



**MISRIMAL NAVAJEE MUNOTH
JAIN ENGINEERING COLLEGE**
Approved by AICTE and Accredited by NBA
Affiliated to Anna University, Chennai
Jyothi Nagar, Thoraipakkam, Chennai - 600097.

Submitted to the Principal

Sir,

Sub: JULY 2018 – October 2018 Activities

The various activities and the achievements of the Department of Mechanical Engineering between July 2018-october 2018 Activities are listed below:

July 2018

INAUGURATION OF MECHANICAL ENGINEERS' ASSOCIATION-2018

The Mechanical Engineers' Association for the current academic year was inaugurated on 18th of July 2018. Dr. J. Nithyanandam, Professor, welcomed the gathering. Our beloved Principal and Head of Department Dr.K.V.Narayanan enlightened the gathering with his motivated talk. The inaugural address was delivered by chief guest Mr. N. Vijaykumar, M.E., General Manager, SAIPEM India Projects Limited, Chennai.



Mechanical Engineering Association Inauguration- Dignitaries on the dais

✓ Guest Lecture

The Department of Mechanical Engineering department organized a Special lecture on “**Research And Development**” on 13th July 2018. The resource person Dr.P.Vasanth, from TUDELFT University Switzerland delivered the lectures and talked about the research avenues for the Mechanical Engineers The event also exposed the students about various project such as carbon neutral project, Bharat Energy Storage Technology. . Dr. Vasanth also invited the students to participate in above mentioned projects, after being granted permission from TUDELFT Switzerland. **The session mainly focused on Problem Solved Technologies Real Time.**



Lecture by Dr P.Vasanth



Presentation by Dr.P.Vasanth

AUGUST 2018

Synergy Club Activities

- ✓ Synergy club of Mechanical department organized a one day workshop on ‘**Solving Engineering Problems through Genetic Algorithm**’ on 6.08.2018. Mr. K.S.Sreenivasan, Associate Professor Department of Mechanical Engineering MNM Jain engineering college delivered the special lecture.



The Participants with Department staff member



Lecture by Mr K.S.Sreenivasan ASP Mechanical

DEPARTMENT ADVISORY BOARD MEETING

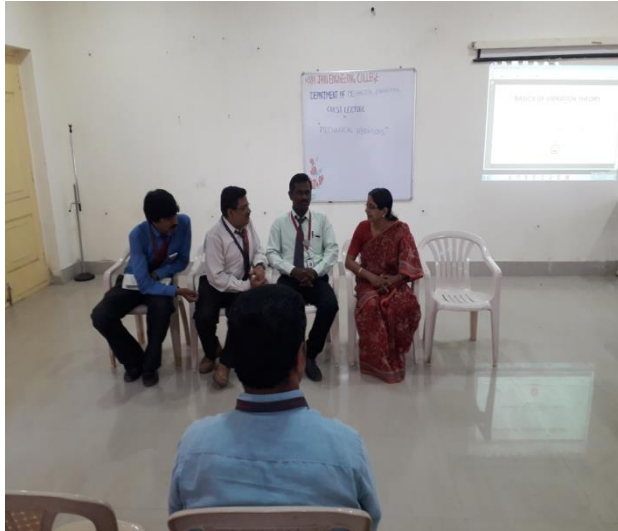
The NBA-Department Advisory Board (DAB) meeting was held on 04.08.18 at Department of Mechanical Engineering to assess the Program Outcomes (PO) and Program Educational Objectives (PEO). The stake holders (Parents, Alumni, senior faculty members and Principal) were participated.



Department Advisory Board (DAB) – Principal interacting with the Members

SEPTEMBER 2018

- ✓ Department of Mechanical Engineering department organized a Special lecture on “**Mechanical Vibration**” on 24th Sep 2018 at MBA Seminar hall between 10.00 AM to 12.30 PM. The resource person for the special lecture was Dr C.Sujatha, Professor, Machine Design Section, Department Of Mechanical Engineering, IIT Madras. **The session mainly focused on** an ideal vibration system involving external exciter & dampers.



The chief guest with the department staffs



Second year mechanical students

SAE Tier I EVENTS

- A SAE Tier 1 event was conducted on 20th September 2018. 20 events were conducted by the club and all the club members actively participated in the in various competition. Winners and runners from all these 20 events are qualified to participate in Tier 2 events.



Tier 1 – Auto Quiz Participants



Tier-1 Paper presentation

Industrial visit

- ✓ Department of mechanical engineering Final year student visited North madras thermal power plant Chennai from 19.9.2018 and 20.9.2018 to get industrial exposure and practical knowledge.



Glimpses of industrial visit at thermal power plant Chennai

- ✓ Department of mechanical engineering Third 1 year student visited Diamond group of industries Chennai on 27.09.2018 to get industrial exposure and practical knowledge.



Glimpses of industrial visit at Diamond industries chennai

- ✓ Department of mechanical engineering second year student visited Nippon thermostat plant Chennai 27.09.2018 to get industrial exposure and practical knowledge.



Glimpses of industrial visit at Nippon thermostat Chennai

OCTOBER 2018

SWIVEL 2018.

- A National Level Technical symposium 'SWIVEL 2018' was organized by the Department of Mechanical Engineering of Misrimal Navajee Munoth Jain Engineering College on 26.09.18. Mr.C.B. Senthilkumar, Business manager, Thermax India Pvt Ltd Chennai was being the chief guest and delivered the inaugural address and motivated the students to become a successful engineer and to contribute for nation building.
- A total of Seventeen events were conducted which include paper presentation, project presentation, aero modelling, Tech hunt, Mech king, water rocketry, RC cars, sumo robo, Machining, Tech quiz, Gaming, online photography, Pentathlon, and truss master etc. The prize money worth RS 35,000 was given to prize winners of technical and non technical events. Along with the prize money, an overall trophy, designed by the college students, was awarded to overall winner of the competition.



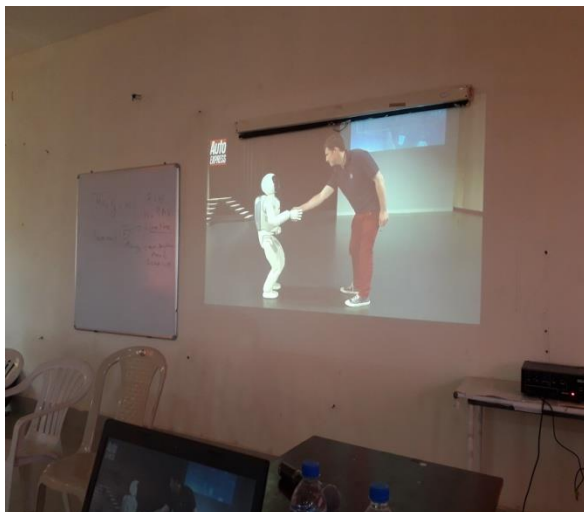
Release of the Yantra magazine.



Presentation of certificate (Swivel 2018)

Special Guest lecture.

- ✓ A Special guest lecture titled “Robotics and automation” was delivered by Dr.Arockia Selvakumar, associate professor school of mechanical engineering, VIT Chennai for final year students on 6.10.2018.



Lecture by Dr.Arockia selvakumar-VIT chennai

ENTREPRENEUR DEVELOPMENT CELL

An Entrepreneurship awareness program was organized by the Department Entrepreneur Development cell (EDC) 08.10.2018. Entrepreneurs Mr.D. Sujeeshkumar (Promenvy Technologies) , Mr.Raviganth (Business Head, Sanvy Business Solutions & Career Guidance, Alumni 2008 batch), Mr.Srenik Gadia 2015(S.M. Metals, Alumni 2008 batch) motivated the gathering with their own experiences in becoming Entrepreneur.



Entrepreneurship awareness program on 08.10.18

STUDENT ACHIVEMENT.

- ✓ Mr. Arunachalam. T and Lalith Achudhan Kumar of Final year mechanical won 2nd place in the Paper Presentation held at Sri venkateswara college of Engineering.on 29/09/18.
- ✓ Mr. T Arunachalam of Final year mechanical won 3rd place in the Paper Presentation held at Loyola Icam College of Engineering & Technology on 18/0/18.
- ✓ Mr. Nikhil S P of Final year mechanical won 2nd place in the Paper Presentation held at KCG College of Technology on 07.09.18
- ✓ Mr. Rohit Sriram R of Final year mechanical won 1rd place in the Paper Presentation held at St.Joseph'S Institute of Technology on 22.09.2018
- ✓ Mr. Sai Apurva R of Final year mechanical won 3rd place in the Paper Presentation held at St.Joseph'S Institute of Technology on 22.09.2018
- ✓ Mr K. Karthikeyan of Final year mechanical underwent one day workshop at MIT, Anna University, chennai on 28.9.2018
- ✓ Mr M. Hemanth Kumar of Final year mechanical underwent one day workshop at MIT, Anna University, chennai on 28.9.2018
- ✓ Mr D. Baranidharan of Final year mechanical underwent one day workshop at Dhaanish Ahmed on 17/08/18.
- ✓ Mr. Karthikeyan D and Gowri Shankar K of Final year mechanical underwent internship training program at TVS motor, Hosur from 17/09/18 to 19/09/18
- ✓ Mr. J B Lalith Achudhan Kumar of Final year mechanical underwent internship training program at REC BOSCH JCC from 05/06/18 to 06/06/18
- ✓ Mr. J B Lalith Achudhan Kumar of Final year mechanical underwent internship training program at REC BOSCH JCC from 05/06/18 to 06/06/18
- ✓ Mr. Tamil Selvan A of third year mechanical won 2nd place in the Paper Presentation held at Kumarasamy college of Engineering. 05/04/18.
- ✓ Mr. Sathish of third year mechanical won 2nd place in the trust masters held at St. Peter's college of Engineering on 25/09/18.
- ✓ Mr. Prithviraj C of third year mechanical underwent internship training program at IIT,Madras from 21/05/18 to 29/06/18.

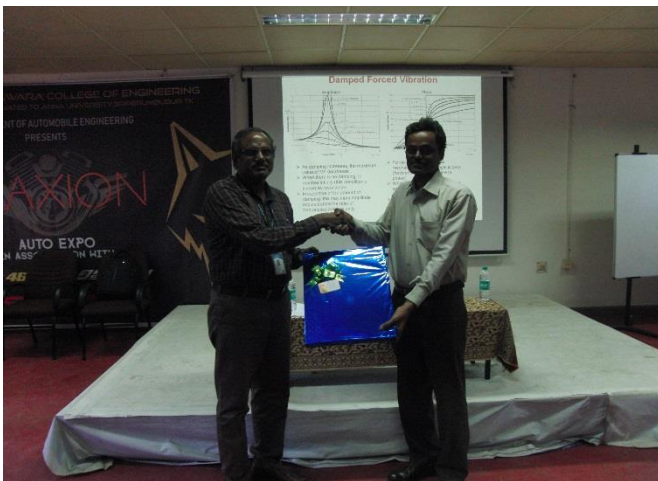
- ✓ Mr. Sasinandana V of third year mechanical underwent internship training program at Larsen & Toubro (L&T)from 06/06/18 to 02/07/18
- ✓ Mr. Prathik Jain S of third year mechanical underwent internship training program at FORD Chennai from 04/06/18 to 26/06/18.
- ✓ Mr. Tamil Selvan A and Sudharsan S Rajesh Kumar A S of third year mechanical underwent internship training program at Integral Coach Factory (ICF) Chennai from 07/06/18 to 21/06/18

- ✓ Mr. Balaji S of third year mechanical won 2nd place in the Paper Presentation held at St Joseph institute of Engineering on 15.9.2018.
- ✓ Mr. Dileep Kumar Patro of third year mechanical won 2nd place in the Technical event held at Sai ram Engineering college on 19.9.2018.
- ✓ Mr. Dolphin Vignesh Kumar V of third year mechanical won 2nd place in the water rocket event held at St Joseph Engineering college on 22/9/18.
- ✓ Mr. Siva Prakash S of third year mechanical won 2nd place in the Bridge the gap event held at St Joseph Engineering college on 22/9/18.
- ✓ Mr. Subin S R of third year mechanical won 3rd place in the Play with cool event held at St Joseph Engineering College on 15/9/18.
- ✓ Mr. Abhinesh S of third year mechanical underwent internship training program at Suspa Pneumatics from 21/05/18 to 29/06/18.
- ✓ Mr. Akshy Jain L of third year mechanical underwent internship training program at Chennai port trust from 21/05/18 to 29/06/18.
- ✓ Mr. Ajaykumar K of third year mechanical underwent internship training program at Chennai port trust from 21/05/18 to 29/06/18.
- ✓ Mr. Akshy Kumar V of third year mechanical underwent internship training program at Breaks india from 21/06/18 to 29/07/18.
- ✓ Mr. Balaji Babu M of third year mechanical underwent internship training program Chennai port trust from 21/05/18 to 29/06/18.
- ✓ Mr. Dolphin Vignesh Kumar V of third year mechanical underwent internship training program Chennai port trust from 28/7/18 to 03/8/18.
- ✓ Mr. Kamesh R and Jegan M of third year mechanical underwent internship training program Chennai port trust from 28/7/18 to 03/8/18.
- ✓ Mr. Mohammed Muzzammil, Muzaffar Ali A, Niyamathullah.P of second year mechanical won 2nd place in the Project Expo event held at AtLoyalla ICAM College of Engineering, Chennai on 22/8/18.
- ✓ Mr. Mohammed Muzzammil, Muzaffar Ali.A, Niyamathullah.P, Prasanth.A of second year mechanical underwent implant training program Carriage & Wagon Works, South Railway, Chennai from 28/9/18 to 03/10/18.
- ✓ Mr Lokesh Kumar.R, Muthu Kumar.J, Tarun.S.B, Nithish Anandh.A of second year mechanical underwent implant training program Integral Coach Factory, Chennai from 28/9/18 to 03/10/18
- ✓ Mr Moganasundharam.K, Lokesh.M, Sakthimanickavel.L, Prajeeth.S.S, Sarabeshwaran.M of second year mechanical underwent implant training program Ashok Leyland, Hosur from 28/9/18 to 03/10/18
- ✓ Mr Saran.B, Lokesh Kumar.R, Naveenkumar.S, Niyamathullah.P, Prajeeth.S.S, Prasanth.A, Sabareesh.S, Senthil Kumar.V Venkatesh Balaji.J of second year mechanical attended Workshop in topic “An International Inter-Collegiate Workshop “Auto Ignite” Practical Dismantling assembly session of I.C.Engine” at Anna University Chennai, in the month of September 2018.
- ✓ Mr R.S Harikrishnan, Bibin Abraham Alex, N Adhithya, R Akshar Viruppan Animesh Kumar of second year mechanical underwent implant training program Ashok Leyland, Chennai from 09/09/18 to 16/09/18

- ✓ Mr Jai Ganesh.K, D.Harshit of second year mechanical underwent implant training program Simpsons and Co.Ltd from 10-09-18 to 14/09/18
- ✓ Mr G Abinesh,Sai Karthik of second year mechanical underwent implant training program TNPL from 12/09/18 to 18/09/18.
- ✓ Mr G Fahathsheriff of second year mechanical underwent implant training program Same DeutrFahr Chennai from 11/09/18 to 14/09/18.
- ✓ Mr A.N. Krishnan of second year mechanical underwent implant training program Maruthi Suzuki from 06/09/18 to 13/09/18.

STAFF ACHIVEMENT

- ✓ Mr R.Ramaswamy, assistant professor published a paper titled “INFLUENCE OF YTTRIUM OXIDE NANO-PARTICLES IN TI6AL4V MATRIX ON COMPRESSIVE AND HARDNESS BEHAVIOUR” in “International Journal of Mechanical Engineering & Technology (IJMET), Volume 9, Issue 9, September 2018.
- ✓ Dr.B.Janarthanan, Professor Mechanical department delivered a special guest lecture on “vehicle dynamics” for automobile engineering students at technical symposium “TRAXION 2018” held at Sri Venkateshwara engineering college Chennai on 13.10.2018.



Special lecture Delivered by Dr.B.Janarthanan at SVEC Chennai.

BEST STUDENT PROJECT SCHEME AWARD (GOVERNMENT OF TAMIL NADU).

Mr Milan D Jain and Mr Mukesh P Jain of 2014-2018 batch our mechanical engineering students won best student project scheme award, title project” ECO BANK v 2.0” sponsored by tamilnadu state council for science and technology (Government of Tamilnadu) held at National college, Trichy.



BEST STUDENT PROJECT SCHEME AWARD RECIVED BY 2014-2018 STUDENTS Mr MILAN D JAIN AND Mr MUKESH P JAIN