

SHRIKANT BHARGAV THORAT



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Kamal Kunj, At Post Karve

Tq. Karad, Dist. Satara - 415110

OBJECTIVE

Seeking challenging assignments in Research & Development /Analysis /Product Design and Development Engineering with a leading organization of repute in mechanical industry.

SYNOPSIS

- Pursuing PhD in Manufacturing from Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra.
- Completed M.Tech with 7.94 CGPA in Manufacturing from Dr. Babasaheb Ambedkar Technological University, Lonere.
- Three years of experience in research and product development area.
- Sound knowledge and hands on experience on ANSYS Workbench, FEMFAT.
- Possess sound knowledge in Material Science, Manufacturing Processes and Advance Machining Technology.
- Good knowledge about Design of Experiments and optimisation techniques to conduct experiments.
- A dedicated & effective communicator with good analytical & interpersonal skills.

WORK EXPERIENCE AND INTERNSHIP

Institute: Dr Babasaheb Ambedkar Technological University, Lonere

Role: Assistant Professor

Duration: July 2017 to till date

Description: Subject Taught:

- Engineering Graphics
- Applied Mechanics

Company : Institute of Chemical Technology (ICT), Mumbai

Role : Project Assistant (at DBATU, Lonere)

Duration : June, 2014 - April 2016

Description

- Manufactured and delivered three finished innovative products under Innovation Networking projects within specified timeline.
- National patents were filed for two products.

Company : Om Chaitanya Engineering Works, Kolhapur

Role : Production In-charge

Duration : December 2013 – May 2014

Description

- To calculate raw material and man power requirement.
- To procure and inspect the raw material at initial stage.
- Maintaining the monthly production reports.
- Solving problems on the shop floor by working closely with production people involved in fabrication.

COMPUTER LITERACY

- Well versed with softwares like FEMFAT, ANSYS workbench, CATIA-V5, Minitab, Design Expert & MS-Office.

ACADEMIC DETAIL

<i>Education</i>	<i>Board/University</i>	<i>Year of Passing</i>	<i>Class</i>
<i>Ph. D. (Manufacturing) (Pursuing)</i>	<i>Dr.B.A.T.U., Lonere. Maharashtra</i>	<i>2014- till date</i>	<i>First</i>
<i>M-Tech (Manufacturing)</i>	<i>Dr.B.A.T.U., Lonere. Maharashtra</i>	<i>2012-13</i>	<i>Distinction</i>
<i>B.E (Production)</i>	<i>Shivaji University, Kolhapur</i>	<i>20010-11</i>	<i>First</i>
<i>H.S.C</i>	<i>C.B.S.E.</i>	<i>2006-07</i>	<i>First</i>
<i>S.S.C</i>	<i>C.B.S.E.</i>	<i>2004-05</i>	<i>Distinction</i>

ACADEMIC PROJECTS

M. Tech.: Design and manufacturing of Stent for Cardiovascular Application using Photo Chemical machining (PCM)

- The manufacturing of low cost Cardiovascular Stent using Non-conventional Machining (Photochemical Machining) Process for stainless steel (SS 316L).
- Optimize the process parameters for seamless tube of SS316L

B.E.: Water Injection System for Four stroke SI Engine

- The project objective is to reduce the NO_x emissions to incorporate features leading to continuous emission control.

- It deals with reducing Detonation and Pre-ignition along with fuel saving concept.
- Increases the efficiency and performance of the four stroke SI engine

Papers published in International Conferences:

- S. Thorat, V. Lonkar, D. Patil, and M. Sadaiah; ‘Some Investigations on Photochemical Machining of Cobalt-ChromiumL605 Alloy, 6th International and 27th AIMTDR Conference, December 16 – 18, 2016, COEP Pune.
- S. Thorat, V. Lonkar, and M. Sadaiah; ‘Novel Etchant for advance Material, 1st International iCMMMD Conference, December 20 – 21, 2016, DBATU Lonere.
- S. Thorat, R. Dugad, and M. Sadaiah; ‘Design, Analysis and Manufacturing of bare Metal Coronary Stent using PCM, 10th International COPEN Conference, December 07 – 09, 2017, IIT Madras
- Paper accepted for Oral presentation in 19th CIRP International Conference, April 23- 27, 2018, Bilbao, Spain.
- Qualified GATE 2012.

PERSONAL DETAILS

Name: Shrikant Bhargav Thorat
Contact Number: 9766458323
Date of Birth: 15th June 1989
Gender: Male
Marital Status: Unmarried
Hobbies: Trekking and Travelling etc.
Languages Known: English, Hindi & Marathi

Declaration:

I hereby declare that the information given here is true to the best of my knowledge and belief.

Date: 1/01/2018

Place: Lonere

Thorat Shrikant B.