

# Annual Report

## MECHANICA 2021-2022

“ Excellence is not an act, but a habit ”

# Mechanica – Inauguration 2021-2022

Held on 14/08/2021

Inauguration of Department association – Mechanica 2021-2022

Topic : Webinar on  
***EV ADOPTION IN  
COMMERCIAL VEHICLES***

  
Arutchelvar Dr. N. Mahalingam  
Founder Chairman  
SAKTHI GROUP

**2706**  
COUNSELING CODE

**MCET**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Puliyandilai, Thiruvananthapuram

NAAC  
**A++**  
GRADE

Only Engineering college in  
Tamil Nadu to get the highest  
grade consecutively  
in Cycle 1 (2012) & Cycle 2 (2018)

24  
YEARS  
OF EXCELLENCE

ACTE approved | Affiliated to Anna University

DEPARTMENT OF MECHANICAL ENGINEERING  
**MECHANICA ASSOCIATION 2021-2022**  
**INAUGURATION**  
&  
**ORGANISES A WEBINAR ON**  
**EV ADOPTION IN COMMERCIAL**

Meeting Link :  
<https://bit.ly/37NAyHz>

DATE : 14-08-2021  
TIME : 10:00 AM - 12:00 PM

**CHIEF GUEST**  
**PREETHAM SRI  
KRISHNA VIGNESH**  
Associate Editor, CV News.in  
Executive Director,  
Signature Gifts.

**MECHANICA**

PATRON  
Dr.A.Rathinavelu  
PRINCIPAL  
MCET

CONVENER  
Dr.I.Rajendran  
HOD  
MCET

COORDINATORS  
Dr.VinayagaMuruga  
Pandy N A.P  
Mr.Gnanakumar SA.P

[dmcet.mechanica@gmail.com](mailto:dmcet.mechanica@gmail.com) | [mechanica.dmcet](https://www.facebook.com/mechanica.dmcet) | [mechanica.dmcet](https://www.facebook.com/mechanica.dmcet)

“ Excellence is not an act, but a habit ”

# Webinar

Held on 11/09/2021

Topic : Webinar on  
*Future Trends In  
Automotive Engineering  
and Technology*

  
Arutcheivar Dr. N. Mahalingam  
Founder Chairman  
SAKTHI GROUP

  
Dr. MAHALINGAM  
**MCET**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Empowering Technical Manpower 605016  
AICTE approved | Affiliated to Anna University  
**24** YEARS OF EXCELLENCE

  
NAAC  
**A++**  
GRADE  
Only Engineering college in  
Tamil Nadu to get the highest  
grade consecutively  
in Cycle 1 (2012) & Cycle 2 (2018)

DEPARTMENT OF MECHANICAL ENGINEERING  
MECHANICA ASSOCIATION 2021-2022  
ORGANISES A WEBINAR ON  
"Future Trends in Automotive  
Engineering and Technology"

  
INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education initiative)

Meeting link : <https://bit.ly/3nna3Sf>

DATE: 11-09-2021  
TIME: 02:00 - 03:30 PM

**CHIEF GUEST**

Mr. ASHOKKUMAR KALIMUTHU  
B.E Mechanical Engineering  
Alumni MCET (2001-2005)

Deputy Manager – CAE  
DEA-TD Crash Team Leader  
Renault global projects  
RNTBCL, Chennai .



**PATRON**  
Dr.A.Rathinavelu  
**PRINCIPAL**  
MCET

**CONVENER**  
Dr.I.Rajendran  
**HOD**  
MCET

**COORDINATORS**  
Dr.N.VinayagaMurugaPandy,AP  
Mr.S.Gnanakumar, AP  
Mr.M.Saravanakumar

“ Excellence is not an act, but a habit ”

# Technical Talk

Held on 18/09/2021

Topic : Interactive Session on  
*New Trends In Automotive  
Sector and Opportunities*

 **MCET** | **DR. MAHALINGAM**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Madrakal Road, Palakkad - 642005.  
Esttd. 1998 | AICTE Approved | Affiliated to Anna University

 **MAC** - **Dr. Mahalingam**  
SINCE 1998

DEPARTMENT OF MECHANICAL ENGINEERING  
**MECHANICA ASSOCIATION**  
PRESENTS

**INTERACTIVE SESSION  
ON NEW TRENDS  
IN AUTOMOTIVE  
SECTOR AND  
OPPORTUNITIES.**



**NAME** : Prakash Raja G  
**DESIGNATION** : Testing and Validation Engineer  
**COMPANY** : Daimler India commercial vehicle  
**DETAILS** : Pvt Ltd, Chennai  
**ROLE** : Performance and Emission  
validation for BS VI regulations.

**DATE** : 18 . 09 . 2021  
**TIME** : 3:00 to 4:00PM

**MEETING LINK:** <https://bit.ly/3lxIBP4>

**PATRON** : Dr. A. Rathinavelu  
**Principal, MCET**

**CONVENER** : Dr. I. Rajendran  
**HOD, MCET**

**CO-ORDINATORS** : Dr. Rama Thirumurugan, Prof  
Dr. N. Vinayaga Muruga Pandey, AP  
Mr. S. Gnanakumar, AP

 drmcet.mechanica@gmail.com  mechanica.drmcet  mechanica.drmcet

“ Excellence is not an act, but a habit ”

# Knowledge Sharing Session

Held on 23/11/2021

Topic : PNP E-Vehicles Team  
*Indigenous Development of E-Bicycle*



**MCET** | DR. MAHALINGAM  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Udumalai Road, Pollachi- 642003.  
Estd. 1998 | AICTE Approved | Affiliated to Anna University

Dr. N. Mahalingam  
Founder Chairman | Sree Group

NAAC A++ GRADE  
Cycle 2 (2019-2023)

Department of Mechanical Engineering

**MECHANICA ASSOCIATION  
2021-2022**

INSTITUTION'S INNOVATION COUNCIL  
Ministry of Education, Government of India

Organises Knowledge sharing session on  
**Theme - Go green - Promote environment friendly mobility.**

SAVE MONEY- FOSTERS HEALTH - SMOOTHES  
MOVEMENT - TRIGGERS JOY

**Resource Persons :**  
Pavithrankumar P  
Niranjan Murthy B V  
Prajwal K P

Date: 23-11-2021  
Time: 3.30 - 4.15

Meeting link <https://bit.ly/3xs9hq9>

<b>PATRON</b> Dr.A.RATHINAVELU PRINCIPAL-MCET	<b>CONVENER</b> Dr.I Rajendran	<b>COORDINATOR</b> Dr. Rama Thirumurugan, Dr. N Vinayaga Muruga Pandy, Mr Gnanakumar
---	-----------------------------------	--

“ Excellence is not an act, but a habit ”

# Technical Talk

Held on 02/12/2021

Topic :

***Introduction to PLM***

**MCOET** | **Dr. MAHALINGAM**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Udumalai Road, Pollachi, Coimbatore District 642003  
Estd. 1988 | AICTE Approved | Affiliated to Anna University  
An Autonomous Institution Since 2011  
NAAC A++ GRADE  
Cycle 2 (2018-2023)  
The Highest Grade

Department of Mechanical, Automobile, Mechatronics and  
Production Engineering

Invited Talk by  
**Mr. Ananthakumar Mani**  
Vice President – PLM  
Capgemini Engineering India  
Bangalore

**MCOET**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Enlightening Technical Minds. ©2020-2021

Date: 02.12.2021  
Time: 3.00 pm to 4.00 pm  
Venue: CS Hall

Capgemini

“ Excellence is not an act, but a habit ”

# Knowledge Sharing Session

Held on 24/02/2022

Topic : Webinar on  
***Introduction to MBSE and MBPLE***

 **MCET** | **Dr. MAHALINGAM**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Udamalai Road, Pollachi, Coimbatore District 642003  
Estd. 1996 | AICTE Approved | Affiliated to Anna University  
An Autonomous Institution Since 2011

 NAAC A++ GRADE  
Cycle 2 (2018-2023)  
The Highest Grade

**DEPARTMENT OF MECHANICAL ENGINEERING**

**MECHANICA 2021-2022**  
(Association of Mechanical Engineering)  
In Association with  
**Indian Society for Technical Education**  
MCET-ISTE Student's Chapter (TN 87)  
Organises a webinar on  
**“Introduction to MBSE and MBPLE”**

 Capgemini

 Resource person:  
**Raphael Henrique MADEIRA,**  
**MBSE & MBPLE Technical Leader,**  
**Airbus Commercial, Germany**

Date : 24.02.2022  
Time : 12.30 to 01.45 PM

Meeting Link: <https://bit.ly/3H7EJkM>

Patron Dr. A.Rathinavelu Principal- MCET	Convener Dr. I.Rajendran, HoD, Mech	Coordinator Dr. N.Vinayaga Muruga Pandey Mr. S.Gnanakumar
--	---	---

“ Excellence is not an act, but a habit ”

# Webinar

Held on 24/03/2022

## Topic : Webinar on *Process of Innovation Development and Technology Readlines Level*

**MCET** | **Dr. MAHALINGAM**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Udumalair Road, Pollachi, Coimbatore District 642003  
Estd. 1988 | AICTE Approved | Affiliated to Anna University  
An Autonomous Institution Since 2011  
MAAC A++ GRADE  
Cycle 2 (2019-2021)  
The Highest Grade

**EDII-TN**  
Entrepreneurship  
DEPARTMENT OF ENTREPRENEURSHIP  
GOVERNMENT OF TAMIL NADU

**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of Education Initiative)

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**MECHANICA 2021-2022**  
(Association of Mechanical Engineering)  
In Association with  
**MCET-ED cell & Centre for Innovation  
Business Incubation and Entrepreneurship**  
Organises  
**EDII-TN-ED Cell AURCC Supported  
Webinar on "Process of Innovation  
Development & Technology Readiness  
Level"**

Resource Person



**Mr. Vishal Nair**  
Co Founder & Director,  
LightNSalt Pvt. Ltd., Palakkad.

Date : 24.03.2022  
Time : 2.00 PM to 3:30 PM  
Venue: Mechanical Seminar Hall

<b>Patron</b> Dr. A.Rathinavelu Principal- MCET	<b>Convener</b> Dr. I.Rajendran, HoD/Mech	<b>Coordinator</b> Dr.D.Nathan Dr. N.Vinayaga Muruga Pandy Mr. S.Gnanakumar
---	---	--

“ Excellence is not an act, but a habit ”



# Contest

Held on 07/04/2022

Topic :

## *CAD Modelling Contest*



Department of Mechanical Engineering  
**MECHANICA 2022-2023**

ISTE students chapter

## **CAD Modeling Contest**



Date: **07/04/22**  
Time: **2:00PM - 4:00PM**  
Venue: **DJB 519**

“ Excellence is not an act, but a habit ”

# Webinar

Held on 13/04/2022

Topic : Webinar on  
*Opportunities after  
Engineering through  
GATE / ESE / PSU*

 **MOET** **Dr. MAHALINGAM**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Udamalai Road, Pollachi, Coimbatore District-642003  
Estb. 1995 | AICTE Approved | Affiliated to Anna University  
An Autonomous Institution Since 2011

 **NAAC A++ GRADE**  
Cycle 2 (2018-2023)  
The Highest Grade

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**MECHANICA 2021-2022**  
(Association of Mechanical Engineering)  
in association with  
**ACE Engineering Academy**  
Organises Webinar on  
**“Opportunities after Engineering  
through GATE/ESE/PSU”**

**Resource Person**



**Date : 13.04.2022**  
**Time : 3.30 PM to 4:30 PM**

Shankar Jarasandh Wadne,  
Sr Faculty, GATE/ ESE  
Mechanical Engineering  
Department,  
ACE Engineering Academy,  
Hyderabad.

**Teams Meeting Link :**  
<https://msteams.link/LCFK>



**Patron**  
Dr. A.Rathinavelu,  
Principal / MCET

**Convener**  
Dr. I.Rajendran,  
HoD / Mech

**Coordinator**  
Dr. N.Vinayaga Muruga Pandey  
Mr. S.Ganakumar

“ Excellence is not an act, but a habit ”

# Farewell

Held on 18/05/2022

## Topic : *Farewell for 2018-2022* Batch



  
Arutchelvar Dr. N. Mahalingam  
Founder Chairman  
SAKTHI GROUP

  
Dr. MAHALINGAM  
**MCET**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Enlightening Technical Minds ESTD.1998

  
**NAAC  
A++  
GRADE**

AICTE approved | Affiliated to Anna University

2706  
COUNSELING CODE

  
24  
YEARS  
OF EXCELLENCE

Only Engineering college in  
Tamil Nadu to get the highest  
grade consecutively  
in Cycle 1 (2012) & Cycle 2 (2018)

**DEPARTMENT OF MECHANICAL, MECHATRONICS &  
PRODUCTION ENGINEERING**  
MECHANICA ASSOCIATION 2021-2022

*We all these days remained together with bound  
memories to cherish ☀️.....More memory we will gather,  
to share again before we perish 💖*

We Heartly Invites you all to  
Celebrate the  
**FAREWELL** 🌸  
for 2018-2022 Batch

**DATE :18/05/2022**  
**TIME :3:30PM - 4:30PM**  
**VENUE :CS HALL**



PATRON	CONVENER	CO-ORDINATORS
Dr.A.Rathinavelu PRINCIPAL, MCET	Dr.I.Rajendran HOD, MCET	Dr.N. Vinayaga Muruga pandy Mr.S. Gnanakumar

**“ Excellence is not an act, but a habit ”**

# Valedictory Function

Held on 16/06/2022

Topic : Q&A Session on  
*Recent Trends in  
Aerospace Industry*

 **MOET** | **Dr. MAHALINGAM**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
Udumalair Road, Pollachi, Coimbatore District 642003  
Estd. 1998 | AICTE Approved | Affiliated to Anna University  
An Autonomous Institution

 **NAAC A++ GRADE**  
Cycle 2 (2018-2023)  
The Highest Grade

## DEPARTMENT OF MECHANICAL ENGINEERING

### MECHANICA

(Association of Mechanical  
Engineering)  
Organises

### Valedictory Function of MECHANICA

Recourse Person



**Mr. Karthik Shankar**  
Structures Safety and Airworthiness  
Engineer, Boeing Commercial Airplanes,  
Long Beach, California

**Date : 16.06.2022**  
**Time : 3.00 PM to 4:30 PM**  
**Venue: Electrical Seminar Hall**

<b>Patron</b> Dr. A.Rathinavelu Principal- MCET	<b>Convener</b> Dr. I.Rajendran, HoD/Mech	<b>Coordinator</b> Dr.D.Nathan Mr. S.Gnanakumar
---	---	---

“ Excellence is not an act, but a habit ”

**THANK YOU**

**“ Excellence is not an act, but a habit ”**