



Nilesh Suresh Rao Somwanshi

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Objective

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

Personal Details

- Date of Birth : 30/03/1998

Experience

- Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded** 10/10/2022 - 17/10/2023
CHB FACULTY
Subject Taught: Materials engineering, Fluid mechanical & Hydraulic machine, Strength of materials (Pr) and Engineering Drawing (Pr).
- Puranmal Lahoti Government Polytechnic Latur** 09/01/24 - 30/05/24
CHB FACULTY
Subject taught: CAD and Entrepreneurship Development

Education

- Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded** 2022
M.Tech (Mechanical -CAD/CAM)
6.80
- Deogiri Institute of Engineering and Management Studies, Aurangabad.** 2020
BE (Mechanical)
B+ / 6.36
- HSC (General Science)** 2016
MJP JR. COLLEGE KALAMNURI
54.31%
- MJPV KALAMNURI** 2014
SSC (Semi-English)
77%

Skills

- HVAC Design and Revit MEP
- Computer Knowledge
- Software: MS-office, Word, Excel, PowerPoint, etc
- Team building
- Capable of working in a group or individual according to the job requirements
- Auto CAD

Projects

- M.Tech Dissertation: Study of Conical Solar Energy Receiver - CFD Analysis by using Ansys Fluent**
31 Coils and made of Copper Tube of 8 mm Diameter . Flow Rate – 2.5 lpm, Solar Radiation of 700 W/m² and 40° C Temperature Difference between input and output .
- BE Project: Design of Smart Wheelchair.**
Low cost mechanism and Affordable
- HVAC-MEP Course Project : Mechanical and plumbing services for office building in Revit**
By using Revit Software, mechanical and plumbing services for office building.

- **Covid-19 Project: Economy booster control measure for sustainable development in and during COVID-19**
The majority of jobs lost in the crisis have been in industries that pay low average wages, with the lowest-paying industries accounting for 30 percent of all jobs but 59 percent of the jobs lost from February 2020 to October 2021, according to Labor Department employment data.

Achievements & Awards

- Go-kart championship of (SKDC) Session-2 with All India First Rank at Hyderabad (TEAM DYNAMICS BOOSTER).
- 2nd runner up in (BFKCT) session-2 at Coimbatore, Tamilnadu. (TEAM DYNAMICS BOOSTER).

Interests

- Volunteer
- Participating in social activities
- Teaching

Activities

- National Service Scheme.
- Go-kart Racing.
- Robot Racing.

Languages

- English
- Marathi
- Hindi

Elective

- Robotics and Automation
- Mechatronics
- Aerospace Engineering

Certificate Courses And Training:

- HVAC- MEP (Designing and Drafting)
- Training: Ready Engineer Program held by TATA Technologies limited
- Workshop: Autohauling workshop 2k17 held by Department of Mechanical Engineering, Deogiri Institute of Engineering Management Studies, Aurangabad
- Workshop: Open Source Technology held by Department of First Year Engineering , Deogiri Institute of Engineering Management Studies, Aurangabad