

## Mayank Inani

Contact details:

9722139685/8401085485

mayank.inani60@gmail.com

### SUMMARY:

- Studying in 4<sup>th</sup> year B.E. Mechanical Engineering in Gujarat Technological University.
- To start and build a career in the field with my discipline and creativity.

### TECHNICAL AND PERSONAL SKILLS:

- I have a good ability to manage whole team and completing project as per the time requirement.
- Good knowledge of designing software like as AutoCAD, solidworks, creo.
- I have a good knowledge in fluid, automobile and designing.
- A good communicator with ability to work in a team and work according to deadlines.
- I can always do work with positive attitude.

### EDUCATIONAL BACKGROUND:

EXAMINATION	UNIVERSITY/BOARD	PERCENTAGE/C.G.P.A	YEAR
B.E.	G.T.U.	7.44	-----
H.S.C	G.S.H.E.B.	69.0	2013
S.S.C	G.S.E.B.	89.1	2011

- B.E from Alpha College Of Engineering And Technology, Gandhinagar And my recently C.G.P.A.(7.44).
- I got 7.57 s.p.i. in 7<sup>th</sup> semester mechanical engineering.

### WORKING PROJECT DETAILS:

#### Mould Mechanism

- In this project we had try to set up the dummy or original mould on the moulding machine with less human effort.
- This concept is very economical and easy to apply in industry where heavy weight of mould are placed on the machine.

### IMPLEMENTATION OF FOUR STROKE ENGINE INTO SIX STROKE ENGINE:

- To reduce fuel consumption and increase engine efficiency, we think four stroke engine converted into six stroke engine which gives us better power output.
- By modifying this concept we achieve 30-40% more power output at the same input of four stroke engine and it reduces 25-45% pollution as per our basic calculations so we hope we get very important way with the help of our final year project.
- After the success of this engine in future it may be applicable to the automobiles and could be replaced by four stroke engines.

**Experience:**

- Current I am working in PAMAVATI ENGINEERING as a design engineer.

**MEMBERSHIP IN AUTOMOTIVE SOCIETY:**

- Member in BAJA SAEINDIA till 2017.
- A part of our college BAJA SAEINDIA TEAM and we make our 2<sup>nd</sup> BAJA car VIRTUAL presentation in June 2016.
- Our BAJA car which has very less weight with automatic transmission system C.V.T.

**WORKSHOPS/TRAINING PROGRAMS ATTENDED:**

- Attend seminar based on "SCOPE AND CHALLENGES IN MECHANICAL ENGINEERING-2016" arranged by GUJARAT COUNCIL OF SCIENCE AND TECHNOLOGY.
- Also attend seminar based on "PLAZMA TECHNOLOGY" organised by university.
- Successfully completed vocational training related to automobile vehicle in Honda.
- Also attend automobile workshop arranged by university.
- Successfully completed vocational training related to industry in Kloeckner DESMA Machinery pvt. Ltd.

**PERSONAL DETAILS:**

Date of Birth : 17<sup>th</sup> NOV 1995  
Address : 39- Mangal dhvani soc.,  
NR.- Ramrajya nagar,  
B/H- Saraswati School,  
Odhav,  
Ahmedabad-382415  
Gender : Male  
Marital Status : Single  
Languages Known: English, Hindi, Gujarati  
Hobbies : Playing games, music, Reading Novels, Technical Books, Travelling.

Date: 14/02/2017