



# MEA

## Mechanical Engineering Association News-Letter

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# Seminars / Workshop organised by the faculty members

Our department of Mechanical Engineering organised a seminar on "Procedure for filing of Indian Patent Application" on 07-08-2019 for all the university faculty members and students. Mr M Ram Jawahar, Assistant Controller Of Patents and Designs, Intellectual property office, Department of Industrial policy and promotion, Ministry of Commerce and Industry delivered a topic on filing patent application during the occassion. Dr T Rajmohan, Associate Professor/HOD, Mechanical Engineering organised the event.



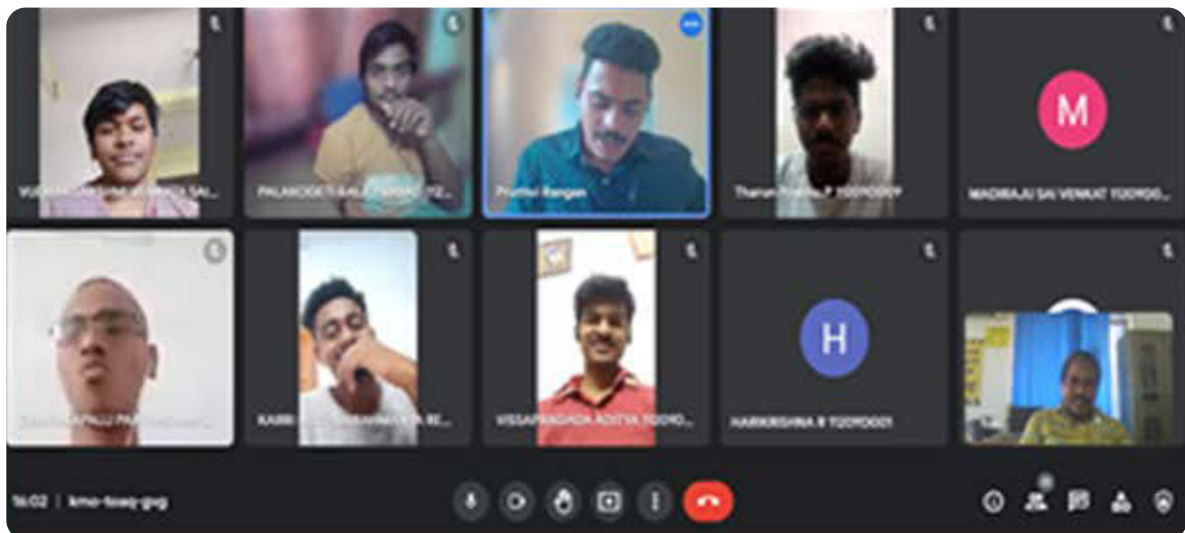
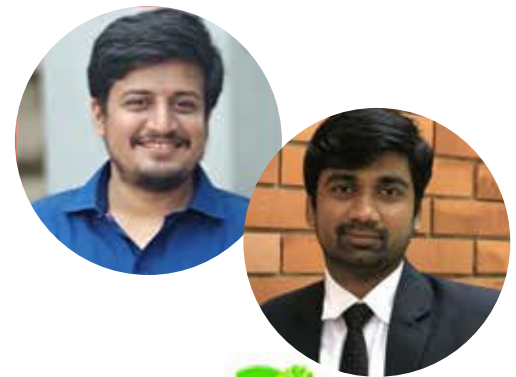
Our department of Mechanical Engineering organised a one day workshop on "Challenges of HVAC in industries" on 05-02-2020 for all the university faculty members and students. Mr. Ravi Kiran, Executive Engineer from Dhanush Engineering Services (India) Private Limited, Hyderabad delivered a above topic. Totally 81 participants were participated during the occassion. Dr K Palani, Assistant Professor, Department of Mechanical Engineering co-ordinated the event.

Our department organised a lecture on "Career oppurtunities for mechanical engineering" on 04-02-2020 at seminar hall, mechanical engineering block. Mr Kalai Priyan, Manageing Director, Free Tech Cafe, Chennai delivered a lecture on the above topic. Totally 140 students from IV - year mechanical engineering were participated during the occassion. Dr R Vinayagamoorthy and Mr. G Venkata Koteswara Rao co-ordinated the event.



# Seminars / Workshop organised by the faculty members

A program on "Startups" organised by our department on 01-02-2022 through online. Mr Guru Vignesh & Mr Dinesh Narayanan, Co-Founders of Impensus Electronics Ltd, Chennai delivered a lecture on the above topic. Totally 85 students participated during the event. Dr R Vinayagamorthy and Mr G Venkata Koteshwara Rao, Assistant Professor (s), Department of Mechanical Engineering co-ordinated the event.



Our department organized a one-week language workshop on "Fundamentals of German Language" through online from 07-03-2022 to 12-03-2022. Department alumni student (2017-21) Mr K Prithvi Rangan (11179D059) taught language classes during the session. Dr K Palani, Assistant Professor, Department of Mechanical Engineering coordinated the event during the occasion.

A technical workshop in association with "Council of scientific & industrial research (CSIR)" Ministry of Science & Technology, Chennai. Dr. D. Kalpana, Senior Scientist, CSIR, Chennai delivered online an "Advancement in Fuel Cell Technologies for E-Vehicle" on 01-03-2022. Dr S Arumugam, Associate Professor, Department of Mechanical Engineering coordinated the event.

# Faculty Development Program (FDP) participated by the faculty members

S No	Date	Faculty Name	Event name	Venue
1	20.09.2021 to 24.09.2021	S Arumugam	Faculty Development Programme on "Challenges & Opportunities for research in Mechanical Engineering: Present & Future"	Karunya Institute of Technology & Sciences, Coimbatore
2	13-09-2021 to 18-09-2021	S Arumugam	Faculty Development Programme on "Advanced Manufacturing Technology"	SRM Institute of Science & Technology, kattankulathur
3	13-09-2021 to 18-09-2021	A Nandakumar	Faculty Development Program on Advanced Manufacturing Technology.	SRM Institute of Science & Technology, kattankulathur
4	20.09.2021 to 24.09.2021	A Nandakumar	Faculty Development Programme on "Challenges & Opportunities for research in Mechanical Engineering: Present & Future"	Karunya Institute of Technology & Sciences, Coimbatore
5	27-12-2021 to 31-12-2021	A Tamilarasan	ATAL FDP Course on "Foundations of Data Science and Machine Learning for Cross-domain Applications"	PSG College of Technology, Coimbatore
6	20-09-2021 to 24-09-2021	D Vijayan	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Green Technology: Applications in Manufacturing"	NIT, Patna
7	06-12-2021 to 10-12-2021	D Vijayan	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "3D printing and design of metals and polymers"	IIT, Indore
8	16-06-2021 to 22-06-2021	R Vinayagamoorthy	Six days Inline FDP on "Recent Developments in Material Science – 21"	Sree Saraswathi Thyagaraja College, Pollachi
9	22-06-2021 to 26-06-2021	R Vinayagamoorthy	Six days International Online FDP on "Thrust Areas of Research in Mechanical Engineering"	Geethanjali Institute of Science and Technology, Andhra Pradesh.
10	28-06-2021 to 03-07-2021	R Vinayagamoorthy	One week AICTE STTP on "Innovations and Challenges in Industry 4.0 Automation and Smart manufacturing"	Kallam Haranadhareddy Institute of Technology, Guntur, Andhra Pradesh

# Faculty Development Program (FDP) participated by the faculty members

S No	Date	Faculty Name	Event name	Venue
11	08-06-2021 to 14-06-2021	S D Sathish Kumar	Faculty Development Program (Online) on Online Tools for Research & Analysis	Teaching Learning Centre, Ramanujan University of Delhi College,
12	22-06-2021 to 28-06-2021	S D Sathish Kumar	Faculty Development Program (Online) on Safety and Security in Online Teaching	Teaching Learning Centre, Ramanujan University of Delhi College,
13	22-06-2021 to 28-06-2021	S D Sathish Kumar	Faculty Development Program (Online) on Multimedia Tools for Teaching and Learning	Teaching Learning Centre, Ramanujan University of Delhi College,
14	08-04-2021 to 03-05-2021	P Vithya	Faculty Development Program on "Advanced Manufacturing Technology	SRM institute of science & technology, Chennai
15	21-02-2022 to 03-03-2022	P Vithya	Ten days Faculty Development Programme on Applications of Artificial Intelligence in Digital Manufacturing	Sri Sai Ram Engg College, Chennai.
16	28-06-2021 to 03-07-2021	R Balakumar	AICTE Sponsored one week online Short-Term Training Program (STTP - Phase-II) on "Innovations and Challenges in Industry 4.0 Automation and Smart Manufacturing	Kallam Haranadhareddy institute of technology, Guntur
17	24-05-2021 to 29-05-2021	R Ellappan	Six Days Faculty Development Programme on (FDP) On Simulation of life sciences	Andra pradesh state skill development corporation.
18	24-05-2021 to 29-05-2021	P Chengareddy	13th Summer School in Tribology	Tribology Society of India
19	20-09-2021 to 24-09-2021	G Venkata Koteshwara Rao	Faculty Development Programme on "Challenges & Opportunities for research in Mechanical Engineering: Present & Future"	Karunya Institute of Technology & Sciences, Coimbatore.

# Journal published by the faculty members

S No	Faculty Name	Journal Title	Journal Name	Year	Page No	Impact Factor
1	T Rajmohan	Influence of fiber content on tensile and flexural properties of Ramie / Areca fiber composite - An algorithmic Approach using Firefly algorithm	Bio-Fiber Reinforced Composite Materials - Springerlink	2022	235-252	
2	T Rajmohan	Dynamic Mechanical Analysis (DMA) of Natural Fibre Reinforced Polymer Matrix Composites (NFRPMC) - Review	Bio-Fiber Reinforced Composite Materials - Springerlink	2022	301-316	
3	S Arumugam	Sustainable machining of hastelloy in EDM using nanoparticle-infused biodegradable dielectric fluid	Arabian Journal for Science and Engineering	2021	2191 - 4281	2.334
4	S Arumugam	Vegetable Oil Based Compressor Oil-optimising of Tribological Characteristics	Australian Journal of Mechanical Engineering	2022	2204-2253	
5	S Arumugam	Degradation of engine components upon exposure to chemically modified vegetable oil-Based automotive lubricant	Journal of the Indian Chemical Society	2021	0019-4522	
6	S Arumugam	Influence of Biodegradable Refrigeration Oil in Household Refrigerator Compressor: An Experimental and Tribological Investigation	Journal of Bio-and Tribo-Corrosion	2021	2198-4239	
7	S Arumugam	Vegetable Oil Based Biodegradable Refrigeration Oil-an Optimization of Tribological Characteristics Using D-optimal Design	Tribology in Industry	2021	2217-7965	

# Journal published by the faculty members






S No	Faculty Name	Journal Title	Journal Name	Year	Page No	Impact Factor
8	A Arunpremnath	Mechanical and Physical Properties of Pineapple Leaf and Sun Hemp Fibre Reinforced Hybrid Natural Composite Fabricated by Compression Moulding Method	Journal of Bionic Engineering	2021	1672-6529	2.683
9	A Arunpremnath	Mechanical Properties of Biodegradable Calotropis Gigantea-Jute Fibre Hybrid Composite	Advances in Materials and Manufacturing Engineering	2021	595 - 601	
10	A Tamilarasan	Nd: YAG laser cutting of Hastelloy C276: ANFIS modeling and optimization through WOA	Materials and Manufacturing Processes	2021	1-15	4.616
11	A Tamilarasan	On process analysis and optimisation of Nd:YAG laser cutting characteristics of Ti-6Al-4V alloy using RSM and NSGA-II	International Journal of Manufacturing Technology and Management	2021	386-406	
12	A Tamilarasan	Optimization of Process Parameters in AWJ Cutting of Pineapple Fiber Reinforced Polymer Composites: Hybrid SCCSA Algorithm	Bio-Fiber Reinforced Composite Materials - Springerlink	2022	125-140	
13	D Vijayan	Influence of fiber content on tensile and flexural properties of Ramie / Areca fiber composite - An algorithmic Approach using Firefly algorithm	Bio-Fiber Reinforced Composite Materials - Springerlink	2022	235-252	
14	D Vijayan	Dynamic Mechanical Analysis (DMA) of Natural Fibre Reinforced Polymer Matrix Composites (NFRPMC) - Review	Bio-Fiber Reinforced Composite Materials - Springerlink	2022	301-316	

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S No	Faculty Name	Journal Title	Journal Name	Year	Page No	Impact Factor
15	R Vinayagamoorthy	Bio-fibre Reinforced Polymeric Composites for Industrial, Medicine and Domestic Applications	Bio-Fiber Reinforced Composite Materials - Springerlink	2022	31-49	
16	R Vinayagamoorthy	Development and characterization of bio-composites using senegalia catechu resin	Polymers and Polymer Composites	2021	S1268-S1279	2.00
17	P Vithya	Vegetable Oil based Biodegradable Refrigeration Oil - An Optimization of Tribological Characteristics Using D-optimal Design	Tribology in Industry	2021	397-412	
18	R Balakumar	Air quality and waste management analysis of used ayurvedic oil in an off-road twin cylinder tractor engine	International Journal Of Sustainable Engineering	2021	2126 - 2136	0.463
19	R Ellappan	Degradation of engine components upon exposure to chemically modified vegetable oil - Based automotive lubricant	Journal of the Indian Chemical Society	2021	0019-4522	0.284
20	P Chenga Reddy	Vegetable Oil Based Compressor Oil optimising of Tribological Characteristics	Australian Journal of Mechanical Engineering	2022	1448-4846	0.258
21	P Chenga Reddy	Development and characterization of bio-composites using senegalia catechu resin	Polymers and Polymer Composites	2021	S1268-S1279	2.00









# Placements

S No	Student name	Name of company placed	Designation	Salary / Annum	Photo
1	Ambatipati Pavan Sri Mahaveer (11189D002)	1. CTS-GenC 2. Accenture	1. GenC 2. ASE	4 Lacs 4.5 Lacs	
2	Bachala Sai Sumanth (11189D003)	CTS-GenC	GenC	4 Lacs	
3	B. Bhuvana Sundar (11189D008)	1. CTS-GenC 2. TCS-Ninja 3. Wipro	1. GenC 2. ASE Trainee 3. Project Engineer	4 Lacs	
4	Raghavendra Bojji (11189D009)	CTS-GenC	GenC	4 Lacs	
5	Satya Sai Srivatsa Daitha (11189D014)	1. CTS-GenC 2. TCS-Ninja	1. GenC 2. ASE Trainee	4 LPA 3.36 LPA	

# Placements

S No	Student name	Name of company placed	Designation	Salary	Photo
6	Manideep Reddy Kalluru (11189D043)	CTS-GenC	GenC	4 Lacs	
7	Nitish Kumar Reddy Marthala (11189D047)	CTS-GenC	GenC	4 Lacs	
8	Sai Bhaswanth Mudumba (11189D051)	1. CTS-GenC 2. Accenture 3. Wipro	1. GenC 2. ASE 3. Project Engineer	4 LPA 4.5 LPA 3.5 LPA	
9	Nuthalapati Prathap Madhav Raj (11189D054)	1. CTS-GenC 2. Wipro	1. GenC 2. Project Engineer	4 LPA 3.5 LPA	
10	Pasuluri Meharish (11189D056)	CTS-GenC	GenC	4 LPA	
11	Viswanadha Praneet Morapakala (11189D087)	1. CTS-GenC 2. Accenture 3. Wipro	1. GenC 2. ASE 3. Project Engineer	4 LPA 4.5 LPA 3.5 LPA	
12	Koratamaddi Narasimha Vishnu Vamsi (11189D039)	CTS-GenC	GenC	4 LPA	
13	V L Arun Kumar Saladi (11189D065)	CTS-GenC	GenC	4 LPA	
14	Shiva Sai Ram Mogulla (11189D069)	1. CTS-GenC 2. Wipro	1. GenC 2. Project Engineer	4 LPA 3.5 LPA	

# Placements

S No	Student name	Name of company placed	Designation	Salary	Photo
15	Bandreddy Syam Sai Eswar (11189D005)	TCS-Ninja	ASE Trainee	3.36 LPA	
16	Hemanth Kumar S (11189D028)	TCS-Ninja	ASE Trainee	3.36 LPA	
17	Kasireddy Venkata Nandu Kumar Reddy (11189D093)	TCS-Ninja	ASE Trainee	3.36 LPA	
18	Kakarla Srinivasa Maruthi Krishna Kalyan (11189D034)	Wipro	Trainee Engineer	3.5 LPA	
19	K.K.S.Sriyananda (11189D041)	Wipro	Project Engineer	3.5 LPA	
20	Polam Hema Sujith (11189D094)	Wipro	Project Engineer	3.5 LPA	

# Placements

S No	Student Name	Name of company placed	Designation	Salary
21	Shaik.Abdus Subhahan (1118gDo67)	Sutherland	Associate	1.8 Lacs
22	Venkata Saiteja Reddy Pernamitta (1118gDo83)	Sutherland	Associate	1.8 Lacs
23	R Chandrasheharan (1118gDo11)	National Autoplast	GET	1.8 Lacs
24	Chintam Gunasagar (1118gDo13)	National Autoplast	GET	1.8 Lacs
25	Jayaram R V (1118gDo33)	National Autoplast	GET	1.8 Lacs
26	Karuparthi Sai Charan (1118gDo35)	National Autoplast	GET	1.8 Lacs
27	V Kaushik Mitra (1118gDo36)	National Autoplast	GET	1.8 Lacs
28	Kotha Uday Kiran Reddy (1118gDo40)	National Autoplast	GET	1.8 Lacs
29	Manikandan S (1118gDo44)	National Autoplast	GET	1.8 Lacs
30	Mano Prasad R (1118gDo45)	National Autoplast	GET	1.8 Lacs
31	Nagiri Jeswanth (1118gDo53)	National Autoplast	GET	1.8 Lacs
32	Pellella Sreenadh (1118gDo57)	National Autoplast	GET	1.8 Lacs
33	Raghavan J (1118gDo62)	National Autoplast	GET	1.8 Lacs
34	Sai Raam A (1118gDo64)	National Autoplast	GET	1.8 Lacs
35	Satya Ram Prasad M (1118gDo66)	National Autoplast	GET	1.8 Lacs
36	Srivatsan R (1118gDo71)	National Autoplast	GET	1.8 Lacs
37	Tadepalli Sriram Kameswar (1118gDo74)	National Autoplast	GET	1.8 Lacs
38	Thennavan J (1118gDo76)	National Autoplast	GET	1.8 Lacs
39	Tulasi Sri Ranga Sai (1118gDo78)	National Autoplast	GET	1.8 Lacs
40	Varun Vikas S (1118gDo80)	National Autoplast	GET	1.8 Lacs
41	Veesam Ashlesh Kumar Reddy (1118gDo81)	National Autoplast	GET	1.8 Lacs
42	Vennelakanti Mano Saaraj (1118gDo84)	National Autoplast	GET	1.8 Lacs
43	Vijay A (1118gDo85)	National Autoplast	GET	1.8 Lacs
44	Ramireddy Vishnuvardhan Reddy (1118gDog1)	National Autoplast	GET	1.8 Lacs
45	Farman M D (1118gDog2)	National Autoplast	GET	1.8 Lacs

## Editorial Committee

Dr G Sriram, Dean(Engg&Tech), SCSVMV  
 Dr T Rajmohan, HOD/Mech, SCSVMV  
 Dr D Vijayan, Asst Prof/Mech, SCSVMV  
 Mr R Ellappan, Asst Prof/Mech, SCSVMV

## Address for Correspondence

Mechanical Engineering Association (MEA)  
 Department of Mechanical Engineering  
 Sri Chandrasekharendra Saraswathi Viswa  
 Mahavidyalaya  
 Enathur, Kanchipuram - 631561  
 Phone: 044-27264301 / 308 Extn: 237  
 Email: mea\_mech@yahoo.co.in