



DEPARTMENT OF MECHANICAL ENGINEERING

Details of Ph.D Scholars (2016-2017)

Sl. No	Name of the Research Scholar	Category	Supervisor	Research Title
1	Mr.R.Hemanth kumar	Part –Time (Internal)	Dr. V.S.K.Venkatachalapathy	Experimental Investigation Of Electroless Nickel;- Phosphorous Coated Hybrid Aluminum Matrix Composites (EN-HAMC)
2	Mr.Kota Venkateswarlu	Part –Time (External)	Dr. V.S.K.Venkatachalapathy	Precise Defective Diagnosis In Railway Wheel With The Aid Of Artificial Neural Network(ANN)
3	Mr.D.Karunakaran	Part –Time (Internal)	Dr. V.S.K.Venkatachalapathy	Analysis Of Microstructure And Its Effect On The Mechanical Properties Of Cu-Al Intermetallic Welded Region By FSSW Process
4	Mr.P.Jayakumar	Part –Time (Internal)	Dr.K.Velmurugan	Characterization And Optimization Of Al 7075/Tic Metal Matrix Composites By CNC Turning Process Using RSM Method

Details of Ph.D Scholars (2017-2018)

Sl. No	Name of the Research Scholar	Category	Supervisor	Research Title
1	Mr.A.Jeyachandran	Part –Time (Internal)	Dr. V.S.K.Venkatachalapathy	Cryogenic Treatment On Tribological Properties And Machinability For Hybrid Metal Matrix Composites.
2	Mr.R.Ravi Kumar	Part –Time (External)	Dr. V.S.K.Venkatachalapathy	Cryogenic Treatment On Aluminum Based Hybrid Metal Matrix Composites
3	Mr.Jagadish Chandra Bose	Full-Time	Dr.A.Thiagarajan	Hydrothermal Characterization Of Advanced Polymer Foam Cored Nano Composites Structure

Details of Ph.D Scholars (2018-2019)

Sl. No	Name of the Research Scholar	Category	Supervisor	Research Title
1	Mr.A.Giriprasath.	Part –Time (Internal)	Dr.K.Velmurugan	Additive Manufacturing.
2	Mr. K.Sithanathan.	Part –Time (Internal)	Dr.A.Thiagarajan	Study of EDM Nanocomposites.
3	Mr.N.Satish Kumar.	Part –Time (External)	Dr.G.G.Sozhamannan	Experimental studies on effect of process parameter om micro hole machined through micro abrasive jet machining.

Details of Ph.D Scholars (2019-2020)

Sl.No	Name of the Research Scholar	Category	Supervisor	Research Title
1	Mr.A.Ravikumar	Full-Time	Dr.K.Velmurugan	Study of SS304 Nanocomposites Materials

Details of Ph.D Scholars (2020-2021)

Sl.No	Name of the Research Scholar	Category	Supervisor	Research Title
1	Mr.Oudayakumar.K	Part-Time - Internal	Dr.V.S.K.Venkatachalapathy	Composite Material

Details of Awarded Ph. D Candidates

Sl.No	Name of the Research Scholar	Category	Supervisor	Research Title	Year of Ph.D Awarded
1	Mr.D.Boopathi.	Part –Time (External)	Dr.K.Velmurugan	Experimental investigation on performance, combustion and emission characteristic of a single cylinder diesel engine fueled with prosopis juliflora seed oil.	2023
2	Mr.E.Manikandan	Part –Time (Internal)	Dr.K.Velmurugan	Heat Transfer Analysis On Fractal Tree Micro Channels On Rectangular Heat Sinks Using Nano-Fluids	2024
3	Mr.S. Narayanan	Part –Time (Internal)	Dr.G.G.Sozhamannan	“Studies On Machining Characterization Of Nano Graphene Oxide Reinforced Metal Matrix Composites”	2024
4	Mr.S. Ravindran.	Part –Time (Internal)	Dr.G.G.Sozhamannan	An experimental study on drilling of vinyl ester based banana and jute natural fibre composites.	2024.