



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



Department of Mechanical Engineering

Faculty Profile

Prof.(Dr) D Y Dhande

PhD (Mechanical Engineering)

Professor and Dean Academics

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☎ (020) 26058587; Extn: 1804

🔗 <https://scholar.google.co.in/citations?user=8nTGMEgAAAAJ&hl=en>

🔗 https://www.researchgate.net/profile/Dinesh_Dhande?ev=hdr_xprf



Research Areas / Areas of Interest

CFD, Tribology, CFD in bearings, FEM, Bioifuels, Artificial Neural Network in Mechanical Engineering Applications

Personal Details

Date of Birth : 10 / 09 / 1976

Domicile: Maharashtra

Gender : Male

Blood Group: AB+ve

Contact Details: B502, Vardhaman Heights, S.No.66/2, Near Chhatrapati
Chowk, Rahatani, Pune – 411017

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Mechanical Engineering	Pune	Awarded	Jan 2018
2	M.E.	Mechanical – Design Engg.	Pune	I st	May 2004
3	B.E.	Mechanical Engineering	Mumbai	I st	May 1998

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	24	02
2	Research	00	00
3	Industry	1	8
4.	Others	--	--
Total		25	10

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Computer Aided Engineering	UG	TE	07
2	Design of Machine Elements - II	UG	TE (Mechanical)	03
3	Applied Computer Aided Engineering	UG	TE (Mechanical SW)	08

1	Research Methodology	PG	FYME (Mechanical)	06
4	Elective III	PG	SYME (Mechanical)	06
5	Finite Element Analysis	PG	SYME (Mechanical – Design)	03
6	Noise, Vibration Harshness	PG	SY(Mechanical – Automotive)	02
7.	Computer Aided Machine Drawing	UG	SE (Mechanical)	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	--	--	01	26	19
Conferences	03	07	01	03	--

Publication Details (Journals)

SN	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	Experimental Investigation of Strain Rate Sensitivity, Tension–Compression Asymmetry, and Incompressibility Deviation in Talc-Filled Polypropylene (PP TD20)	Patil, R.B., Dhande, D.Y*.	2025	Journal of The Institution of Engineers (India): Series D	Electronic ISSN 2250-2130 Print ISSN 2250-2122	Springer
2.	A Study on Solidification Behavior of a High Pressure Die Cast Aluminum Swing Arm Using Commercial Modeling Software to Predict Porosity Level	Choudhari, N., Dhande, D.Y*.	2025	Journal of The Institution of Engineers (India): Series C, 105, 963–980 (2024)	Print ISSN :2250-0545 Online ISSN:2250-0553	Springer
3.	Study of the Solidification Behavior and Porosity Measurements to Enhance Fatigue Life of HPDC Aluminum Swing Arm Design.	Dhande, D.Y*, Choudhari, N.	2024	J Fail. Anal. and Preven. 24, 2468–2481 (2024). (SCIE Indexed)	Electronic ISSN 1864-1245 Print ISSN 1547-7029	Springer
4.	Establishment of Relationship Between Coagulant and Chlorine Dose Using Artificial Neural Network	D V Wadkar, M P Wagh, R S Karale, P B Nangare,	2024	Iranian Journal of Science and Technology, Transactions of Civil Engineering	Electronic ISSN 2364-1843 Print ISSN 2228-6160	Springer

		D Y Dhande, G C. Chikute, P D. Wadkar		(2024) 48:4687– 4695		
5.	Recent Innovations in Organic Inhibitors for Mild Steel in corrosive solutions: A review	A A Al-Amiery, W B Nik, Mohd Sabri Mohd Ghazali, Emed Yousif, Wan Nor Roslam Wan Isahak, Waleed Khalid Al-Azzawi, Mohammad Fakhratul Ridwan Zulkifli, Walid Daoudi, Izionworu O. Vincent and Dinesh Y. Dhande	2024	Journal of Sustainability Science and Management, 19(5), 146-173 (Web of Science (Zoological Record)/Scopus)	ISSN 1823-8556, 2672-7226	Universiti Malaysia Terengganu, Malaysia
6.	Development of Artificial Neural Network Model to Predict the Performance of R-290 Water Cooler Refrigeration System	Dhande, D.Y*., Choudhari C S.	2024	Journal of The Institution of Engineers (India): Series B	2250-2106	Springer
7.	Experimental investigations on the performance and emissions of compression ignition engine fueled with lower blends of neem-based biodiesel	D Y Dhande and S J Navale	2024	The Archives of Automotive Engineering – Archiwum Motoryzacji, vol.103 (1), , 2024 57	2084-476X	Lukasiewicz Research Network - Automotive Industry Institute
8.	Application of Rule Learner Classifier for Studying Bioethanol Fuelled Spark Ignition Engine out Emissions and Classification	Dhande, D.Y*., Gaikwad D P, Choudhari C S.	Dec. 2023	ASEAN Journal on Science and Technology for Development, , Nov.2023	0217-5460	University of Brunei Darussalam
9.	Development of Artificial Neural Network to predict performance of Spark Ignition Engine fueled with waste pomegranate ethanol blends	Dhande, D.Y*., Gaikwad D P, Choudhari C S. Kiran Dahe	Dec 2023	Information Processing in Agriculture, vol.4 (4), 459-474	ISSN: 2214-3173	Elsevier
10	Enantioselective Application Of Tio2 And Zno Encapsulated Hollow Silica In The Photocatalytic Degradation Of Dimethylarsinic ACID	R. M. Mokhlesur, W. N. Wan Mohd Norsani, M. G. M. Sabri., B. M. Praveen, D. Y. Dhande, I. Nabilah	Sept 2023	RASĀYAN Journal of Chemistry, Vol.16, No.3, 2023	ISSN: 0974-1496 (Print) ISSN: 0976-0083(Online)	Rasayan Journal of Chemistry,
11.	Prediction of Abrasive Wear behavior of the Poly-Tetra-Fluoroethylene material using	Dhande DY* Navale SJ, Gaikwad DP Patil SR	Sept 2023	Jurnal Tribologi, vol.38, pg.141-158	2289-7232	Malayasian Tribology Society

	Adaptive Neuro Fuzzy Interface Systems	Nalawade RD Wadkar DV Nik WB Ghajali MJ				
12.	Piper beetle extract as an eco-friendly corrosion inhibitor for aluminium alloy in hydrochloric acid media	W.B. Wan Nik*, K. Ravindran, A.A. Al- Amiery, V.O. Izionworu, O.S.I. Fayomi, E. Berdimurodov, W. Daoudi, F. Zulkifli1 and D.Y. Dhande	July 2023	International Journal of Corrosion and Scale Inhibition, 2023, 12, no. 3, 948-960	ISSN 2305- 6894	Russian Association of Corrosion Engineers
13.	Prediction of compression ratio of IC Engine selective assembly using adaptive-neuro fuzzy inference system	Dinesh Y Dhande* Shrikant Chaitanya,	April 2023	J. Inst. Eng. India Ser. B 104, 773– 785 (2023). (Scopus Indexed)	2250-2106	Springer
14.	Development of an Active Rope Guide to generate Zero-Degree Drum Angles for true vertical lift hoists" in its current form for publication in the Journal of Failure Analysis and Prevention	Dhande DY Ahluwalia Vinit	April 2023	Journal of Failure Analysis and Prevention (WoS/ Scopus Indexed)	1547-7029	Springer
15.	Ensemble of Decision Trees for Intrusion Detection System	Gaikwad DP*, Dhande DY	Jan 2023	International Journal of Computing and Digital Systems, 13(1): 371–378. (Scopus Indexed)	2210-142X	University of Bahrain
16.	A Numerical Investigation of the Effect of Blade Number on the Performance of an INSEAN E779A Marine Propeller in a Cavitating Flow Using Computational Fluid Dynamics	Nazaruddin Sinaga*, Dinesh Y. Dhande, Bambang Yunianto	Oct 2022	Ocean Engineering (WoS and Scopus Indexed), Vol.261, October 2022, 112063 IF: 4.732	ISSN: 0029- 8018	Elsevier
17.	Video Summarization Using Deep Learning for Cricket Highlights Generation.	Gaikwad, D*., Sarap, S., & Dhande, D. Y.	2022	Journal of Scientific Research, 14(2), 533–544. (UGC Care List)	ISSN: 2070- 0237 eISSN:2070- 0245	Faculty of Sciences, University of Rajshahi
18.	Complex assembly Analysis for Geometric and Dimensional Tolerance to obtain selective assembly from partitioned bins using a multi-objective approach to control clearance variation of IC Engine	Shrikant Chaitanya*, Dinesh Y Dhande, A K Jeevanantham	2022	Journal of The Institution of Engineers (India): Series C (Scopus Indexed)	Print ISSN :2250-0545 Online ISSN:2250- 0553	Springer
19.	Evaluation of Emission Characteristics and Performance of Pomegranate Ethanol Blended S. I. Engine	Dhande, D.Y*., Gaikwad D P,	2022	Journal of The Institution of Engineers (India):	Electronic ISSN 2250-2157 Print ISSN	Springer

	using Artificial Neural Network and Rule Learner Classifier	Choudhari C S.		Series A (2022) (Scopus Indexed)	2250-2149	
20.	Prediction of spark ignition engine performance with bioethanol-gasoline mixes using a multilayer perception model	Dhande, D.Y*, Gaikwad D P, Choudhari C S, Sinaga, N. & Dahe, K.B.	2022	Petroleum Science and Technology LPET (Scopus and Web of Science Indexed)	Print ISSN: 1091-6466 Online ISSN: 1532-2459	Taylor & Francis
21.	Smart Technologies to Mitigate and Manage the Pandemic: Today and Tomorrow.	Choudhari C S*, Dhande D Y	2022	SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, 13(02):82-6. (UGC indexed)	Print ISSN : 2229-7111 Online ISSN : 2454-5767	Institute of Technology, School of Management Sciences, Lucknow
22.	Experimental Investigation of Spark Ignition Engine Performance Fuelled with various Pomegranate Ethanol-Gasoline Mixtures	Dhande, D.Y*, Sinaga, N. & Dahe, K.B.	Dec 2021	Journal of The Institution of Engineers (India): Series C (2021) (Scopus Indexed)	Print ISSN :2250-0545 Online ISSN:2250-0553	Springer
23.	Extraction of bioethanol from waste pomegranate fruits as a potential feedstock and its blending effects on a performance of a single cylinder SI engine	Dhande D.Y., Nighot D.V., Nazaruddin Sinaga, Kiran B. Dahe	2021	Renewable and Sustainable Energy Reviews 149, October 2021, 111349	ISSN : 13640321	Elsevier
24.	Comparative Analysis of Abrasive Wear Using Response Surface Method and Artificial Neural Network	Dhande, D.Y., Phate M R & Sinaga, N.	2021	Journal of The Institution of Engineers (India): Series D, 102, pages 27–37	ISSN: 2250-2130, 2250-2122	Springer
25.	Study on combustion, performance and exhaust emissions of bioethanol-gasoline blended spark ignition engine	Dhande, D.Y., Sinaga, N. & Dahe, K.B.	2021	Heliyon, 7(3), E06380, pg.1-11	ISSN : 2405-8440	Elsevier
26.	The study of performance and emission characteristics of a spark ignition (SI) engine fueled with different blends of pomegranate ethanol	Dhande, D.Y., Sinaga, N. & Dahe, K.B.	2021	International Journal of Energy and Environmental Engineering, 12, pages 295–306	Print ISSN: 2008-9163 Online ISSN : 2251-6832	Springer
27.	Implementation of CFD–FSI Technique Coupled with Response Surface Optimization method for Analysis of Three-Lobe Hydrodynamic Journal Bearing	Dhande D.Y. Pande D.W. Lanjewar G.H.	2019	Journal of The Institution of Engineers (India): Series C, 100, 955–966	Print ISSN :2250-0545 Online ISSN:2250-0553	Springer
28.	Study of aerodynamic drag of sports utility vehicle by experimental and numerical method	Bauskar, M.P., Dhande, D.Y., Vadgeri, S., Patil, S.R.	2019	Materials Today: Proceedings, Volume 16, Part 2, Pages 750-757	ISSN 2214-7853	Elsevier

29.	Numerical analysis of three lobe hydrodynamic journal bearing using CFD–FSI technique based on response surface evaluation	Dhande D.Y. Pande D.W. Lanjewar G.H.	2018	Journal of the Brazilian Society of Mechanical Sciences and Engineering, 40, 393	Print ISSN:1678-5878 Online ISSN:1806-369	Springer
30.	Multiphase flow analysis of hydrodynamic journal bearing using CFD coupled Fluid Structure Interaction considering cavitation	Dhande D.Y. Pande, D.W.	2018	Journal of King Saud University - Engineering Sciences, Volume 30, Issue 4, Pages 345-354	ISSN: 1018-3639	Elsevier
31.	A two-way FSI analysis of multiphase flow in hydrodynamic journal bearing with cavitation	Dhande D.Y. Pande, D.W.	2017	Journal of the Brazilian Society of Mechanical Sciences and Engineering, 39, pages3399–3412	Print ISSN:1678-5878 Online ISSN:1806-369	Springer
32.	Numerical analysis of hydrodynamic journal bearing lubrication using computational fluid dynamics and fluid structure interaction approach	Dhande D.Y. Pande, D.W.	2016	International Journal of Vehicle Structures and Systems, Vol 8, No 4 (2016)	Print ISSN: 0975-3060; Online ISSN: 0975-3540	MAFTREE

Publication Details (Conferences)

S. No	Document Details	Year	Conference Details	Organised by
1.	Effect of steel Insert on porosity level of the aluminium casting structure	2024	3rd international conference on recent advances in Engineering	Poornima College of Engineering, Jaipur
2.	Machine Learning-Based Weather Prediction for Management of Renewable Energy	2023	International Conference on Green Energy 2023	AISSMS College of Engineering & SPPU, Pune
3.	Experimental analysis of Hydrodynamic Journal Bearing	2020	National Conference on Technical advancements for social upliftment (VNC2020-TASU)	Vidyavardhini College of Engineering & Technology, Vasai
4.	Design and development of A multiple control enabled vacuum cleaning and wiping robot	2020	International Conference on Mechanical Engineering for sustainable Development (ICMESD2020)	AISSMS College of Engineering & BCUD, SPPU, Pune
5.	Effect of Free Stream Turbulence on Aerodynamic Performance of Wind Turbine Airfoil NACA 4415	2020	International Conference on Mechanical Engineering For sustainable Development 2020	AISSMS College of Engineering & SPPU, Pune
6.	Blade Number Effects on the Performance of INSEAN E779A Marine Propeller in Cavitating Flow	2020	International Conference on Mechanical Engineering For sustainable Development 2020	AISSMS College of Engineering & SPPU, Pune

7.	Numerical analysis of multiphase flow in hydrodynamic journal bearing using CFD coupled Fluid Structure interaction with cavitation	2017	International Conference on Automatic Control and Dynamic Optimization Techniques, ICACDOT 2016,	International Institute of Information Technology, Pune & IEEE, Pune
8.	CFD analysis of carbon fiber reinforced polytetrafluoroethylene (PTFE) hydrodynamic journal bearing using optimization technique	2017	International Conference on Automatic Control and Dynamic Optimization Techniques, ICACDOT 2016	International Institute of Information Technology, Pune & IEEE, Pune
9.	Experimental and CFD performance analysis of hydrodynamic journal bearing using Jatropa blended Copper-Oxide nanoparticle as lubricant	2017	International Conference on Automatic Control and Dynamic Optimization Techniques, ICACDOT 2016	International Institute of Information Technology, Pune & IEEE, Pune
10	Numerical Analysis of Hydrodynamic Journal Bearing Lubrication using computational Fluid dynamics and Fluid structure approach	2016	International Conference on Mechanical Engineering Design (ICMED 2016)	SSN College of Engineering, Chennai, TN, India
11	Parametric Modelling & FEA analysis of flextural bearing	2015	Recent Advacements in Mechanical Engineering 2016	G H Rasoni College of Engineering & Managment Wagholi, Pune
12	Numerical Analysis of Hydrodynamic Journal Bearing Lubrication using Fluid structure approach	2015	Innovative Trends in Engineering	Institution of Engineers(I), Pune Local Chapter
13	Determination of Abrasive wear of PTFE using pin-on-disk	2009	National Conference on Advances in Mechanical Engineering-2009	Manipal University, Manipal, Karnataka, India

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	04 (Ongoing)	14	> 50

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Tribology Society of India	National	Life	LM5783
Institution of Engineers (I),	National	Associate Member	M-1785435

Solar Energy Society of India	National	Life Member	LM/2557/2021
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Patents / IPR Filed / Granted

S.N	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	Dr D Y Dhande Dr S J Navale	Cantilever Type Single V-slot Rail Laser Engraving Machine	2023	Granted	Date of Grant: 07/02/2023 No.128781
2	Dr D Y Dhande Dr D W Pande	Non-circular bearing with housing arrangement	2022	Granted	Date of Grant : 29/09/2022 No.117141
3	Dr D Y Dhande Dr D W Pande	Three Lobe bearing with Housing	2022	Granted	Date of Grant : 17/10/2022 No.117544

Books Published

S.No	Title	Name of the Publisher	ISBN/ISSN Number
1	Book chapter on “Stacked Classifier for network intrusion detection system”	CRC Press	9781003358596

Consultancy

S.No	Project Title	Name of the Industry	Amount	Status
1	Anit-wear test as per ASTM D5183,ASTM D4172, ASTM D2266 of Lubricants	McGean India Chemicals Pvt. Ltd. (Formerly:Chem-Verse Consultants (I) P.Ltd.)	14800/-	Completed
2.	Anit-wear test as per ASTM D5183,ASTM D4172, ASTM D2266 and Weld load test of Lubricants	McGean India Chemicals Pvt. Ltd. (Formerly:Chem-Verse Consultants (I) P.Ltd.)	59661/-	Completed
3.	Bearing Life Testing	Kone Cranes, Gremany	7.50 Lacs	--
4.	Flow valve design and Shape optimization	Aavishkar Engineers Pvt Ltd Pune	7 Lacs	Completed

Research Grants Received

SN	Program	Duration	Funding Agency	Grant Amount
1.	Research Proposal	2009-11	BCUD, SPPU, Pune	INR1.5 Lacs

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

SN	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01	International Conference on Mechanical Engineering for sustainable Development (ICMESD2020)	Conference	17-18 February 2020	International	SPPU, Pune
02	Industrial Tribology	Workshop	4-5 October 2015	State	TSI
03	MECHPGCON2018	Conference	13-14 June 2018	University	BoS, SPPU Pune

Contribution as Resource Person

SN	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1.	AISSMS College of Engineering	CFD-FSI analysis of Hydrodynamic Journal Bearing	National	08-14 December 2021

Details of Workshop / STTP / FDP / Conferences Attended

SN	Title	Type	Duration	Organizer	Sponsoring Agency
1	Advanced Pedagogy	FDP	06.02.2023 to 17.02.2023	NITTR, Kolkata	--
2	ATAL FDP on "Innovations in Computer Aided Design Simulations"	FDP	12-12-2022 to 17-12-2022 & 19-12-2022 to 23-12-2022	NIT Rourkela	AICTE
3	AICTE ISTE Refresher Program on "Additive Manufacturing in Medical and Emerging Applications	Oriental/Refresher	27.01.2022 to 02.02.2022	Vasavi College of Engineering, Hyderabad	AICTE+ISTE

4	ATAL FDP on "Alternative fuels :Biofuels"	FDP	04-10-2021 to 08-10-2021	P D A College of Engineering Kalaburagi	AICTE
5	FDP on Nanofluidics: Theory, Experimentation, Computation And Applications,	FDP	13-09-2021 to 15-09-2021	Saintgits College of Engineering, Kottayam	APJ AKTU
6	ATAL FDP on " Computational Fluid Dynamics – A Potential Engineering Design Tool”	FPD	26-07-2021 to 30-07-2021	Centurion University of Technology and Management., Odisha	AICTE
7	One week FDP on NAAC Accreditation Process		15/04/2021 – 22/04/2021	RUSA and Modern college of Arts, Commerce and science, Pune	RUSA
8	AICTE sponsored a one week STTP on “Noise and Vibration Control of Industrial Rotary Machines ”	STTP	15/03/21 to 20/03/21	Annaheb Dange College of Engineeing and Technology, Ashta	AICTE
9	One week FDP on NAAC Accreditation Process	FDP	15/04/2021 – 22/04/2021	RUSA and Modern college of Arts, Commerce and science, Pune	RUSA
10	One week FDP course on “AI and Robotics”	FDP	25/04/2021 to 29/04/2021	DYPIT, Pune	--
11	Three day workshop on “Research, Development and Innovation Ethics”	Workshop	17th -19th May 2021	KBGT College of Engineering, Nasik	--
12	FDP on Applications of Finite Element Analysis (FEA) and Computational Fluid dynamics (CFD) using Ansys	FDP	June 13 - June 17, 2020	Govt.Engg. College, Karad	AICTE
13.	AICTE sponsored STTP on “Recent Advances in Tribology and Surface Engineering”	STTP	17/08/2020 to 22/08/2020	Saintgits Kottayam	AICTE
14.	International STTP on Tribology and Sustainability from	STTP	24/08/2020 to 28/08/2020	SRMIT, Tamilnadu	AICTE
15	AICTE sponsored STTP on “ Tribology of Machine Components and Applied Tribology”	STTP	14/09/2020 to 22/09/2020.	Saintgits Kottayam	AICTE
16	AICTE sponsored STTP on “Recent Advances in Tribology and Surface Engineering”,	STTP	12/10/2020 to 17/10/2020.	Saintgits Kottayam	AICTE
17	Tribology in Design and Manufacturing	FDP	23-27 November 2020	IIT, Jammu	ATAL Learning Academy, AICTE
18	Application of FEM and CFD for solving Complex Engineering Problems	FDP	October14-18,2020	LNCT, Bhopal	ATAL Learning Academy, AICTE
19	Nanotribology, Biotribology, Space Technology	Short Term Training Programme (STTP)	12-17 October 2020	SAINTGITS College Of Engineering, Kottayam, Kerala	AICTE

20	Tribology of Machine Components and Applied Tribology	Short Term Training Programme (STTP)	14-19 September 2020	SAINTGITS College Of Engineering, Kottayam, Kerala	AICTE
21	Tribology and Sustainability	International STTP	August, 24-28,2020	SRMIST, Tamilnadu	SRM University
22	Recent Advances In Tribology And Surface Engineering ((STTP1))	Short Term Training Programme (STTP)	August 17-22, 2020	SAINTGITS College Of Engineering, Kottayam, Kerala	AICTE
23	Recent Research Trends in Tribology	Webinar Series	August3-7,2020	GMIT, Guwahati	Assam Science and Technological University (TEQIP III)
24	12th Summer School of Tribology	Training Program	July, 21-25	Tribology Society of India	IOCL, Faridabad and TSI
25	Futuristic Technologies in Mechanical Industries	FDP	June5-9, 2020	DYPIMER, Pune	ISTE and IWS
26	Applications of Finite Element Analysis (FEA) and Computational Dynamics (CFD) using ANSYS	FDP	June 13- 17, 2020	Government College of Engineering, Karad & Rajikiya Engineering College, Azamgarh	AICTE (TEQIP-III)
27	Advances in Tribology	STTP	4-9 November 2019 (One Week)	AISSMS College of Engg, Pune	AICTE
28	Fundamentals of Tribology	QIP STTP	7-11 October 2019	IISc, Bengluru	AICTE
29	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE
30	Advances in Fault Diagnosis of Rotating Machines and Fluid Film Bearings	TE QIP	10-14 June 2013	VJTI, Mumbai	AICTE
31	Gear Tribology	QIP STTP	1-5 April 2008	IIT, Bombay	IIT Bombay

Major Professional Responsibilities Handled

S. N	Role and Responsibilities
1.	Dean Academics from July 2025
2.	Institute NAAC coordinator
3.	Member, IQAC
4.	Institute Academic Research Coordinator (June 2021-May 2025)

5.	Central NBA criteria 5 coordinator
6.	Assistant CAP Director, ME CAP , Nov2019
7.	Member, syllabus detailing core team of Solid Modelling & Drafting, Geometric Dimensioning & Tolerancing, SE-Mech Curriculum (2019 Course)
8.	Chairman, Applied Computer Aided Eninering for May2019 Examinations, TE (Mech.SW)
9.	Chairman, Project Stage I and Seminar III for Nov.2018 and May 2019 of ME(Mechanical –CAD,CAM Automation)
10.	Chairman, Industrial Tribology & Maintenance for Nov.2015 and 2016 Examination of ME (Mechanical-Automotive)
11.	Center incharge for GATE Examinations 2009,10,11,12.
12.	Presiding officer for JEE (Main) and JEE (Advanced) for 2013, 2014 and 2015
13.	PG Co-ordinator (Design Engineering)
14.	Member, R & D Cell
15.	Development of Computer Labs for UG as well as PG
16.	Member, Exam Cell
17.	Member, Academic Audit Committee
18.	Faculty Advisor, SAE Aerodesign

Awards Received

SN	Awards
1.	PhD Guide recongnition for the subject Mechanical and Automobile Engineering by SPPU wide its letter no. BOD/Sci. & Tech./18/158 dated 19/07/2021
2.	PG recognition for ME(Mechanical) by SPPU vide its letter no. BUTR/Engineering/128/211 dated 24/03/2017
3.	Recognition of Excellence by AISSM Society, Pune
4.	Certificate and medal by Jalgaon district Govt.servents Co-OP society, Jalgaon on completion of M.E.
5.	Certificate and medal by Jalgaon district Govt.servents Co-OP society, Jalgaon on completion of PhD.

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

Dr D Y Dhande

(Name with Signature)