

Department of Mechanical Engineering

S.No	Name of the Supervisor & Department	Supervisor No	Name of the Scholar	Date of Registration	Name of the University	Full Time / Part Time	Title of Research	Name of the Organization (if scholar is employed)	Pursuing / Completed (Month & Year)
1.	Dr. D. Senthilkumar Professor & HOD Mechanical Engineering,	1620426	Mr. Subashchandar	15.11.2022	Anna university, Chennai	Full Time	Plant Feeding System at Controlled Environment Using Artificial Intelligence	-	Pursuing
2.			Mr. Bhalerao Sunil Arjun	15.07.2021	Anna university, Chennai	Full Time	She Learning from Ancoent Times and Futuristic Approach for Sustainable Development	-	Pursuing
3.			Mr.T.Nithyanantham	18.01.2013	Anna university, Chennai	Part Time	Experimental investigation of pool boiling on foam surface	M.Kumarasamy College of Engineering	Completed 24.03.2021
4.			Mr.D.Vasudevan	18.01.2013	Anna university, Chennai	Part Time	Enhancement of Pool Boiling Critical Heat Flux with various types of Nanocoatings	K.S.R College of Engineering	Completed 11.01.2022
5.			Mr. R.Yuvaraj	18.01.2013	Anna university, Chennai	Part Time	Modeling and Simulation of Dropwise Condensation on Super hydrophobic Srfaces	Sona College of Technology	Completed 12.10.2021
6.			Mr. K. Shanmugavel	07.07.2011	Anna university, Chennai	Part Time	Experimental Study of dropwise condensation underneath chemically textured and nanocoated surfaces.	Sona College of Technology	Pursuing

7.		Mr. R. Nandha Kumar	07.07.2011	Anna university, Chennai	Part Time	Heat Transfer in Micro Chanel .	Mahendra Engineering College	Completed 12.11.2018
8.		Mr. R. Vinoth	07.07.2011	Anna university, Chennai	Part Time	Heat Transfer Analysis Micro sink.	Adhiyamaan College of Engineering	Completed 09.07.2018
9.		Mr. A. Sivaprakasam	08.01.2010	Anna university, Chennai	Part Time	Design and Optimization of heat sink.	Sona College of Technology	Pursuing
10.		Mr. M. Manimuragan	08.01.2010	Anna university, Chennai	Part Time	Performance, combustion and emission characteristics in di diesel engine.	Sona College of Technology	Pursuing
11.		Mr. V. M. Madhavan	08.01.2010	Anna university, Chennai	Part Time	Experimental Investigation on Nox emission in Internal Combustion engines.	Sona College of Technology	Completed 05.04.2019
12.		Mr. T. Saravanakumar	08.01.2010	Anna university, Chennai	Part Time	CPU Cooling	Tamilnadu Newsprint And Papers Ltd	Completed 17.06. 2020
13.		Mr. S. Asokan	08.01.2010	Anna university, Chennai	Part Time	Optimization in Paper Technology	Tamilnadu Newsprint And Papers Ltd	Completed 24.06.2020
14.		Mr. V. Ravi Kumar	08.01.2010	Anna university, Chennai	Part Time	Performance analysis on ICE engine	Sona College of Technology	Completed 22.05.2017
15.		Mr. T. Raja	08.01.2010	Anna university, Chennai	Part Time	Bio fuel	Vinayaka Mission's Kirupananda Variyar Engineering College	Pursuing

16.	Dr. K. Muralidharan Professor / Mechanical Engineering	2820017	Mr. Gobinath K	January 2022	Anna university, Chennai	Full Time	Quantitative and Qualitative methods of risk assessment in coal fired thermal power plants	-	Pursuing
17.			Mr. Karthikeyan V	January 2022	Anna university, Chennai	Full Time	Experimental investigation on solar collector to improve heat transfer rate with enhanced additives mixed working fluid	-	Pursuing
18.			Mr. Murugan R	January 2018	Anna university, Chennai	Full Time	Experimental Analysis of Solar Desalination System	-	Pursuing
19.			Mr. Ramesh D	July 2017	Anna university, Chennai	Part Time	Experimental Investigation on vegetable oil based lubricant for I.C.Engine	Kaveri College of Engineering	Pursuing
20.			Mr. Ganapathi A	2015	Anna university, Chennai	Part Time	Experimental Investigation on the effect of Ginger grass based ternary fuel and reduced graphene oxide nano-platelets in direct injection diesel engine	Bigeta Energy Solutions, Bangalore	Completed January, 2022
21.	Dr.R.Mohan Professor / Mechanical Engineering	2420247	Mr. Perumal S	July 2015	Anna University, Chennai	Part Time	Numerical and Experimental Analysis of a Concentric tube Heat Exchanger using Dimpled tubes with Nan fluids.	Muthayammal Engineering college	Completed 06.04.2023
22.			Mr. Kanakaraj A	July 2015	Anna University, Chennai	Part Time	Investigation and Tribological	Thiagarajar Polytechnic	Completed 21.07.2023

							Characterization of Hybrid nano MMC	College, Salem	
23.		Mr. Srinivashan V.R.	July 2015	Anna University, Chennai	Part Time		Development of Nano Composite Coatings for Corrosion Protection of Light Alloys such as Aluminum and Magnesium.	Sona College of Technology	Confirmation completed
24.		Mr. Moorthi V	July 2015	Anna University, Chennai	Part Time		Experimental analysis of IC Engines	Anna Porana Engineering College.	Completed 24.07.2023
25.		Ms. Kalaimagam D	January 2015	Anna University, Chennai	Part Time		Experimental and Numerical Analysis of Heat Exchangers using Nano Fluids	Mahendra Engineering College	Completed 12.1.2022
26.		Mr. Kannan A	January 2015	Anna University, Chennai	Part Time		Experimental investigation & Characterization of magnesium metal matrix composite.	Thiagarajar Polytechnic College	Completed 23.02.2022
27.		Mr. Mohanasundaram S	January 2015	Anna University, Chennai	Part Time		Experimental and theoretical estimation of Heat flux distribution in the vicinity of protrusions on the cone.	AVS Technical Campus	Confirmation completed
28.		Mr. Manivannan R	January 2015	Anna University, Chennai	Part Time		Study And Analysis Of Mechanical And Thermal Properties On Sandwich Structure With Negative Passion Ratio Honeycomb Core	AVS Engineering College.	Completed 19.03.2021

29.			Mr. Sivaraman G	January 2015	Anna University, Chennai	Part Time	Expremental analysis of Solar Water heater	Sona College of Technology	Confirmati on completed
30.			Mr. Selvarasu K	January 2016	Anna University, Chennai	Full Time	Experimental analysis of Air Booster	--	Confirmati on completed
31.			Mr. Senthilkumar M.P.	January 2008	Anna University, Chennai	Part Time	Experimental study and optimization for optimal setting of machining parameters for turning of AI HMMC	PSC, Krishnagri	Completed 31.10.2018
32.			Ms. J. Shanthi	January 2010	Anna University, Chennai	Part Time	Experimental Production of wire Cut EDM Process Parameters of Machining of Titanium Alloy using Non-Traditional Algorithm.	Thermal Plant	Synopsis submitted
33.	Dr.S.Mahalingam Associate Professor / Mechanical Engineering	2820094	Mr. A.Anandharaman	21.03.2023	Anna University, Chennai	Part Time	Experimental Analysis of Multi cylinder diesel engine using biodiesel blends with diesel	Sengunthar Engineering College , Tiruchengodu	Pursuing
34.			Mr. C.Karthik	21.03.2023	Anna University, Chennai	Part Time	Experimental Analysis of Multi cylinder diesel engine using hydrogen fuel	Sengunthar Engineering College , Tiruchengodu	Pursuing
35.			Mr. M.Sivakumar	23.06.2017	Anna University, Chennai	Part Time	Studies on Performance Enhancement of Heat Pump Water Heaters	Annai Mathammal Sheela Engineering College, Namakkal.	Completed

36.			Mr. S.Kannan	23.06.2017	Anna University, Chennai	Part Time	Performance and Analysis of LPG Gas in DI Diesel Engine by HCCI Mode of Combustion	AVS Engineering College, Salem.	Pursuing
37.			Mr. S.Srinath	23.06.2017	Anna University, Chennai	Part Time	Experimental Investigation of Nano Fluid Based Cooling Method in Single Cylinder Direct Injection Diesel Engine	Mahendra Institute of Technology, Namakkal.	Pursuing
38.	Dr. K.G.Saravanan Associate Professor / Mechanical Engineering	4020002	Mr. S.Pradeep	January - 2023	Anna University, Chennai	Full Time	Utilization of Grey Relational Analysis and Principal Component Analysis for the Behaviour Investigation of Laser Parameters in SS316L	Research Scholar	Pursuing
39.			Mr. R.Ayanar	July - 2023	Anna University, Chennai	Part Time	An Investigation Study of Laser Machining Parameters to Attain Designated Surface Finish Quality of TI-6AL-4V Titanium Alloy	Thiagarajar Polytechnic College, Salem	Pursuing
40.			Mr. R.Edison	July - 2023	Anna University, Chennai	Part Time	Optimization of Process Parameters in ECMM While Machining 2205/2207 Stainless Steel Grades	Govt. Polytechnic Kadathur	Pursuing
41.			Ms. S.Megala	July - 2023	Anna University, Chennai	Part Time	Optimization of process parameters in ECMM while machining 201 stainless steel grades	Govt. Polytechnic Kadathur	Pursuing

42.			Mr. A.Nethaji Subash Chandra Bose	July - 2023	Anna University, Chennai	Full Time	Sludge Reduction and Surface Investigation in Electrochemical Machining	Research Scholar	Pursuing
43.			Mr. P.Manikandrabu	July - 2021	Anna University, Chennai	Part Time	Experimental investigation, multi-response optimization, and micro structural analysis on drilling of SS 304/202 using electrical discharge drilling with different tool geometries	Sona College of Technology, Salem	Pursuing Confirmation Completed
44.			Mr. S. Gokulraj	January - 2021	Anna University, Chennai	Full Time	Abrasive Water Jet Machining Investigation of Metal Fiber Laminate (MFL)	-	Pursuing Confirmation Completed
45.	Dr.K.Venkatesh Raja Associate Professor / Mechanical Engineering	2720020	Mr. Sangeeth Kumar M	06.01.2022	Anna University, Chennai	Part time	Assessment on the Influence of FDM process Parameters on the Mechanical Properties of PLA Samples	Sona College of Technology, Salem	Pursuing
46.			Mr. R. Karthik	23.06.2017	Anna University, Chennai	Part time	Vibration and Damping analysis of sandwich structure	Kongunadu College Engineering & Technology	Pursuing
47.			Mr. C.Dhineshababu	23.06.2017	Anna University, Chennai	Part time	Multi objective flexible job shop scheduling using an improved hybrid evolutionary algorithm	Kongunadu College Engineering & Technology	Pursuing
48.			Mr. Gobikrishnan Udhayakumar	02.01.2017	Anna University, Chennai	Part time	Experimental Investigations and	Sona College of Technology,	Pursuing

							Optimization of Process parameter of Micro-Electro chemical Machining process on different materials	Salem	
49.			Mr. Kumaravel P	02.01.2017	Anna University, Chennai	Part time	Investigation and process parameter optimization of micro EDM Using Multi objective Algorithm	Sona College of Technology, Salem	Pursuing
50.			Mr. Lakshmana Kumar S	17.02.2011	Anna University, Chennai	Part time	Ultrafine grain refinement through combined twist extrusion+ ECAP on AA6061 alloy	Sona College of Technology, Salem	Pursuing
51.	Dr. A. Dominic Assistant Professor/ Mechanical Engineering	3920012	-	-	-	-	-	-	-
52.	Dr. R. Yuvaraj Assistant Professor/ Mechanical Engineering	4020082	-	-	-	-	-	-	-
53.	Dr. A. Ramesh Kumar Assistant Professor/ Mechanical Engineering	4120114	-	-	-	-	-	-	-