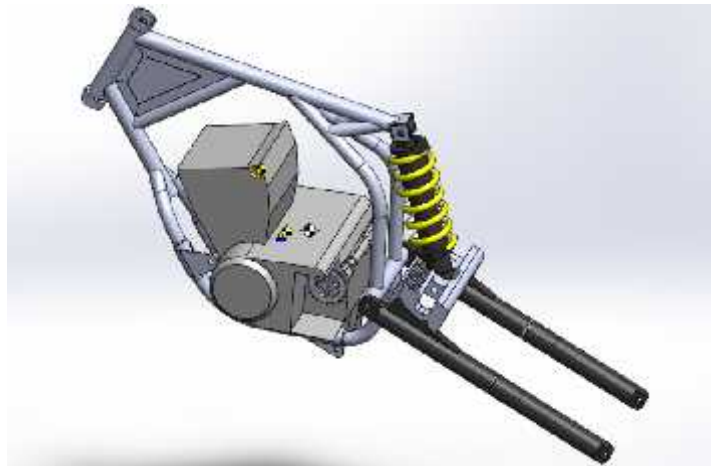


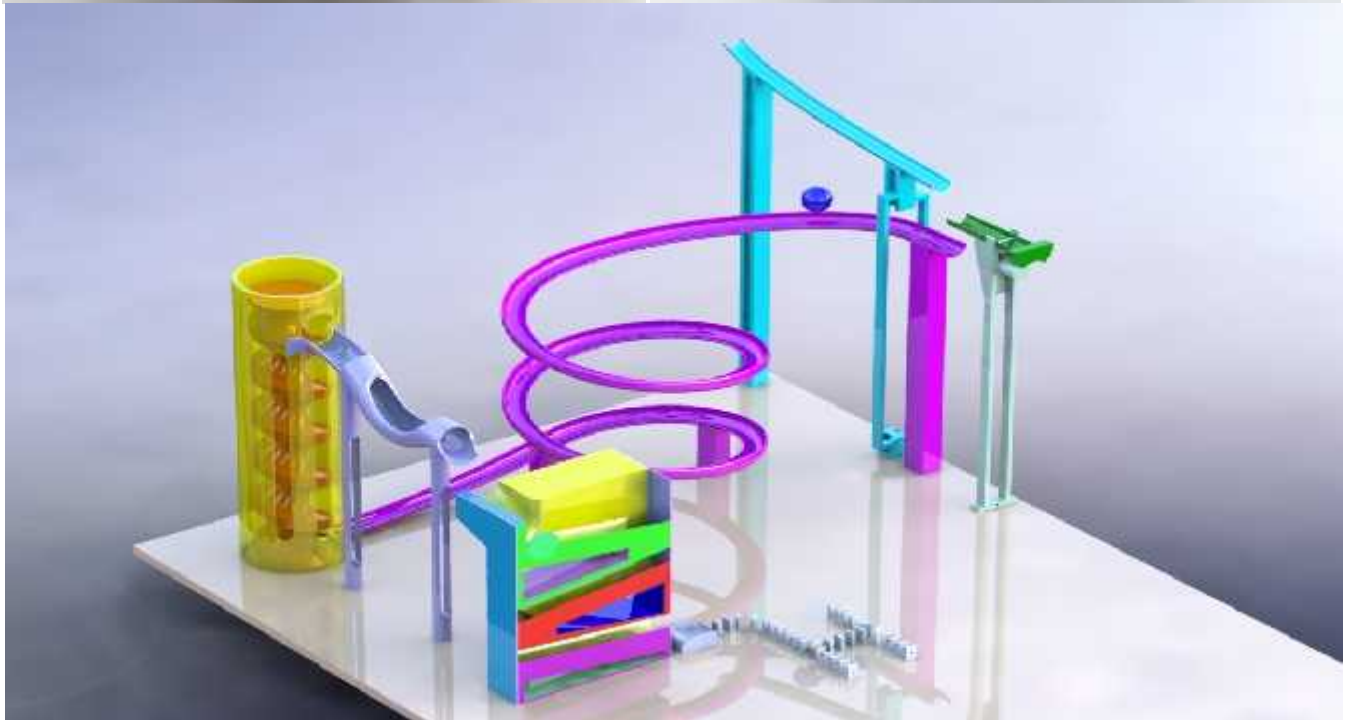
Cover Page:

Myself Umesh Satashia, B.E. Automobile Engineer from M.H. Saboo Siddik Collage of Engineering, Mumbai. I have chosen this course for my passion of designing. My final year project was to design and manufacture a two stroke dirt bike. During this I have prepared a 3D model in Solidworks and tested the same in both Ansys and Solidworks.

After completion of my Bachelors I went to internship program at PSP Lasertech PVT LTD. As I already knew Solidworks and AutoCAD I then started working there from 15th August 2016 to 31st October 2017. I left the job to learn and certify other designing software like CATIA or Unigraphics NX 10. With the knowledge of another designing tool I want to enhance my skills to the next level.

I have attached some pictures of my work at home that demonstrate my designing skills.





Curriculum Vitae

Name: Umesh R. Satashia
Gender: Male
Address: 202/Shree Vaishali C.H.S., W.S. Road,
Opp. Janseva Bank, Dahisar-(E), Mumbai - 400 068.
Contact No.: 0091-9870646477
Email ID: umeshrssatashia2010@gmail.com



Career Objective:

To search for a position in Mechanical/Automobile Engineering (Designing, Manufacturing, Production) that will allow me to improve my knowledge and technical skills also seek the opportunity to learn new skills for future.

Education:

Exam Passed	Institute	Board/University	Year	Percentage
B.E. in Automobile	M.H. Saboo Siddik College of Engineering, Byculla	Mumbai University	2016	6.42 (CGPI)
IELTS	IELTS British Council	British	2017	6.5
GATE	GATE2017	IIT ROORKEE	2017	33.25 (AIR 26373)
Secondary Education	T.P. Bhatia, College, Kandivali-(W)	Maharashtra Board	2012	70.00%
Primary Education	S.V.P.V, Dahisar-(E)	Maharashtra Board	2010	84.18%

- GATE – Graduate Aptitude Test in Engineering
- IELTS – International English Language Test System
- AIR – All India Rank

B.E Project: Motorcycle Dynamics & Engine Tuning.

Our project was totally based on pure Automobile Engineering i.e. to manufacture a 2-stroke Dirt Bike. Which was built according to our own design and material selection for the chassis .Our focus while manufacturing the bike was to keep the bike light weight, strong enough and as compact as possible to improve handling and to increase power to weight ratio.

Team was of 5 members. We divided ourselves according to our subject of interest though everyone was aware acknowledged about everything. We firstly made the design in Solidworks and analyze the huge forces that will be coming on all whole chassis being a dirt bike. Then we went for making a prototype using PVC pipes and finally we prepared it from actual material.

We took the engine of 2-stroke Yamaha RX -135 which was best suitable and available in market. We preferred 2 stroke bike as it gives instant response which is a must in dirt biking. Most important and remarkable part was our swing arm. We made our custom swing arm which was made from the pressure casted aluminum sliders used in front telescopic suspension & this was a unique idea as it will make it strongest part of the bike and would be dealing with high bending forces.

Work Experience:

I was employed at PSP LaserTech, Mumbai – India, as a Design Engineer. I worked there from 15th August 2016 to 31st October 2017. Company was using both SolidWorks & AutoCAD both but majority of the time I was handling SolidWorks hence I have good command over Solidworks.

Engineering Softwares:

- | | |
|---|-------------------------------|
| 1. CATIA V6 (Beginner-currently learning) | 2. SolidWorks |
| 3. Pro Engineer Wildfire | 4. Ansys Workbench |
| 5. EdgeCAM | 6. C - Programming (Beginner) |
| 6. AutoCAD | |

Technical Proficiency: Learned During Curriculum

SAE INDIA Member for 5 Years and organized events during College events.
IEEE Work shop Phase1 - Certificate.
Good Command over operations like **Lathe, Shaping, Drilling, Milling, Smithy.**

Key Skills:

Patience.	Creativity
Self-motivation.	Leadership.
Lifelong Learner.	Analyzing & Investigating.

Hobbies:

Movies.	Exploring New Places Adventure.
Football.	
Reading.	

Personal Detail:

Languages Known: Gujarati (Mother Tongue), English and Hindi (Learning German)

Date of Birth : 27th September 1994.

Declaration:

I hereby declare that the above given information is true to the best of my knowledge and belief.

Date:

Place: Mumbai

Signature