



## 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: 07.08.2021**

### FULL TIME RESEARCH SCHOLARS

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Date of Enrolment	Title of the Research
1	Dr.P.Karuppuswamy Professor and HOD	R.Dhanasekaran	19142697230	10.07.2019	Investigations of hot forged aluminium composites for automotive applications
2	Dr.P.Chandramohan Professor	V.Tamizhinian	17132691349	13.01.2017	Investigation on wear analysis of titanium Composites by using FEA tools
3	Dr.C.Bhagyanathan Associate Professor	J GottmyersMelwyn	20142691229	06.03.2020	Studies on recycling aluminium scraps on an industrial scale and process optimization in the industrial furnace

## INTERNAL PART TIME RESEARCH SCHOLARS

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Date of Enrolment	Title of the Research
1	Dr.P.Karuppuswamy Professor and HOD	V.Srinivasan	11210331108	18.01.2012	Investigation on coating of titanium alloys powders
2		P.Saravanakumar	17142697123	22.06.2017	Investigation on refining of aluminium scraps
3	Dr.P.Chandramohan Professor	R.Raghu	19122691144	03.01.2019	Establishment of welding (GTAW) parameters in Magnesium alloy used for aeronautical applications
4		B.Senthilkumar	19142697164	04.07.2019	Investigation on the heat transfer characteristics based on various fluids flowing under the turbulent flow regime
5	Dr.J.Yoganandh Associate Professor	R.Raveen	1514269717	20.06.2015	Investigation of activated TIG welding on stainless steel
6		R.Rangaraj	1514269738	20.06.2015	Synthesis and characterization of aluminium/ magnesium nanocomposites
7		N.R.Karthik	17142697253	28.06.2017	Investigation of properties of surface engineered ss
8	Dr.N.Gunasekar Associate Professor	P.Jidhesh	1514269737	22.06.2015	Performance enhancement study of solar PV/T collector system
9	Dr.C.Bhagyanathan Associate Professor	K.RobinJohny	19152697126	29.08.2019	CFD simulation studies of multi-rotor aerodynamics in uavs

## EXTERNAL PART TIME RESEARCH SCHOLARS

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Date of Enrolment	Title of the Research
1	Dr.P.Chandramohan Professor	G.Thilak	19122697159	05.07.2019	Study of characteristics of aluminium alloys through squeeze casting
2		S.Dinesh	19142697163	05.07.2019	Two phase flow heat transfer analysis in wavy micro-channel to improve thermal performance factor
3		P.Balamurugan	19142697161	25.07.2019	Numerical analysis of compact heat exchanger
4		M. Gopalakrishnan	71010321026	July 2010	Studies on Implementation of Integraed Management Systems for achieving sustainable development in Indian Enterprises
5	Dr.J.Yoganandh Associate Professor	A.T.Navin Prasad	20142691120	18.02.2020	Surface modification using nano coating to improve absorption and condensation of the solar still
6	Dr.N.Gunasekar Associate Professor	M.Veeramanikandan	17142691257	21.12.2016	Performance analysis of geometrically modified photovoltaic thermal system
7		J.Jayakar	21142691208	20.01.2021	Experimental investigation on camellia assamica extract as an antioxidant additive to enhance the oxidation stability of biofuel synthesized from low viscous cymbopogan oil
8		S.Satish	21142691129	25.02.2021	Performance improvement of electric vehicle battery by thermal management system