

**M-TECH MACHINE DESIGN PROJECT BATCH 2016-18**

<b>Sr. No.</b>	<b>Name</b>	<b>Title</b>	<b>Guide Name</b>
1	BARI DISHANK GAJANAN	Design and development of solar operated portable fish vending machine	Dr. R. S. Maurya
2	BHOSALE RAVIRAJ BALASAHEB	Numerical investigation of smoke flow behavior in a longitudinal tunnel ventilation system	Dr. R. S. Maurya
3	CHORMULE SUHAS RANGRAV	Controlling metal casting quality through chills and exothermic sleeve – Numerical and experimental analysis	Dr. R. S. Maurya
4	DUDHABHATE MAHESH DEVIDAS	Performance analysis of an improved earth air heat exchanger using numerical technique	Dr. R. S. Maurya
5	GAWADE SAGAR MANGESH	Viscous Fingering: Development and control	Dr. Kiran Bhole
6	GAWALI DEEPAK MADHUKAR	Investigating the effect of fouling on fluid flow and its mitigation techniques for shell and tube heat exchanger using CFD simulation	Dr. S. S. Umale
7	JOSHI AKSHAY ACHYUTRAO	Mathematical model and code development for two phase flow natural circulation system using drift flux model	Dr. S. S. Umale
8	NAIK SHRADDHA RAMESH	CFD simulation and validation of gravity assisted heat pipe	Dr. S. S. Umale
9	PAL AJAYKUMAR RANJAN	Comparative study of heat transfer fluid 1-phenyl naphthalene and dowerm-A for solar absorber tube of concentrated parabolic through collector	Dr. B. N. Bhasme
10	PANCHBHAI AMOL PURUSHOTTAM	Experimental and numerical analysis of temperature and flow distribution in an ultra-low temperature freezer.	Prof. K. Y. Bhavsar
11	PATIL NIVEDITA GUNDOPANT	Quantitative assessment of thermal performance of plate heat exchanger using CFD	Dr. S. S. Umale
12	SATPUTE KIRAN PANDURANG	Theoretical and numerical investigation of solution heat exchanger used in vapour absorption system	Dr. B. N. Bhasme
13	MOHITE AMITESH ARJUN	Experimental investigation on the effectiveness of cooling tower with modified packings.	Dr. B. N. Bhasme
14	DERE AKASH RANGNATH	Numerical investigation of flow and thermal behavior in a room equipped with radiant cooling panels.	Prof. K. Y. Bhavsar
15	Walte Abhilash Balasaheb	Potential use of coconut fibre reinforced natural composites	Dr. Kiran Bhole
16	Bhagyashree Uddhavrao Londhe	Microneedles: Fabrication Techniques and applications	Dr. Kiran Bhole
17	Priyaka Ramesh Gangurde	Study of high aspect ratio of drilling holes on EDM	Prof. Megha Janbandhu