

RESUME

Miss. Sonal Prakash Maykalwar

Contact no. : - 9657122799

Email: maykalwarsonal@gmail.com

OBJECTIVE :

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.

ACADEMIC DETAILS :

Educational Qualifications

- M-Tech **PRODUCTION ENGINEERING** from Yeshwantrao Chavan College of Engineering Nagpur (An Autonomous Institution affiliated to RTMNU) with 8.5 CGPA (2013-2015)
- Secured **68.86%** aggregate mark in **B.E. MECHANICAL ENGINEERING** from Rajiv Gandhi college of Engineering Research and Technology, Chandrapur (RTMNU) (2013)
- Secured **75.17%** marks in **HSC** from Janata College, Chandrapur (2009)
- Secured **81.53%** marks in **SSC** from LTKV, Chandrapur (2007)

PROJECTS UNDERTAKEN :

M. Tech. PROJECT:

Title

Design of Modular Fixture For CNC Turning Machine

This work is primarily concerned with Design and modeling modular fixture elements and analyzing the assembly for different complex shape work pieces. We propose a methodology for designing a fixture for CNC turning center. The model is being manufactured and tested on a MTAB Flex turn CNC Turning Machine.

Design of parts carried out in **CREO** and Analysis is done in **ANSYS**.

B.E. PROJECT:

Title

Design And Development Of Stretcher Cum Wheelchair

In this project with the help of Four Bar Mechanism, movement of Stretcher to Wheelchair and vice versa is possible. It consist of leg rest & Back Rest. Hip rest will be immovable & parallel to ground always. Manufactured model finds excellent applications in Multispecialty Hospitals.

Design of parts carried out in **PROE**.

Paper published in International conference/ Journal

- Paper Presented on, " A Review On Design of Modular Fixture For CNC Turning Machine" in International Conference on Recent Trends and Technology at DMIETR, Wardha.
- Paper titled, "Modular Fixture Design Methodology For CNC Turning Machine" published in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 11 (2015).

Trainings :

Organization- 'Maharashtra Electros melt Limited', Chandrapur

- Duration- 15 days
- Description: This project was intended to study the various manufacturing processes in the block.

Organization- 'Chandrapur Super Thermal Power Station, Chandrapur

- Duration- 15 days
- Description: This project was intended to conduct a detailed study of BMD and other activities in the power plant.

Extra Curriculum Activity

- Presented Seminar On "Magneto Abrasive Flow Machining".
- Participated in mini project(Ergonomic Stand For Keyboard and Mouse)event in RCERT ,Chandrapur
- Member of MESA (Mechanical Eng. Student Association)
- Contributed effectively as a Team member of Cultural Committee.
- Participated in college level Basket Ball, Cricket.

Personal Information :

Name	:	Miss. Sonal Prakash Maykalwar
Date Of Birth	:	24/05/1992.
Address	:	State Bank Colony, Dhakate Lay out ,Tukum ,Chandrapur
Nationality	:	Indian
Gender	:	Female
Languages known	:	English, Hindi, Marathi.

Declaration:

I hereby declare that the above-mentioned information is correct to best of my knowledge.

Place :

Date :

Sonal P. Maykalwar