

# ME NEWSLETTER 2017

(August 2017 – October 2018)

## About the Mechanical Engineering Department

The Department of Mechanical Engineering at MEA Engineering College offers four year B Tech. degree program in Mechanical Engineering with a yearly intake capacity of 120 students. Since its inception in 2007, the department has been thriving to achieve academic excellence by molding quality mechanical engineers with emphasis on comprehensive learning techniques. The Department of Mechanical Engineering allows the students to gain unique academic experiences in conducting various technical events at our college. In summary, the Department of Mechanical Engineering is thriving for professional excellence, building upon which our department is confident of shaping the future of the mechanical engineering students

### Vision of the Department:

To create graduate Mechanical engineers having excellence and competence in addressing the needs in the disciplines of Mechanical Engineering and allied areas at both National and International levels with a deep commitment to serving the society for bettering the standard of living

### Mission of the Department:

- 1) To impart formal education in Mechanical engineering and allied areas at undergraduate levels by integrating a variety of project experiences at every level throughout the curriculum.
- 2) To be able to apply with confidence the knowledge in Mechanical engineering through research in the science and technology.
- 3) To nurture conducive academic ambience by giving more emphasis to have competent faculty in the department of Mechanical Engineering
- 4) To encourage the students towards higher education through research and development activities



### Message from HoD – ME (Chief Editor)

It gives me immense pleasure that my department members are instrumental in preparing this newsletter. This newsletter is an attempt to project the various activities and achievements of the ME department during academic year 2017 – 2018.



Dr. G. Ramesh (HoD – ME)  
(Chief Editor)



Mr. Afsal Hussain (AP – ME)  
(Managing Editor)



Mr. Habeeb Rahman K P  
Student Editor



Mr. Krishna Prasad (AP – ME)  
Associate Editor

## Workshop on Research Methodology



The Department of Mechanical Engineering conducted a One Day workshop on Research Methodology at MEA Engineering College on 28<sup>th</sup> February, 2018.

Dr. S. R. Devadasan (Professor – PSG College of Technology) delivered the session covering various aspects in Research Methodology.

Mr. Mathias Wiegand, A German Engineer (Hamburg University) who had been serving as a guest faculty in ME dept. during Academic Year 2017 – 2018 also shared the occasion.

## NCAME '18

Department of Mechanical Engineering – MEAEC hosted the National Conference on Advances in Mechanical Engineering (NCAME'18) on 11<sup>th</sup> April, 2018 at MEA Engineering College. NCAME 2018 was intended to provide a common platform to bring together the researchers, engineers, scientists, and scholars to exchange their experiences, new ideas, and outcomes of research about all aspects of Mechanical Engineering and also to discuss the practical challenges encountered and the solutions adopted. The conference themes included various areas covering Design & Manufacturing, Materials and Thermal Engineering.



## Glimpse of Activities

- MECHMERIZE '17 (Dept Association Program)
- MECHANIMUM '18 (Technical Fest)
- Research Methodology (Workshop)
- NCAME '18 (National Conference)
- Industrial Visit
- Guest Lecture

## MECHMERIZE '17



The Department of Mechanical Engineering organized the inaugural function of Mechanical Engineering Students Association (MESA) for the academic year 2017–2018 titled MECHMERIZE' 17 in the college auditorium on 10<sup>th</sup> October 2017. Mr. Musthafa Thorappa (renowned entrepreneur & motivational speaker) was the chief guest for the occasion and shared the experiences on his life journey from crippled to a successful entrepreneur. The driving kit he developed for the crippled can now fit with 46 variants of manual and automatic transmission cars of eight major carmakers. Another session was a hands-on live demo on assembling/disassembling of a 2 stroke engine handled by Mr. Muhammed Swalih (Asst. Professor – Dept. of ME). Various students shared their views on opportunities in Mechanical Engineering and the program concluded with the cultural events organized by MESA.





## MECHANIU'M '18



The Department of Mechanical Engineering & MESA (Mechanical Engineering Students Association) organized the mega inter college level technical fest – MECHANIU'M '18 at the college campus on 17<sup>th</sup> and 18<sup>th</sup> of January, 2018. MECHANIU'M '18 was a blend of exciting programs and diverse technical events which included Air-Show, Auto Cross, Auto Expo, 4x4 Mud Race, Contraption, Bike Stunt, Weapon Expo and much more.





**University of Calicut  
Rank - 50 (2013 - 17)**



**Mohammed Ashif K P  
(CEANEME049)**

**University of Calicut  
Rank - 53 (2013 - 17)**



**Althaf Ali  
(CEANEME012)**

**University of Calicut  
Rank - 53 (2013 - 17)**



**Arun M  
(CEANEME017)**

***INDUSTRIAL VISIT***

Industrial Visit to KSEB Diesel Power Plant, Nallalam, Kozhikode by S6ME students on 06<sup>th</sup> March, 2018 under the guidance of Mr. Abdul Latheef P V (AP - ME)

***VISITING FACULTY***



**Mr. Mathias Wiegand  
University of Hamburg  
Germany**

***GUEST LECTURE***

Guest Lecture on **Advanced Mechanics of Solids** for S4ME students on 23<sup>rd</sup> March, 2018 by Dr. Sajith Babu (Associate Professor - GEC Idukki)

**GATE Qualified (2018)**



**Mr. Jaseem Sajidh N A  
(CEANEME036)**

**GATE Qualified (2018)**



**Mr. Ubaidulla C T  
(CEANEME125)**