



Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai
At- Shirgaon, Post-Virar (E.), Tal-Vasai, Dist-Palghar – 401 305.

Tel.: 777 000 2544 • Website : www.viva-technology.org

E-mail: contact@viva-technology.org / principalvit@vivacollege.org

Department of Mechanical Engineering

ME MECHANICAL (MANUFACTURING SYSTEMS) PROJECT DETAILS

Sr. No.	AY	Name of Student	Title of Project	Name of Guide
1	2021-22	Baraskar Shalin Prashant	Experimental analysis of MIG, TIG and LASER Welding	Prof. Niyati Raut
2	2020-21	Naik Prajwal Jaya	Interpretation and Analysis of Gas Metal Arc Welding Parameter using ANOVA and Taguchi Method perform by Robotic Welding Machine.	Prof. Niyati Raut
3		Nemade Harshal Nilkanth	Design And Development of Fixture for Syringe Pump.	Prof. Niyati Raut
4	2019-20	Arondekar Sandesh Narayan	Implementation Of Supply Chain Management	Dr. Arun Kumar
5		Shaikh Sajid Ahmed Kalimuddin	Study On Productivity Improvement In Capsule Manufacturing Organization & Inventory Management Techniques To Improve Quality And Productivity Of Materials	Prof. Niyati Raut
6		Chinchawalkar Kiran Shashikant	Inventory Management	Dr. Arun Kumar
7		Tiwari Premshankar Ramashray	Automation By Cam In Punching Press Machine	Dr. Arun Kumar
8		Naik Nikhil Vaman	Prediction Of Coil breaks At Skin Pass Mill Using Artificial Neural Network	Prof. Niyati Raut
9		Makwana Neha Rameshchandra	Productivity Improvement By Anova Method	Dr. Arun Kumar
10		Kannanaikkal Cige louis	Analysing The Vibration Effect Of Cutting Tool On Rough Surface Of Turning Work piece In Lathe Machine	Prof. Niyati Raut
11		Raut Karishma Rajkumar	Optimization Of Plastic Rotomolding Process By ANOVA and Taguchi Methods	Prof. Niyati Raut
12		Shaikh Sabrina Salim	Implementation of Lean Manufacturing In Reducing Waste For Electronic Assembly Line	Prof. Niyati Raut
13		Raut Tejal Dinkar	Productivity Improvement In Workplace By Proper Utilization Of Employee.	Prof. Niyati Raut
14		Shinde Ketan Maruti	Production Increasing By Using Automation	Dr. Arun Kumar
15	Sharma Krishnagopal Bholaramshastri	Enhancement In Production By Tqm Tools	Dr. Arun Kumar	
16	Anagha Vishwas Agate	Design and Analysis of Multi Layered pressure vessel for variable thermal loading	Dr. Arun Kumar	
17	Shinde Shashank Shrikant	Determination of Johnson- Cook parameters in high, medium and low melting point materials	Prof. Niyati Raut	



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18	2018-19	Sayed Kashif Hasan Hamid	Optimization Of Parameters Using Electric Discharge Machining	Prof. Niyati Raut
19		Donde Priyanka Prakash	Implementation of TPM for reducing losses and increasing OEE	Prof. Niyati Raut
20		Mohd Mustaque Ahmed Mosleam	Study on effect of various parameters on tools for turning process	Dr. Arun Kumar
21		Patil Jidnyesh Atmaram	Improving Production capability of Punching process using TPM tools	Prof. Niyati Raut
22		Shitre Priyanka Suresh	Productivity Improvement in Manufacturing Industry by using TQM tools	Dr. Arun Kumar
23		Vartak Akshay Ramesh	Numerical Analysis of Friction Stir Spot Welding	Prof. Niyati Raut
24		Yadav Rajesh Jagannath	Improvement in Productivity and Quality in SMEs by TQM tools	Dr. Arun Kumar
25		Kandalgaonkar Vishal Ramdas	Optimization of Plasma arc cutting process parameters using Taguchi Method	Dr. Arun Kumar
26		2017-18	Bandekar Prathamesh Uttam	Evaluation and Modification of Glass Railing System using Structural Analysis on ANSYS.
27	Bhandari Karishma Janardan		Improving Productivity by Redesigning the Rubber Extrusion Moulding Die	Dr. Arun Kumar
28	Gaikwad Sushant Shashikant		Implementation of Total Productive Maintenance	Dr. Arun Kumar
29	Gayatri Vjay Malekar		Modification and Analysis of Cyclone Separator used for liquid and powder	Prof. Niyati Raut
30	Jagtap Mayur Deepak		Parametric Optimization to reduce Spatter on Reverse Gear Shifter	Prof. Niyati Raut
31	Patel Shweta Ambubhai		Analysing the effect of variable pressure and plunge force on tube by simulating tube hydroforming process on Explicit Dynamics	Prof. Niyati Raut
32	Prasad Deepika Ishwar		Handling Challenges while Implementing ERP	Dr. Arun Kumar
33	Sankhe Pratiksha Manik		Implementation of TQM Tools for Developing Effective System	Dr. Arun Kumar
34	Tiwari Shikha Gautamnath Vijaylaxmi		Material Requirement Planning by using Goal Programming Method	Dr. Arun Kumar
35	Vartak Praiyank Madhukar		Implementation of Theory of Constraint Philosophy to Improve Productivity of a Toggle Clamp Manufacturing Company	Prof. Niyati Raut