



Mr. Vaibhav Harishchandra Bansode (MTech-Thermal)

Assistant Professor

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Academic Qualification

Degree	University Name	Year of Passing	Percentage	Grade	Qualification Status
M. Tech-Mechanical (Heat Power)	Walchand College of Engineering, Sangli, Maharashtra (An Autonomous Institute)	July 2010	CGPA: 8.17	Distinction	Completed
B.E. Mechanical.	Shivaji University, Kolhapur, Maharashtra	May 2008	70.40%	Distinction	Completed
H.S.C.	Pune Board , Maharashtra	Feb. 2004	67.33 %	First class	Completed
S.S.C.	Pune Board , Maharashtra	Mar. 2002	71.33 %	First class	Completed

Experience

STES's Smt. Kashibai Navale College of Engineering, Pune-41, Maharashtra

(Affiliated to Savitribai Phule Pune University, Pune)

Institute appointment letter Ref. No. STES/2010-11/3008 dated 13.07.2010. From 20th July 2010

Institute confirmation order letter Ref. No. STES/2010-11/3486 dated 02.08.2010 to till date as Assistant Professor- Full Time

Pune University approval letter Ref. No. CCO/986 dated 14.12.2010 & Sr. No. 02 w.e.f. 02.08.2010

Subject Taught: Fluid Mechanics, Computational Fluid Dynamics, Thermodynamics, I.C.Engine, Heat Transfer.

Walchand College of Engineering, Sangli, Maharashtra (An Autonomous Institute)

Institute order letter Ref. No. O.O/CHB/Deg./2009/2142 dated 24.08.2009

From 24th Aug. 2009 to 10th July, 2010 as Lecturer -CHB (Department of Mechanical Engineering)

Subject Taught : Thermodynamics, Internal Combustion Engine.

Skills Up-gradation

Skills	Certification Name	Domain	Certification Date
Teaching Learning Pedagogies	FDP	Teaching Skills	07th to 12th September, 2020
Awareness Webinar on Outcome Based Education and Accreditation	Online Workshop	Teaching Skills	27th November 2020

Training Details

Title	Arrange By	Venue	Date	Level	Category	Type
Teachers Advancement Program Level 1 & 2	WREN & PECKER, Sinhgad Technical Education Society	SKNCOE Pune	05.12.2013 to 07.12.2013	Institute	Quality Improvement Programs	Internal
Train The Trainer	Sinhgad Technical Education Society	SCoE Pune	05.12.2013 to 07.12.2013	Institute	Quality Improvement Programs	Internal
Student Training Program III	Sinhgad Technical Education Society	RMDSSoE Pune	16.06.2017 to 16.06.2017	Institute	Quality Improvement Programs	Internal
Automotive Emission and Control Technologies	Sinhgad College of Engineering, Pune	SCoE Pune	08.10.2012 To 12.10.2012	Intra-Institutional	TEQIP-II Sponsored One week FDP	External
I.C. Engine-Theory and Practice	Vishwakarma Institutes of Information Technology, Pune	VIIT Pune	05.12.2016 To 10.12.2016	Intra-Institutional	ISTE Approved , BCUD SPPU Sponsored One week FDP	External
Computational Fluid Dynamics for Beginners	College of Engineering, Pune	COEP	06.06.2016 to 10.06.2016	Intra-Institutional	CoE SRES-TEQIP-II Sponsored One week FDP	External
Best Practices for "Outcome Based Education	Smt. Kashibai Navale College of Engineering	SKNCOE Pune	19.12.2019 To 24.12.2019	Intra-Institutional	AICTE- ISTE Approved One week STTP	Internal
Emerging Trends in Refrigeration and Air-Conditioning	PCCOER, Pune	PCCOER Pune	01.06.2020 to 06.06. 2020	Intra-Institutional	- Institutes of Engineers & ISHRAE One week STTP	External
Cyber Security & Block chain: Awareness, Use Cases And Challenges.	College of Engineering, Pune	COEP	04.01.2021 To 08.01. 2021	Intra-Institutional	ISEA One week STTP	External
Scope of IOT and Its applications in Automotive and Agricultural Industry (Phase-III).	Government College of Engineering and Research, Awasari	GCoER Awasari	03.05.2021 to 08.05.2021	Intra-Institutional	ISTE One week STTP	External
Mathematical Modelling (Phase III).	Indira College of Engineering and Management, Pune	ICoERMP Pune	15.04.2021 to 21.04. 2021	Intra-Institutional	AICTE- ISTE One week STTP	External
Fuel powered, Hybrid Electric and Modern Vehicles	VNRVJIET, Hyderabad	VNRVJIET Hyderabad	19-24 July 2021	Intra-Institutional	AICTE- ISTE One week STTP	External

Open Source Field Operation and Manipulation (OpenFOAM)	BDCoE, Sevagram, Wardha	BDCoE, Sevagram, Wardha	07.06.2021 to 11.06. 2021	Intra-Institutional	PMMMNT T One week STTP	External
Innovative Teaching Learning Practices & Research.	KBPCoE, Satara, Maharashtra	KBPCoE, Satara	23.04.2021 to 29.04.2021	Intra-Institutional	ISTE One week STTP	External
ADVANCES IN HVAC & R TECHNOLOGY	Dr. D. Y. Patil Institute o Technology, Pune	Dr. DYPIOT, Pune-18	15.04.2021 to 19.04. 2021	Intra-Institutional	ISHRAE One week STTP	External
Scope of IOT and Its applications in Automotive and Agricultural Industry (Phase-II)	Government College of Engineering and Research, Awasari	GCoER Awasari	22.03.2021 to 27.03.2021	Intra-Institutional	ISTE One week STTP	External
Recent Advances in Industrial Robotics & Applications	SRES's Shree Ramchandra College of Engineering, Pune	SRES's SRCoE, Pune	08.03.2021 to 13.03.2021	Intra-Institutional	ISTE One week STTP	External
Teaching Learning Pedagogies	A. G. Patil Polytechnic Institute, Solapur	A. G. Patil Polytechnic Institute, Solapur	07.09.2021 to 12.09.2021	Intra-Institutional	AICTE One week STTP	External
Cyber Security and Data Sciences	SKNCoE & Shivaji University Kolhapur	SKNCoE Pune	10.06.2019 to 16.06.2019	Intra-Institutional	MHRD Approved One week FDP	External
Laws of Thermodynamics	Indian Institute of Technology Kharagpur	IIT Kharagpur	July-August , 2017	Intra-Institutional	MHRD Approved (NPTEL Course)	External
Fluid Flow Behaviour Using Computational Methods	VJTI, Mumbai	VJTI, Mumbai	28.12.2015 to 01.01.2016	Intra-Institutional	AICTE Approved , TEQIP Sponsored One week FDP	External
Computational Fluid Dynamics	VJTI, Mumbai	VJTI, Mumbai	29.12.2008 to 02.01.2009	Intra-Institutional	TEQIP Sponsored One week FDP	External
Simulation Software Tools for Researchers with Impactful Writing Research Publications	STES's Sinhgad College of Engineering, Pune	SCoE, Pune	02.08. 2021 to 13.08.2021	Intra-Institutional	AICTE-ISTE Approved Two week STTP	External
Recent Developments in Materials and Manufacturing Processes	Smt. Kashibai Navale College of Engineering, Pune	SKNCoE, Pune	22.02.2021 to 05.03 2021	Intra-Institutional	AICTE-ISTE Approved Two week STTP	External
Engineering Thermodynamics	Indian Institute of Technology Bombay	IIT, Bombay	11.12.2012 to 21.12.2012	Intra-Institutional	ISTE –MHRD Approved Two week Workshop	External
Computational Fluid Dynamics	Indian Institute of Technology Bombay	IIT, Bombay	12.06.2012 to 22.06.2012	Intra-Institutional	ISTE –MHRD Approved Two week Workshop	External
Heat Transfer	Indian Institute of Technology Bombay	IIT, Bombay	29.11.2011 to 10.12.2011	Intra-Institutional	ISTE –MHRD Approved Two week Workshop	External
Thermodynamics in Mechanical Engineering	Indian Institute of Technology Bombay	IIT, Bombay	14.06.2011 to 24.06. 2011	Intra-Institutional	ISTE –MHRD Approved Two week Workshop	External

Subject Expertise

Subject	No. of Years
Engineering Thermodynamics	10
Fluid Mechanics	06
CFD	05
Applied Thermodynamics	04
Engineering Graphics	02

Conference Details

Name	Venue	Date	Level	Category	Sponsored By
International Conference on Ideas, Impact and Innovation in Mechanical Engineering	SKNCoE Pune	01.06.2017 to 02.06.2017	International	-	ISTE
2 nd International Conference on Ideas, Impact and Innovation in Science and Technology	SKNCoE Pune	19.03.2019 to 19.03.2019	International	-	ISTE

Seminar Attended

Seminar Topic	Conducted by	Venue	Date	Level	Category	Type
Awareness Webinar on Outcome Based Education and Accreditation	NBA, Delhi & DTE, Maharashtra	College of Engineering Pune	27 th November 2020	National	Intra-Institutional Webinar	External
Role of National Education Policy for National Development	Karmayogi Engineering College, Shelve Pandharpur	Karmayogi Engineering College, Shelve Pandharpur	30th March 2021	TEQIP-III National	Intra-Institutional Webinar	External
National Assessment and Accreditation Council (NAAC)	IQAC CELL, SKNCoE, Pune	SKNCoE, Pune	17th May 2020	College	Institutional	Internal

Workshop Attended

Topic	Conducted By	Date	Level	Category	Type
Syllabus Implementation Workshop of B.E. Mechanical (2015 Course)	Anantrao Pawar College of Engineering and Research, Parvati, Pune	29 th January 2019	SPPU	Intra-Institutional	External
Syllabus Implementation Workshop of Turbo Machines (TE Mechanical-2015 Course)	Vishwakarma Institute of Information Technology, Pune	07th June 2017	SPPU	Intra-Institutional	External
Syllabus Implementation Workshop of Computational Fluid Dynamics	Dr. D. Y. Patil Institute of Engineering and technology, Pimpri, Pune-18	21 st December 2015	SPPU	Intra-Institutional	External
Three Days 8th National Level Workshop on “Recent Trends in Heat Exchangers”	Walchand College of Engineering Sangli	1 st to 3 rd Feb 2013	National	Intra-Institutional	External
Three Days National Level Workshop on “Fault Diagnosis and Its Condition Monitoring by Vibration Analysis Using FFT and DWT Techniques”	SKNCOE, Pune in association with University of Pune	21 st to 23 rd October 2013	National	Intra-Institutional	Internal

One Day National Level Seminar on “Entrepreneurship Skills Enhancement”	Sou. Venutai Chavan Polytechnic, Pune	28 th February 2015.	National	Intra-Institutional	External
One Day Workshop on “Syllabus Implementation of Thermodynamics”	Indira College of Engineering and Management, Pune	28 th June 2013.	SPPU	Intra-Institutional	External
One Day Workshop on “Syllabus Implementation of Applied Thermodynamics”	Trinity College of Engineering and Research, Pune	10 th December 2013.	SPPU	Intra-Institutional	External
One Day Workshop on “Syllabus Implementation of Industrial Heat Transfer Equipments”	Indira College of Engineering and Management, Pune	07 th January 2012	SPPU	Intra-Institutional	External
Two Days 5th National Level Workshop on “Recent Trends in Heat Exchangers”	Walchand College of Engineering Sangli	29 th & 30 th January 2010	National	Intra-Institutional	External
Two day workshop on “Computational Fluid Dynamics: Fundamental and Practical Approaches”	Sinhgad Institute of Technology, Nrahe, Pune	14 th – 15 th January, 2011	National	Intra-Institutional	External
Two Days 4th National Level Workshop on “Recent Trends in Heat Exchangers”	Walchand College of Engineering Sangli	30 th & 31 st January 2009	National	Intra-Institutional	External

Research Publications

ISSN/ISBN No	Paper Title	Publish Date	Journal Name	Level	Paper Status	Authors
2278- 621X, Vol. 3 Issue 4	Experimental and CFD analysis of flow through venturimeter to determine the coefficient of discharge	March 2014	IJLTET	International	Accepted and Published	Nikhil Tamhankar, Amar Pandhare, A.S. Joglekar, V.H. Bansode
2321-8169, Volume 5, Issue 6	Trends in Continuously Variable Transmission System: A Literature Review	June 2017	IJRITCC	International	Accepted and Published	Rushikesh Chaure V.H. Bansode
2321-8169, Volume 5, Issue 6	Development of Dual Clutch Transmission System by Considering Various Working Parameters	June 2017	IJRITCC	International	Accepted and Published	Sagar Chaudhari, V.H. Bansode
2319-2240, Vol-4, Issue-3	Pressure drop Analysis of Inlet Pipe with and without reducer using CFD	May-2015	IJME	International	Accepted and Published	V. H. Bansode , Achari Swati, PawarSaurabh, Bhardande Nikita
2394-9333, Vol-3, Issue-4	A review: Effect of Inlet air temperature on gas turbine power output and methods of air cooling	July 2016	IJTRD	International	Accepted and Published	Neeraj Deshpande, V. H. Bansode
2349-5162, Volume 6, Issue 4	Experimental Investigation of the Spark plug voltage on performance of I.C. Engine	April-2019	JETIR	International	Accepted And Published	Mahesh Mane, Ashitosh Patil, Vaibhav Bansode
2321-8169, Volume 5, Issue 6	Fractal Robots and its Applications	June 2017	IJRITCC	International	Accepted And Published	Rashmi Chaudhari, V.H. Bansode
2321-8169, Volume 5, Issue 6	Benchmarking of Open FOAM for CFD applications	June 2017	ICIIME	International	Accepted And Published	Kalash Sarode, Radhika Naik, Shantanu Jagtap, V.H. Bansode
2321-8169, Volume 5, Issue 6	Design & Simulation of Internal Flow of Nozzle	June 2017	ICIIME	International	Accepted And Published	V.H. Bansode
2349-5162, Volume 6, Issue 4	Image Steganography Using Entropy Thresholding Technique	April-2019	JETIR	International	Accepted And Published	Vivek Ugle, Abdulgani Tamboli, Vaibhav Bansode

2349-5162, Volume 6, Issue 4	Automatic Pneumatic Bumper with Braking System	April- 2019	JETIR	International	Accepted And Published	Prof. Vaibhav Bansode
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Research Project

Project name	Description	Status	Budget	Project type
Simulation and Analysis of thermal energy storage system using Phase Change Material	Proposal No. - 11ENG000179 [Academic year: 2012-14]	Completed	60000	B.C.U.D., Savitribai Phule Pune University

Membership Details

Membership Body	Details	Duration	Level
ISTE	LM 112723	Life-Member	National
ISHMT	ISHMT 736	Life-Member	National

Declaration

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

Mr. Vaibhav Harishchandra Bansode