

MECH BULLETIN 2018



MIET ENGINEERING COLLEGE

VOLUME NO :1
ISSUE :2



Department of Mechanical Engineering

About us

The Mechanical Engineering department was started in the year 1998 and the first batch graduated in 2002. The department has dedicated, qualified and experienced faculty members with specialization in various fields of knowledge. Workshops and symposiums are organized every year by the department to update the students with the latest/upcoming technological developments.



Department Vision and Mission

Vision

- Establish a globally recognized school of Excellence in the field of mechanical engineering.

Mission

- Impart quality education in Mechanical Engineering through effective teaching – learning techniques.
- Provide necessary infrastructure and facilities for the student's personal and professional growth.
- Expose to specialized mechanical engineering domains to harness evolving technologies.

Create awareness in ethical practices followed internationally.



Er. A. Mohamed Yunus
Chairman
M.I.E.T. Institutions

CHAIRMAN MESSAGE:

M.I.E.T Educational Institutions strives to excel by providing unparalleled excellence in academic prospective in a congenial atmosphere. The budding pillars here are given scrupulous value based education to mould themselves as diligent citizens. To build a harmonious society, M.I.E.T fosters comprehensive and collective practices uncompromising on the quality of education that is installed positively. The focus is also to nature intellectual and cognitive developments in the changing scenario as a catalyst to grow with the transformation in the country.

A holistic essence of positive sign has spread throughout for Engineering and management education. The learning practices with innovation and interest will definitely upscale the standards to serve the future generation. This has been proved here through the immense programs conducted and attended by our staff and students. The continual involvement disseminated in our campus to keep abreast of all the advancement emerging globally is appreciable. I am here to encourage you to explore and seek great opportunities available to reach the pinnacle of eminence in all endeavors.

PRINCIPAL MESSAGE:

In a fast developing nation like ours, the technical education proves to be the backbone and stepping stone to move into the domicile of a developed nation. It is well acknowledged that Engineers are vital to augment the economy and society. Manifestly their knowledge and skills are in high demand across a range of sectors, from manufacturing to financial services.

So it becomes the imperative responsibility of the technical institutions to harvest talented engineering professionals to meet the current and future demand across the globe. Our M.I.E.T. Engineering College has been enthusiastically contributing in the mission of transforming the rural India into developed nation by administering the institution with a high degree of innovation, creativity, human intelligence and passion towards excellence.

In-plant Training / Paper Presentations/ Workshop-Students

- P. Santhosh Kumar and V. Vignesh of final year students has participated in paper presentation event on the topic “Analysis of composite leaf spring” at KSR College of Engineering, Triuchengode on 15.02.2019.
- G.Devendran and S.Dinesh of final year students has participated in the paper presentation event on the topic “Experimental investigation of production of biodiesel from waste cooking oil” at Sudharsan Engineering college, Pudukottai on 01.03.2019.
- C.Ambicapathy of final year student has got Third prize in the paper presentation event on the topic “Experimental investigation of production of biodiesel from waste chicken fat” at M.A.R Engineering college, Pudukottai on 08.03.2019.
- C.Ambicapathy of final year student has got First prize in the event “CNC simulation” held at M.A.R Engineering college, Pudukottai on 08.03.2019.
- M.Manikandan and J.Mohamed bashar of third year students has participated in the paper presentation event on the topic “Design and fabrication of super bike 80cc model” at M.A.R Engineering college, Pudukottai on 08.03.2019.
- S.Mohamed riyaz has got First prize in the competition “Remodelling of bike” in the name of “Green vehicle” held at M.A.R Engineering college, Pudukottai on 08.03.2019.
- M. Venkatesh of final year student has participated in “Quiz competition” held at KSR College of Engineering, Triuchengode on 15.02.2019.
- P. Santhosh Kumar of final year student attended the workshop on “Automotive” during Mettle 2019 at National Institute of Technology (NIT), Trichy.
- D.Karthikeyan of third year student has attended one day workshop on “CNC machining-II (VMC)’ at Madras Institute of Technology (MIT), Chennai, , as part of EXPRO’19 on 08.03.2019 & 09.03.2019.
- D.Karthikeyan of third year student has attended one day workshop on “Design and development of Quadcopter UAV for payload delivery” at DAKSH’19, the International Techno-Management fest, at SASTRA Deemed university, Thanjavur on 22.02.2019 and 23.02.2019.

- D.Karthikeyan of third year student has attended one day workshop on “Unconventional machining” at Madras Institute of Technology (MIT), Chennai, as part of EXPRO’19 on 08.03.2019 & 09.03.2019.
- S.Samuel, R.Fahad Aameer, R.Hariharan, M.Chandra kumar, S.Eswaran, Antony david, G.kalaivendan, M.Akash, M.Mohamed Thahiran, B.Murali brishman, A.Arun, P.Kaviyarasan, M.Balakumaran, S.Mohamed Ibrahim, J.abdul riyaz, K.Azarutheen, S.Akash varma, R.Jafer hussain ahamed, Y.Balamurugan, M.George Andrews, Kamaludeen, R.Vignesh, G.Balaji, A.Mahadeer, S.Mohamed aathil, B.A.Vassimahamed, P.S.deepan chakravarthy, B.Manikandan, S.Nanda kumar, S.Riswanth, S.N.Syed peer javeed, K.srihari santhanu, S.Sivaraman, R.Sukumaran, K.Prasanth, M.Pandi, S.Mohamed syed, M.Rameez ali raja, Robin mano have attended one day workshop on “An Overview of MEP services in building industry” on 9.3.2019 at CEFMA in association with UNIQUE MEP Engineering academy PVT. LTD., Trichy
- M. Manikandan of third year student secured 1st place in the “Dance competition” held at J.K.K Munirajah college of technology, Erode.

Doctoral Degree Conferred

- Mr. K. Ramesh, Associate professor has successfully defended his Thesis entitled “Optimization of cutting layout for sheet metal blanks using traditional and non-traditional techniques” in Ph.D. Viva voice examination held at Saranathan college of Engineering, Trichy on 01-10-2018.

Symposium / Seminar organized

Department Of Mechanical Engineering has Organized National Level Technical Symposium **YANTRAM’19** on 23-02-2019. Mr.V.Ramachandran, General Manager, Kothari Sugars and Chemicals Limited, Trichy was the honourable Chief Guest for inaugural function.



Mechanical department Symposium Poster



Dr. T. Karthikeyan, Director (Planning & Development), MIET Engineering College delivering the Felicitation address



Chairman honouring the Chief Guest of Inaugural function



Dr. X. Susan Christina, Principal, MIET Engineering College delivering the Felicitation address



K. Maheshwaran of final year student delivering the Annual report



Active participants on CAD Modeling competition



Model of Air Assisted engine on Project Expo Competition



Dr. D. Nagarathinam, Principal, Theni Kammavar Sangam College of Technology, Theni delivering the Valedictory address



Participants from various events receiving prizes from Chief Guest

- A seminar on “Overview of Research Methodology” was conducted on 09.01.2019 by Research and Development cell (R&D). Dr. P. Selvamani, Associate Professor, Department of Pharmaceutical Technology, Anna University, Trichy was the Chief Guest.



Dr. X. Susan Christina, Principal, MIET Engineering College honouring the chief guest

- Parents meet was conducted by Mechanical Engineering department on 24.09.2018.



Parents Meet 2018

- College Alumni meet was conducted on 27.01.2019 at M.I.E.T. Engineering college, Trichy Auditorium.



Mechanical department Alumni meet 2019

Mechanical Engineering Department

Placement Details

The following passed out students belongs to 2014-2018 batch have been placed in various companies.

The following students have been placed as “Agency leaders” in M/s. IDBI Federal Life Insurance, Coimbatore on 26.09.2018.

S.No	Name
1	T.Joseph Pathiyanathan
2	S.Vigneshraja
3	S.Mohamed Rahil
4	N.Mubarak Ali
5	M.NabeelAhamed
6	A.Akash
7	M.Ariff Kamaldeen
8	L.Ferose Ahamed
9	M.Gouthamraj
10	M.Parthasarathy

The following students have been placed as “Management trainee” in M/s. Kotak Mahindra Life Insurance, Coimbatore on 20.09.2018.

S.No	Name
1	M.Parthasarathy
2	R.Sathishkumar
3	MS.Fasil Ahmed
4	A Mohammed muzzamil
5	M.Mohammed yazhar
6	A.Abuthakir Fareed
7	S.Sivashankar
8	S.Anandhan
9	A.Alwhar Balaji
10	J.Tom Alan Doss
11	P.Santhoshkumar
12	Alfred John
13	TS Sooriya Prakash

The following students have been placed as “Graduate Engineer trainee” in M/s. Perfect Engineers, Coimbatore on 05.03.2019.

S.No	Name
1	M.Venkatesh
2	R.Rajasekar
3	Mathiselvan
4	B.Nandhakumar
5	A.Alwar Balaji
6	B.Bharathi
7	K.R.Aravinthan
8	T.Susendara Vasan
9	S.Dinesh
10	S.Dinesh kumar

S.No	Name
11	M.Arun kumar
12	P.Santhoshkumar
13	P.Santhoshkumar
14	M.Gouthamraj
15	S.Muthukumar
16	K.R.Aravinthan
17	K.Pappuraja
18	R.Venkatesan
19	A.Hareesh
20	P.Balamurugan
21	K.Anaest Raj
22	C.Ambikapathi
23	S.Gopalakrishnan
24	A.Pari
25	A.Maruthupandiyar
26	R.Manikandan
27	Alfred John

The following students have been placed as “Graduate Engineer trainee” in M/s. SS Fasteners Private Ltd., Coimbatore on 05.03.2019.

S.No	Name
1	N.Mubarak Ali
2	J.Mohammed ibrahim Ali
3	K.Mohamed Ibrahim
4	S.Shalik mohamed
5	A.Lenin
6	S.Gokulakrishnan
7	V.Manikandan
8	J.Mohammed ibrahim Ali

The following students have been placed as “Engineer trainee” in M/s. LG BALAKRISHNAN & BRO’S PVT. LTD on 05.03.2019.

S.No	Name
1	L.Infant Fredrick
2	N.Mohamed Asif
3	Mohamed Farook
4	S.Mohamed Ismail
5	A.M.N.Mohamed Shaik
6	Nasik Ahamed
7	N.S.Mohamed Sherif
8	M.Mohammed Irfan
9	J.John Venis
10	K.Mohamed Hanifa
11	S.Dinesh kumar
12	T.Joseph Pathiyathan
13	T.Haamith Asraf
14	V.Naveen Vignesh
15	R.Suresh
16	A.Jegan Prabhu
17	K.Aravindh
18	A.B.Abdul Jaffar
19	M.Dhinesh
20	T.Arul Praveen
21	T.Praisson Abraham
22	V.Vignesh
23	A.Lenin
24	A.Pari
25	S.Anandhan
26	R.Sathish kumar
27	J.Gunaseelan
28	T.Rajasekaran
29	J.Kadar Meera
30	U.Anees Mohamed

31	E.Kaviyarasan
32	M.Kalaisevam
33	V.Nandha kumar
34	R.Venkatesan
35	V.Ramkumar
36	G.Devendran
37	M.Parthasarathy
38	K.Mohammed Abdullah
39	S.Mohammed Rahil
40	U.Anees Mohamed

The following students have been placed as “Graduate Apprentice trainee” in M/s. SHARDHA MOTORS, Chennai.

S.No	Name
1	Alfred John
2	S.Gokulakrishnan
3	K.Maheswaran
4	I.Blessing
5	R.Karunakaran
6	S.Muthukumar
7	S.Anandhan
8	T.S.Sooriya Prakash
9	K.A.Karuppu Durai
10	A.Akash
11	B.Premkumar
12	B.Nanthakumar
13	K.R.Aravinthan
14	S.Sivasankaran
15	M.Venkatesh
16	A.B.Abdul Jaffar
17	A.Alwar Balaji

The following students have been placed as “Trainee recruiter” in TENPATH SOLUTIONS.

S.No	Name
1	R.Manuram
2	A.Mohammed Muzzamil

The following students have been placed as “IT recruiter” in M/s.VDART INC Trichy

S.No	Name
1	Logasarthi.M

Students Sports Activities

a) CHESS

i) Anna university Zone # 13 Chess tournament held at AU- BIT Campus on 04-09-2018, Our College **MEN** team secured Third place in the tournament.

S.NO	NAME	YEAR
01	A.Jakir Hussain	II

b) VOLLEY BALL

Anna university Zone # 13 **Volleyball** tournament held at Saranathan college of Engineering on 10-09-2018, Our college **MEN** team secured **Third** place in the tournament.

S.NO	NAME
01	N.S .Mohamed Sherif
02	K.Akash
03	A.Baseer Ahamed
04	S.Mohamed Safeek
05	A.Fizal

c) BADMINTON

i) Anna university Zone # 13 Badminton tournament held at AU- BIT Campus on 27-08-2018, Our College **MEN** team secured **Fourth** place in the tournament.

	NAME
01	A.Ranjith Kumar
02	K.Ramana Priyan
03	B.Prem Kumar
04	G.Balaji

f) FOOTBALL

Anna university Zone # 13 Football tournament held at J.J College of Engineering & Technology ,Trichy on 14-09-2018 & 15-09-2018, Our college **MEN** team secured **Fourth** place in the tournament.

S.NO	NAME
01	S.Asikdeen
02	K.Mohamed Abdullah
03	M.Kalaiselvan
04	I.Mohamed Sharif
05	S.Parthiban
06	K.Mohamed Abdullah
07	S.Mohamed Rahil
08	M.Manoj

g) BALL BADMINTON

Anna university Zone # 13 **Ball badminton** tournament held at Government College of Engineering & Technology , Srirangam on 26-09-2018, Our College **MEN** team secured **Fourth** place in the tournament.

S.NO	NAME
01	A.Ranjith Kumar
02	N.Mohamed Anas
03	K.Mari Selvam
04	A.Fizal
05	J.Mohamed Basshar
06	G.Balaji
07	G.Haja Kamaludeen
08	M.Sathish

d) ATHLETICS

Anna university Zone # 13 **ATHLETICS** meet held at J.J College of Engineering & Technology , Trichy on 10-10-2018 & 11-10-2018, Our College **MEN** secured places in the 100m event.

S.N O	NAME	YEAR	PLACE
01	T.Vijay Krishnan	II	BRONZE

e) KABADDI

i) 15th District level Kabaddi Tournament held at Puthupalapattu, Villupuram (DT) on 05-01-2019. Our college students Kabaddi team participated in the tournament and secured third place in the tournament and won cash prize for Rs.7015.

S.NO	NAME
01	R.Enyathullah
02	S.Ajmal
03	S.Abbu Fizal
04	R.Fizal

ii) 2nd District level Kabaddi Tournament held at Adaikalampatti, Manaparai on 23 & 24-02-2019. Our college students Kabaddi team participated in the tournament and secured third place in the tournament and won cash prize for Rs.7011.

S.NO	NAME
01	R.Enyathullah
02	S.Ajmal
03	M.Jaffer Sathick
04	U.Abdul Rahman Fahath
05	S.Abbu Fizal
06	R.Fizal

Faculties/ Students Publications

- Dr.C.Ahilan, Dr.D.Saravanan and Dr.S.Thiyagarajan, Professors has published a Journal paper on “Optimization of process parameters in ECMM of nickel alloy using Taguchi based grey relational analysis” on International Journal of Management, IT and Engineering, Vol. 8, Issue:12(1),Page no:204-217.
- Mr.S.SenthilKumar, Assistant professor has published a Journal paper on “Experimental investigation and optimization of Edm of MMNC” Engineering science and technology, an international journal, ISSN NO:2215-0986.
- Mr.K .Panneer Selvam, Assistant professor, Dr. K.Ramesh, Associate professor has published a Journal paper on “Analysis of Composite leaf spring over Metal leaf spring of light motor vehicle suspension” Journal of applied science and computations, ISSN NO:1076-5131.

- Mr.K.Rajasekar, Mr.V.Pandiaraj, Mr.K Sundaravadivel and Mr.I.Devaraj, Assistant professor has published a Journal paper on “A Comparative Study of Terminalia Chebula Seed Bio Diesel” Journal of applied science and computations, ISSN NO:1076-5131.
- Mr.A.Jeyanthan, Mr.D.Senthilkumar and Mr.E.Manikandan, Assistant professor has published a Journal paper on “ Experimental Analysis of Convective Heat Transfer through Rough and Smooth Surfaced Aluminium 6081 Pin-Fin Apparatus” Journal of applied science and computations, ISSN NO:1076-5131.
- Mr.A.Pandianathan and Mr.S.kumaradevan, Assistant professor has published a Journal paper on “Development of aluminum based silicon carbide and CNT Particulate metal matrix composite (MMC’s) for spur gear” on International Journal of Research, ISSN NO : 2236-6124Volume 7, Issue V, MAY/2018.
- N.Mohamed Asif and K.Maheshwaran of final year students has published a Journal paper on “Smart route potential generation by using insolent plate system combined with cosmic panel” on International journal of advanced research, ideas and innovations in technology, volume 5, Issue:2, March-April 2019.

Chief Editor

Dr. D. Saravanan, HOD

Co- Editor

Mr. M. Kirubakaran, AP

Students Editors

C. Ambicapathi

J. John venis