



**K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING**

ME R & D CENTER

(Affiliated by VTU)

R&D centre established in year 2015, which has made faculty members inclined more towards research activities. R&D has 16 Research scholars, out of which 3 have been awarded with Ph.D. and remaining 13 members are working effectively in their respective research areas. Most of research scholars have completed comprehensive viva-voce and at final stage of submitting the thesis. The R & D Lab is well equipped with Wi-Fi facility with un-interrupted power supply.

Ph.D. Registrations under ME R & D Centre, KSIT, Affiliated to VTU

Sl. No.	Year of Registration	Name of Scholar	Guide	Title
1	2009-10	Mr.Hemadri Naidu.N	Dr.Chennakeshavulu	Process optimization of Tungsten Inert Gas (TIG) welding to improve Mechanical and corrosion resistant properties of Aluminium alloys.
2	2011-12	Mr.Abhinav	Dr.N.Krishnamurthy	Investigations on Plasma Sprayed Alumina and Calcia stabilized Zirconia functionally graded composite coatings.
3	2012-13	Mr.Anil Kumar.S	Dr.N.C.Mahendra Babu	Fatigue life extension of noncircular cut-outs through cold expansion.
4	2012-13	Mr.Mahesh.M.A	Dr.N.C.Mahendra Babu	Application of low plasticity burnishing (LPB) for life extension of Mechanical components
5	2012-13	Mrs.Madhura.S	Dr.T.V.Govinda Raju	Feasibility studies on utilization of Hall Magnetic Sensor for active magnetic bearing applications
6	2014-15	Mr.Abhishek.M.R	Dr.P.M.Suresh	A study of fiber reinforced composites by adding shear thickening fluid to evaluate mechanical property.
7	2014-15	Mr.Yogendra Mahajan	Dr.T.V.Govinda Raju	Synthesis, Characterization and Testing of functional materials for additive manufacturing techniques.

8	2014-15	Mr.Chethan Kumar.D.S	Dr.C.Anil Kumar	Evaluation of Mechanical properties and Tribological behavior of Aluminium matrix mixed with Intermetallic coated on Nano Oxide particles.
9	2015-16	Mr.K.V.Manjunath	Dr.N.Krishnamurthy	Investigations on fibre reinforced hybrid composites using conventional techniques
10	2015-16	Mr.Manjunath.B.R	Dr.N.Srinivas Reddy	Development and characterization of Natural Epipremnum-Aureum/sisal fiber reinforced hybrid thermoplastic polymers.
11	2015-16	Mrs.N.Sreesudha	Dr.N.Krishnamurthy	Mechanical Characterization of heat treated Aluminium based Metal Matrix Composites.
12	2015-16	Mr.Mahaveer Bhaskar Khot	Dr.K.RamaNarasimha	CFD analysis of Gas Turbine Combustor for performance improvement
13	2016-17	Mr.Ranganath.N	Dr.Panchashari.H.V	Synthesis and characterization of poly lactic acid based composite with metal alloys
14	2017-18	Mr.Parashuram.A.K	Dr.K.RamaNarasimha	Experimental and theoretical studies on oscillating heat pipes using binary mixture of the fluids
15	2017-18	Mr.Karthik.R	Dr.K.RamaNarasimha	Experimental studies on pulsating heat pipes using nano fluids
16	2018-19	Mr.Vikhan.G.B	Dr.K.RamaNarasimha	Studies on different types of heat exchangers.

Status of Research Scholars

Sl. No.	Guide	Name of the Research Scholar	Year of Registration	Course Work [Y/N]	Comprehensive Viva[Y/N]	Submitted Final Thesis [Y/N]
1	Dr.Chennakeshavulu	Mr.Hemadri Naidu.N	Dec 2009	Y	Y	Y (Awarded)
2	Dr.N.Krishnamurthy	Mr.Abhinav	Dec 2011	Y	Y	Y (Awarded)
3	Dr.N.C.Mahendra Babu	Mr.Anil Kumar.S	Dec 2012	Y	Y	Y (Awarded)
4	Dr.N.C.Mahendra	Mr.Mahesh.M.A	Dec 2012	Y	Y	N
5	Dr.T.V.Govinda Raju	Mrs.Madhura.S	Dec 2012	Y	Y	Y Awarded)
6	Dr.P.M.Suresh	Mr.Abhishek.M.R	Dec 2014	Y	Y	N
7	Dr.T.V.Govinda Raju	Mr.Yogendra Mahajan	Dec 2014	Y	Y	N
8	Dr.C.Anil Kumar	Mr.Chethan	Dec 2014	Y	Y	N
9	Dr.N.Krishnamurthy	Mr.K.V.Manjunath	Dec 2015	Y	Y	N
10	Dr.N.Srinivas Reddy	Mrs.N.Sreesudha	Dec 2015	Y	Y	N
11	Dr.N.Krishnamurthy	Mr.Manjunath.B.R	Dec 2015	Y	N	N
12	Dr.K.RamaNarasimha	Mr.Mahaveer Bhaskar	Dec 2015	Y	N	N
13	Dr.Panchashari.H.V	Mr.Ranganath.N	Dec 2016	Y	N	N
14	Dr.K.RamaNarasimha	Mr.Parashuram.A.K	Dec 2017	N	N	N
15	Dr.K.RamaNarasimha	Mr.Karthik.R	Dec 2017	N	N	N
16	Dr.K.RamaNarasimha	Mr.Vikhan.G.B	Dec 2018	N	N	N