



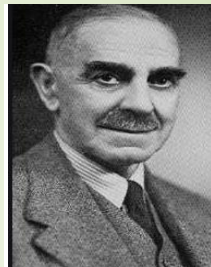
# VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI



## MECHNOVA

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### KNOW A FAMOUS MECHANICAL ENGINEER-SERIES 9



**William Stanier**

He was born in Swindon and educated at Swindon High School and also, for a single year, at Wycliffe College. In late 1931, he was "headhunted" by Sir Josiah Stamp, chairman of the London, Midland and Scottish Railway (LMS) to become the Chief Mechanical Engineer (CME) of that railway from 1 January 1932. He was charged with introducing modern and more powerful locomotive designs, using his knowledge gained at Swindon with the GWR. Stanier built many successful designs for the LMS, particularly the "Black 5" mixed traffic 4-6-0 and the 8F 2-8-0 freight locomotive.

### VISION

"To become a centre 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

### Inside this issue:

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## DEPARTMENTAL VISIT BY THE INSTITUTION MANAGER



Rev. Fr. James Chellamkottu, Manager Vimal Jyothi Institutions visited our department on 18-09-2019. He interacted with the team of Head of the Department Cdr Raju K Kuriakose (retd), DR. T D John, the Dean Research of the institute, all the teaching and non teaching staff of the Department of Mechanical Engineering. The staff introduced themselves to Rev. Father. Father found time to hear the opinions and suggestions from the staff regarding future programs and other academic developments that the department is planning to do. The interaction was really a wonderful experience for the departmental staff.

## INTERACTION OF STUDENTS WITH MANAGER



The first year students of our Department had an opportunity to interact with Rev. Fr. James Chellamkottu, Manager, Vimal Jyothi Institutions on 17-09-2019. The interaction paved way to new insights in the mind of students toward the professional education. The overall development of students in all the aspects such as in academics, attitude, punctuality and discipline was the key matter of father's talk.

## PTA MEETING



The first PTA Meeting of this semester was conducted by the department from 16<sup>th</sup> to 19<sup>th</sup> September 2019 for all the semesters. The Principal Dr. Benny Joseph gave the welcome speech. In his speech he mentioned the need and importance of conducting PTA meetings and of interaction of parents with teachers. Cdr. Raju K Kuriakose, HOD, the Department of Mechanical Engineering, addressed the parents and highlighted the unique features of VJEC like qualified and committed faculty members and the various infrastructural facilities that are provided to students. He also described the new plans the Institute is taking for improving the academic performance and overall development of students. Our Manager Rev. Fr James Chellamkottu in his address, informed the parents about the constraints within which the academic activities of the Institute are progressing. The top performing students in the first series exam, from each class were honored with prizes. A session exclusively for parent-student-faculty interaction was also held.



## DEPARTMENT AT SOORYA TV KERALOLSAVAM



The Department of Mechanical Engineering represented itself in the Keralolsavam, a village game show hosted by Soorya TV at Eruvesi Grama Panchayat on 28-09-2019. The venue is Church, Chemperi. The formula 3 car and ATV were demonstrated in the show. The college received memento from the Channel. The college NSS team marched from the college to the show venue as procession. The show was a thing of attraction to the public.



## SEMINAR ON SUSTAINABLE DEVELOPMENT GOALS



The department organised a one day Seminar on the topic Sustainable Development Goals for final year students on 27-09-2019. The session was handled by Dr. Benny Joseph, Principal, VJEC. The session was cordinted by Mr. Appu Kurian and Mr. Niyas K M (Assistant Professors, ME). All systems and societies naturally develop. However, In this day and age, development is moving at breakneck speeds, thanks to advancement in technology. The only problem is that not everyone considers the downsides that come along with unbalanced economic growth including impacts on people’s well-being and environment.

## INVITED TALK ON CIVIL SERVICE



Mr. Arjun Mohan, the Civil service rank holder on 06-08-2019, interacted with the students. The main topic of discussion was the civil service examination and methods to crack it. Students gave the feedback that they are very much motivated with this session. Cdr. Rju K Kuriakose(retd.), HOD, ME and Dr T D John, the research dean, introduced the guest to students and interacted with students.

## **PAPER PUBLICATION**

*A journal paper on*

*Biomass Densification of Artocarpus Heterophyllus Leaves Powder and its Mechanical Properties Using Response Surface Methodology,*

Is published by Dr. Christopher Ezhil Singh.S, Sango.S.L , Brucely.Y, Sankar.C, Mary Little Flower.T, Smitha.R, Krishna Sharma.R

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### **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.

### **Program Outcomes (POs)**

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 (PSOs)**

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

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