

Mandar Joshi

MECHANICAL ENGINEER

I'm a quick learner, highly motivated and capable of efficient time management and work under pressure in all environments.

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EDUCATION

SSC

MAHATMA SCHOOL OF ACADEMICS AND SPORTS

04/2014

COMPLETED WITH 82.4 %

DIPLOMA IN MECHANICAL ENGINEERING

PILLAI POLYTECHNIC (MSBTE)

07/2014 - 04/2017

COMPLETED WITH 64 %

MECHANICAL ENGINEERING

- FINAL YEAR PROJECT - ANALYSIS AND DESIGN OF TRASH CLEANER .

BACHELORS IN MECHANICAL ENGINEERING

B R HARNE COLLEGE OF ENGINEERING AND TECHNOLOGY (MUMBAI UNIVERSITY)

07/2017 - 07/2020

6.9 CGPA

MECHANICAL ENGINEERING

- FINAL YEAR PROJECT - CYCLOIDAL GEARBOX

SKILLS

MS OFFICE

MS POWERPOINT

MS EXCEL

AUTOCAD 2D

SOLIDWORKS

PROJECT DETAILS

TRASH CLEANER (07/2016 - 04/2017)

- The objective is to replace the manual work in drainage cleaning system by introducing a automated system.
- Product was designed using Solidworks, various operations like welding, drilling, turning, etc were done along with assembly of the same. Cost estimation, planning and procurement of the required materials was carried out successfully.
- Solar based, trash cleaning machine is easy, effective, economical and environment friendly system to reduce the human effort and collecting the trash faster and economically while protecting the environment and reducing pollution.

CYCLOIDAL GEARBOX (07/2019 - 04/2020)

- The objective of our project is to develop a compact size, affordable, user-friendly, easy to maintain, and a efficient speed reduction/torque converter cycloidal gearbox
- Product design was carried out using theoretical and software means by using Solidworks, and selection of various materials and parts were on the basis of the results of the same. Workshop operations, product cost, planning all were carried out successfull.
- Cycloidal Gearbox is a efficient and excellent speed reducer, its rolling contact and compactness with addition torque transmission makes it the best performer with longer service life and tremendous energy saving.

CERTIFICATES

PROJECT EXHIBITION (03/2017)

CERTIFICATE OF PARTICIPATION - TRASH CLEANER

LANGUAGES

ENGLISH

Full Professional Proficiency

MARATHI

Full Professional Proficiency

HINDI

Full Professional Proficiency

INTERESTS

PHOTOGRAPHY

BLOGGING

TREKKING

TRAVELLING

SPORTS

TECHNOLOGY