

Curriculum Vitae

Rutuja Rajendra Chikhale

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Residential Address: B-10, Shree Krishna Villa CHSL, Plot no. 31D, Sector-1, Indrayaninagar
Bhosari, Pune 411026.

Carrier Objective

To secure a promising position that offers me both the challenges and a good opportunity for growth where I can apply and enhance my knowledge and skills to serve the firm to the best of my efforts.

Educational Qualification

Branch: Mechanical Engineering

Degree/Certification	Board/University	School/College	Year of Passing	Percentage/SGPA
BE (Mech Engineering)	SPPU	MMCOE, Karvenagar Pune	2020	8.41
TE (Mech Engineering)	SPPU	MMCOE, Karvenagar Pune	2019	6.83
SE (Mech Engineering)	SPPU	MMCOE, Karvenagar Pune	2017	6.66
FE (Mech Engineering)	SPPU	MMCOE, Karvenagar Pune	2016	6.4
H.S.C	Maharashtra	Birla College, Kalyan	2015	57.08
S.S.C	Maharashtra	Sri Vani Vidyashala High School, Kalyan	2013	88.00

Projects

MINI PROJECT:

Project Title: Metal Detector

Description:

A Metal Detector is an electronic device that includes an oscillator which produces AC that passes through a coil producing an alternating magnetic field. If a part of it is near to the coil, eddy current is induced in the metal and this produces a magnetic field of its own. It is used for security purpose, in construction industry, archaeological sites, etc.

TE PROJECT:

Seminar Title: Shape Memory Alloy (SMA)

Description

SMA are special type of alloys. They an interesting property of Shape Memory Effect because of which the alloy can be made to remember a particular shape. Once the shape has been remembered, the alloy can be bent out of shape. It then can be returned to its original shape by heating the alloy about its transition temperature.

BE PROJECT:

Project Title: Computational Fluid Dynamics (CFD) analysis of Triple Tube Heat Exchanger

Description:

1. Triple Concentric-Tube Heat Exchanger have been studied for their improved performance in heat transfer and ability to give more efficiency as compared to double concentric-tube heat exchangers.
2. Modeling of Triple tube heat exchanger is done in CATIA V5 Software.
3. Meshing of triple tube heat exchanger is performed using STAR CCM+ software.
4. CFD Analysis of Triple tube heat exchanger is done to achieve various parameter like outlet temperature of oil and water. Also doing appropriate calculations and using correlations, lengths of tubes can be determined.

Internship

6 months internship at Trimurti Enterprises, Sector-10, Plot no. 114/1, Industrial Estate, Bhosari, Pune (4th December 2017 to 30th May 2018)

15 Days internship at Hexatech Engineers, S-220, MIDC, Bhosari, Pune- 411026 (6th June 2019 to 28th June 2019)

Technical Skills

- CATIA
- Basics of ANSYS
- STAR CCM+

Awards and Certification

- MESA Poster Presentation Competition
- CATIA software course certification

Extra-Curricular Activities

- Co-in charge for College Ensemble 2K19
- Coordinator at ISTE Students Chapter
- Attended Workshop on Vehicle Dynamic of UTKRAANTI
- Attended Workshop on Basic of Air Conditioning at ISHRAE Student Chapter

Strength and Skills

- Management Skills
- Good Observer and Listener
- Quick Learner
- Co-ordination Skills

Personal Details

Name : Rutuja Rajendra Chikhale
Date of Birth : 05/02/1997
Address for communication : B-10, Shree Krishna Villa CHSL, Plot no. 31D, Sector-1, Indrayaninagar, Bhosari, Pune-411026
Languages Known: English, Hindi and Marathi
Marital Status : Unmarried
Nationality : India

Declaration

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