

MCET Supervisor and Scholars details
Department of Mechanical Engineering

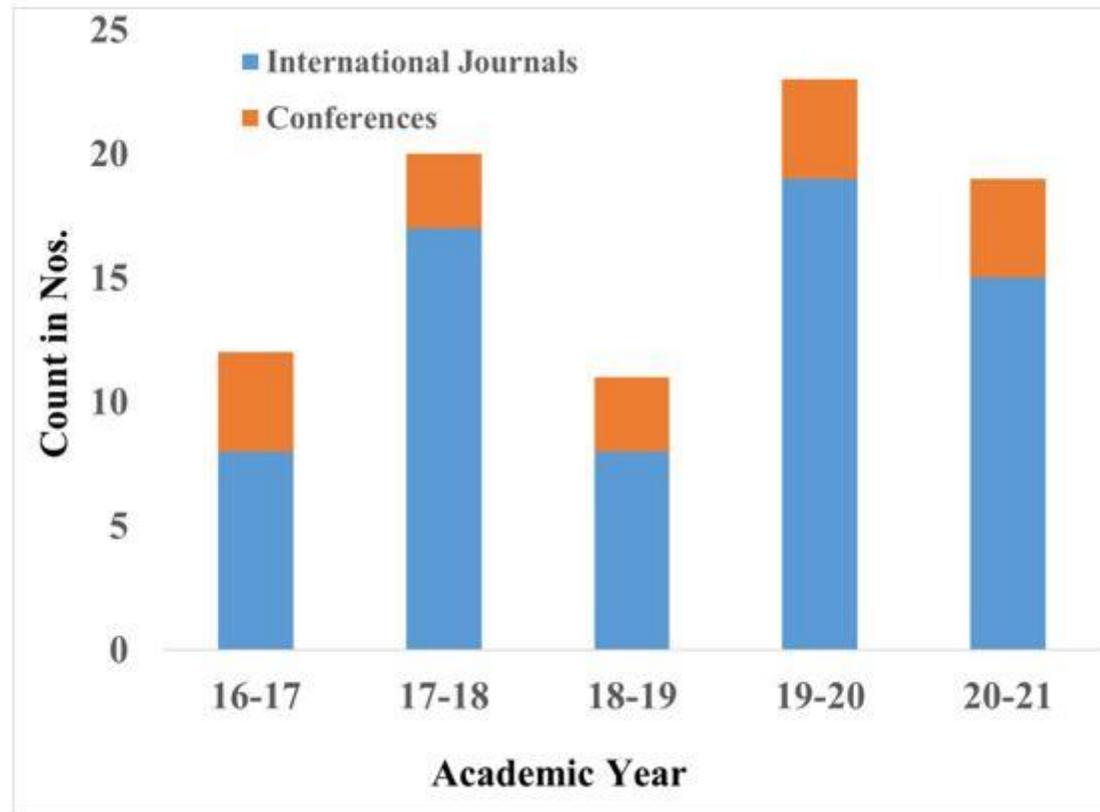
Research Organizations

Within a short time of becoming, MCET has risen to the expectations of Government organizations, research institutes, mission-critical organizations like Defence establishments, the Indian Space Research Organization (ISRO) and DRDO. It has secured sponsorship for more than 20 research projects to the tune of Rs 148.4158 Lakhs.



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Publications



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Anna University Recognized Supervisor List:

S.No.	Supervisor Name	University Recognition No.	Specialization	Number of Scholars	
				Completed	On-Going
1.	Dr. I. Rajendran	9920348	Composite, Machining, Natural Composites, Tribology and Design Optimization	8	4
2.	Dr. Ramathirumurugan	2020359	Gear Engineering, Machine design and Fatigue and Fracture	1	7
3.	Dr. S. Ayyappan	3320052	Thermal Sciences	-	-
4.	Dr. R. Gnanaguru	2720076	Lean Manufacturing	-	-
5.	Dr. T. Ramkumar	3420007	Powder Metallurgy and Nano Composites	-	02
6.	Dr. K. Hariharan	3620008	Additive Manufacturing, Biomaterials and Material Characterization	-	-

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1. Supervisor Details:

Sl. No	Name of the supervisors with department	University Recognition Number	No: of Scholars under the supervisor	Ongoing scholars status	Count
1.	Dr.I.Rajendran Prof. and Head Department of Mechanical Engineering	9920348	12 scholars	Doing coursework:	4
				Comprehensive viva completed:	-
				Synopsis submitted:	-
				Thesis submitted:	-
				Viva Completed	8
				Total:	12

Scholar Details:

Internal Scholars						
S.No	Candidate Name & Designation	Provisional Details		Title of the Research Work	No. of Papers published in Annexure - I	Present status of the PhD (Doing coursework/ Comprehensive viva completed/ Synopsis submitted/ Thesis submitted)
		Year of Reg.	Reg. No.			
1.	Mr. Sreejith. S. Nair	2019	19152697209	Investigations on Welding of Corten Steel Sheets using Conventional Metal Inert Gas and Cold Metal Transfer Welding Processes.	-	Doing coursework
2.	Mr. M. Arun	2019	20142691132	Experimental Investigation on heat transfer enhancement and accompanied pressure drop in a heat exchanger using bio-synthesized	-	Doing coursework

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				nanofluid		
3.	Mr. M. Gideon ganesh	2019	20142691155	Experimental investigation on mechanical and thermal properties of PA3200GF using selective laser sintering for tooling application	-	Doing coursework
4.	Mr. S.V. Gurupranesh	2019	20142691209	An experimental study on mechanical properties of composites using PLAM fiber and coconut shell powder for automobile applications	-	Doing coursework

2. Supervisor Details:

Sl. No	Name of the supervisors with department	University Recognition Number	No: of Scholars under the supervisor	Ongoing scholars status	Count
1.	Dr.Rama Thirumurugan Professor,Department of Mechanical Engineering	2020359	7 scholars	Doing coursework:	1
				Comprehensive viva completed:	3
				Synopsis submitted:	-
				Thesis submitted:	3
				Viva Completed	1
				Total:	8

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Scholar Details:

External Scholars							
S.No	Candidate Name & Designation	Presently working Institution/ Industry	Provisional Registration Details		Title of the Research Work	No. of Papers published in Annexure – I	Present status of the PhD (Doing coursework/ Comprehensive viva completed/ Synopsis submitted/ Thesis submitted)
			Year of Reg.	Reg.No.			
1.	Mr. M.Jayaraj	P.A. College of Engineering and Technology	2014	1414269766	Design and Fabrication of Natural Fiber Reinforced composite Gear and its performance analysis.	2	Thesis submitted
2.	Mr. C.Clement christy Deepak	P.A. College of Engineering and Technology	2014	1414269101	Feasibility study on Non-Standard spur Gear Drive for Automobile application.	1	Thesis submitted
3.	Mr. M.Muthuraj	Akshaya College of Engineering and Technology, Kinathukadavu,Cbe	2014	512269246	Study and functionally Graded Material for Orthopedic application / bio mechanics	-	Comprehensive viva completed

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4.	Mr. K.Madhan muthuganesh	Karpagam Institute of Technology, Coimbatore.	2011	11110331027	Certain investigation on vibration and Noise in eglass/ epoxy gear box casing	-	Comprehensive viva completed
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Internal Scholars

S.No	Candidate Name & Designation	Provisional Details		Title of the Research Work	No. of Papers published in Annexure – I	Present status of the PhD (Doing coursework/ Comprehensive viva completed/ Synopsis submitted/ Thesis submitted)
		Year of Reg.	Reg. No.			
1.	Mr.T.Vignesh Kumar, Assistant Professor	2016	16142697220	Influence of Cryogenic treatment on the Metallurgy and mechanical properties of High alloy steels	2	Thesis submitted
2.	Mr. M. Padmanaban	2018	18142697217	Studies on machining of magnesium composites	-	Comprehensive viva completed
3.	Mr. N. Santhosh	2021	21142691137	Joint strength analysis of 3D printed natural fibre reinforced composite	-	Doing Coursework

2. Supervisor Details:

Sl. No	Name of the supervisors with department	University Recognition Number	No Scholars under the supervisor	Ongoing scholars status	Count

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1.	Dr.T. Ramkumar Assistant Professor (SS) Department of Mechanical Engineering	3420007	2 scholars	Doing coursework:	2
				Comprehensive viva completed:	
				Synopsis submitted:	
				Thesis submitted:	
				Total:	2

Scholar Details:

Internal Scholars

S.No	Candidate Name & Designation	Provisional Details		Title of the Research Work	No. of Papers published in Annexure – I	Present status of the PhD (Doing coursework/ Comprehensive viva completed/ Synopsis submitted/ Thesis submitted)
		Year of Reg.	Reg. No.			
1.	Mr.M. Giridhara Dhayalan, Assistant Professor	2021	21142691209	Investigation of titanium based composites reinforced with ceramic particles using microwave sintering for aerospace applications	-	Doing Coursework
2.	Mr. R. Bharathiraja	2021	21152691207	Experimentation of effect of particle size on hydrothermal performance of heat exchanger using hybrid nano fluid	-	Doing Coursework