

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)  
**Department of Mechanical Engineering**

**Class: M. Tech Energy Engineering-Batch: 2016-2018**

<b>Sr. No.</b>	<b>Roll No.</b>	<b>Student Name</b>	<b>Dissertation Title</b>	<b>Thrust Area</b>	<b>Internal/ External</b>	<b>Affiliation</b>	<b>Name of Guide</b>
1	1605101	BAKAL PRITAM RAYBA SANGEETA	Design and Development of Multi Crop Solar Heat Drying	Solar Energy	Internal		Mrs. Ramola Sinha/ Dr. K.N.Patil
2	1605102	BORTHAKUR SHIVANI SHYAMA NIVA	Optimization of a Method for Improving Performance of Solar Panel	Solar Energy	External	N.M.S Solar, Vashi Navi Mumbai	Dr. S.S. Bhusnoor/ Mr. Naveen Bandaru
3	1605103	CHAVAN PRATHAMESH BHASKAR SANGEETHA	Investigation of effect of Geometric Parameters of capillary Tube on Performance of V.C.R.S. system	Refrigeration & Air conditioning	Internal		Dr. S.R. Nikam
4	1605104	CHAVAN SHRIKANT UMESH MANGALA	Fabrication of Perovskite solar cells, and analysis of its efficiency	Solar Energy	External	BARC, Trombay, Mumbai	Dr. Luckman Muhmood/ Dr. A.K.Chauhan
5	1605105	DAMALE VIPUL VIJAY YAMINI	Design & Development of Turmeric Processing Unit	Solar Energy	Internal		Dr. K.N.Patil
6	1605106	KAMBLE AVINASH ARJUN SAKHUBAI	Solar Herbs Drying cum Grinding Unit	Solar Energy	Internal		Dr. K.N.Patil
7	1605107	KAMBLE ROHIT RAMESH MANGAL	Design of Modified Evaporative Dessert cooler	Refrigeration & Air-conditioning	Internal		Dr. K.N.Patil

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8	1605108	LOTAKE NIKHIL NARAYAN SUNITA	Design and Development of Double Utility Continuous salt and distilled water production by Solar Concentrator	Solar Energy	Internal		Dr. K.N.Patil
9	1605109	PATEL CHIRAG ISHWARBHAI HANSABEN	Energy Audit of Thermal and Electrical Utilities in Industry	Energy Conservation & Management	External	Senergy Consultants Pvt Ltd, Mumbai	Mr. Prashant Jain/ Mr. Ravindra Datar
10	1605110	PATLE RAJAT NARENDRA RANJU	Experimental Studies on Evaluation of Performance parameter of Heat Pipe Heat Exchanger for Recovery of Heat from Engine Exhaust	Thermal (I C Engine)	Internal		Dr. S.S. Bhusnoor
11	1605111	PAWAR KALPESH GURUNATH GEETA	Effect of exit condition of Nozzle on Heat Transfer characteristics of smooth plate in Impinging Jet	Thermal Fluid	Internal		Dr. S.R. Nikam/
12	1605113	RAUT ROHAN GIRISH REKHA	Solar Assisted Vapour Absorption System Using FPC	Solar Energy	Internal		Dr. S.S. Bhusnoor/ Prof. A.S.Desai
13	1605114	TAYDE KALYANI SURESH ASHA	Experimental and Theoretical Studies on Drying of Food Stuff Material Using Solar Evacuated Tube.	Solar Energy	Internal		Dr. S.S. Bhusnoor