

NAVINKUMAR DUBASI

Solapur, Maharashtra

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OBJECTIVE

To enhance my professional skills, capabilities & knowledge in an organization which recognizes The value of hard work & trust me responsibility & challenge

EDUCATION

B.tech, Mechanical Engineering	Jul 2016 – Sep 2021
Nagesh Karajagi orchid college of Engineering And Technology, Solapur	8.39/10

Pune Board	2016
D.B.F Dayanand College Of Arts And Science, Solapur.	51.23

Pune Board	2014
D.R.S.E.M.S	61.80

PROJECTS

Design And Development of Horizontal Axis Rust Cleaning Machine	Jan 2021 – Jul 2021
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In the sugar factories ,it is required to lift the sugarcane from the trollies with the help of chains which are made up of cast iron. After lifting the sugarcane, it is uploaded on the conveyers to travel towards the crushers. The conveyers contain long chains, bolts, nuts which are also made up of cast iron. As the sugarcane is cut , there is juice on some of the surface, which contain water. Because of contact of water with lifting chains and conveyers , there is start of rusting process, where there are cast iron parts. So there is need of one rust cleaning machine which will remove the rust by chemical reaction. This is a relatively new industrial rust cleaning method used in sugar factories. Despite of potential area of working, very few alternative rust removal methods are available over conventional de-rusting methods. In the current study is a horizontal axis rust cleaning machine is developed. The container is of cylindrical shape and is rotated by shaft driven by electric motor. The rusted chains, bolts, nuts, couplings are inserted in the container and rotated. The container is filled with the anti-rusting chemical solutions like caustic soda(NaOH). Because of anti-rusting reaction, the surface got discolored from radish to blackish which is its original color. The pars can be repainted for further use. Keywords :- Rust mixture cleaning, anti-rusting.

WORK EXPERIENCE

Graduate Engineering Trainee, H.P Pelzer Automotive Pvt Ltd., Pune	Jun 2021 – Dec 2021
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CERTIFICATIONS

Completed KNOCKDOWN THE LOCKDOWN Course at TCS Platform.	9 Oct 2020
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Mehul Mehta

Communication Skills, Presentation Skills, Soft Skills

SKILLS

C	C++
Intermediate	Intermediate

Microsoft Word
Beginner

LANGUAGES

English
Intermediate

HOBBIES

Cricket	Reading
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