

RESUME

PATIL VIDDYA SUNIL

A/P: Rangoli

Tal. :Hatknangale, Dist.: Kolhapur,
Maharashtra.

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B.E(Mechanical), ME Design

Career Objective:-

I would like to work in an organization that allows me to utilize my unique background skills and talent so as to realize my full creative potential in environment that encourages continuous learning teamwork and quality.

Key Points:-

- ❖ Structural analysis of cylinder head gasket under engine operating condition.
- ❖ Mathematical calculations of pressure generation on gasket.
- ❖ Study and Selection of gasket material.
- ❖ Selection of supports on requirement of stress analysis.

Educational Qualification:-

Sr. No.	Exam	University / Board	Year	Marks%	Remark
1.	PhD	Shivaji University, Kolhapur	Pursuing	-	-
2.	M.E.	Shivaji University, Kolhapur	2014-2015	67.26%	First class
3.	B.E.	Shivaji University, Kolhapur	2013-2014	65.47%	First class
4.	D.S.E	M.S.B.T.E.	2010-2011	69.97%	First class
5.	S.S.C.	Kolhapur.	2007-2008	86%	Distinction

Vocational Training:

- ❖ **Organization:** “Techno vision Auto Components Pvt.Ltd Jaysingpur, Kolhapur” during 1st June to 15th June 2010.
Knowledge Gained : Learnt about various machining processes.
- ❖ **Organization:** “General Machine Tools Ichalkaranji” during 15th June to 30th June 2013. **Knowledge Gained :** Learnt about various machining processes.

Project Work:



ME Project-

Project title -“Design and Analysis of cylinder head gasket of four stroke diesel engine” **sponsored by** - Greaves Cotton Ltd Pune.

Project description - consist structural analysis of cylinder head gasket under engine operating conditions. Analysis is carried out by using Ansys 16.2 software and also mathematical calculations are done regarding pressure application on gasket. Results are compared with experimental results.



B.E. project –

Project title - “Optimization In Plant Layout and Material Handling System”.

Sponsored by - “General Machine Tools Ichalkaranji”.

Project description - Study of plant layout and design of roller conveyer as a material handling system.



Diploma project –

Project title - “Boll bearing attachment on lathe machine”.

Project description – Attachment is carried out to generate spherical shape.

- ❖ **Project Funding-** Get Funding of 15000 From GOSHIMA for the project “Design and Development of Prototype for fruits and vegetables for Increasing their shelf life by IOT based Hydro cooling Technology”

Software Known:

- ❖ Auto-cad
- ❖ CATIAV5
- ❖ Ansys Workbench 16.2

Experience:

- ❖ Three years teaching Experience as Assistant professor in SITCOE Yadrav.
- ❖ Six month experience in “Research and Development center (SGI Atigre)”.
- ❖ 1 year internship in “Greaves cotton Ltd Pune”.

Hobbies:

- ❖ Writing poems.
- ❖ Reading books.
- ❖ Playing games.

Extra Activities:

- ❖ Presented paper in International conference on Modern Era Research in Mechanical Engineering held on 29-30 September 2016 at RIT, Rajaramnagar in association with institute of engineers, India (IEI) Kolkata.

Paper title – Design and Analysis of cylinder head gasket under engine cold assembly and cold start condition.

- ❖ Presented paper in International conference on Recent Innovations in Engineering (ICRIE) held on 8-9 October 2016 at RIT, Hirasugar Institute of technology Nidsoshi, Belgavi.

Paper title – Design and Analysis of cylinder head gasket under engine cold assembly condition.

- ❖ **Paper title**- “Design and Analysis of cylinder head gasket under engine cold assembly condition” is published in **Journal of Advances in Science and Technology Vol 12, Issue No. 25, December 2016, ISSN 2230-9659**
- ❖ Participated in Poster presentation of “Avoid the feticide” in “Abhiyan-2010”
- ❖ Participated in making model of “ROBOT” in Tatyasaheb kore Inst. of Engg. & Technology warananagar.
- ❖ Member of HORIZON and MESA comity.
- ❖ Participated HORIZON in Dr. J. J. Magdum college of Engg. Jaysingpur.
- ❖ Participated and won prizes in essay competition at school level.



Represented school in Inter-School Competitions of Kho-Kho, Kabbd and badminton

Strengths

- ❖ Can effectively work in team as well as an individual.
- ❖ Hardworking.
- ❖ Good Presentation skill.
- ❖ Ready to work on new things.
- ❖ Enthusiastic leadership approach.

Area of Interests

Design Department, Quality Control department, Research and Development center.

Personal Details:

Name : PATIL VIDDYA SUNIL

Date of Birth : 5 March, 1992

Gender : Female.

Marital Status : Single

Permanent Address : A/P: Rangoli,
Tal. : Hatknangle, Dist.: Kolhapur,
Maharashtra.

E-mail : vids204@gmail.com

Phone : 9850202728

Religion-Caste : Jain-Pancham

Languages Known : English, Hindi, and Marathi.

Declaration:

I do hereby declare that all the information furnished above is true to the best of my knowledge and brief.

Date:-
Place:-

Yours Faithfully

PATIL VIDDYA SUNIL