



Department of Mechanical Engineering

Faculty Profile

Prof. Milind Sadashiv Swami

ME (Mechanical Engineering)

Assistant Professor



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Research Areas / Areas of Interest

Metallurgy, Product Design & Manufacturing

Personal Details

Date of Birth : 18 / 05/ 1978

Domicile: Maharashtra

Gender : Male

Blood Group: B+ve

Contact Details: K605, Grevillea, Near Destination Centre, Magarpatta City,
Hadapsar, Pune – 411013

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D. (Pursuing)	Mechanical Engineering	Pune	--	-
2	M.E.	Mechanical – Design Engg.	Pune	I st	May 2016
3	B.E.	Production Engineering	SRT Marathwada	Dist	May 2001

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	16	05
2	Research	00	00
3	Industry	6	3
4.	Others	--	--
Total		22	08

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Engineering Materials & Metallurgy	UG	SE (Mechanical)	04
2	Solid Modelling & Drafting	UG	SE (Mechanical SW)	02
3	Engineering Metallurgy	UG	SE (Mechanical)	09
4	Material Science	UG	SE (Mechanical)	09
5	Material Science &	UG	SE (Mechanical SW)	07

	Metallurgy			
6	Production Technology	UG	SE (Mechanical)	03
7.	Manufacturing Engineering	UG	SE (Mechanical SW)	05
8.	Geometric Modelling	UG	SE(Mechanical)	04
9	Engineering Graphics	UG	FE	04
10	Design Thinking	UG	FE	02
11	Surface Engineering	UG	TE (Mechanical)	02

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	00	1	01	01	0
Conferences	00	03		0	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
1	Design Principles & Optimization of Exhaust Reactive Muffler	M S Swami, C S Choudhari	2015		2395-1621	IERJ

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1	CFD Analysis of Auto Rickshaw Exhaust Muffler	M S Swami, C S Choudhari	2015	ICDRM 2015		MIT Pune
2	Rolling Contact	M S Swami,	2023	AEOTIT 2023		NIT Surat

	Bearing Fault Detection System Using Deep Learning					
3	Design of Modified Cold Storage system for Increasing Shelf-life of Tomato	M S Swami. M.S Deshmukh	2023	WECON23		ISSET Research in asso. with Maejo University (Thailand) and Saigon University (Vietnam)
4	Cold storage solutions for sustainable agriculture 4.0: A design outlook for Indian agri-product	M S Swami, M R Dahake	2024	ICTIA24		Department of Mechanical Engineering at (SVPCET) CRC Press

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	38

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
BYST Mentor	National	2031	MI/01/2025/000057
SESI	National	Life	LM/2571/2021

Patents / IPR Filed / Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	M S Swami	Grass Cutting Machine	2024	Granted	422736-001
2	M S Swami	Onion Harvester	2025	Granted	446158-001

Books Published

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

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1.	Unnat Bharat Abhiyan	2020-21	UBA IIT Delhi	INR1.0 Lacs

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

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01	Starup Conclave		Sept 2023	National	IIT B

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	Renewable Energy for Rural Area	CEP	14-16 July 2014	IIT Bombay	IT Bombay
2	Use of ICT in Education for online & blended learning	FDP	2/5/2016 to 10/07/2016	AICTE	MHRD
3	Advances in Tribology	STTP	4-9 November 2019	AISSMS College of Engg, Pune	AICTE
4	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE
5	Boot Camp BUILD	Workshop	23-26 July 2019	NCAIR IIT Bombay	Boeing
6	Recent Advance in Materials and Manufacturing Part-1	STTP	3-8 August 2020	Gayatri Vidya Parishad COE	AICTE
7	FDP on Entrepreneurship Development	FDP	15-27 March 2021	Sandip Foundation	DST
8	Advances in Tribology	STTP	4-9 November 2019	AISSMS College of Engg, Pune	AICTE
9	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE
10	Refresher Course on Teacher and Teaching in Higher Education	FDP	1/12/ 2020 to 31/03 2021	SWAYAM ARPIT	SSPU
11	Innovation & Entrepreneurship - From Basics to Open Innovation	Online Course	1/5/2020 to 31/7/2020	Coursera	Coursera
12	Product Design and Manufacturing	FDP	Jan-April 2020	NPTEL	IIT Kanpur
13	Introduction to Research	FDP	Feb-April 2020	NPTEL	IIT Madras
14	Renewable Energy and Utilization	STPP	26– 30/5/20	Sandip Institute of	Sandip Institute

				Engineering & Management, Nashik.	
15	Postharvest and Processing (Food Technology)	FDP	02/11/2020 to 06/11/2020	National Institute of Food Technology Entrepreneurship and Management.	ATAL
16	Biomass to fuels, Chemicals and value-added products for sustainable energy and environmental future	FDP	20/12/2021 to 24/12/2021	National Institute of Technology Tiruchirappalli.	ATAL
17	CFD	FDP	04/1/2021 to 08/1/2021	L B S College of Engineering, Kasaragod.	ATAL
18	Emerging Technologies in Postharvest Management and Value Addition in Horticultural Commodities	FDP	3/2/2025 to 8/2/2025	National Institute of Food Technology Entrepreneurship and Management	ATAL
19	Engineering Research Education	Online Module	15/9/2024 to 10/2/2025	IUCEE	IUCEE

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	'SHIVDARPAN' college Magazine Incharge 2015-2019
2	College Development Committee (CDC) Elected Member
3	Subject Chairman at SSPU for "Engineering Material And Metallurgy."

Awards Received

S. No.	Awards
1	Member of “ TRIZ TEAM -OUTSTANDING INTRAPRENEURIAL TEAM 2023. ” given by Gobal Intraprenurial Institute.

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

Mr Milind Sadashiv Swami

(Name with Signature)