

DHAANISH AHMED COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

About Mechanical Engineering Department

The department of Mechanical Engineering started in the year 2008 with an intake of 45 students and it was increased to 60 students during the year 2011 and again it enhances its strength to 120 students in 2012.

So far five batch of students have completed their BE Mechanical Engineering course from which we produced more than 150 BE Mechanical Engineering graduates.

We have a dedicated team of staff members with doctorates and post graduates in the field of Thermal Engineering, Engineering Design, Manufacturing Technology, Industrial Engineering, Computer Aided Design, Automobile Engineering, Robotics, Automation and Operations Management.

Well trained senior faculty members guide the students and help them to develop innovative projects.

Laboratories with all the facilities are available in the department to fulfill all the curriculum requirements.

Students are motivated and encouraged to participate and present papers in National level technical seminars, conferences and symposium organized by various colleges, apart from the regular curricular activities.

The students of mechanical engineering requires a solid understanding of the key concepts including mechanics, kinematics, thermodynamics, energy and manufacturing. They use these principles in the design and analysis of automobile, aircraft, heating and cooling systems, buildings and bridges, industrial equipments and machinery.

Students are also motivated to undergo in-plant training programmes. The passed out students are currently employed in major Automobile Industries, Manufacturing industries, Research & Development wing of various organizations as well as in Software companies both in the country and abroad. Faculties are also members in various professional bodies like ISTE, MIE, SAE etc.

ACADEMIC TOPPERS

II Year



SATHAM HUSSAIN.R

1st Position
GPA 8.6



ABDULLAH.M

2nd Position
GPA 8.31



K. MOHSIN KHAN

3rd Position
GPA 8.3

III Year



R.ATHUL RAJ

1st Position
GPA 8.34



A. JASEEM

1st Position
GPA 8.34



J.NASRULLAH

2nd Position
GPA 8.25



V.ATTI MURUGAN

3rd Position
GPA 8.13



A.AFTAB ALAM

3rd Position
GPA 8.13

IV Year



S.SAINSHA

1st Position
GPA 8.96



MOHAMMED IRSHAD

2nd Position
GPA 8.43



M.ASHOK KUMAR

2nd Position
GPA 8.43



SALMAN KHAN.M

3rd Position
GPA 8.3

STUDENT ACHIEVEMENTS



Waqr bux, M. Mohammed Imran Shaik and Vivek.R of II Year Mechanical Engineering has participated and won Second Prize in the Business plan workshop held at IIT Madras on 23, 24.06.16.



M. Rinshdudeen & S. Rajesh of II year Mechanical Engineering has Participated and won First prize in the event DUMP-C a National level technical symposium organized by Chennai Institute of Technology, Chennai on 11.02.2017.

STUDENT ACHIEVEMENTS



A. Ibrahim

- A.Ibrahim of Final year Mechanical Engineering has participated and won first prize with cash award of Rs.1000/- in "MECHWARZ 2K17" a Technical symposium hosted by ARM College of Engineering, Chennai on 24.02.2017.



- V.Attimurugan of III year Mechanical Engineering has won First prize with a cash award of Rs.2000/- in the technical symposium "INGENIOUS2K17" for the event CAD modeling held at Rajalakshmi Engineering College, Chennai on 27.03.2017.



- A.Jaseem of III year Mechanical Engineering has won Third prize with a cash award of Rs.1000/- in the technical symposium, "INGENIOUS2K17" for the event CAD modeling held at Rajalakshmi Engineering College, Chennai on 27.03.2017.



- S.Gafooruddeen of III year Mechanical Engineering has won First prize with a cash award of Rupees 1000/- in the technical symposium "SRM Fest" for the event Machinist held at Valliammai Engineering College, Chennai on 14.8.2016.



- S.Jayasurya and M.Logapriyan of III year Mechanical Engineering has won First prize with a cash award of Rupees 1000/- in the technical symposium "SRM Fest" for the event "Mechanic simulator" held at Valliammai Engineering College Chennai on 14.8.2016.

EVENTS

SYMPOSIUM ◀



A National Level Technical Symposium “TECHNOTRA – 2k17” was organized on Feb 18th 2017 by DHAANISH AHMED COLLEGE OF ENGINEERING. More than 200 Students from other colleges also participated in it. Various events such as Poster Presentation, Paper Presentation and Technical & Non -Technical Events were the highlights of the Symposium.

▶ GUEST LECTURE

A Guest Lecture on “Career guidance in Industry” by Mr.Purushothaman – Deputy Manager-HR, Ashok Leyland ,Ennore was conducted for Final year students on 6th August 2016.



The Department organized a Guest Lecture on “ENGINEERING ETHICS AND QUALITY IN INDUSTRY” by Mr.K.Babu Manager-operations(retired), Rane Engine Valves Pvt. Ltd. for third Year students on 12th August 2016.



A seminar on “COMPETITIVE EXAM IN ENGINEERING ” was given by Mr.T.Sampath, Managing Director & CEO, Success IAS Academy, Chennai for final year and third year students of Mechanical Engineering on 25.08.2016.



A seminar on Competitive Exam in Engineering (GATE exam) was given by Mr.K.MARK L NORTH, GM-Business Development, Time Institute, Chennai for final year and third year students on 25th Aug, 2016



STUDENTS PARTICIPATION

➤ International Conference

M.Ashok kumar, A.Abdul Rahim of IV year Mechanical Engineering has presented a paper titled “ Different methods to enhance the evaporation rate using photo catalyst in solar still” in the international conference held at Anna university Trichy on 16 and 17.09.2016.

WORKSHOP <

- M.Abullah, M.Mohamed Sameer, K.M.Y.Abuhurairsiddiq and R.akbarraseeth of II year , Mechanical Engineering had undergone in-plant training at Chennai Port Trust, Chennai from 09.12.2016 to 15.12.2016.
- S.Gafoorudeen, N.Umarfarooq, N.Mohamedashiq and R.Ajithkumar of III year Mechanical Engineering had participated in the workshop on “Recent trends in Automobile Engineering conducted by Coimbatore Institute of Technology, Coimbatore on 03.02.2017.
- K.Hameed Ibrahim, K.Harish, P.Chandru, AhamedMeeran, K.AbdulHameed and M.H.Ahamedmeeran of II year Mechanical Engineering had participated in workshop on the Recent trends in Automobile conducted by Coimbatore Institute of Technology, Coimbatore on 03.02.2017.
- P.A.R.Mohamed thamby, A.Mohamed Ajmal, K.M.Y.Abuhurairasiddiq, M.Abdullah, M.Mohamed Sameer and S.Mohamed SalehThashweer of II year Mechanical Engineering has attended a workshop on ‘**IC Engine Dismantling and Assembling**’ on 11.02.2017 conducted by Top Engineers, Chennai.
- K.Mohamed Samsudeen, A.Mohamed Irshad, S.Askar Ali, S.A.K.Mohamedmeera Sahib Arsath of II year Mechanical Engineering has attended a workshop on “**Engine Dismantling and Assembling**” on 25 and 26.03.2017 conducted by NICOLA Educational and Research Institute, Chennai – 99.

➤ NATIONAL TECHNO-FEST

R.Santhoshkumar, R.Sathish Kumar, A.SamimShaik, M.Mohammed Liyas, A.Sarfaraz Khan, M. Rahul Prasad, M.Vivin Michael Syrus, M.Rinshaduddeen, K.Mubarak Ali and S.Rajesh of II year Mechanical Engineering has participated in various technical and non-technical event in the national level technical symposium on 11.02.2017 conducted by Chennai Institute of Technology, Chennai.

A.Jaseem, V.Attimurugan and S.Gafoorudeen of III year mechanical engineering had participated in “One day hands on training on TIG and MIG welding and CNC programming” organized by K.Ramakrishnan College of Technology, Trichy on 02.03.2017

A.MohamedYasin, A.MohamedRiyaz, F.Jameel Ahmed, I.MohamedAkram Nawaz, M.S.HabibHussain and S.Aslam of II year mechanical engineering has participated in various technical and non-technical events in the national level technical symposium on 27.03.2017 conducted by SRR Jeppiar Engineering College, Chennai.

LAB. FACILITIES



EDUCATIONAL TOUR & INDUSTRIAL VISITS



II Year Mechanical students Visited Diamond Engineering, Pudupakkam, Chennai on 4th Sep, 2016



The Final year student of Mechanical Department (Section A& B) have visited Integral Coach Factory, Chennai on 18/10/2016 & 19/10/2016. The visit provides to students with an opportunity to learn practically through interaction, employment practices and working nature in industry.



Third year students of Mechanical Department visited MAGNA COSMA INTERNATIONAL (INDIA) PVT LTD, Oragadam, Chennai on 26th Aug 2016. The visit provides to students with an opportunity to learn practically through interaction, employment practices and working nature in industry.

FACULTY ACHIEVEMENTS

DR.B.SACHUTHANANTHAN, Professor and HOD Mechanical Engineering has Published a paper titled “A Performance of a Window Air Conditioner Using Alternative Refrigerants R22 and R290” in the International Journal Of Engineering Sciences & Research Technology -Volume 5(10) ,Pages 27-32, October, 2016.

DR.B.SACHUTHANANTHAN, Professor and HOD Mechanical Engineering hasPublished a paper titled“Different methods to enhance the evaporation rate using photo-catalyst in solar still” – AReview, Elixir International Journal, Department of petrochemical technology, Bharathidasan Institute oftechnology,Anna University,Tiruchirappalli 16th& 17th Sep 2016.

➤ International Conference

Mr.N.RAMASAMY,has presented a paper in the National Conference on “RECENT INNOVATIONS IN MECHANICAL ENGINEERING” (NCRIME 2k17) on 21st Jan 2017 at Malla Reddy Engineering College Hyderabad,AP.

Mr.N.RAMASAMY,has communicated a paper and accepted for presentation in the “INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN MECHANICAL ENGINEERING” (ICRAMEK'17) on march 2nd and 3rd at GOVERNMENT COLLEGE OF ENGINEERING, SALEM.

➤ Seminar/ Workshop/ FDP Participated

DR.B.SACHUTHANANTHAN, Professor and HOD Mechanical Engineering has attended a Science and Engineering Research Board sponsored one day National workshop on “LASER IGNITION FOR COMBUSTION ENGINES” held at Mohamed Sathak A.J College of Engineering on 30/9/2016.

Mr.G.RAMESH,has attended a FDP on RECENT DEVELOPMENT IN NONDESTRUCTIVE TESTING & MATERIALS held during 1 & 2-DEC-2016 organized by Dept. of Mechanical Engineering, Tagore Engineering College, Chennai.

Mr.M.GOPINATH, has attended a FDP on RECENT DEVELOPMENT IN NONDESTRUCTIVE TESTING & MATERIALS held during 1 & 2-DEC-2016 organized by Dept. of Mechanical Engineering, Tagore Engineering College, Chennai

Mr.S.DINESH,has attended a FDP on RECENT TRENTS IN AUTOMATION held at SRM UNIVERSITY on 26-11-2016, Organised by department of mechatronics ,SRM UNIVERSITY CHENNAI.

A.ARUL JOTHI,has attended FDP on RECENT DEVELOPMENT IN NONDESTRUCTIVE TESTING & MATERIALS held during 1 & 2-DEC-2016 organized by Dept. of Mechanical Engineering, Tagore Engineering College, Chennai.