

<b>Sr. No.</b>	<b>Name of Students</b>	<b>Roll No.</b>	<b>Title of Thesis</b>	<b>Thrust Area / Field / Domain</b>	<b>Name of Guide / Co-Guide</b>	<b>Internal / External</b>	<b>Affiliation</b>	<b>Any award won / Paper presented / Remarks</b>
<b>2009-11</b>								
1	Prashant S. Gupta	955101	Design and Fabrication of Surveillance Robot with Night Vision	Robotics	N.Venugopal	I		
2	Anant Patil	955102	FEA Based stress Intensification factor calculation for Pipe Fitting	FEA	Dr.N.R.Gilke	E	Toyo Engg Mahesh Kulkarni	
3	Shriprasad Manohar	955103	Air Flow Management Using CFD Analysis in a Data Centre	CFD	Dr. N.R.Gilke	E	APW President Ganesh Hule/Manish Bhatnagar	Cash prize worth 35,000.00 Rs
4	Bhushan Mahajan	955104	Stress Analysis at Nozzle Junction	FEA	Dr. N.R.Gilke	E	Toyo Engg Mahesh Kulkarni	Job offered in Toyo
5	Vivek Mane	955105	Fire Extinguishing Robot	Robotics	Prof. N.Venugopal	I		FIRST PRIZE by ISTE G.S.F.C. National Award for Best M.Tech. Thesis Award

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6	Laxmikant Verma	955106	Model Analysis and study of fillet stresses crankshaft	FEA	Dr. N.R.Gilke	I		
7	Manoj Kaveri	955107	CFD Analysis for a AC Rack	CFD	Dr.N.R.Gilke	E	APW President Ganesh Hule/Manish Bhatnagar	
<b>2010-12</b>								
8	Datta Bhosale	1005001	Design Software for Belt conveyor system	Design and programming	V.S.Naravane	E	Feast S/W pvt Ltd. Dr. Vasudevan	
9	Usmani Fahad Ziaul Ain	1005002	Analysis of a centrifugal Blower using Finite Element approach	FEA	V.S.Naravane	I		
10	Jyotsna Rane	1005003	Simulation Analysis of plastic fuel tank of Automobile using FEA and Mouldflow	FEA	S.N.Bansode	E	Milestone technology pvt Ltd	
11	Ansari Muqueet Husain	1005004	Path Planning of Material Handling Robot Using Ant Colony Optimization (ACO) Technique	Robotics and AI	V.S.Naravane	I		

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12	Rajesh Pansare	1005005	Knowledge Based Engineering approach for Centrifugal Pump Design.	CAD	V.S.Naravane	I		Best Paper award
13	Shivangi Ruparel	1005006	Transient Stress Analysis of a Delayed coke drum using FEM	FEA	S.N.Bansode	E	Toyo Engg Paresh Tulankar	
14	Yogita Patil	1005007	Analysis of solidification Defects in Investment casting by simulation software	FEA	S.N.Bansode	E	Unideritend Ltd	
15	Paresh Deshpande	1005008	Optimization of Finite Element Modelling Technique for structural Analysis of a Pressure vessel	FEA	S.N.Bansode	E	Toyo Engg Paresh Tulankar	
<b>2011-13</b>								
16	Bhambure Shilpa	1105002	Kinematic Analysis and Design of a Gripper for Mechanical Master slave Manipulator	Robotics	V.S.Naravane	E	BARC K. Jayrajan	

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17	Damle Mandar	1105003	Weight optimization of an automobile bumper	FEA	V.S.Narawane	I		
18	Ganjare Smita	1105004	Conceptual Design of Quadruped Robot	Robotics	V.S.Naravane	E	L & T Mr. Ujwal Deole(Assitant Manager)	
19	Marathe Mayur	1105005	Conceptual Design of Miniature Air Vehicle	Design	S.N.Bansode	E	L & T	
20	Menon Chitra	1105006	Study and Optimize Air Flow due to natural Convection in Refrigerators	optimization	N.R.Gilke	E	Godrej R Bhaskar	
21	Pable Swapnil	1105008	Stress Analysis of piping Systems	FEA	S.N.Bansode	E	Toyo Engg	
22	Pawar Atul	1105009	Finite Element Analysis	FEA	S.N.Bansode	I		
23	Shelar Jitendra	1105010	Design and analysis of fixture for automated exterior wall painting system	FEA	Dr. N.R.Gilke	I		
24	Shinde Ruchi	1105011	Dynamic Analysis of the Slave Arm of Master Slave Manipulator	FEA	V.S.Naravane	E	BARC K.Jayrajan	

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25	Sompurkar Apurva	1105013	Optimization of machining parameters of Heat resistant alloy ( Ti-Al6-V4) using Taguchi method.	Optimization DOE	V.S.Naravane	E	Godrej & Boyce Deepak Rane Head ( CAD/CAM)	
2012-14								
26	Abhijeet Uday Karmarkar	1205001	Artificial Intelligence techniques for decision support invariant production.	Robotics	Dr. N.R.Gilke	I		
27	Abhilash Chandramohan Nair	1205002	Numerical Investigation of wind load effect on a Helios-tat	CFD	S.N.Bansode	E	BARC Dr.Eswarenn	
28	Amey Subhashchandra Shirodkar	1205003	Optimization of tube sheet thickness of shelf & tube heat exchanger.	FEA	S.N.Bansode	E	Alter solution Mr. Murli. Mohan	

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29	BENCY BENJAMIN	1205004	5 Axis machining strategies of thin features for titanium blisk.	CNC	S.N.Bansode	E	IIT Mumbai K.P.Karunakaran	
30	KAPIL MANOHARAN	1205005	Design & development of a lab on chip .	Design	Dr. RRLekurwale	E	BARC	
31	PRASAD JANARDAN KARDE	1205006	Statistical Analysis of force reflecting servo manipulator.	Robotics	V.S.Naravane	E	BARC K.Jayarajan	
32	PRASANNA PRAMOD RAUT	1205007	Evaluation of competitive priorities of manufacturing system to enhance level of manufacturing system.	Mfg	Dr. R.R.Lekurwale	I		
33	PRATIK RAJESH SONI	1205008	Segmented object manufacturing	Rapid prototyping	Dr. R.R.Lekurwale	E	IIT K.P.Karunakaran	

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34	Sachin Sunil Oak	1205009	Design, Analysis and Fabrication of quadrupled robot.	Roboics	V.S.Naravane	E	L&T Mr. Ujwal Deole	
35	Sanket Dattaram Parab	1205010	Welding Automation of Defender safe product for improved welding quality & reduced cycle time.		V.S.Naravane	E	Godrej security solutions ( Vijay Kumar Patil- senior manager)	
36	Rishikesh Anil Raorane	1205011	Design & analysis of a underwater capsule.		Dr.N.R.Gilke	I		
<b>2013-2015</b>								
37	Aniket Dudhal	1305001	Modeling and analysis of 6Dof under walter manipulation		Dr.N.R.Gilke	E	L & T	
38	Harshad narvekar	1305002	Integraty check and vibration study for agitator vessel		VVBhosale	E	Toyo engg	

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39	Shristi Sharma	1305003	Design & development of an electro hydraulic roll drive for wind tunnel		R.R.Lekurwale	E	L & T Mahesh Verman	
40	Vivekanad Bhamare	1305004	Prototype & testing of intelligent alternater control	Control Engg.	V.S.Naravane	E	Greeves Cotton Ltd. ( Mr. Kunal Pagar)	
<b>2014-16</b>								
41	Beegala R. Venkata Satya Swaroop	1405001	Intelligent adaphre control of CNC for surface roughness predicator	CAM	VVBhosale	I		
42	Chougale Sanjay Gajanan Gitanjali	1405002	Design fabricate & testing of #D printer	RPD	S.N.Bansode	I		



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43	Ghadge Uddhav Harikisan Vachhala	1405003	Performance analysis of hydrodynamic journal bearing using CFD	CFD	AKGangrade	I		
44	Narawade Sameer Balu Jaya	1405004	Design & simulator of fuel air suspension for light commercial vehicle	Automobile Multi body dynamics	AKGangrade	E	Force motors Mr.C.V.Hotulkar & S.V. Ghalsasi	Job offered in Force Motors
45	Nalawade Mangesh S.	1405005	Design analysis & MFG of delta 3D Printer	RPD	S.N.Bansode	I		
46	Patil Richa Astik Vaishali	1405006	Design fabrication & testing of mask image projector stereolithography m/c for creation of 3D objects	RPD	NSChandrashekar	I		

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<b>47</b>	Patil Yogesh Dattatray Chhaya	1405007	Impracting the mask image projector-stereolitho graphy m/c to enhance its increasibility to produce 3D objects	RPD	NSChandrashekar	I		PHD Admission offered in IIT Mumbai
<b>48</b>	Shelar Pankaj Ragnath Bharati	1405008	Optimization of Manufacturing Process Parameter to Reduce the Rework Using Design of Experiment	Optimisation	RRLekurwale	I		

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<b>49</b>	Shruti Shashi Kumar Shobha	1405009	A novel approach to solve cell formation problem in mfg sector & supply chain optimization problem in manufacturing sector using generation algorithm	AI	V.S.Naravane	I		Job offered in start up company
<b>50</b>	Vispute Ashwini Gajanan Shobhana	1405010	Design & development of tissue cutting tool for heart valve replacement surgery	Bio medical	Dr. R.R.Lekurwale	E	IIT,Bombay B. Ravi	Patent Filed