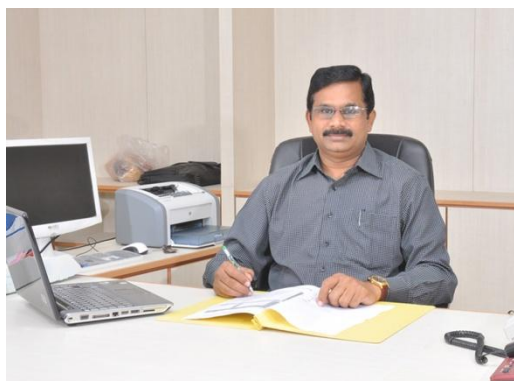
Greetings! I welcome you all whole heartedly to our institution. The K.S.R. Institute for Engineering and Technology as started with the aim of imparting quality education to all. We give top priority to discipline and knowledge. The Institution provides the necessary infrastructure and a team of qualified and motivated faculty all under one roof of the student community. We have created an excellent educational atmosphere. Added to this to encourage sports activities among the students, we are offering a modernized environment suited to international standards. Our placement cell is well associated with industry and has an excellent track record. We warmly welcome the young aspiring students to be a part of us while learning, and pass out successfully as valuable citizens. We assure that your stay at KSR institutions and your study here will be pleasant experience. Hoping to meet you in person.

SECRETARY MESSAGE

Engineers play the most vital and important role in nation building. They create new inventions using best engineered technologies to make human life more comfortable, secure and productive. In modern times, nations which have rich engineering and experienced management domains are flourishing economically and are providing better lives to their people. We have excellent potential to grow in diversified areas and excel in engineering and management fields. We need enormous number of engineers and managers to write next story of success. The essence of engineering and management education which has spread in India is a very positive sign not only to cater domestic needs but provide man power to the entire world and become biggest technically trained community. KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY is a venture contributing to this endeavour. We started with full force to play a leading role in providing quality education and careers. We have identified the needs of modern engineering, technology and management education for modern age students, with a vision and mission accompanying transparency, accountability and accessibility which keeps us abreast and also ahead of our competitors.



Thiru R. Srinivasan, B.B.M., M.I.S.T.E.,
Managing Trustee



DR. M.VENKATESAN M.E., Ph.D.
PRINCIPAL
KSR INSTITUTE FOR ENGINEERING AND
TECHNOLOGY

In today's technological world, every aspiring engineer comes to the college with great dreams of excelling the roles of Team Player, Team leader and eventually becoming an industrial leader. We at KSRIET take care of the physical and intellectual needs of the students with a well qualified and dedicated team of faculty members in Department of Mechanical Engineering. Our competent team of staff members support our students to achieve emotional stability by exposing them to personality development & Career advancement programs. Understanding the responsibility, let us all work together to create a new and better livable world by learning good practices at KSRIET and implementing them in an ethical way.

I wish you a very happy and academically highly rewarding student life in Mechanical Department of KSRIET and hope that you will be your good deeds enhance the pride and prestige of this prestigious institution.



DR. P.MURUGESAN M.E., Ph.D.
HEAD OF THE DEPARTMENT
MECHANICAL

A warm and affectionate welcome from the Department of Mechanical Engineering at KSRIET. Mechanical Engineering is a professional Engineering discipline that deals with the design, construction and maintenance of the physical and naturally built environment.

Our Department has a team of qualified and experienced faculty and staff members and we are striving hard continuously to improve upon the quality of education and to maintain its position of leadership in engineering and technology. We always work with the motto "Nothing can be achieved without genuine effort". The core values of the Department help the student to develop their overall personality and make them worthy technocrat to complete and work at global level. Our Department has been conducting seminar/conference since its beginning to keep the faculty and students abreast with the latest developments in the field of technical education.

I am certain that our students will prove to be an invaluable asset to an organization.

EDITORIALS



- KSR Institute for Engineering and Technology is on its 6th year. Being the pioneers in Engineering Education, our chairman, Lion Dr. K.S. Rangasamy, always wanted the Institution to be a model institution and working towards it.
- In this year of release, the editorial board cordially records its gratitude and indebtedness to the management for these novel practices.
- With congratulation to the outgoing engineers, we wish the students for a successful ensuring academic year. I expect more cooperation and commitment from the students which will eventually lead them for a better future.

EDITORIAL BOARD

CHIEF PATRON

Lion K.S.RANGASAMY
(Founder & Chairman)

PATRONS

Thiru R.SRINIVASAN
(Managing Trustee)
Dr. M. VENKATESAN
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STUDENT EDITOR

Sasikumar J (IV - Mech)
Arun A R (III - Mech)
Vignesh M(II - Mech)

CONTENT:

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- ✚ INDUSTRIAL VISIT
- ✚ ALUMINI CORNER
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- ✚ GO – KART CONTEST

ASSOCIATION ACTIVITIES

SMART Association Inauguration

Date: 22.08.2016



Resource Person

Dr. M. Rajesh Rangarathinam

Product Manager, ZOH0 Corporation-

Chennai

Date : 20.12.2017

Program co-ordinator:

Mr.M.Sathish Kumar

A/P, KSRIET



INDUSTRIAL VISIT

S.No	Date of Visit	Company Name	Students Strength	Area of visit
1.	22.07.16	HMT Machine Tools	125 II Year	Manufacturing
2.	23.07.16	Anna Aluminium Pvt Ltd	47 III Year	Manufacturing
3.	22.07.16	Hydro Electric Power Plant	91 IV Year	Power generation

INPLANT TRAINING

S.No.	Name and Address of the Industry	Number of Students Attended IPT	Domain Area
1	Chandru Machine tools 273/2C, Katpadi to Gudiyattam Road, Pillandipatti Village, Katpadi Taluk, Vellore (Dist)	10	Manufacturing
2	Thermal power station, Mettur	5	Thermal
3	Southern Railway, Diesel Loco Shed, Chennimalai Road, Erode-638002	9	Thermal
4	Steel Authority of India Ltd Salem,	10	Manufacturing
Total number of students attended		34	

ALUMINI CORNER

Alumni meet is a gathering of passed out students of an institution and it is a place where the institution feels proud on seeing its successful alumni. During their meet, the alumni community shares their experience in the outside world, which they faced after stepping out of the institution. The meet also creates a platform to identify the colleges most distinguished alumni.



1

Shankaranarayanan S**Entrepreneur****Date Of Visit:****11.01.2016**

He gave his priceless motivational speech and interacted with the students.

2

KP.Chithaarth**Sanmar-Chennai****Date Of Visit :****17.01.2016**

He motivated the students and also gave a piece of advice about "How to survive in this modern world".

VALUE ADDED COURSES

Value Added Courses are conducted inside our campus to enhance the skill of our students

Course Name: Solid Works

Conducted by: Dr.A.Madeswaran

United CAD Solutions-Salem

Course Duration: 60 HRS (jul 2016-nov 2016)



ASSOCIATION ACTIVITIES

SMART Association is the platform where the students can show their extra-curricular activities.

**CONDUCTED BY:**

SMART Association

TITLE OF PROGRAMME:

CAD Model

Resource Person

Mr.P.Manikandan

AP/Mech, KSRIET

DATE: 20.07.2016

Conducted By:

SMART Association

Title of Programme:

Model Master

Resource Person

Mr.P.Chakravarthi

AP/Mech,KSRIET

DATE: 11.08.2016



STUDENTS PARTICIPATION

Sl. No.	DATE	NAME OF THE STUDENT	TITLE OF THE EVENT	ORGANIZED INSTITUTION
1.	11-08-16	Venugopal V	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
2.	11-08-16	Vigneshwaran B	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
3.	11-08-16	Vishwanathan MS	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
4.	11-08-16	Vigneshwaran K	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
5.	11-08-16	Venkatesh S	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
6.	11-08-16	Tamilselvan S	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
7.	11-08-16	Vignesh D	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
8.	11-08-16	Venkadesh S	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
9.	11-08-16	Srinivasan P	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore

Sl. No.	DATE	NAME OF THE STUDENT	TITLE OF THE EVENT	ORGANIZED INSTITUTION
10.	11-08-16	Mohamedsirajdheen A	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
11.	11-08-16	Sridhar K	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
12.	11-08-16	Nainar Mohammed S	Research in composite materials and welding technology – National level workshop	Sri Krishana College of Engg and Tech- Coimbatore
13.	24-08-16	Aravindharaj S	Gnan Whizkid2k16	Gnanamani Colloge of Technology- Namakkal
14.	27-08-16	Ajith Kumar T	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
15.	27-08-16	Arul Prakash P	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
16.	27-08-16	Jagan Babu S	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
17.	27-08-16	Harish V	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
18.	27-08-16	Gokul Prasath L	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
19.	27-08-16	Hariharasudan S	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
20.	27-08-16	Karthikeyan S	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
21.	27-08-16	Dinesh SV	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore

Sl. No.	DATE	NAME OF THE STUDENT	TITLE OF THE EVENT	ORGANIZED INSTITUTION
22.	27-08-16	Dinesh Kumar M	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
23.	27-08-16	Goplalakrishanan S	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
24.	27-08-16	Vignesh D	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
25.	27-08-16	Venugopal V	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
26.	27-08-16	Logesh A	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
27.	27-08-16	Praveen J	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
28.	27-08-16	Tamilmani P	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
29.	27-08-16	Sridhar K	Advancements in brakes system & design and simulation- Workshop	Government College of Technology - Coimbatore
30.	27-08-16	Chandru N	Aerodynamics Workshop	The Kavery Engineering College- Erode
31.	27-08-16	Suriyanarayanan R	Aerodynamics Workshop	The Kavery Engineering College- Erode
32.	27-08-16	Venkatesh P	Aerodynamics Workshop	The Kavery Engineering College- Erode
33.	27-08-16	Yogesh Kumar R	Aerodynamics Workshop	The Kavery Engineering College- Erode
34.	27-08-16	Ragu P	Aerodynamics Workshop	The Kavery Engineering College- Erode
35.	29-08-16	Madhanbabu R	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
36.	29-08-16	Poovarasana S	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore

Sl. No.	DATE	NAME OF THE STUDENT	TITLE OF THE EVENT	ORGANIZED INSTITUTION
37.	29-08-16	Nandha Kumar P	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
38.	29-08-16	Logesh M	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
39.	29-08-16	Mathan Kumar S	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
40.	29-08-16	Mithun Chakravarthy G	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
41.	29-08-16	Prakash Raj T	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
42.	29-08-16	Meiprakash K	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
43.	29-08-16	Mohanraj R	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
44.	29-08-16	Prabhakarn S	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
45.	29-08-16	Sridhar K	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
46.	29-08-16	Siva S	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
47.	29-08-16	Nainar Mohammed S	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore
48.	29-08-16	Raghul Kumar K	Challenges and trends in development of welding consumables- Workshop	PSG College of Technology - Coimbatore

GO – KART CONTEST

Event name : Central Superkarting Contest

Place: Mahakal Group of Institution (MIT), Ujjain

Prize: 3rd Prize

Team Name: **THE MOGULS**, Department of Mechanical Engineering, KSRIET

Date: July, 2016



The Galaxy of K.S.R. Educational Institutions

K.S.Rangasamy college of Technology
K.S.R. Institute of Dental Science and Research
K.S.R.College of Engineering
K.S.R.Institute For Engineering and Technology
K.S.Rangasamy College of Arts & Science
K.S.Rangasamy College of Arts & Science for Women
K.S.Rangasamy Institute of Technology
K.S.R. Polytechnic College

K.S.R. College of Education
K.S.R. Matriculation Higher Secondary School
K.S.R. Industrial Training School
K.S.R. Akhsara Academy
Rajammal Rangasamy I.T.I.
Rajammal Rangasamy Teacher Training Institute
Rajammal Rangasamy Higher Secondary School
Avvai K.S.R. Matriculation School

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