

**KSR INSTITUTE FOR ENGINEERING
AND TECHNOLOGY**



Department of Mechanical Engineering

DEPARTMENT NEWSLETTER

VOLUME 2

ISSUE 1



ACADEMIC YEAR 2015 - 2016

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 5th 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)

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(Managing Trustee)
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Sasikumar J (III - Mech)
Arun A R (II - Mech)



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WORKSHOP

Programme Name :

**Advancement in CNC training & Hands on
Training in CNC Turning Centre**

Date: 28.7.2015 & 29.7.2015

Resource Person

Mr.S.Saravanan

Senior Engineer, LMW

Mr.D.Thulasiram

Senior Manager, LMW



He clearly explains about the operations of computer numerical controls and its applications.

FACULTY DEVELOPMENT PROGRAM**Two days faculty development program on
“Engineering Mechanics “****Date : 17th & 18th DEC 2015****Resource Person**

Mr. R. Kumaravelan

Prof & Head/Mech

Vellalar College of Engineering



ASSOCIATION ACTIVITIES

Programme Name :
Association Inauguration
24.07.2015

Co-ordinator :
Mr.S. Balamurugan
AP/Mech, KSRIET

**Resource person**

Jc.R.Venkatasubramaniam,
Manager HR,
Ashok Leyland – Hosur

Mr.S.Naresh,
Assistant Manager – Design
Titan Company Ltd., - Hosur

Programme Name :

Decide your destiny

Resource Person

Mr.K.Parivallal

Director, DMW CNC Solution, Erode

Date : 12.08.2015



VALUE ADDED COURSE

Programme Name : SolidWorks

Resource Person

Dr.A.Madeswaran

United CAD Solutions, Salem

July 2015 – Sep2015



NATIONAL LEVEL TECHNICAL SYMPOSIUM 2K'15

Spring Fest 2K'15

20.08.2015 & 21.08.2015

Resource Person

Mr.S.Banukumar

Enterprise IT consultant

Cloud infera



GUEST LECTURE

Programme Name :

**Design of primary Side equipments for
Nuclear Islands**

Resource person

Mr.M.Arunkumar,

Product Engineer,

BHEL, Trichy

Date : 06.8.2015



STUDENT PARTICIPATION

| Sl.No . | DATE | NAME OF THE STUDENT | TITLE OF THE EVENT | ORGANIZED INSTITUTION |
|------------|------------|------------------------|-----------------------|---|
| 1 | 05-06-2015 | Karthickraja K | Workshop | Dr.B.R. Ambedkar Institute of Technology |
| 2 | 05-06-2015 | Dhilipkumar R | Workshop | Dr.B.R. Ambedkar Institute of Technology |
| 3 | 05-06-2015 | Ayyappan G | Workshop | Dr.B.R. Ambedkar Institute of Technology |
| 4 | 05-06-2015 | Sivakumar K | Workshop | Dr.B.R. Ambedkar Institute of Technology |
| 5 | 05-06-2015 | Nijanthan N | Workshop | Dr.B.R. Ambedkar Institute of Technology |
| 6 | 05-06-2015 | Gowtham P | Workshop | Dr.B.R. Ambedkar Institute of Technology |
| 15 | 13-01-2015 | Sarathkumar T | CAD Modelling | Maharashtra Institute of Technology Maharashtra |
| 16 | 13-01-2015 | Santhoshkumar V | CAD Modelling | Maharashtra Institute of Technology Maharashtra |
| 17 | 13-01-2015 | Rajshankar M | Paper Presentation | Maharashtra Institute of Technology Maharashtra |
| 18 | 13-01-2015 | Selvakumar N | Paper Presentation | Maharashtra Institute of Technology Maharashtra |

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

SINCE 1984



K.S.R Institute for Engineering and Technology