



Mahesh Gaikwad

ME Mechanical Design Engineering

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OBJECTIVE

“To build a long-term career as a teacher with opportunities for career growth and to keep up with the cutting edge of the teaching technology.”

RELEVANT EXPERIENCE

Assistant Professor (Mechanical Department)(Adhoc Recruitment)

Working

Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri Nanded

- Subject(s) Thought
 - Automobile Engineering - Final Year B.Tech
 - Advance Machining Technique - T.Y. B.Tech
- Responsibilities Shouldered
 - Faculty Mentor for Baja 2020
 - Conducted two workshops titled as “Python Programming and Beyond” during 17th - 25th Aug 2019.

Python Educator

12 month

concretesteelbond

- Workshop Title: “Python: An Introductory Programming Workshop”
- This course aims to teach everyone the basic of programming using Python.
- Student Count : 230

Solidworks Educator

2 month

concretesteelbond

- Workshop Title: “Modeling and Meshing in Real World”
- Student Count : 80

CAE Engineer

6 month

Xitadel CAE Technologies India Private Limited, Bangalore

- Python Scripting in ANSA GUI
- Process and Automation for CFD, CAE, Wrapping, Bead Mesh Creation

ANSA Trainee Engineer

3 month

Xitadel CAE Technologies India Private Limited, Bangalore

- Working experience of ANSA CFD projects.
 - Intake Manifold
 - exhaust Manifold
 - Radiator
 - Heat Exchanger
- Ability to carry out the Plastic & sheet metal sub-assemblies modeling independently.

EDUCATION

Master of Engineering (Mechanical Design Engineering)

2015-2017

Vidya Pratishthan's Kamalnayan Bajaj College of Engineering & Technology, Baramati

Rank 1 CGPA 8.332

Bachelor of Engineering (Mechanical Engineering)

2010-2015

Vidya Pratishthan's Kamalnayan Bajaj College of Engineering & Technology, Baramati

63 % (first class)

HSC Maharashtra State Board

2009-2010

Milind Junior College, Latur

Percentage 67.63%

SSC Maharashtra State Board

2007-2008

Yashavant Vidyalay Pimpriamba, Yeli, Latur

Percentage 79.53%

PROJECT DETAILS

Master of Engineering (Mechanical Design Engineering)

2016-2017

Title - Fatigue Behaviour of Femoral Implant: A Numerical and Experimental Study.

Project deals with following things,

1. Analyse fatigue life of implant for all orientation by using FEA.
2. Calculate fatigue life of hip implant by experimentally having orientation as per ISO standard.
3. Investigate the effect of different orientation for hip implant as per ISO standard.

Bachelor of Engineering (Mechanical Engineering)

2014-2015

Title- Design and Trial of Seed and Crop Transplanter

We have tried to develop such a Transplanter which is easy to manufacture, cost effective with dynamic acceleration and fast speed of response. This project deals with the various sowing methods used in India for seed sowing and fertilizer placement.

CERTIFICATION

Certification of ANSA training	2017
Certification of MSCIT	2008

SOFTWARE SKILL

Professional Work

Flutter, Dart, Android Studio, Python, Java, Ansa, Latex, Basics of Ansys, Solidworks, Solidedge, Autocad, Matlab

Additional Software

Blender, Maya, Catia, Creo, Photoshop, NX

PERSONAL SKILL

- Quick Learner.
- Able to handle multiple situations at the same time.
- Creating Ideas: Creativity.
- Can manage time effectively.
- Good Computer handling skills.

EXTRA CURRICULAR ACTIVITIES

Abstract was selected under title 'Fatigue Behaviour of Femoral Implant: A Numerical & Experimental Study', <i>International conference on composite materials and structures</i> , 27-29th December 2017, Hyderabad, India.	2017
Published research paper in PGcon under title 'Fatigue Behaviour of Femoral Implant: A Numerical & Experimental Study'.	2017
Attended two days workshop on "Virtual Instrumentation using LabVIEW & Data Acquisition System" at MES college, Pune.	2016
Two Year Volunteer of NSS (National Service Scheme).	2013-2015
Held Technical Head & Creativity Head position in event 'ELYSIUM '.	2014
Participation in National competition 'ELYSIUM ' & winner in Catapult.	2012

PERSONAL DETAILS

Father's Name : Mr. Govind Ganpati Gaikwad
Mother's Name : Mrs. Surekha Govind Gaikwad
Date of Birth : 10th of May, 1992
Languages known : English, Marathi, Hindi
Hobbies : Painting, Cooking, Internet Surfing

I hereby declare that all the above said facts are true to my knowledge.

Date:

Place:

Mahesh Gaikwad