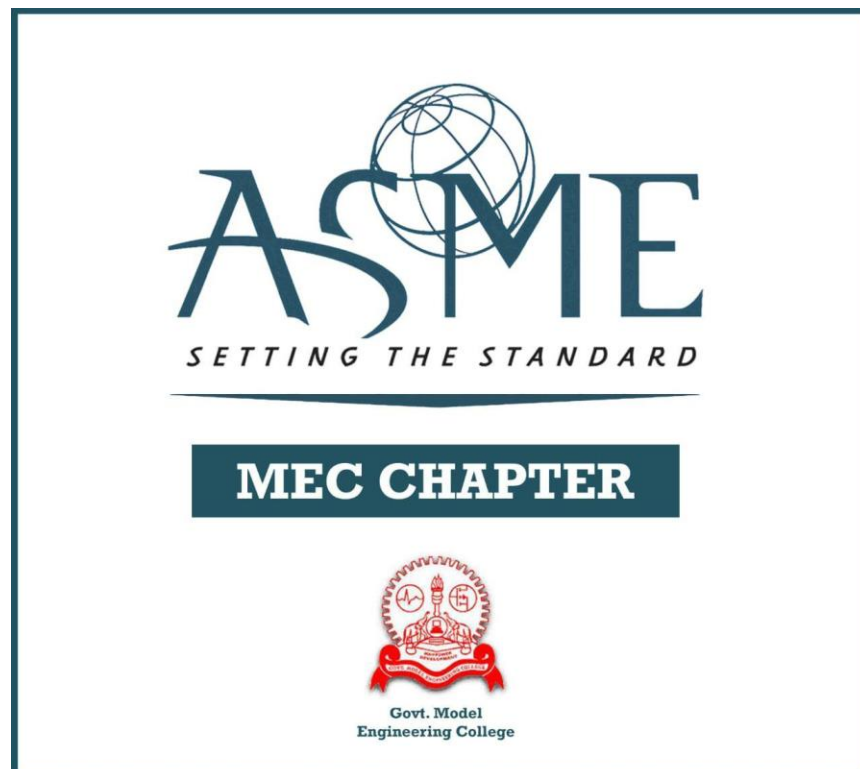


# American Society of Mechanical Engineers (ASME) -MEC Student Chapter



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## **MODEL ENGINEERING COLLEGE**

Government Model Engineering College, Thrikkakara (MEC) is an institute of engineering and technology located in Thrikkakara, Kochi, Kerala in South India. Founded in 1989, it is among the top ranked engineering colleges in Kerala, and one of the top engineering schools in India. The institution is the first self-financing college to be established by the Government of Kerala under the aegis of the Institute of Human Resource Development for Electronics (now IHRD) and the first to be affiliated to Cochin University of Science and Technology. It is the first recognized research center under the university. As of May 2016, MEC is affiliated to A P J Abdul Kalam Technological University.

## **ASME MEC STUDENT CHAPTER**

ASME is a not-for-profit membership organization that enables collaboration, knowledge sharing, career enrichment, and skills development across all engineering disciplines, toward a goal of helping the global engineering community develop solutions to benefit lives and livelihoods. From college students and early-career engineers to project managers, corporate executives, researchers and academic leaders, ASME's members are as diverse as the engineering community itself. ASME serves this wide-ranging technical community through quality programs in continuing education, training and professional development, codes and standards, research, conferences and publications, government relations and other forms of outreach.

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### **VISION OF ASME STUDENTS SECTION ENTERPRICE**

Student Section enterprise represents collective dynamic co-curricular learning/teaching organizations at the University/College campuses around the world, that focuses on helping students prepare for professional practice through guidance /mentoring by engaging engineers in the industry, and the ASME volunteer community while cultivating a sense of contribution to society and the profession

This student chapter in Govt. Model Engineering College is currently under the guidance of faculties in CEMS (Centre for Energy Management Studies) , Dept. of Mechanical Engg.

The ASME MEC student chapter was inaugurated on 2nd November, 2018. Right from its inception, the chapter focused on:

- Providing training to the students' to become experts in learning.

- Encouraging innovation and excellence in students through various means.
- Promoting better career development opportunities and services for students.
- Arranging expert industrial and research lectures.
- Extending full support for all the national seminars and technical events in the college.
- Enhancing the self-confidence and self-esteem of students.

The ASME MEC Student Chapter has a total of 36 members headed by Dr. Sreenivas P, Associate Professor, Department of Mechanical Engineering as the student section advisor of the chapter. Programs were arranged under the leadership of an executive council having members from Electrical engineering Department and Energy Management.

## **ASME MEC STUDENT CHAPTER 2018-19**

The office bearers of the ASME MEC student chapter of Model Engineering College includes:

Student Section Advisor : Dr.Sreenivas P, Associate Professor,  
Department of Mechanical Engineering  
Student Chapter Chairman : Mr Antony Lulu (Energy Management)  
Student Chapter Vice Chairperson : Adil Sageer (S7 EE)

Executive members:

Secretary : Joel Mathew  
Treasurer : Anjana S (S3 Energy Management)  
Social Media head : Alen Sebastian (S5 EEE)  
Website and creative head : Mahendran (S3 Energy Management)  
Content Head : Chelas Mariam ( S5 EE)  
Event Coordinators : Arun T(S3 Energy Management)  
Megha Jasmin (S3 Energy Management)  
Akhil T Sunny (S5 EEE)

## ACTIVITIES OF ASME MEC STUDENT CHAPTER 2018 -19

Sl no	Programme	Venue	Date	No of participants	Remarks
1	Technical talk	Mtech EM Lab, Model Engineering College	01/11/2018	40	Technical talk on <b>Computational methods in fluid dynamics and electromagnetics</b> by Dr.Anilkumar K R
2	Inaugural ceremony and technical talk	Media Hall, Model Engineering College	09/11/2018	80	Inaugurated by Mr. Anup Nair, Vice President,Hyundai Construction Equipment Company
3	First year orientation programme	Auditorium, Model Engineering College	28/11/2018	60	Orientation talk
4	Machine Learning Workshop	Media Hall. Model Engineering College	26/01/2019	80	A one day hands-on workshop on Machine Learning using OpenCV.

### **Activity No 1: 2nd November 2018**

Event: TECHNICAL TALK

Venue: Energy Management Lab, Govt. Model Engineering College

The first program of the ASME MEC student chapter was conducted on 2nd November 2018 with Pre Inauguration talk on “Computational methods in fluid mechanics and electromagnetics”, by Dr. Anilkumar K R, General Manager at Fluidyn Consultancy Private Limited. He gave a brief description about various computational methods in fluid mechanics and motivated the students with his life journey on reaching his job.



### **Activity No 2: 9th November 2018**

Event: STUDENT CHAPTER INAUGURATION AND TECHNICAL TALK

Venue: Media Hall, Govt. Model Engineering College

ASME MEC Student Chapter was Inaugurated on 9th November 2018 by Mr. Anup Nair, Vice President, Hyundai Construction Equipment Company. Ms. KS Athira, ASME MEC Student Section Chairperson gave the welcome



speech. A brief description on ASME was given by Dr. Sreenivas P, ASME Student Section Advisor. Dr. V P Devassia , Principal of Model Engineering College did the presidential address and Dr. Rajesh V G, Head Of Department, Department of Mechanical Engineering gave the felicitation during the programme. Mr. Nived, ASME Student Section Secretary gave the vote of thanks at the end of the meeting .



### **Activity No 3: 28th November 2018**

Event: ORIENTATION CLASS FOR FIRST YEARS

Venue: Auditorium, Govt. Model Engineering College

Orientation class for first year students focusing on the benefits and opportunities of ASME was conducted by Mr. Antony Lulu Alias, CEO, Redcap Engineering, Mumbai. During the session Dr. Sreenivas P talked about the importance of ASME and various opportunities offered by ASME. Mr. Antony talked about the importance of ASME, carrier, opportunities, E-Fest, online courses and every other spheres offered by ASME to students.

## **Activity No 4: 26th January 2019**

Event: MACHINE LEARNING WORKSHOP

Venue: Media Hall, Govt. Model Engineering College

ASME MEC Student Chapter in association with EMF, Technical Club of Dept. of Electrical Engineering in association with Pacelabs organised a one day workshop on Machine Learning using OpenCV for all students wishing to acquaint themselves with the immensely popular technology.

The workshop covered the following:

1. Introduction to Machine Learning methods
2. Introduction to and installation of OpenCV
3. Image processing using OpenCV
4. Supervised and Unsupervised learning methods, Feature Extraction
5. Training and testing
6. Final Project



### **Activity No 5: 20th October 2019**

Event: TECCHNICAL TALK

Venue: Energy Management Lab, Govt. Model Engineering College

The first program of the ASME MEC student chapter in this academic year was conducted on 20<sup>th</sup> October 2019 with a technical talk on “AI in Sensors for IOT”, by Dr. Archana R, Associate Professor, FISAT, Angamali. Se gave a brief description about the fundamentals of Artificial intelligence, use of sensors in IOT environment.

### **FORTHCOMING EVENTS**

Sl no	Programme	Venue	month	No of participants	Remarks
1	Technical Seminar		November, 2019		Planning stage
2	Technical Work shop		January, 2020		Planning stage

