

RESUME

AMRIT SHENDE

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Date of Birth: 03/01/1994 (Mamta nagar, street no. 2, ward no. 19, Rajnandgaon , C.G 491441)

OBJECTIVE

I am very curious about learning and exploring new things and contribute my level best to the organization for which I work in a positive and sincere way. I will keep my commitment and integrity towards my work.

ACADEMIC QUALIFICATION

B.E. **MECHANICAL ENGINEERING DEPARTMENT (ME)** from Government engineering college raipur (CSVTU) in 2015.

M. Tech **HEAT POWER ENGINEERING (HPE)** from Visvesvaraya National Institute of Technology Nagpur in 2018.

***GATE 2016 Percentile is 92.134%**

QUALIFICATION	INSTITUTE	BRANCH	YEAR	CGPA/%
M.TECH.	Visvesvaraya National Institute of Technology, Nagpur	Heat Power Engineering	2018	7.77
B.E.	Govt Engineering college, Raipur/ CSVTU	Mechanical Engineering	2015	71.47%
12Th	CGBSE	PCM	2011	82.8%
10Th	CGBSE		2009	74.33%

EXPERIENCE

Name of University	Department	Designation	Duration	Length of service
Pt. Ravishankar Shukla University Raipur	Institute Of Renewable Energy Technology And Management Department	Guest Faculty	2018-2019 and 2019-2020	Two Academic Session (2 years)

SEMINAR PROJECT AND EXTRA CURRICULAR ACTIVITIES

1. SEMINAR

I. M.Tech 1st Semester **TEQIP-II** sponsored two day workshop on CFD application.

Topic : Energy Efficiency and Safety

Duration : 2 days

Platform : ANSYS FLUENT

Description: In this workshop problem is discussed related to safety of human begin and try to improve the efficiency of mechanical safety system with the use of the very dynamic computational tool i.e. CFD.

II. M.Tech 2nd Semester Project based summer school and software training program on Computational Fluid Dynamics

Topic : get a better understanding of a flow physics and apply in computational software

Duration : 5 weeks training program

Platform : ANSYS FLUENT , ICEM CFD and Tec Plot

Description : Three basic parts of CFD analysis is done in whole training program ,Pre-Processor, Solver and Post-Processor. ICEM CFD is used for geometry creation and mesh generation, FLUENT is used for the solver part and at the end data plotting and curves analysis Tec Plot is used.

2. PROJECT

M. Tech. Project

Topic : Numerical Analysis Of Hypersonic Flow Over A Double Wedge Configuration.

Duration : 1 year (Institutional Level)

Platform : ANSYS (ICM CFD and FLUENT)

Description : Made an analysis for accounting the amount of surface heat flux, pressure distribution and length of separation zone at compression corner in hypersonic flow. In future this project can be extend for finding the suitable insulation for Re-entry vehicle.

B.E. Project

Topic : Design And Development Of Double Acting Shaper Machine.

Duration : 6 months (Institutional Level)

Platform : Small scale model and manual calculation

Description : For the optimization and reduction of a job competition time in shaper machine, an idea is proposed that, utilize both the stroke i.e. forward and backward stroke for machining.

EXTRA CURRICULUM ACTIVITIES

- Drafted the question paper listed below for the End semester examination in Ravishankar shukla university Raipur-
 1. Energy efficiency in thermal utility
 2. Mechanics and thermodynamics for energy application

3. Concentrating solar thermal systems
 4. Engineering drawing
 5. Wind energy conversion system
- Worked as trainer in International solar ambassador program (SoUL) conducted by the IIT Bombay in 2019.
 - Conducted and attended the international seminar on recent advances in sensors for human healthcare under the aegis of public outreach center in 2019.
 - Worked as workshop manger in two days national level workshop in Pt Ravishankar shukla university Raipur.
 - Worked as the Deputy manager for 1st year M.Tech HPE during Vihang 2017 (Sports and Cultural event)
 - Assisted Summer School on CFD dated 26th May to 31st June 2017 as a volunteer.
 - Manage the various function and cultural activities during academic period.

SUMMER INTERNSHIP (ONE MONTH)

- NATIONAL THERMAL POWER CORPORATION, KORBA (C.G) June 2013
- NISSAN AUTOMOBILE WORKSHOP, RAIPUR (C.G.) June 2014

COMPUTER PROFICIENCY

- ANSYS CFD (ICEM , FLUENT / DENSITY BASED SOLVER)
- OPERATING SYSTEM: WINDOWS
- MS OFFICE

SOFT SKILLS

- Positive attitude.
- Flexibility and adaptability

HOBBIES AND INTEREST

- Dancing.
- Playing Basketball.
- Indoor/outdoor games.

I hereby acknowledge that the information furnished above is correct to the best of my knowledge.

Date

Amrit Shende