

M.TECH PROJECT DETAILS-ENERGY ENGINEERING AND MANAGEMENT (2012-2015)

Sl. No.	Roll Number	Name of the Candidate	Name of Supervisor/Joint Supervisor	Title of Thesis	Year
1	M130094ME	Dhulipala Vasudeva Rao	Dr. C. Muraleedharan	Estimation and minimisation of entropy generation during phase change in a flat heat pipe	2015
2	M130102ME	Arun K Mohandas	Dr. C. Muraleedharan & Dr.Arun P	Mathematical modelling and ASPEN PLUS simulation of biomass gasification	2015
3	M130110ME	Kedumese U Mekrisuh	Dr. C.B. Sobhan	Interferometric measurement of the thermal behaviour of a phase change material	2015
4	M130165ME	Ankit Rathore	Dr. S. Jayaraj Dr.SatyanandaPanda	Non-darcian effects on the flow and heat transfer in porous media sandwiched between viscous fluids	2015
5	M130203ME	Anand Baghel	Dr. L. G. Kiran Kumar Dr.B.Rohinikumar	Desalination of water with humidification and dehumidification of air	2015
6	M130347ME	Deepak D	Dr.Biju T Kuzhiveli	Design and analysis of a room temperature magnetic refrigeration prototype	2015

7	M130388ME	Satyam Vatsa	Dr. L. G. Kiran Kumar	Design fabrication and testing of an ejector in a refrigeration system	2015
8	M130393ME	Awinash Kumar	Dr.T. J. Sarvoththama Jothi	Thermal characteristics of horizontal buoyant jets	2015
9	M130415ME	Eldhose. K. Joy	Dr. C. Muraleedharan	Enzymatic trans esterification of rubber seed oil	2015
10	M130449ME	Priyank Gupta	Dr. A. Shaija	Production of bioethanol from <i>Salvinia Molesta</i> and its utilization as a fuel in petrol engines	2015
11	M130467ME	Shreenesh T	Dr. A. Shaija	Development of a solar milk pasteurization system for a dairy industry	2015
12	M130468ME	Russel. P	Dr. Biju T Kuzhiveli	Design and development of spiral arm flexure bearing for Stirling cryocoolers	2015
13	M130484ME	Anil M	Dr. P. Arun	Analysis of fluid dynamics and heat transfer in fluidized bed biomass gasifier using CFD	2015

14	M130489ME	Shone C M	Dr. T. J. Sarvoththama Jothi	Preparation of gasification feedstock from leafy biomass and to test in an in-house design and fabricated small scale down draft gasifier	2015
15	M130501ME	Anoop Sunil	Dr.P V Manu & Dr. S. Jayaraj	Experimental investigation using on board dry cell electrolyzer on CI engine in dual fuel mode	2015
16	M130507ME	Sangappa R Dasar	Dr. L. G. Kiran Kumar	Performance analysis of concentrated photovoltaic cell with automatic dual axis solar tracking system	2015