### **MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE**



(363,Arcot road, Kodambakkam, Chennai-24)
Approved by AICTE & Affiliated to Anna University



# **DEPARTMENT OF MECHANICAL ENGINEERING**



Set the gear of your career in motion with the excellent education

Innovative Teaching by well Qualified Faculty



Students Involvement in Research & \_\_\_\_\_ consultancy activities

Extensive Training For Placements and Personality development

Strong Industry institution interaction, value added courses

Affordable Tuition Fees



TNEA COUNSELLING CODE 1309
www.msec.edu.in Contact No. 9003010913
principal@msec.edu.in

**₽** YouTube

DEPARTMENT OF MECHANICAL ENGINEERING, MSEC

### **About the Department**

The B.E. Mechanical Engineering Programme was started in the academic year 2010 – 2011 with a sanctioned intake of 60 students, affiliated to Anna University, Chennai. All the laboratories have been established with full-fledged and state-of-art equipment facilities with modern equipment and machinery catering to academic, consultancy and research requirements. The department has well-defined system for training and guiding its students to be industry ready.

#### Vision

To develop creative mechanical engineers by providing quality education, research and ethical values.

#### Mission

- To provide conducive environment and facilities for academic activities and preparing students for diverse careers.
- To develop collaborative research with industries for excellence in research and consultancy practices.
- To provide education in advanced technologies according to the changing needs of the society..

#### **Content Beyond Syllabus**



Hands -on training in EDM Wire Cutting



Hands -on training in Spark Erosion Machine (EDM)

#### Consultancy



Services offered using - FARO CMM

Best Practices in the department

#### List of MOU





Extra curricular activities like Sports, Symposium & cultural Program



Projects In Core Industries/Research organization

Research focused on 3D Printer, Solar Power system and Bio-fuels.



Laboratories equipped with facilities for doing research and mini-projects

Industry interaction program like E<sup>3</sup>,Guest Lectures Conference & Workshops



Foreign language training – Japanese proficiency course N5 to N3 level

Core competencies through events of professional bodies such as SAE,NIQR & ISTE



Campus Recruitment,
Placement & Personality
development Training

### **Engineering Events**

### EEMPOWERMENT, ENRICHMENT AND ENHANCEMENT (E3)



Inauguration - E3



Prize distribution to winners- E3



**Guest Lecture** 



**Engineer's Day Celebration** 





**National Conference** 

# **Engineering Events**



**Career Guidance Program** 



**AKSHOBHYA - Technical Seminar** 



**Dialogues with Industry Experts** 



**Industrial Visit** 



**Symposium** 





Strength of Material Laboratory



Kinematics & Dynamics Lab



Metrology and Measurements lab



CAD/ CAM laboratory



Mechatronics Laboratory



Fluid Mechanics Laboratory



Thermal Engineering Lab



Manufacturing Technology I & II

### Research Lab





# **Product Development**



**Vortex tube Refrigeration** 



Demonstration in a Hyundai Car Donated by Hyundai Motors Ltd

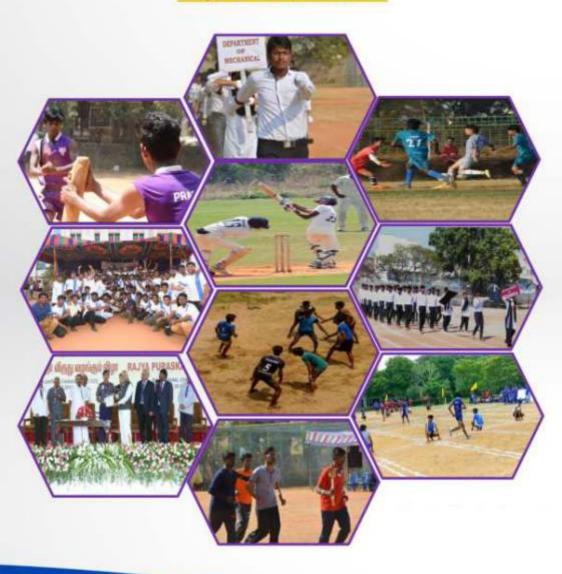


3D-printer



Roll cage model for SAE Baja vehicle

# **Sports Activities**



# **Cultural Program**

College life is one of the most exciting and important phases in anyone's life. In order to learn something more apart from the theoretical knowledge, the students can enhance their knowledge by participating in cultural programs organized by college.



# **Distinguished Alumni**



Jithin Chandran, Flying Officer, IAF



Sathish P, Flying Officer, IAF

Wheels India Madhanagopal, SDE Avinash S, GET



Maheswaran Arivazhagan, PTE ,R&D @ Brakes India



Vivek karan .R, Tamilnadu Forest Department



Vignesh
Subbukrishna,
Piping
Technology
and products
Inc, USA



Aditya V, Serving in Japenese MNC

Chakararajan Madhusudanan, Energy Services Engineer @ Cedar Falls Utilities

### **University Rank Holders**

K Vighesh 2011-2015



B Vighesh 2011-2015



Shansank M 2011-2015



### **Graduation Day**

Young aspiring graduates of MSEC, receiving their degree certificate from eminent personalities. It's a memorable moment for students, giving them positive vibe of transition from campus to corporate life.



Elanchezhiyan .S 2012-2016



Karthick Hari Secured
Gold Medal (2011-2015)
batch our First batch



Dharshan P 2011-2015



Manoj A 2014-2018



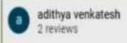
Sathish P 2014-2018



Maheshwaran P 2015-2019



Adithya V 2015-2019



\* \* \* \* a year ago

A Wonderful institution with discipline and education as it's core values. Being an alumni of Department of Mechanical Engineering, I must say the department is well equipped with state of art licensed softwares providing impetus and a boost in our pursuit to satiate the requirements of the industry. The electives which the college take up as subjects amongst the available options are helpful as we were able to learn Refrigeration and Air-conditioning and Pneumatics and hydraulics to name a few Secretary mam is always approachable in case of any issue and her presence gives us immense confidence in facing things. Friendly staff who share a great rapport with peers and industry people also provide necessary inputs when in need Sae activities, symposium, seminars, conferences, journal presentations showcase the amount of exposure this institution offers Situated centrally in Chennal, it's easy to access various facilities. Special mentions to our legendary godfather of our department Prof M.R. Seshadri whose immense experience and industry association gives us the last mile connectivity between textbooks and actual machine technology.



\* \* \* \* 2 years ago

Good college with lab facilities required and creat. out of box thinking for students through e-cube events and seminar. Very supportive and encouraging professors helpful in pursuing final year projects from reputed industries.

#### **Industrial Projects**

Reviews

















BDN of first students are tipleg their projects in industry. DAIMLER





















#### **Campus Recruitment**























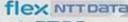


AtoS Syntel









Prodapt.

















