



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



Department of Production Engineering

Faculty Profile

Mr V Y Sonawane

(Production Engineering)

Assistant Professor

✉ vysonawane@aiissmscoe.com
sonawanevy@gmail.com

☎ (020) 26058587

🔗 https://scholar.google.com/citations?view_op=new_profile&hl=en

🔗 <https://www.linkedin.com/in/vishnu-sonawane>



Research Areas / Areas of Interest

- Fluid Power
- Tribology
- Micromachining
- Metrology and Quality Control

Personal Details

Date of Birth : 01 / 06 / 1968

Domicile: Maharashtra

Gender : Male

Blood Group: AB+ve

Contact Details: Tatva Society Flat No 701 Old Mundhwa Kharadi Road Near
Bollywood Theatre Vadgaonsheri Pune 411014

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.E.	Mechanical – Production	SHIVAJI UNIVERSITY	1 st	April 1998
2	B.E.	Mechanical Engineering	SHIVAJI UNIVERSITY	1 st	July 1992

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	27	06
2	Research	00	00
3	Industry	00	6
4.	Others	--	--
Total		28	00

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Advanced Production Technology	UG	BE (Production) SW	05
2	Metrology & Quality Control	UG	TE (Mechanical)	21
3	Manufacturing Process	UG	SE (Mechanical)	02
4	Metal Forming and Mould Design	UG	TE (Production) SW	01
5	Machine Design	UG	TE (Mechanical)	03
6	Production Technology	UG	TE (Mechanical)	02

7.	Manufacturing automation	UG	SE (Mechanical)	17
8	Metrology and Tool Design	UG	BE (Mechanical) AW	04
9	Metrology & Quality Control	UG	SE (Mechanical) SW	05
10	Manufacturing Process	UG	SE (Production) SW	01
11	Metrology and Tool Design	UG	BE (Production) SW	05

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals					
Conferences	02	02			--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	"Metrology for Micro machined elements"	Prof V Y Sonawane	<ul style="list-style-type: none"> 6-8 February 2012. 	National conference on Advances in Metrology		ARAI Pune

2	“New challenges in Nano-tribology for rubbing elements”	Prof V Y Sonawane	7-9 Dec. 2012.	International conference on Industrial Tribology Theme: Tribology for sustainable Development	Tribology society of India
3	“Optimization of Surface finish in CNC turning operation for 16mncrsh forged steel”	Prof V Y Sonawane	7 th -8 th August 2014.	National conference on NC-SACEM 2014	NC-SACEM 2014, held at DYPatil College of Engineering Akurdi Pune
4	“The Potential to reach the goal of make in India, in global perspective, Entrepreneurial competency development”	Prof V Y Sonawane	• 12-14 January 2017.	International conference on Innovative & Advanced Technologies in Engineering in collaboration with IJER	Atharva College of Engineering Mumbai

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-		More Than 200

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Tribology Society of India	National	Life Member	LMTSI 4108

Indian Society for technical Education	National	Life Member	LM 22566
Indian Institute of Production Engineers	National	Life Member	Fellow WF 0959
Indian Institute of Industrial Engineering	National	Life Member	LM935481
Institute of Engineers (India)	National	Life Member	LM 1415115
Chartered engineer	National	Life Member	M-1415115
Fluid Power Soceity of India	National	Life Member	M-4348

Patents / IPR Filed / Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
	-				

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
	-		

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
-				

Details of Workshop / STTP / FDP / Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency
01					

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
-				

Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	"ANTHAPRERNA CELL " "Entrepreneurship, Incubation and Innovation"	FDP	June 23 - June 29, 2020	Ramanujan College (University of Delhi)	Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT)
2	The Bodhi Tree and SAFE Tools for Effective Online Teaching: A Hands-On	Work shop	21 June 2020	Teaching Learning Centre (ICT) at IIT Bombay	(PMMMNTT)

	Workshop				
3	Development Programme on "Open Source Tools for Research	FDP	June 08 - June 14, 2020	(University of Delhi)	(PMMMNMTT)
4	Accreditation webinar series	webinar series		NITTR BHOPAL	NITTR BHOPAL
5	National Webinar Series Experimental & Computational Tools for Materials Research (ECTMR 2020)	webinar series	June 01 – 08, 2020	Indian Institute of Information Technology, Jabalpur,	AICTE
6	"Environment and Sustainability [OE4BW]"	FDP	1 st May to 31 st May 2020	DYPCOE	Open Education for A Better World UNESCO
7	Six Sigma	FDP	27 th Jan 26 th April 2020	Swayam NPTEL	Swayam NPTEL
8	Quality Design And Control	FDP	27 th Jan 26 th April 2020	Swayam NPTEL	Swayam NPTEL
9	Inspection And Quality Control	FDP	24 th feb to 27 April 2020	Swayam NPTEL	Swayam NPTEL
10	"MANAGING ONLINE CLASSES And CO-CREATING MOOCS:2.0"	FDP	May 18 - June 03, 2020	(University of Delhi)	(PMMMNMTT)
11	Latex	FDP	26 Apr 2020 To 02 May 2020	Spoken Tutorial Project, IIT Bombay P.V.P.I.T. Sangli	ICT, MHRD, Govt., Of India.
12	Python 3.4.3	FDP	26 Apr 2020 To 02 May 2020	Spoken Tutorial Project, IIT Bombay P.V.P.I.T. Sangli	ICT, MHRD, Govt., Of India
13	On "Promoting Quality Culture In Technical Institutions"	FDP	25 th To 29 th May 2020	AISSMSCOEP Internal Quality Assurance Cell Under 'UGC	AICTE

				Paramarsh Scheme'	
14	Online Teaching: A Hands-On Workshop	FDP	1 st May To 30 May 2020	IIT Bombay	Bodhi Tree IIT Bombay
15	Bodhitree And Safe Tools (Private)	FDP	12 June 18 June 2020	IIT Bombay	Bodhi Tree IIT Bombay
16	Effective And Efficient Online Teaching	FDP	12 June 18 June 2020	IIT Bombay	Bodhi Tree IIT Bombay
17	Online Faculty Development On Renewable Energy Sources: A Way Head	FDP	15th May To 21th May 2020	Cummins College Of Engineering For Woman Nagpur	ASM International Chapters And ISHRAE Nagpur Chapter
18	Five Day Webathon On Future Topics In Mechanical Engineering Webinars On "Lean Six Sigma", "Dimensions Of Quality For Manufacturing And Service Sector", "Application Of MCDM Tools", "Lean Manufacturing In Industries	FDP	18 May To 22th May 2020	Department Of Mechanical Engineering, Ramco Institute Of Technology, Rajapalayam-626117	Ramco Institute Of Technology, Rajapalayam-
19	ISO National Webinar	Webinar	210820	Department Of Production Engineering	AISSMS COE PUNE
20	Automation Anywhere	Workshop	19 th July to 21 st July 2019	AISSMSCOE Pune	MOU Mode and centre of Excellence (BOT Lab)
21	Geometric Dimensioning and Tolerances (GD&T)	Workshop	23 rd July 2019	Poona Divisional Productivity Council Pune	PDCC Pune
22	Advances in Mechanical Engineering	International workshop	1 st and 2 nd March 2019	PVGCOET Pune	SPPU
23	knowledge sharing program on Innovative Methods of Teaching	Workshop	25 th July 2017	AISSMSCOE Pune	IBS Pune campus

24	NPTEL Awareness workshop'	Work shop	19 th Jan 2017	DYPCOE Akurdi Pune	IISC and IIT Bombay
25	"Industrial Hydraulics and Pneumatics "	FDP	11 th Nov 2017	PSG COET ,Coimbatore	AICTE
26	Virtual Labs	Work shop	4 th August 2017	PVGCOET Pune -09	ICT, MHRD, Govt., Of India
27	"Materials Tribology: Fundamentals and Recent Advances",	FDP	23-29 March 2017	IIT (BHU), Varanasi	AICTE
28	"Engineering Project Management"	FDP	14-18 November 2016	Indian Institute of Science Bangalor	QIP (Continuing Education Programme)
29	Make in India: Innovative Product Design	FDP	14 th Dec. to 18 th Dec. 2015	IIT Delhi	AICTE
30	Industrial Tribology	Work shop	5-6 th Oct. 2015	AISSMS COE PUNE	TSI Mumbai
31	Advances in Micro manufacturing	FDP	1st -12th June 2015	Department of Mechanical, College of Engineering Pune	AICTE
32	Project Management	STTP	29 th Oct-23 rd Nov 2014	MSME Agra	MSME-(Govt of India)
33	Six Sigma Black Belt	STTP	27 th Sept-19 th Oct 2014	MSME Agra	MSME-(Govt of India)
34	Statistical Analysis & Computing in Engineering & Management, NC-SACEM	Conf erenc e	7 th -8 th August 2014	DYPatil College of Engineering Akurdi Pune	AICTE
35	Empowering Technical education to address sustainability global competitiveness	Cove ntion	Dec 19-21, 2013	Tatyasaheb Kore Institute of Engineering & Technology, Warananagar	ISTE, AICTE
36	Quality Control	FDP	5 th -6 th July, 2013	Vishay Components India Pvt. Ltd., Loni	CII, Pune & Vishay Components India Pvt. Ltd., Loni
37	Recent Trends in TRIBOLOGY on 20 th	Work shop	20 th March 2013	MIT, Pune	Tribology Society of India

	March 2013 held at MIT, Pune				
38	Tribology	STTP	25-29 June, 2012	Indian Oil Institute of Petroleum Management, Gurgaon	Tribology Society of India
39	Advances in the Mfg & Micromaching Techniques	STTP	14 th -18 th November, 2011	Department of Production Engineering VJTI, Mumbai	AICTE
40	Decision Modelling in Facility Planning	STTP	July 4-8, 2011	IIT Kharagpur	AICTE
41	WIPRO MISSION 10X & Dale Carnegie	Workshop	25 th -29 th November 2010	College of Engineering Pune	WIPRO
42	METALLURGICAL ASPECT OF TRIBOLOGY	STTP	30 th Nov, to 4 th December 2009	SVNIT, SURAT	AICTE
43	Advances in the Mathematical Modelling & Simulation	FDP	11 th July -12 th July 2009	AISSMS COE PUNE	AISSMS COE PUNE
44	CNC MACHINE TOOL & AUTOCAD	Workshop	29/11/99 to 04/2/2000	MES ,Cusrow Wadia Institute of Technology pune-1	MES ,Cusrow Wadia Institute of Technology pune-1
45	Advanced METROLOGY AND INSPCTION training	STTP	19/8/1996 to 30/8/1996	Advanced Training Institute Bombay	Govt. of India , Ministry of labour
46	Safety In Metallurgical Industres	STTP	17/6/1996 to 23/6/1996	SGGS COE NANDED	AICTE
47	Summer school Teachers Induction training program	STTP	22/5/1995 to 10/6/1995	D.Y. PATIL COE Pune	AICTE

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
--------	---------------------------

	<ul style="list-style-type: none"> • Worked as a Head of Department, Production Engineering Department • Organised expert lecture, Industrial visits, Industrial Institute Interaction cell, visit to International Exhibition Technical Social Program • Placed students for Sandwich Industrial In-plant Training • Worked as Workshop Superintendent • Chairman stage and seating arrangement for 'Shivanajali' and ET • Worked as Vice-President PESA • Worked as Social Programme Co-ordinator • Laboratory in-charge for MQC Lab, APT Lab • Hackathon Event Manager • Recognition as a Post-Graduate Teacher of Savitribai Phule Pune University in Subject of Mechanical & Production Engineering
--	--

Awards Received

S. No.	Awards

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Mr Vishnu Sonawane
Assistant Professor Production Engineering