



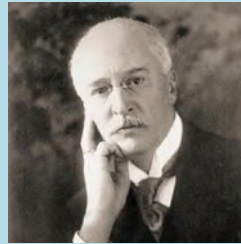
VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI

MECHNOVA



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A FAMOUS MECHANICAL ENGINEER SERIES(03)



Rudolf Christian Karl Diesel (18 March 1858 – 29 September 1913) was a German inventor and mechanical engineer, famous for the invention of the diesel engine. Diesel understood thermodynamics and the theoretical and practical constraints on fuel efficiency. He knew that as much as 90% of the energy available in the fuel is wasted in a steam engine. His work in engine design was driven by the goal of much higher efficiency ratios. After experimenting with a Carnot Cycle engine, he developed his own approach. Eventually, he obtained a patent for his design for a compression-ignition engine.

Inside this issue

- Famous Mech. Engineers
- PEO's
- Vision, Mission
- International conference
- Efficycle 2018
- Yuva Master Mind 2019
- Journal Publication
- FDP/Workshop Attended
- Alumni meet poster
- PO And PSO's

Program Educational Objectives (PEO'S)

PEO1: Graduates will be able to pursue successful professional career in Mechanical Engineering with sound technical and managerial capabilities.

PEO2: Graduates will have skills and knowledge to formulate, analyze and solve problems in mechanical engineering to meet global challenges.

PEO3: Graduates will be capable of pursuing mechanical engineering profession with good communication skills, leadership qualities, team spirit and professional ethics to meet the needs of the society.

PEO4: Graduates will sustain an appetite for continuous learning by pursue higher education and research in the allied areas of science and technology.

VISION

"To become a center of excellence in Mechanical Engineering, producing innovative and creative mechanical engineers to meet the global challenges"

MISSION

- To provide a platform to the students towards attaining quality education in Mechanical Engineering.
- To educate students about professional & ethical responsibilities and train them to build leadership and entrepreneurship qualities for their career development.
- To create opportunities and guide students in acquiring career oriented jobs in the field of Mechanical Engineering

PTA MEETING



PTA Meeting of S1, S3 and S5 were conducted on 12th, 18th and 24th September 2018. Student toppers, based on their first internal examination marks, were honoured with prizes. Parent – Faculty interactive session was also conducted. Toppers in the order of their ranking are as follows:

S1 ME A- Sripin Pradeep, Alan Sebastian, Harishankar

S1 ME B-Sandra Maria Sajy, Anand K, Diljith P

S3 ME A-Pallavi Chandran, Diljith A, Jithin K

S3 ME B- .Akash Raju, Arjun T, Amal Babu

S5 ME A-Akshay Rajan, Rithik Lal, Iditsaj P T

S5 ME B- Samrood Abdul Wahab, Aswathi Manoharan, Alen Joe Manuel

S7 ME A-Vaishakh P, Avinash S Pramod, Abhishek Balakrishnan

S7 ME B- Ajith Tom, Ashish Prakash, Ashish Sunny

UNIVERSITY EXAM TOPPERS

S2 ME A-Jithin K, Pallavi Chandran, Akash Gopinath Nambiar

S2 ME B- Akash Raju, Arjun T, Amal Babu

S4 ME A- Amaldeep C, Akshay Rajian, Rithik LAI

S4 ME B- Samrood Abdul Wahab, Alen Joe Manuel, Zainidheen M C, Akash Raveendran

S6 ME A-Vaishakh P, Avinash S Pramod, Priyesh Padmanabhan, Sabin Suresh

S6 ME B-Ajith Tom, Ashish Prakash, Ashish Sunny

INTERNATIONAL CONFERENCE OF ADVANCED COMPUTING AND COMMUNICATIONS



24th Annual International conference of Advanced Computing and Communications (Sept. 21 to 23, 2018 at International Institute of Information Technology, Bangalore). 18 students participated from our college. Mechanical Engineering Final year students who participated are

1. Mr. Ashish Sunny
2. Mr. Ajay Narayanan
3. Mr. Jestin Jose

They also participated in the national level ARM Design Contest and presented the project "Solar powered Smart hybrid 3 wheeled electric (Electric + peddling) vehicle for transportation inside big campuses"

EFFICYCLE 2018



Efficycle Technical Committee has introduced a new challenge for participating teams. This challenge is about conceptualizing an efficycle with the implementation of advance and innovative technologies which can be called the Efficycle of Future. Hence this event is named as "Future Efficycle Challenge". A team was formed by the final year students of our department designed and fabricated the efficycle 'ALPHA 12' and are ready for the Participation at national level competition held at Lovely Professional University, Punjab.

STUDENT ACHIEVEMENTS

1) Eight students of S7 ME (A & B) to participate in **ESVC solar car pre virtual round** 12 -14 Oct 2018.

2) One of the team from final year mechanical engineering got selected for the 9th season of **Yuva mastermind** competition, organised by Malayala Manorama daily in association with IBS Software services, Trivandrum and Amal Jyothi Engineering College, Kanjirappally. They received Rs 10000 fund for completing the project.



CONFERENCE/SEMINAR/WORKSHOP CONDUCTED

Seminar on Higher Educational Opportunities Abroad was conducted for S7 ME students on 25 Sept. 2018.

CAMPUS PLACEMENTS

Forty Two students have been placed in companies like Godsmatthew Group, Agile Business Consulting, Velmurugan Heavy Engg. Industries, Mphasis, BYJU'S, Valued Epistemics, ATEES Infomedia, ACCENTA Education, Lakhotia, Diya Systems Mangalore and Lazim Softwares

Asish Mathew of S7 ME is selected for the position of Assistant System Engineer-Trainee by TCS

Mr. Febin Jose and Mr. Kiran are placed through INDUSCAN at Chennai.

JOURNAL PUBLICATION

A journal paper on
**Implementation strategy of lock out and tag out (LOTO) electrical systems for
paper industry**

is Published by

Dr. Sridharan P, Mr. Ravi M, Mr. Senthilkumar V.K.

In

International Journal of Applied Science and Engineering

FDP/WORKSHOP ATTENDED

Mr Midhun Mukundan M K,
Assistant Professor of the
Department attended a Workshop
on Carbon Neutrality at Govt. Engg
college Wayanad.



Program Outcomes

PO1: Engineering knowledge

PO2: Problem analysis

PO3: Design/development of solutions

PO4: Conduct investigations of complex
problems

PO5: Modern tool usage

PO6: The engineer and society

PO7: Environment and Sustainability

PO8: Ethics

PO9: Individual and team work

PO10: Communication

PO11: Project management and finance

PO12: Life-long learning

Program Specific Outcomes (PSO's)

PSO1: An ability to use computer aided
modelling and simulation tools to provide
solutions to mechanical engineering problems.

PSO2: An ability to develop and implement a
process in a well-planned manner leading to a
demonstrable product

Staff Editors: Mr. Hari Prasad M K & Mr. Gokulnath R

Student Editors: Mr. Avinash S Pramod & Mr. Khamarudheen