

Resume

Name: Prof. (Dr.) Shete Hanmant Virbhadra

Gender: Male

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Educational Qualification:

Sr. No.	Degree	University	% Marks	Class
1	Ph.D.-Mechanical Engineering	Visvesvaraya Technological University, Belgaum	Awarded in March 2019	Awarded
2	M.E.-Mechanical Design Engineering	Shivaji University, Kolhapur	66	1 st Class
3	B.E. Mechanical Engineering	Shivaji University, Kolhapur	60	1 st Class
4	HSC	Pune Board	86	Distinction
5	SSC	Pune Board	85	Distinction

Professional Experience:

Teaching Experience: 21 Years

Industrial Experience: 01 Year

Sr. No.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar, Kolhapur, Maharashtra	Professor	1/04/2019 To Till date
2	Ashokrao Mane Group of Institutions (NAAC A, NBA), Vathar, Kolhapur, Maharashtra	Associate Professor	25/02/2011 To 31/03/2019
3	Ashokrao Mane Group of Institutions, Vathar, Kolhapur, Maharashtra	Assistant Professor	29/7/2010 To 24/2/2011
4	Tatyasaheb Kore Institute of Engg.& Technology, Warananagar, Kolhapur	Lecturer	19/9/1999 To 28/7/2010
5	Unique Tools & Press Components Pvt. Ltd. Pune	Quality Assurance Engineer	1/9/1998 To 30/6/1999

Subjects Taught:

Sr. No.	Undergraduate	Sr. No.	Post Graduate
1	Engineering Graphics	1	Solid Mechanics
2	Machine Drawing	2	Advances in Design Engineering
3	Fluid Mechanics	3	Advanced Methods in Design Engineering
4	Control Engineering	4	Research Methodology
5	Metallurgy		
6	Manufacturing Processes		
7	Computer Integrated Manufacturing		

- Most of time, appreciation letters were received for better student feedback.

Administrative Experience:

1. Head of Mechanical Engineering Department (UG and PG) at Ashokrao Mane Group of Institutions, Vathar from Sept. 2018 to till date
2. Coordinator of Post Graduation course in Mechanical-Design Engineering from October 2015 to Sept. 2018
3. Head of Mechanical Engineering Department at Ashokrao Mane Group of Institutions, Vathar from July 2010 to Sept. 2015
4. Academic Dean at Ashokrao Mane Group of Institutions, Vathar in academic year 2011-2012
5. Admission In charge of the PG programs for academic year 2018-19
6. Admission In charge of the institute for academic year 2017-18
7. Member of Governing Body of the institute (AMGOI) from 2011 to till date
8. Coordinator of National Level Symposium-Reflex for Academic Year 2014-15 and Academic Year 2016-17
9. Coordinator of Annual Social Function of Academic Year 2011-12, 2015-16 & 2016-17
10. Center Superintendent for NEET 2020

Other Experience:

1. Internal Senior Supervisor for the examinations of Shivaji University, Kolhapur
2. External Senior Supervisor for the examinations of Shivaji University, Kolhapur
3. Paper setter for the examinations of Shivaji University, Kolhapur & DBATU Lonere
4. External examiner for BE Mech. Project at SPPU, Pune

5. External examiner for ME Mech.-Design Engineering Dissertation at SPPU, Pune
6. Coordinator of Memorandum of Understanding Cell of Mechanical Engineering Department from 2015 to 2017
7. Departmental Alumni coordinator from 2002 to 2010

Facilities Established:

1. All laboratories of UG-Mechanical Engineering
2. All laboratories of PG-Design Engineering and Production Engineering

Research Area of Interest:

Machining, High Pressure Coolant Machining,
Mathematical Modeling and Optimization,
Design of Mechanical Systems

Research Paper Publications:

International Journals:

1. H. V. Shete, M. S. Sohani, "Simultaneous optimization of output parameters in HPC drilling using multi response optimization technique with desirability function approach ", World Journal of Engineering, (**Web of Science, Scopus Indexed**), Emerald Publication, Vol-17, Issue-3, 2020, pp 437-444, ISSN:1708-5284, DOI: 10.1108/WJE-12-2018-0425.
2. H. V. Shete, M. S. Sohani, "Effect of Process Parameters on Surface Roughness in HPC Drilling of AISI 1055 steel", Journal of Mechanical Engineering (JMecheE)- Universiti Teknologi MARA, Malaysia (**Scopus Indexed**), Vol-17, Issue-1, 2020, pp 33-48. ISSN: 2550-164X (Online), ISSN: 1823-5514(Print).
3. H. V. Shete, M. S. Sohani, "Machining in high pressure coolant environment – a strategy to improve machining performance: a review", International Journal of Manufacturing Technology and Management (**Scopus Indexed**) - Inderscience Publication, Vol-33, Issue-6, 2019, pp 468-492.
4. H. V. Shete, M. S. Sohani, "Effect of Process Parameters on Hole Diameter Accuracy in High Pressure Through Coolant Peck Drilling Using Taguchi Technique", International Journal of Material Forming and Machining Processes-IGI Global Publication, USA, Vol-5, Issue-1, 2018, pp 12-31. ISSN: 2334-4571(Online), ISSN: 2334-4563 (Print), DOI: 10.4018/IJMFMP.2018010102.

5. Prof. H. V. Shete, Prof. R. A. Pasale, Prof. E. N. Aitawade, "Photo elastic stress analysis & finite element analysis of an internal combustion engine piston" International Journal of Scientific & Engineering Research, (**UGC approved**), Vol-3, Issue-7, July 2012, pp 1-5.
6. Narendra Madhale, Hanmant Shete, Development of high pressure coolant system for machining in small scale industries, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol-10, Issue-1, January 2021, pp. 252-257, ISSN: 2319-8753(Online), ISSN: 2320-6710(Print), DOI:10.15680/IJIRSET.2021.1001043
7. Somanath Koli, Hanmant Shete, "Failure analysis and optimization of rocker arm", International Journal of Engineering Sciences & Research Technology (IJESRT), Vol-9, Issue-5, May 2020, pp 118-126. ISSN: 2277-9655(Online).
8. Mr. Rohit Shashikant Patil, Dr. H. V. Shete, Dr. A. A. Miraje, "Analyse wear behaviour of brake friction lining manufactured from pistachio shell composite", International Journal of Creative Research Thoughts (IJCRT), Vol-8, Issue-5, May 2020, pp 3472-3475. ISSN: 2320-28820(Online).
9. Miss. R. S. Mohite, Prof. H. V. Shete, Prof. R. A. Patil, "Determination of fatigue life of drum brake using experimental and finite element analysis", International Journal of Innovative Studies in Sciences and Engineering Technology, Vol-5, Issue-1, July 2019, pp 1-6. ISSN: 2455-4863(Online).
10. Miss. R. S. Mohite, Prof. H. V. Shete, "Literature review on experimental and finite element analysis of the drum brake", International Research Journal of Engineering and Technology, Vol-5, Issue-11, July 2018, pp 788-791. ISSN: 2395-0056(Online),ISSN:2395-0072(Print).
11. A. B. Kashmire, Prof. H. V. Shete, N. D. Jadhav, "A study of surface roughness in drilling of EN 9 steel using Taguchi approach", International Journal of Engineering and Advanced Technology, (**Scopus Indexed, UGC approved**), Blue Eyes Intelligence Engineering & Science Publication, Vol-6, Issue-6, August 2017, pp 38-42, ISSN:2249-8958.
12. Mr. R. A. Patil, Prof. V. D. Shinde, Prof. H. V. Shete, Prof. S. P. Nevagi, "Effect of high pressure coolant on surface finish in turning operation", International Journal of Innovative Research in Science, Engineering and Technology, Vol-2, Issue-7, July 2013,pp 3182-3189.

Research papers in the process of publication: 05 Nos.

1. Hanmant Virbhadra Shete, Sanket Dattatraya Gite, Optimization of argon gas metal arc welding process with regard to tensile strength for AISI 310 stainless steel using Taguchi technique, International Journal of Engineering Research in Africa (JERA), (Scopus, Web of

Science, UGC approved), Trans Tech Publications Ltd, Scientific Net, Switzerland, **Under review (1st revision completed).**

2. Hanmant Shete, Madhav Sohani, Vasudev Shinde, Sunil Raykar, Effect of process parameters on surface roughness during high pressure coolant drilling of AISI 1055 Steel using response surface method, Proceedings of the Institutions of Mechanical Engineers, Part B: Journal of Engineering Manufacture, **SAGE Publication, Under review (1st revision completed).**

3. Hanmant Shete, Vasudev Shinde, Effect of coolant pressure and peck depth on height and mass of burr at the bottom of hole in HPC drilling, Machining Science and Technology, **Taylor and Francis Publication,**Will be submitted.

4. Hanmant Shete, Vasudev Shinde, Effect and comparative evaluation of process parameters on chip shape and burr profile in high pressure coolant drilling and conventional flood coolant drilling of EN9 steel.Will be submitted to reputed journal.

5. Hanmant Shete, Vasudev Shinde, Comparative evaluation of high pressure coolant drilling and conventional flood coolant drilling processes in the view of coolant pressure and peck depth.Will be submitted to reputed journal.

International conference: 05 Nos.

National conference: 10 Nos.

Book Publication:

1. A book on “Control Engineering” for Third Year Mechanical Engineering course of Shivaji University by Tech-Max Publication, Pune was published from 2013, ISBN 978-93-5224-182-8.
2. A book on “Control Engineering” for Electrical Engineering course of DBATU Lonere by Tech-Knowledge Publication, Pune is under publication process.
3. A book on “Interpersonal Communication Skill & Self Development” for Second Year Mechanical Engineering course of DBATU Lonere by Tech-Knowledge Publication, Pune is under publication process.

Reviewer Role:

1. International Journal of Engineering Research in Africa (JERA)-Trans Tech Publications Ltd, Scientific.Net, Switzerland

Indexed/Recommended: Scopus, Web of Science, UGC CARE Journal List, etc.

2. American Journal of Engineering and Applied Sciences-Science Publications, USA
Indexed/Recommended: Scopus, UGC CARE Journal List, etc.

3. International Journal of Quality Control and Standards in Science and Engineering (IJQCSSE)- IGI Global publishing, USA

Indexed/Recommended: UGC CARE Journal List, etc.

4. Journal of Multidisciplinary Engineering Science and Technology (JMEST), Germany
Indexed/Recommended: UGC CARE Journal List, etc.

Recognition:

1. Post Graduate Teacher by Shivaji University, Maharashtra.

2. Ph.D. Guide from DBATU (State Government Technical University), Lonere, Maharashtra.

Supervision:

B.E. / B. Tech. Projects: 31 numbers

M.E. / M. Tech. Dissertation: 12 numbers

AICTE Sanctioned Programs: 02 numbers

Sr. No.	Name of Scheme	Title of Program	Sanctioned Amount (in Lakh)
1	AICTE AQIS-RIFD/STTP	STTP on “Recent Developments in Foundry and Indian Foundry Industries 2020: Trends and Challenges” (F.No.34-65/28/RIFD/STTP/Policy-1/2018-19,12/12/2019)	3.37
2	AICTE AQIS-RIFD/STTP	STTP on “Optimization Techniques and Awareness on Research”(F.No.34-56/151/RIFD/STTP/Policy-1/2017-18)	3.35

Expert Lectures Delivered as a Resource Person: 04 numbers

Sr. No.	Name of STTP/Workshop/Conference	Institute	Date
1	A Webinar on “Opportunities in Mechanical Engineering Sector”	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	20 June 2020
2	STTP on Optimization Techniques and Awareness on Research (AICTE AQIS Sponsored)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	2 Jan. 2020
3	STTP on Optimization Techniques and Awareness on Research (AICTE AQIS Sponsored)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	31 Dec. 2019
4	FDP on Soft Computing Techniques for Modelling & Optimization in Mechanical Engineering (S.U. Lead College Activity)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	13-15 March 2019

Conference /STTP/FDP/Workshop/Programs Organized: 18 numbers

Sr. No.	Name of STTP/Workshop/Conference	Institute/Organization	Date
1	STTP on Recent Developments in Foundry and Indian Foundry Industries 2020: Trends and Challenges (AICTE AQIS Sponsored)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	*After COVID 19 pandemic
2	A Webinar on “Opportunities in Mechanical Engineering Sector”, 128 participants throughout India	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	20 June 2020
3	STTP on Optimization Techniques and Awareness on Research (AICTE AQIS Sponsored)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	31 Dec. 2019-3 Jan 2020

4	FDP on Soft Computing Techniques for Modeling & Optimization in Mechanical Engineering (S.U. Lead College Activity)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	13-15 March 2019
5	State level Competition- ENGINIOUS	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	9 March 2019
6	Annual Social Function of Academic Year 2016-17	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	23-25 March 2017
7	National Level Symposium-Reflex and Academic Year 2016-17	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	1 Oct 2016
8	Annual Social Function of Academic Year 2015-16	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	21 Feb. 2016
9	State level Competition- ENGINIOUS	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	22 Oct. 2015
10	State level Competition- ENGINIOUS	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	27 Sept 2014
11	Workshop on “ Introduction to 3D Printing”	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	08/10/2014
12	National Level Symposium-Reflex and Academic Year 2014-15	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	6 March 2014
13	Workshop on “Curriculum Development of SE Mechanical Engineering”, under cluster colleges, Shivaji University, Kolhapur	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	31 Dec. 2013
14	Workshop on “Career Challenges and Opportunity for Engineering students”	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	9 March 2013
15	Annual Social Function of Academic Year 2011-12,	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	22-24 March 2012
16	Workshop on Robotics	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	19 Feb. 2012

		& IIT Guwahati,	
17	STTP on “CNC Programming and Machining”	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	19 to 23 Dec. 2011
18	STTP on “3-D Modeling in CATIA”, in association with EDS Technology Pune	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	14 to 18 Nov. 2011

Conference /STTP/FDP/Workshop/Attended/ Participated: 36 numbers

Sr. No.	Name of STTP/Workshop/Conference	Institute	Date	Attended/ Participated
1	A webinar on Tips to avoid your next paper getting rejected	Amrutvaihini College of Engineering, Sangamner	13 June 2020	Attended
2	STTP on “Manufacturing Practices and Industry 4.0” (AICTE & TEQIP-III Sponsored)	Engineering College, Bikaner	8-12 June, 2020	Attended
3	Micromachining Technologies for Future Products (AICTE & TEQIP-III Sponsored)	Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad	11-15 Jan. 2020	Attended
4	Modeling and Numerical Techniques (AICTE & TEQIP-III Sponsored)	Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad	9-13 Dec. 2019	Attended
5	FDP on Soft Computing Techniques for Modeling & Optimization in Mech. Engg. (S.U. Lead College Activity)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	13-15 March 2019	Attended & Participated
6	FDP on Technical computing using MATLAB (ISTE)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	18-22 June 2018	Attended
7	FDP on Renewable Energy Sources: Past, Present and Future(AICTE Sponsored)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	5-17 Feb. 2018	Attended

8	STTP on Recent Trends in Welding and Joining Technology (AICTE & TEQIP-III Sponsored)	Dr. Babasaheb Ambedkar Technological University, Lonere,Raigad	26-30 Nov. 2018	Attended
9	Workshop on Research Methodology (ISTE)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	13-15 June 2017	Attended
10	Workshop on Research Methodology and Patent Filing(S.U. Lead College Activity)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	7 th Jan 2017	Attended
11	Open FOAM Symposium 2016	FOSSEE & IIT, Bombay	27 th Feb. 2016	Attended
12	FDP on Altair-Hyper Works V13.0	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur & Teccam Infosolutions LTD, Pune	14-15 Dec. 2015	Attended
13	STTP on Advanced Trends in PLC-Automation (ISTE sponsored)	Sharad Institute of Technology,Ichalkaranji	30 Nov.- 4 Dec. 2015	Attended
14	FDP on Accreditation by NBA-June 2015 Format (S.U. Lead College Activity)	Ashokrao Mane Group of Institutions,Vathar tarf Vadgaon,Kolhapur	8 th Nov. 2015	Attended
15	FDP on CAM (Delcam),Fluid Power(Automation Studio),CIM/FMS(OpenCIM &Witness),Robot Simulation	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur & IndiaSoft Technologies Pvt. Ltd., Pune	11 th Sept. 2015	Attended
16	Workshop on Teaching Methodology in Design related and Interdisciplinary Subjects of T.E. Mechanical Part I and	Dr. J. J. Magdum College of Engineering, Jaysingpur	14 th August 2015	Attended & Participated

	II revised syllabus of Shivaji University			
17	Workshop on Teaching Methodology of T.E. Mechanical Engineering of Shivaji University	DKTE'S Textile & Engineering Institute, Ichalkaranji	31 st July 2015	Attended & Participated
18	Workshop on Overall Personality Development (Lead College Activity of Shivaji University)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	18 th Feb. 2018	Attended
19	Workshop on Research Tools & Technical Paper Writing by using LATEX (Lead College Activity of Shivaji University)	Karmaveer Bhurao Patil College of Engineering, Satara	14-15 Feb. 2015	Attended
20	STTP on Mechanics of Fibrous Composites (ISTE Sponsored)	Annasaheb Dange College of Engineering & Technology, Ashta	23-27 June 2014	Attended
21	Workshop on Role of Teacher in Knowledge Management & Evaluation Process of NBA Accreditation (Lead College Activity of Shivaji University)	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, Kolhapur	2 Feb. 2014	Attended
22	ISTE National Annual Convention on Empowering Technical Education to Address Sustainability and Global Competitiveness	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar	19-21 Dec. 2013	Attended
23	Workshop on Curriculum Development of B.E. Mechanical Revised Structure of Shivaji University	Dr. J. J. Magdum College of Engineering, Jaysingpur	8 Jan. 2010	Attended & Participated

24	International Conference on Advances in Mechanical and Building Sciences in the 3 rd Millenium, ICAMB 2009	VIT University, Vellore	14-16 Dec. 2009	Attended & Participated
25	National Conference on Recent Trends in Energy	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar	20 April 2009	Attended & Participated
26	Workshop on Syllabus Revision for T.E. Mechanical of Shivaji University	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar	9 Jan. 2009	Attended & Participated
27	International Conference on Emerging Trends in Engineering (Sponsored by University of Pune, American Institute of Chemical Engineers)	Pravara Rural Engineering College, Loni	20-22 Dec. 2008	Attended & Participated
28	Summer school on Recent Developments in Advanced Materials (Sponsored by AICTE-ISTE) & Faculty Awareness Camp on Entrepreneurship (Sponsored by ISTE)	National Institute of Technology Karnataka, Surathkal	16-21 June 2008	Attended
29	Summer school on Faculty Awareness Camp on Entrepreneurship (Sponsored by ISTE-NSTEDB)	National Institute of Technology Karanataka, Surathkal	22-24 June 2008	Attended
30	National Conference on Environmental Engineering and Management	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar	15-16 Feb. 2008	Attended & Participated
31	Workshop on Finite Element Analysis and Advances in CAD/CAE	CAD/CAM GURU, Solutions Pvt. Ltd. Pune	20,21 July 2007	Attended

32	National Conference on Recent Trends in Energy Engineering and Management	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar	2-3 March 2007	Participated- Paper 1
33	National Conference on Recent Trends in Energy Engineering and Management	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar	2-3 March 2007	Participated- Paper 2
34	National Level Technical Paper Presentation Symposium	Sir Veshveshwaraya Memorable Engineering College, Nashik	31 March 2006	Participated
35	STTP on Methods of Vibration Control (Sponsored by ISTE)	College of Engineering, Pandharpur	18-22 Dec. 2006	Attended
36	Workshop on Curriculum Development of S.E. Mechanical Engg. (S.U.)	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar	25 Jan 2003	Attended

Professional Membership: ISTE Life Member, LM 87022

Profile Links:

Orchid- <https://orcid.org/0000-0001-5758-472X>

Scopus/Elsevier-<https://www.mendeley.com/profiles/hanmant-shete2/>

Web of Science: <https://publons.com/researcher/3787559/hanmant-virbhadra-shete/>

Academia.edu-<https://dbatechuni.academia.edu/HanmantShete>

Researchgate-https://www.researchgate.net/profile/Hanmant_Shete

Goggle Scholar-<http://scholar.google.com/citations?user=PWOH6w4AAAAJ&hl=en>

LiveDNA -<https://livedna.org/91.29737>

Linkdin- www.linkedin.com/in/dr-hanmant-shete-869b691b0

Social Contribution:

Active and continuous contribution to the society through registered (Kolhapur/0000009/2019) self own NGO-“Aadi Foundation”, Nave Pargaon, Kolhapur, Maharashtra, India

Personal Details:

Address: Trimurti Colony, A/P: Nave Pargaon

Tal: Hatkanagale, Dist: Kolhapur

Pin: 416113

State: Maharashtra, India

Date of Birth: 1st June 1976

Language Known: Marathi, English, Hindi

Religion: Hindu

Category: Open

Date: 15/08/2020

Prof. (Dr.) H. V. Shete