



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service: SNR Sons Charitable Trust]
[Autonomous Institution, Accredited by NAAC with 'A' Grade]
[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]
[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]
VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE – 641 022



Department: Mechanical Engineering

Date: 08.04.2021

Ph.D. Scholars Details

Scholars Pursuing Ph.D under Internal Supervisors

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Date of Enrolment	Part Time/Full Time	Title of the Research
1	Dr.P.Karuppuswamy Professor and HOD	V.Srinivasan	11210331108	18.01.2012	Part Time	Investigation on coating of titanium alloys powders
2		P.Saravanakumar	17142697123	22.06.2017	Part Time	Investigation on refining of aluminium scraps
3		R.Dhanasekaran	19142697230	10.07.2019	Full Time	Investigations of hot forged aluminium composites for automotive applications
4	Dr.P.Chandramohan Professor	V.Tamizhinian	17132691349	13.01.2017	Full Time	Investigation on wear analysis of titanium Composites by using FEA tools
5		R.Raghu	19122691144	03.01.2019	Part Time	Establishment of welding (GTAW) parameters in Magnesium alloy used for aeronautical applications
6		B.Senthilkumar	19142697164	04.07.2019	Part Time	Investigation on the heat transfer characteristics based on various fluids flowing under the turbulent flow regime
7		G.Thilak	19122697159	05.07.2019	Part Time	Study of characteristics of aluminum alloys through squeeze casting

8		S.Dinesh	19142697163	05.07.2019	Part Time	Two phase flow heat transfer analysis in wavy micro-channel to improve thermal performance factor
9		P.Balamurugan	19142697161	25.07.2019	Part Time	Numerical analysis of compact heat exchanger
10	Dr.A.Murugarajan Professor	A.Senthamilselvi	17232697341	12.07.2017	Part Time	Design and development of a single stage annular ejector system to pump out rocket exhaust
11		T.Anandakumar	20122691131	31.12.2019	Part Time	The influence of hybrid nanofluids MQL on tool wear and surface integrity in machining of titanium alloy
12		T.Sudhakar	20142691224	02.01.2020	Part Time	Performance characteristics analysis of micro pump impeller
13	Dr.J.Yoganandh Associate Professor	R.Raveen	1514269717	20.06.2015	Part Time	Investigation of activated TIG welding on stainless steel
14		R.Rangaraj	1514269738	20.06.2015	Part Time	Synthesis and characterization of aluminium/ magnesium nanocomposites
15		N.R.Karthik	17142697253	28.06.2017	Part Time	Investigation of properties of surface engineered ss
16		A.T.Navin Prasad	20142691120	18.02.2020	Part Time	Surface modification using nano coating to improve absorption and condensation of the solar still
17	Dr.N.Gunasekar Associate Professor	T.Kasirajan	1313269229	26.12.2012	Part Time	Investigation on the effect of friction stir welding parameters on aluminium tailor welded blanks and its behavior on forming, fracture, wrinkling and crashworthiness
18		P.Jidhesh	1514269737	22.06.2015	Part Time	Performance enhancement study of solar PV/T collector system
19		M.Veeramanikandan	17142691257	21.12.2016	Part Time	Performance analysis of geometrically modified photovoltaic thermal system
20		J.Jayakar	21142691208	20.01.2021	Part Time	Experimental investigation on camellia

						assamica extract as an antioxidant additive to enhance the oxidation stability of biofuel synthesized from low viscous cymbopogan oil
21		S.Satish	21142691129	25.02.2021	Part Time	Performance improvement of electric vehicle battery by thermal management system
22	Dr.C.Bhagyanathan Associate Professor	K.RobinJohny	19152697126	29.08.2019	Part Time	CFD simulation studies of multi-rotor aerodynamics in uavs
23		J GottmyersMelwyn	20142691229	06.03.2020	Full Time	Studies on recycling aluminium scraps on an industrial scale and process optimization in the industrial furnace
Faculty Members Pursuing Ph.D under External Supervisors						
1	Dr.S.Jegadheeswaran Associate Professor & Head, Department of Automobile Engineering, Bannari Amman Institute of Technology, Sathyamanagalam	T.R.Sathishkumar	1412269168	10.12.2013	Part Time	Experimental and analytical studies on solar desalination system with phase change material as energy storage media
2	Dr. M.Mohanraj,, Professor,Department of Mechanical Engineering, Hindustan College of Engineering, Coimbatore	K.L.Senthil Kumar	1414569734	24.07.2014	Part Time	Investigation on high temperature oxidation and hot corrosion behaviours of nano structured composite coating on thermo mechanical devices
3	Dr.K.Marimuthu, Professor and Head, Department of	M.Ramesh	1412269148	10.12.2013	Part Time	Modeling and finite element analysis of piezoelectric materials

4	Mechanical Engineering Coimbatore Institute of Technology, Coimbatore	S.Omprakasam	1513269170	24.12.2014	Part Time	Investigation of weldability characteristics of aluminium magnesium alloys for aerospace applications
5	Dr.P.Tamilselvam, Professor & Head, Department of Mechanical Engineering SNS College of Technology, Coimbatore	B.Pranesh	1515269139	23.12.2014	Part Time	Solid state processing of materials
6		S.Ravi	1514269843	30.06.2015	Part Time	Experimental investigation on effect of emulsifier oil based nano cutting fluids in metal cutting process
7	Dr.S.Periyasamy, Assistant Professor, Department of Mechanical Engineering Government College of Technology, Coimbatore	A.Vadivel	1514269181	12.12.2014	Part Time	Investigation on thermal performance of vcr diesel engine with various coated fuel injector
8		M.Mahendran	1514269148	10.12.2014	Part Time	Investigation of diesel engine performance with variable compression ratio and turbocharger
9	Dr.S.Gopi, Associate Professor, Production Engineering Government College of Technology, Coimbatore.	J.Yokesh Kumar	16142697290	04.07.2016	Part Time	Design optimization and simulation of gating and risering system to enhance the quality and yield of the castings