



VIMAL JYOTHI ENGINEERING COLLEGE CHEMPERI

MECHNOVA



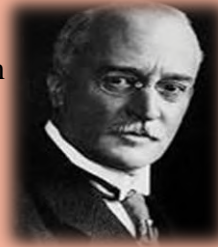
MECHANICAL DEPARTMENT NEWS LETTER

JUNE 2018
VOL 6, ISSUE 3

KNOW A FAMOUS MECHANICAL ENGINEER SERIES

01. Rudolf Diesel (1858-1913)

Rudolf Christian Karl Diesel was born in 18th march 1858 in Paris. He invented the internal combustion engine that bears his name. For a time he experimented with an expansion engine using ammonia.



He made a great contribution in the field of Mechanical engg. Particularly in today's transportation powering methods. He is most famous for having invented the diesel engine with his 1893 patent for a 'new rational heat engine.'

In 19th September 1913 he disappeared and later confirmed his death.

Inside this issue

- ✚ Famous Mech. Engineers
- ✚ PEO's
- ✚ Vision, Mission
- ✚ 10 days Workshop
- ✚ New journal
- ✚ Young entrepreneurs conclave
- ✚ Farewell
- ✚ Newly joined faculties
- ✚ SAE India
- ✚ 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

10 DAYS WORKSHOP ON PROGRAMMING AND OPERATIONS OF 3-AXIS CNC MILLING MACHINE AND 2-AXIS CNC LATHE



10 days of skill development workshop on programming and operations of 3-axis CNC Milling Machine & 2 axis CNC Lathe was inaugurated by Rev Fr Dr Thomas Melvettath. Principal, Dr. Benny Joseph delivered facilitation speech. Cdr (Rtd) Raju K K delivered the welcome speech. The program was coordinated by Mr. Shaji George, Asst professor, Dept. of Mechanical Engineering and Mr. Biju, technician Dept. of Mechanical Engineering. The workshop was conducted from 04 June to 14th June 2018. Workshop helped students to explore the new area of Mechanical Engineering.

NEW JOURNAL

IMPLEMENTATION STRATEGY OF LOCK OUT AND TAG OUT (LOTO) ELECTRICAL SYSTEMS FOR PAPER INDUSTRY.

International Journal of Applied Science and Engineering- Scopus Indexed – Accepted for Publication.
Work was done by Dr. P Sridharan.

BUSINESS INCUBATION CENTRE “YOUNG ENTREPRENEURS CONCLAVE” - @KANNUR UNIVERSITY CAMPUS



Dept. of mechanical engineering, Vimaljyothi engineering college, participated in Business incubation centre “young entrepreneurs conclave” conducted by kannur university at university campus Kannur. The program was inaugurated by vice chancellor Dr. Gopinath Ravindran.

All the Very Best

We wish you all the very best dear colleagues Mr. Subin Michael and Dr. George Raphael. Your great contributions to the Department of Mechanical Engineering will always be remembered.

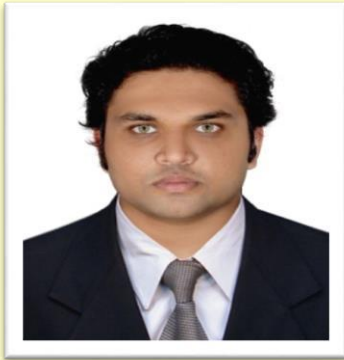


Dr. George Raphael



Mr. Subin Michael

Welcome - Our Newly Joined Faculties



Mr. Dilin Dinesh

MTech –NIT Jamshedpur
Specialization: Thermal and
Fluid Engineering.
BTech- NSS Palakkad



Mr. Melbin Benny

MTech –NIT Calicut
Specialization: Energy
engineering and
Management.
BTech- CUSAT



**Dr. S Christopher Ezhil
Singh**

PhD - In Mechanical Engg.
From Anna University.
ME – Uni. Of Madras.
BE - Manonmaniam
Sundaranar University.

SAE UPDATES



Trail run and testing of Formula 3 car with the Tata Nano engine conducted successfully in the month of May 2018– SAE Staff advisor Mr. Jestin C Jose and Mr. Robin C R coordinated the program.

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 modeling and simulation tools to provide solutions to mechanical engineering problems.
- PSO2: ability to develop and implement a process in a well-planned manner leading to a demonstrable product

Staff Editors: Hari Prasad M K & Gokulnath R

Student Editors: Avinash S Pramod & Khamarudheen