

M-TECH MACHINE DESIGN PROJECT BATCH 2015-17

Sr. No.	Name	Title
1	BIRAJDAR SAMEER AHMED	Numerical investigation of plunging water jet on free surface of water.
2	GAIKWAD ROHIT RAJENDRA	Optimization of vortex tube performance and numerical investigation.
3	KHADKE RISHIKESH VISHAVJIT	Characterization and modelling of radial shape pin fin heat sink.
4	MAHAJAN GAURAV PREMCHAND	Investigation and performance evaluation of T-type industrial strainer.
5	MELWANKI RISHABH MANOJ	Development of Colburn factor and Fanning friction factor correlations for an offset fin of an oil cooler using numerical investigation
6	SID ANIL VASANT	Design and analysis of natural circulation based integral receiver system for 2 MW electric beam down solar thermal plant.
7	SINGARE AJINKYA ANIL	Design and Development of experimental set-up for study of micro and meso fractals through lifting plate Hele Show Flow.
8	WAKCHAURE MAHESH RAMNATH	Numerical investigation of heat transfer behavior during severe accident in Indian pressurized heavy water reactor.
9	KULKARNI RASIKA SUHAS	Numerical investigation of natural convection in vertical enclosure of elevator control box.
10	RONGE DIGVIJAY	Design and development of EAHX through numerical and experimental investigation.
11	DABIO NIRMAL	Heat transfer enhancement in tube fin type compact heat exchanger by using wavy trapezoidal winglet type vortex generators
12	CHAVAN AKASH BHASKAR	Numerical analysis of header shape and inlet configuration on flow maldistribution in micro channel
13	DALWANI MAHESH RAJKUMAR	Experimental and theoretical determination of ignition delay of hypergolic bipropellants
14	UBALE DIVYESH PRAFULLA	Experimental investigation of condensation heat transfer in vertical shell and helical coil heat exchanger
15	SAWANT DURVESH SHANKAR	Development and Characterization of sublimation drying based system to avoid stiction effect in post processin of arrayed microstructures
16	GAIKWAD AJINKYA SURESH	Investigating airborne contamination spread and indoor air quality.
17	NALAWADE SUMIT DINKAR	Improvement of metal casting quality through numerical investigation.

Guide Name
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