



Prof. Vishavjit Luxmanrao Bhanavase

ME-Mechanical

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## Academic Qualification

Degree	Institute Name	University Name	Year of Passing	Percentage	Grade	Qualification Status
PhD (Pursuing)	Dr. Batu Lonere	Dr. Batu Lonere				(Pursuing)
ME-Mechanical	Sinhgad College of Engg	SPPU Pune university	2007	66	First Class	Completed
BE Mech	Govt College of Engg Karad	Shivaji University Kolhapur	1997	60.60	First Class	Completed

## Skill Upgradation Details

Skills	Certification Name	Domain	Certification Date		
Shot-Term Training Program on Planing,Erection and commissioning of solar power plant upto 10 KW	MNRE in coloboration with LOOM SOLAR	Non conventional Energy resources	29 April 2020		
Teaching Methodology	FDP on Soft Computing	Design engg	Sinhgad College of Engineering,Pune Jun 01, 2015 To Jun 13, 2015		
Teaching Methodology	Indian Institute of Technology Delhi	Tribology in Practice	IIT DELHI May 10, 2010 To May 14, 2010		
STAFF DEVELOPMENT PROGRAMME	NATIONAL INSTITUTE OF TECHNICAL TEACHER'S TRAINING AND RESEARCH,BHOPAL	Teaching Skill	Jul 23, 2007 To Aug 04, 2007	TECHNICAL TEACHER'S TRAINING AND	GOVT. POLYTECHNIC PUNE

## Training Details

Training Title	Arrange By	Venue	Date	Level	Category	Type
process Equipment Design	Sinhgad Institute of Technology, Lonavala	Sinhgad Institute of Technology Lonavala	Apr 19, 2010 To Apr 23, 2010	National	process Equipment Design	STTP, EXTERNAL
Automotive Electronics	PVG's College of Engineering and Technologies Pune	PVG's College of Engineering and Technologies, Pune	Dec 21, 2009 To Dec 25, 2009	Automotive Electronics National level	Mechtronics	STTP, EXTERNAL
Nano Technology	SVERT'S College of Engineering Pandharpur	Pandharpur	Dec 15, 2008 To Dec 19, 2008	Materials	Nano Technology	STTP, EXTERNAL

## Subject Expertise

Subject	No Of Years
Theory of Machine I	10
Theory of Machine II	11
TRIBOLOGY	08
MECHANICAL SYSTEM DESIGN	6
DYNAMICS OF MACHINERY	1

## Conference Details

Name	Venue	Date	Level	Category	Type	Sponsored By
Design and Analysis of Gear tooth for Engine Gear train to avoid failure due to banding and pitting by varying CR	Vellor institute of technology	2014	International	Quality Improvement Programs		ISTE

## Seminars Attended

Seminar Topic	Conducted	Venue	Date	Level	Category	Type
Recent Advances in Vehicle System Design	Sinhgad College of Engineering	Sinhgad College of Engineering	Apr 18,2006 To Apr 19,2006	Quality Improvement Programs NATIONAL	External	Mr. Vishavjit Laxmanrao Bhanavase
Industrial Automation using Robotics and PLC	Sinhgad College of Engineering Pune	Sinhgad College of Engineering Pune	Apr 12,2006 To Apr 13,2006	Quality Improvement Programs NATIONAL	External	Mr. Vishavjit Laxmanrao Bhanavase

## Workshop Attended

Workshop Topic	Conducted By	Date	Level	Category	Type
Hyper works ver 10.0	Sinhgad Academy of Engineering, Kondhwa	Nov 22,2010 To Nov 26,2010	Training	Industry Interaction	External
Implementation of Syllbus of Machine Drawing and Computer Graphics for S.E. Mechanical Engineering	Vishwakarma Institute of Information Technology, Pune-48	Jul 11,2009 To Jul 11,2009	Training	Intra-Institutional Conference	External
Industrial Vibrations A Dignostic Approach	Pravara Rural Engineering College Loni	Apr 01,2005 To Apr 02,2005	Institute	Quality Improvement Programs	External
Recent Advances in Vehicle System Design	Sinhgad College of Engineering	Apr 18,2006 To Apr 19,2006	National	Quality Improvement Programs	External
Industrial Automation using Robotics and PLC	Sinhgad College of Engineering Pune	Apr 12,2006 To Apr 13,2006	National	Quality Improvement Programs	External
MISSION 10X	Wipro	Oct 11,2010 To Oct 15,2010	Institute	Intra-Institutional Conference	External

Non Linear and Dynamic Analysis using ANSYS12.1	Trinity College of Engineering and Research, Pune	Oct 25,2010 To Oct 25,2010	Institute	Industry Interaction	External
INDUSTRIAL TRIBOLOGY	VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE (VJTI), MUMBAI	Dec 07,2015 To Dec 11,2015	Technical	Quality Improvement Programs	External
Two week SDP on SOFT COMPUTING	SINHGAD COLLEGE OF ENGINEERING, VADGAON(BK.), PUNE-41., Sponsored by AICTE	Jun 01,2016 To Jun 13,2016	Quality Improvement Program	Quality Improvement Programs	External
A STATE LEVEL faculty development programme on ENTREPRENEURSHIP	ENTREPRENEURSHIP CELL,SINHGAD COLLEGE OF ENGINEERING	Feb 11,2016 To Feb 13,2016	Technical	Quality Improvement Programs	External
MATLAB and SIMULINK Learning by doing	GOVT. COLLEGE OF ENGG. KARAD. an AUTOMOTIVE INSTITUTE OF GOVT of MAHARASHTRA	Jun 06,2016 To Jun 18,2016	Quality Improvement Program	Quality Improvement Programs	External

## Research Papers and Journals

ISSN/ISBN No	Paper Title	Publish Date	Journal/Conference Name	Level	Paper Status	Authors
ISSN: Ird India 2321-5747, Volume-2, Issue-3, 2014	Design and Analysis of Gear tooth for Engine Gear train to avoid failure due to banding and pitting by varying CR -	ISSN: Ird India 2321-5747, Volume-2, Issue-3, 2014-	IRD	INTERNATIONAL	ACCEPTED and PUBLISHED	V.L BHANAVASE-

ICST-2K14-ME-224	Design and Development of Cone Ring Traction Drive for Steepless Speed Control	2014	ICST-2K14-ME-224	International Conference of Science and Technology	Accepted and Published	V.L BHANAVASE
ICST-2K14-ME-222	Design Development and Optimization of Dual Mass Flywheel	2012	ICST-2K14-ME-222	International Conference	Accepted and Published	V.L BHANAVASE
2013IJRSD	Design and Analysis of Drive shaft in automotive using composite material	2013	2013IJRSD	Conference-International level	Accepted and Published	V.L BHANAVASE

## Research Projects

Project name	Description	Status	Budget	Project type
Experimental Investigation And Enhancement of heat Transfer Using Passive Technique	An experimental investigation and Computational Fluid Dynamics analysis for validation of model has been taken up for the first time to study the effect of full length twisted tape inserts on laminar flow heat transfer in a horizontal tube under uniform heat flux conditions.	Completed	75000	Sponsored Projects
Enhancement of Heat transfer in circular tube using twisted tapes	It is passive technique of heat transfer	Completed	75000	Sponsored Projects

## Membership Details

Membership Body	Details	Duration	Level
SAE Society of Automotive Engineers	SAE	Apr 13, 2009 To Lifetime	National
The Indian Society for Technical Education	Life Member	Jan 15, 2010 To Lifetime	National

## Post Held

Organization Name	Post	Organization Category	Appointment Status	Duration
Bhima Shakari Sakahar Karkhana Ltd. Takali Sikandar Dist: Soalpur	Assistant Engineer	Public Limited Company	Full Time	Jun 21,1998 To Jul 22,2002
Sinhgad College of Engineering Vadgaon(BK.), Pune	Technical Assistant	STES	Full Time	Aug 01,2002 To Jul 06,2007
SMT. KASHIBAI NAVALE COLLEGE OF ENGG	ASSISTANT PROFESSOR	EDUCATIONAL INSTITUTE	Full Time	AUGUST 2007 TILL DATE

## Declaration

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I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Prof. Vishavjit L. Bhanavase