

KSR INSTITUTE FOR ENGINEERING
AND TECHNOLOGY



DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT **N**EWLETTER

VOLUME 4 ISSUE 1

ACADEMIC YEAR 2017-2018

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.

NEWSLETTER

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.

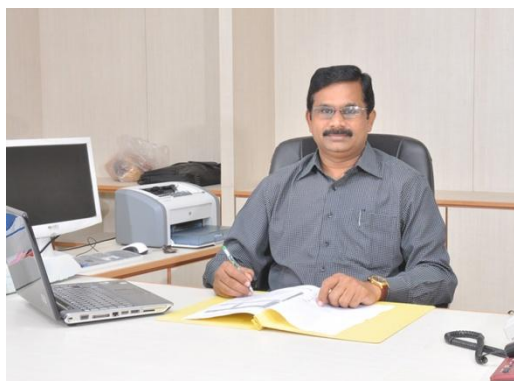
SECRETARY MESSAGE

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 7th 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
(Principal)

CHIEF EDITOR

Prof. Dr. P.MURUGESAN, HOD/Mech

ASSOCIATE EDITOR

Dr. M.RAJARAM NARAYANAN, Prof/Mech

STUDENT EDITOR

Manikandan.p, (IV-Mech)
Logesh.S,(III-Mech)
Karuppaiah.K,(II-Mech)



CONTENT



ASSOCIATION ACTIVITIES



INDUSTRIAL VISIT / INPLANT TRAINING



ALUMINI CORNER



GO – KART



MERF TALK



STUDENT PARTICIPATION

ASSOCIATION ACTIVITIES**SMART Association Inauguration****Date: 28.08.2017****Event Name: Model Master****Resource Person :**

Dr. M. Rajaram Narayanan

Professor/ Mech, KSRIET

Date : 20.12.2017



INDUSTRIAL VISIT

S.No	Date of Visit	Company Name	Students Strength	Area of visit
1.	14.07.17	Anna Aluminium Pvt Ltd	84 II Year	Manufacturing
2.	14.07.17	RPG Cables	116 III Year	Manufacturing
3.	14.07.17	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	Siva Co-operative Sugar Mills Ltd.,	6	Manufacturing
2	Mettur Thermal Power Station	13	Thermal
3	Tamilnadu newsprint and Papers Limited	12	Manufacturing
4	JSW Steels	12	Manufacturing
Total number of students attended		43	

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

Ashok kumar S

**Operational Energy
Groups Pvt Ltd, Chennai**

3

Mr.Mohammed Sirajudeen

Wipro, Chennai

2

Ayyappan G

**Panacea Medical Technology
Pvt Ltd, Bangalore**

4

Sureshkumar V

Ashok Leyland, Hosur

GO – KART CONTEST

Event Name: Builders karting Champion (BKC)

Place: Erode

Award: (i) Overall Runner (Rs. 15,000)

(ii) Best Skid pad Award

(iii) Best Innovation Award



MERF TALK

Faculty are enriching and sharing their knowledge through MERF Talk.

STUDENT PARTICIPATION

Sl. No.	DATE	NAME OF THE STUDENT	TITLE OF THE EVENT	ORGANIZED INSTITUTION
1.	28-07-2017	Yogesh T	Quiz	K S R College of Engineering-Tiruchengode
2.	28-07-2017	Yogesh T	THROTTLE 2K17-Paper Presentation	K S R College of Engineering-Tiruchengode
3.	28-07-2017	Vasanthakumar P	THROTTLE 2K17-Paper Presentation	K S R College of Engineering-Tiruchengode
4.	21-08-2017	Naveenkumar M	Dismantling and assembly of IC engines-workshop	Sri Krishna College Of Engineering And Technology- Coimbatore
5.	21-08-2017	Loganathan K	Dismantling and assembly of IC engines-workshop	Sri Krishna College Of Engineering And Technology- Coimbatore
6.	21-08-2017	Ragu S	Dismantling and assembly of IC engines-workshop	Sri Krishna College Of Engineering And Technology- Coimbatore
7.	21-08-2017	Ramkumar M	Dismantling and assembly of IC engines-workshop	Sri Krishna College Of Engineering And Technology- Coimbatore
8.	21-08-2017	Karthick R	Dismantling and assembly of IC engines-workshop	Sri Krishna College Of Engineering And Technology- Coimbatore
9.	21-08-2017	Omadhavan B	Dismantling and assembly of IC engines-workshop	Sri Krishna College Of Engineering And Technology- Coimbatore
10.	21-08-2017	Palanisamy R	Dismantling and assembly of IC engines-workshop	Sri Krishna College Of Engineering And Technology- Coimbatore
11.	21-08-2017	Mohanprabhu K	Dismantling and assembly of IC engines-workshop	Sri Krishna College Of Engineering And Technology- Coimbatore

Sl. No.	DATE	NAME OF THE STUDENT	TITLE OF THE EVENT	ORGANIZED INSTITUTION
12.	21-08-2017	Madhankumar M	Dismantling and assembly of IC engines-workshop	Sri Krishna College Of Engineering And Technology- Coimbatore
13.	24-08-2017	Naveenkumar N	Barnstromz2k17-Paper Presentation	Hindustan Institute Of Technology-Coimbatore
14.	24-08-2017	Manikandan G	Barnstromz2k17-Paper Presentation	Hindustan Institute Of Technology- Coimbatore
15.	30-08-2017	Surendhar T	Mechnofest2k17-Paper Presentation	Maharaja Engineering College- Avinashi
16.	30-08-2017	Prasanth R	Mechnofest2k17-Paper Presentation	Maharaja Engineering College
17.	30-08-2017	Nanthagopal S	Mechnofest2k17-Paper Presentation	Maharaja Engineering College- Avinashi
18.	30-08-2017	Parthasarathy R	Mechnofest2k17-Paper Presentation	Maharaja Engineering College- Avinashi
19.	30-08-2017	Yogesh T	Mechnofest2k17-Paper Presentation	Maharaja Engineering College- Avinashi
20.	30-08-2017	Vasanthakumar P	Mechnofest2k17-Paper Presentation	Maharaja Engineering College- Avinashi
21.	30-08-2017	Yogesh T	Workshop	Maharaja Engineering College- Avinashi
22.	30-08-2017	Nandhagopal S	Workshop	Maharaja Engineering College- Avinashi
23.	30-08-2017	Prasanth R	Workshop	Maharaja Engineering College- Avinashi
24.	30-08-2017	Udhayakumar	Workshop	Maharaja Engineering College- Avinashi
25.	30-08-2017	Vasanthakumar P	Workshop	Maharaja Engineering College- Avinashi
26.	30-08-2017	Ranjithkumar G	Workshop	Maharaja Engineering College- Avinashi

Sl. No.	DATE	NAME OF THE STUDENT	TITLE OF THE EVENT	ORGANIZED INSTITUTION
27.	30-08-2017	Yogesh T	Technical Quiz	Maharaja Engineering College- Avinashi
28.	30-08-2017	Sanjaykumar S	Technical Quiz	Maharaja Engineering College- Avinashi
29.	30-08-2017	Prasanth R	Technical Quiz	Maharaja Engineering College- Avinashi
30.	30-08-2017	Nandhagopal S	Technical Quiz	Maharaja Engineering College- Avinashi
31.	30-08-2017	Ranjithkumar V	Technical Quiz	Maharaja Engineering College- Avinashi
32.	30-08-2017	Udhayakumar M	Technical Quiz	Maharaja Engineering College- Avinashi
33.	31-08-2017	Vasanth S	Application of mathematical modeling and simulation in engineering problems- National level workshop	Muthayammal Engineering College - Rasipuram
34.	31-08-2017	Thamotharan J	Application of mathematical modeling and simulation in engineering problems- National level workshop	Muthayammal Engineering College - Rasipuram
35.	31-08-2017	Sowndhar A	Application of mathematical modeling and simulation in engineering problems- National level workshop	Muthayammal Engineering College - Rasipuram
36.	31-08-2017	Vignesh V	Mathematical modeling & simulation in engineering problems- National level workshop	Muthayammal Engineering College - Rasipuram

Sl. No.	DATE	NAME OF THE STUDENT	TITLE OF THE EVENT	ORGANIZED INSTITUTION
37.	31-08-2017	Saranraj S	Application of mathematical modeling and simulation in engineering problems- National level workshop	Muthayammal Engineering College - Rasipuram
38.	07-09-2017 to 09-09-2017	Prasannakumar M	Workshop on 3D scanning and printing-workshop	Bannari Amman Insitute Of Technology-Sathyamangalam
39.	07-09-2017 to 09-09-2017	Lingneswaran M	Workshop on 3D scanning and printing-workshop	Bannari Amman Insitute Of Technology-Sathyamangalam
40.	08-09-2017	Robert Sam Daniel	Paper Presentation	Shree Venkateshwara Hi-Tech Engineering College - Gobichettipalayam
41.	08-09-2017	Ramesh M	Paper Presentation	Shree Venkateshwara Hi-Tech Engineering College - Gobichettipalayam
42.	09-09-2017	Pugazhendi S.K	Boiler manufacturing and heat transfer concepts-workshop	Government College of Technology,Coimbatore
43.	09-09-2017	Navaneethan R	Boiler manufacturing and heat transfer concepts-workshop	Government College of Technology,Coimbatore
44.	13-12-2017	Mohan P	Paper Presentation	Muthayammal Engineering College- Rasipuram

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