

Mr. Mohit Pala

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Objectives:

"To be a part of an organization where I can fully utilize my skills and make a significant contribution to the success of the employer and at the same time my individual growth."

"A Mechanical professional seeking challenging opportunity to work for a renowned organization to enhance my knowledge, skills and techniques which can benefit the Organization."

Academics:

Sr No	Degree	University/ Board	College/ School	YEAR	CPI/ PR
1	B.E	Gujarat Technical University	Marwadi Education Foundations	July-2017	7.94 (8th sem persuing)
2	H.S.C.	G.H.S.E.B. Gandhinagar	Shantvan School- Rajkot	March-2013	67.06
3	S.S.C.	G.H.S.E.B. Gandhinagar	Om Vidhyalaya- Rajkot	March-2011	74

Co-curricular Activities:

- Got selected in ANSYS (CFD) training organised by ANSYS team at Marwadi Education Foundation.
- Got selected in the CAD CLUB, organized by Marwadi Education Foundation, to train students about Pro-E (Pro-engineer).

- Designed a detail drawing on “micro bio-waste power plant” as a Design Engineering subject.
- Designed a detail drawing on “Re-utilization of exhaust heat from chimney for ceramic kiln” as a Final year subject.

Subject known:

- Design subject of CAD modelling
- Strength of Material
- Manufacturing process
- Knowledge of Mathematics

Area of interest:

- Learn various manufacturing methods and apply it to improve my knowledge.

Software Proficiency:

- Auto CAD
- Creo
- Microsoft Office
- ANSYS(CFD Analysis)

Project Experience:

Project Name : Micro Bio-Waste Power Plant

Description : This portable device allows users to cook, generate heat and charge cell phones simply by burning whatever twigs and sticks they put inside its burning maw. On top of heating up the night during a camping trip, users will can boil their water on a furnace. It includes an integrated battery for energy storage so users won't have to burn fuel every time they want to charge a phone through the accompanying USB port. Additionally, it has a small flexible task light for helping the cook make meals after dark.

Project Name : Re-Utilization of exhaust heat from chimney for ceramic kiln

Description : The main objective of project is to design a system which reutilize exhaust heat coming from ceramic kiln using heat exchanger device known as Recuperator, to increase efficiency of ceramic kiln. We are going to make heat recovery system which can extract heat from flue gases which are emitted to atmosphere and again sending this heat energy to combustion chamber of kiln. To perform this task we are using device called Recuperator. It is installed before the exhaust of chimney where heat is transferred from flue gases which is at a temperature of 250°-300°C to inlet of atmospheric air and this air is transmitted combustion chamber of ceramic kiln.

Industrial Visits:

- Rome ceramic
- Amul
- Jyoti CNC
- Vanakbori Thermal Power Station
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Personal Details:

- **Date Of Birth** : 12th Sep, 1996
- **Gender** : Male
- **Nationality** : Indian
- **Languages Known** : English, Hindi, Gujarati
- **Hobbies** : Playing cricket , Driving car, Travelling
- **Strengths** :Positive attitude, Work in Discipline, PunctualCommunication, Honest and Team Worker

References:

- Prof. Dhaval Anadkat
Assistant Professor Mechanical Engg.
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dhaval.anadkat@marwadieducation.edu.in
- Prof. Jignesh Jani
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