



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



Department of Mechanical Engineering

Faculty Profile

Prof.(Dr) D Y Dhande

PhD (Mechanical Engineering)

Professor and Dean (Academics)

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🔗 <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

SN	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Mechanical Engineering	Pune	Awarded	Jan 2018
2	M.E.	Mechanical – Design Engg.	Pune	1 st	May 2004

3	B.E.	Mechanical Engineering	Mumbai	I st	May 1998
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Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	25	8
2	Research	00	00
3	Industry	1	8
4.	Others	--	--
Total		22	7

Subjects / Courses Taught

SN	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Research, Publication & Ethics	PhD	--	03
2	Design of Machine Elements – I and II	UG	TE (Mechanical)	03
3	Computer Aided Engineering	UG	TE (Mechanical SW)	08
4	Research Methodology	PG	FYME (Mechanical)	06
5	Elective III (Tribology)	PG	SYME (Mechanical)	06
6	Finite Element Analysis	PG	SYME (Mechanical – Design)	05
7.	Noise, Vibration Harshness	PG	SY(Mechanical – Automotive)	02
8.	Computer Aided Machine Drawing	UG	SE (Mechanical)	01
9.	Engineering Graphics	UG	FE	06

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	02	47	01	38	02
Conferences	01	07	01	03	--

Publication Details (Journals)

1. Dhande, D. Y., Navale, S. J., & Patil, V. R. (2026). Experimental investigation on banana root-derived bioethanol for spark-ignition engine applications: Performance and emission characteristics. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*. (SCI)
2. Anasune, A., et al., & Dhande, D. Y. (2026). Numerical and experimental analysis of flow–acoustic interaction in a hybrid muffler incorporating half-elliptical baffles. *The European Physical Journal Plus*. (SCIE)
3. Chikute, G. C., et al., & Dhande, D. Y. (2025). Performance evaluation of modified gabion retaining wall. *International Journal of Masonry Research and Innovation*. (ESCI/Scopus)
4. Choudhari, N., & Dhande, D. Y. (2025). A Study on Steel Insert Integration for Porosity Reduction in Aluminium High-Pressure Die Castings. *Journal of The Institution of Engineers (India): Series D*. (Scopus)
5. Choudhari, N., & Dhande, D. Y. (2025). Bimetallic Insert Casting Approach to Minimize Porosity and Improve Reliability of Aluminium Swing Arm. *International Journal of Metalcasting*. (SCIE)
6. Patil, R. B., & Dhande, D. Y. (2025). Experimental Investigation of Strain Rate Sensitivity, Tension–Compression Asymmetry, and Incompressibility Deviation in Talc-Filled Polypropylene. *Journal of The Institution of Engineers (India): Series D*.
7. Choudhari, N., & Dhande, D. Y. (2024). A Study on Solidification Behavior of a High Pressure Die Cast Aluminum Swing Arm Using Commercial Modeling Software to Predict Porosity Level. *Journal of The Institution of Engineers (India): Series C*.
8. Dhande, D. Y., & Choudhari, N. (2024). Study of the Solidification Behavior and Porosity Measurements to Enhance Fatigue Life of HPDC Aluminum Swing Arm Design. *Journal of Failure Analysis and Prevention*.
9. Wadkar, D. V., et al. (2024). Establishment of relationship between Coagulant and Chlorine Dose using Artificial Neural Network. *Iranian Journal of Science and Technology*.
10. Dhande, D. Y., & Choudhari, C. S. (2024). Development of Artificial Neural Network Model to Predict the Performance of R-290 Water Cooler Refrigeration System. *Journal of The Institution of Engineers (India): Series B*.
11. Dhande, D. Y., & Navale, S. J. (2024). Experimental investigations on the performance and emissions of compression ignition engine fueled with lower blends of neem-based biodiesel. *Archives of Automotive Engineering*.
12. Chikute, G. C., et al. and Dhande D. Y. (2024). Performance Evaluation of Modified Gabion Retaining Wall. *International Journal of Masonry Research and Innovation*.

13. Dhande, D. Y., Gaikwad, D. P., & Choudhari, C. S. (2023). Application of Rule Learner Classifier for Studying Bioethanol Fuelled Spark Ignition Engine Emissions and Classification. *ASEAN Journal on Science and Technology for Development*.
14. Dhande, D. Y., et al. (2023). Development of Artificial Neural Network to Predict Performance of Spark Ignition Engine Fuelled with Waste Pomegranate Ethanol Blends. *Information Processing in Agriculture*.
15. Mokhlesur, R. M., et al., & Dhande, D. Y. (2023). Enantioselective Application of TiO₂ and ZnO Encapsulated Hollow Silica in the Photocatalytic Degradation of Dimethylarsinic Acid. *RASĀYAN Journal of Chemistry*.
16. Dhande, D. Y., et al. (2023). Prediction of Abrasive Wear Behaviour of PTFE Using Adaptive Neuro-Fuzzy Inference Systems. *Jurnal Tribologi*.
17. Wan Nik, W. B., et al., & Dhande, D. Y. (2023). Piper betle Extract as an Eco-friendly Corrosion Inhibitor for Aluminium Alloy. *International Journal of Corrosion and Scale Inhibition*.
18. Dhande, D. Y., & Chaitanya, S. (2023). Prediction of Compression Ratio of IC Engine Selective Assembly Using Adaptive Neuro-Fuzzy Inference System. *Journal of The Institution of Engineers (India): Series B*.
19. Dhande, D. Y., & Ahluwalia, V. (2023). Development of an Active Rope Guide to Generate Zero-Degree Drum Angles for True Vertical Lift Hoists. *Journal of Failure Analysis and Prevention*.
20. Gaikwad, D. P., & Dhande, D. Y. (2023). Ensemble of Decision Trees for Intrusion Detection System. *International Journal of Computing and Digital Systems*.
21. Sinaga, N., Dhande, D. Y., & Yunianto, B. (2022). Numerical Investigation of the Effect of Blade Number on the Performance of an INSEAN E779A Marine Propeller. *Ocean Engineering*.
22. Gaikwad, D., Sarap, S., & Dhande, D. Y. (2022). Video Summarization Using Deep Learning for Cricket Highlights Generation. *Journal of Scientific Research*.
23. Chaitanya, S., Dhande, D. Y., & Jeevanantham, A. K. (2022). Complex Assembly Analysis for Geometric and Dimensional Tolerance. *Journal of The Institution of Engineers (India): Series C*.
24. Dhande, D. Y., et al. (2022). Evaluation of Emission Characteristics and Performance of Pomegranate Ethanol Blended SI Engine Using ANN and Rule Learner Classifier. *Journal of The Institution of Engineers (India): Series A*.
25. Dhande, D. Y., et al. (2022). Prediction of Spark Ignition Engine Performance with Bioethanol–Gasoline Mixes Using a Multilayer Perceptron Model. *Petroleum Science and Technology*.
26. Choudhari, C. S., & Dhande, D. Y. (2021). Smart Technologies to Mitigate and Manage the Pandemic: Today and Tomorrow. *SAMRIDDHI*.
27. Dhande, D. Y., et al. (2021). Experimental Investigation of Spark Ignition Engine Performance Fuelled with Various Pomegranate Ethanol–Gasoline Mixtures. *Journal of The Institution of Engineers (India): Series C*.
28. Dhande, D. Y., et al. (2021). Extraction of Bioethanol from Waste Pomegranate Fruits as a Potential Feedstock. *Renewable and Sustainable Energy Reviews*.

29. Dhande, D. Y., et al. (2021). Comparative Analysis of Abrasive Wear Using Response Surface Method and Artificial Neural Network. *Journal of The Institution of Engineers (India): Series D*.
30. Dhande, D. Y., et al. (2021). Study on Combustion, Performance and Exhaust Emissions of Bioethanol–Gasoline Blended SI Engine. *Heliyon*.
31. Dhande, D. Y., et al. (2021). Performance and Emission Characteristics of a Spark Ignition Engine Fuelled with Different Blends of Pomegranate Ethanol. *International Journal of Energy and Environmental Engineering*.
32. Dhande, D. Y., et al. (2019). Implementation of CFD–FSI Technique Coupled with Response Surface Optimization for Three-Lobe Hydrodynamic Journal Bearing. *Journal of The Institution of Engineers (India): Series C*.
33. Bauskar, M. P., Dhande, D. Y., et al. (2019). Study of Aerodynamic Drag of Sports Utility Vehicle by Experimental and Numerical Method. *Materials Today: Proceedings*.
34. Dhande, D. Y., et al. (2018). Numerical Analysis of Three-Lobe Hydrodynamic Journal Bearing Using CFD–FSI Technique. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*.
35. Dhande, D. Y., & Pande, D. W. (2018). Multiphase Flow Analysis of Hydrodynamic Journal Bearing Using CFD Coupled Fluid–Structure Interaction Considering Cavitation. *Journal of King Saud University – Engineering Sciences*.
36. Dhande, D. Y., & Pande, D. W. (2017). A Two-way FSI Analysis of Multiphase Flow in Hydrodynamic Journal Bearing with Cavitation. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*.
37. Dhande, D. Y., & Pande, D. W. (2016). Numerical Analysis of Hydrodynamic Journal Bearing Lubrication Using Computational Fluid Dynamics and Fluid Structure Interaction Approach. *International Journal of Vehicle Structures and Systems*.

Publication Details (Conferences)

1. Propeller Shaft Emergency Braking System. *International Conference on Advances in Mechanical and Aerospace Sciences (ICAMAS 2026)*, National Institute of Technology (NIT), Arunachal Pradesh, India, 10–12 March 2026. *(International)*
2. Topology Optimization of an Aluminium Casting Structure. *4th International Conference on Recent Advances in Engineering*, Poornima College of Engineering, Jaipur, India, 20–21 February 2025. *(International)*
3. Effect of Steel Insert on Porosity Level of the Aluminium Casting Structure. *3rd International Conference on Recent Advances in Engineering*, Poornima College of Engineering, Jaipur, India, 20–21 December 2024. *(International)*
4. Characterization of Polymer in Crash Behaviour. *6th International Conference on Nano-E2*, Kolhapur, India, 21–22 December 2023. *(International)*
5. Machine Learning-Based Weather Prediction for Management of Renewable Energy. *International Conference on Green Energy 2023*, AISSMS College of Engineering & Savitribai Phule Pune University, Pune, India, 16–17 May 2023. *(International)*
6. Experimental Analysis of Hydrodynamic Journal Bearing. *Technical Advancements for Social Upliftments (TASU 2020)*, Vidyavardhini College of Engineering and Technology, Vasai, Mumbai, India, 27 June 2020. *(National)*

7. Design and Development of a Multiple-Control Enabled Vacuum Cleaning and Wiping Robot. *International Conference on Mechanical Engineering for Sustainable Development (ICMESD 2020)*, AISSMS College of Engineering & Savitribai Phule Pune University, Pune, India, 17–18 February 2020. (International)
8. Effect of Free Stream Turbulence on Aerodynamic Performance of Wind Turbine Airfoil NACA 4415. *International Conference on Mechanical Engineering for Sustainable Development (ICMESD 2020)*, Pune, India, 17–18 February 2020. (International)
9. Blade Number Effects on the Performance of INSEAN E779A Marine Propeller in Cavitating Flow. *International Conference on Mechanical Engineering for Sustainable Development (ICMESD 2020)*, Pune, India, 17–18 February 2020. (International)
10. A Review of Computer Application for Selection of Harmonic Gear Drive. *International Conference on Industry 4.0*, Prof. Ram Meghe Institute of Technology & Research, Badnera (Amravati), India, 29 November – 1 December 2019. (International)
11. Numerical Analysis of Multiphase Flow in Hydrodynamic Journal Bearing Using CFD Coupled Fluid–Structure Interaction with Cavitation. *International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT 2016)*, International Institute of Information Technology (IIIT), Pune & IEEE Pune Section, Pune, India, 9–10 September 2017. (International, Web of Science Indexed Proceedings)
12. CFD Analysis of Carbon Fiber Reinforced Polytetrafluoroethylene (PTFE) Hydrodynamic Journal Bearing Using Optimization Technique. *International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT 2016)*, IIIT Pune & IEEE Pune Section, Pune, India, 9–10 September 2017. (International, Web of Science Indexed Proceedings)
13. Experimental and CFD Performance Analysis of Hydrodynamic Journal Bearing Using Jatropa Blended Copper-Oxide Nanoparticle as Lubricant. *International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT 2016)*, IIIT Pune & IEEE Pune Section, Pune, India, 9–10 September 2017. (International, Web of Science Indexed Proceedings)
14. Numerical Analysis of Hydrodynamic Journal Bearing Lubrication Using Computational Fluid Dynamics and Fluid–Structure Interaction Approach. *International Conference on Mechanical Engineering Design (ICMED 2016)*, SSN College of Engineering, Chennai, India, 25–26 April 2016. (International)
15. Parametric Modelling and FEA Analysis of Flexural Bearing. *Recent Advancements in Mechanical Engineering 2016*, G. H. Raisoni College of Engineering & Management, Pune, India, 26–28 February 2016. (International)
16. Numerical Analysis of Hydrodynamic Journal Bearing Lubrication Using Fluid–Structure Interaction Approach. *National Conference on Innovative Trends in Engineering*, Institution of Engineers (India), Pune Local Centre, Pune, India, 10–11 October 2015. (National)
17. Determination of Abrasive Wear of PTFE Using Pin-on-Disk. *National Conference on Advances in Mechanical Engineering 2009*, Manipal University, Manipal, Karnataka, India, 4–5 December 2009. (National)

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
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No. of Student guided	4 (registered)	15	> 50
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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	Life	M-1785435
Solar society of India	National	Life	LM/2557/2021

Patents / IPR Filed / Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	Rahul Baviskar, D Y Dhande et al.	Propellor Shaft emergency braking system	2026	Published	Utility Patent
2	S J Navale, D Y Dhande et al.	Cantilever type single v-slot rail laserengraving machine	2023	Granted (17/02/2023)	Design patent
3	D Y Dhande	Three lobes bearing with housing	2022	Granted (17/10/2022)	Design patent
4	D Y Dhande	Noncircular bearing with housing arrangement	2022	Granted (26/09/2022)	Design patent

Books/Book Chapter Published

S.No	Title	Name of the Publisher	ISBN/ISSN Number
1	Book Chapter on “Stacked classifier for network intrusion detection system”	CRC Press	97811003358596

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.)	28320/-	Completed
2.	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.)	42480/-	Completed
3.	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.)	59661/-	Completed
4.	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.)	29600/-	Completed
5.	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.)	59661/-	Completed
6.	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
7.	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
8.	Bearing Life Testing	Kone Cranes, Gremany	7.50 Lacs	--
9.	Flow valve design and Shape optimization	Aavishkar Engineers Pvt Ltd Pune	7 Lacs	Completed

Research Grants Received

S.No	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	Avishkar 2023: Zonal Level Research Project Competition	Competition	27 October 2023	University	BCUD SPPU, Pune
02	Avishkar 2022: Zonal Level Research Project Competition	Competition	8 December 2022	University	BCUD SPPU, Pune
03	AICTE-ISTE Sponsored one week (Online) Induction /Refresher Programme	FDP	08 -14, December 2021	National	AICTE
04	International Conference on Mechanical Engineering for sustainable Development (ICMESD2020)	Conference	17-18 February 2020	International	SPPU, Pune
05	Industrial Tribology	Workshop	4-5 October 2015	State	TSI
06	MECHPGCON2018	Conference	13-14 June 2018	University	BoS, SPPU Pune

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1.	MES Wadia College of Engineering, Pune	Autonomy Planing, documentation and Execution	--	21/07/2027

2.	AISSMS COE, Pune	Mathematical Modelling and ANN based simulation for performance prediction and optimization of Engineering Systems: A Biofuel Engine Case Study	International	11/03/2026
3.	AISSMS COE, Pune	CFD-FSI Analysis of Hydrodynamic Journal Bearing	National	13/12/2021

Details of Workshop / STTP / FDP / Conferences Attended

Sr. No	Title	Type	Duration	Organizer	Sponsoring Agency
1	ATAL FDP on “Hydrogen Energy Transformation: Sustainable Production, AI/ML Integration, and Policy Alignment”	FDP	08/12/2025 to 13/12/2025.	Shri Ramdeobaba College of Engineering And Management	AICTE
2	Solid Works	FDP	One month	Skill Desire	AICTE
3	Advanced Pedagogy	FDP	06.02.2023 to 17.02.2023	NITTR, Kolkata	--
4	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
5	AICTE ISTE Refresher Program on “Additive Manufacturing in Medical and Imerging	Orien etatio n/Refr esher	27.01.2022 to 02.02.2022	Vasavi College of Engineering, Hydrabad	AICTE+IST E

	Applications				
6	ATAL FDP on "Alternative fuels :Biofuels"	FDP	04-10-2021 to 08-10-2021	P D A College of Engineering Kalaburagi	AICTE
7	FDP on Nanofluidics: Theory, Experimentation, Computation And Applications,	FDP	13-09-2021 to 15-09-2021	Saintgits College of Engineering, Kottayam	APJ AKTU
8	ATAL FDP on " Computational Fluid Dynamics – A Potential Engineering Design Tool”	FDP	26-07-2021 to 30-07-2021	Centurion University of Technology and Management., Odisha	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	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 Engineering and Technology, Ashta	AICTE
11	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
12	One week FDP course on “AI and Robotics”	FDP	25/04/2021 to 29/04/2021	DYPIT, Pune	--
13.	Three day workshop on “Research, Development and Innovation Ethics”	Worksh op	17th -19th May 2021	KBGT College of Engineering, Nasik	--
14.	FDP on Applications of Finite Element Analysis (FEA) and Computational	FDP	June 13 - June 17, 2020	Govt.Engg. College, Karad	AICTE

	Fluid dynamics (CFD) using Ansys				
15	AICTE sponsored STTP on “Recent Advances in Tribology and Surface Engineering”	STTP	17/08/2020 to 22/08/2020	Saintgits Kottayam	AICTE
16	International STTP on Tribology and Sustainability from	STTP	24/08/2020 to 28/08/2020	SRMIT, Tamilnadu	AICTE
17	AICTE sponsored STTP on “Tribology of Machine Components and Applied Tribology”	STTP	14/09/2020 to 22/09/2020.	Saintgits Kottayam	AICTE
18	AICTE sponsored STTP on “Recent Advances in Tribology and Surface Engineering”,	STTP	12/10/2020 to 17/10/2020.	Saintgits Kottayam	AICTE
19	Tribology in Design and Manufacturing	FDP	23-27 November 2020	IIT, Jammu	ATAL Learning Academy, AICTE
20	Application of FEM and CFD for solving Complex Engineering Problems	FDP	October14-18,2020	LNCT, Bhopal	ATAL Learning Academy, AICTE
21	Nanotribology, Biotribology, Space Technology	Short Term Training Programme (STTP)	12-17 October 2020	SAINTGITS College Of Engineering, Kottayam, Kerala	AICTE
22	Tribology of Machine Components and Applied Tribology	Short Term Training Programme (STTP)	14-19 September 2020	SAINTGITS College Of Engineering, Kottayam, Kerala	AICTE
23	Tribology and Sustainability	International STTP	August, 24-28,2020	SRMIST, Tamilnadu	SRM University
24	Recent Advances In Tribology And Surface Engineering ((STTP1))	Short Term Training Programme	August 17-22, 2020	SAINTGITS College Of Engineering, Kottayam, Kerala	AICTE

		mme (STTP)			
25	Recent Research Trends in Tribology	Webinar Series	August 3-7, 2020	GMIT, Guwahati	Assam Science and Technological University (TEQIP III)
26	12th Summer School of Tribology	Training Program	July, 21-25	Tribology Society of India	IOCL, Faridabad and TSI
27	Futuristic Technologies in Mechanical Industries	FDP	June 5-9, 2020	DYPIMER, Pune	ISTE and IWS
28	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)
29	Advances in Tribology	STTP	4-9 November 2019 (One Week)	AISSMS College of Engg, Pune	AICTE
30	Fundamentals of Tribology	QIP STTP	7-11 October 2019	IISc, Bengaluru	AICTE
31	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE
32	Advances in Fault Diagnosis of Rotating Machines and Fluid Film Bearings	TE QIP	10-14 June 2013	VJTI, Mumbai	AICTE
33	Gear Tribology	QIP STTP	1-5 April 2008	IIT, Bombay	IIT Bombay

Major Professional Responsibilities Handled

SN	Role and Responsibilities
1.	Presently working as Dean (Academics)
2.	Member, Examination and Evaluation Cell
3.	BoS Member, Mechanical Engineering, AISSMS COE, Pune

4.	PG Coordinator (Design Engineering)
5.	Member, Equivalence Committee, SPPU, Pune
6.	Chairman, Research Methodology, ME (Mechanical Engineering): May 2019-present, SPPU, Pune
7.	Institute NAAC coordinator
8.	Institute NBA criteria 5 coordinator
9.	Member, Internal Quality Assurance Cell
10.	Assistant CAP Director, ME CAP , Nov2019 – May 2022
11.	Member, syllabus detailing core team of Solid Modelling & Drafting, Geometric Dimensioning & Tolerancing, SE-Mech Curriculum (2019 Course)
12.	Chairman, Applied Computer Aided Eninereng for May2019 Examinations, TE (Mech.SW)
13.	Chairman, Project Stage I and Seminar III for Nov.2018 and May 2019 of ME(Mechanical –CAD,CAM Automation)
14.	Chairman, Industrial Tribology & Maintenance for Nov.2015 and 2016 Examination of ME (Mechanical- Automotive)
15.	Center incharge for GATE Examinations 2009,-2012
16.	Presiding officer for JEE (Main) and JEE (Advanced) for 2013, 2014 and 2015
17.	PG Co-ordinator (Automotive Engineering) :June 2010-2021
18.	Member, R & D Cell
19.	Development of Computer Labs for UG as well as PG
20.	Member, Exam Cell
21.	Member, Academic Audit Committee

Awards Received

S. No.	Award Details
1.	Railway Board Prize (2) by institution of Engineers (India) for the paper titled "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”, published in the journal of The Institution of Engineers (India): Volume 103, Series C, Issue 4, Page 663-688, 2022
2.	PhD Guide recognition for the subject Mechanical and Automobile Engineering by SPPU vide its letter no. BOD/Sci. & Tech./18/158 dated 19/07/2021
3.	PG recognition for ME(Mechanical) by SPPU vide its letter no. BUTR/Engineering/128/211 dated 24/03/2017
4.	Recognition of Excellence by AISSM Society, Pune
5.	Certificate and medal by Jalgaon district Govt.servents Co-OP society, Jalgaon on completion of M.E.
	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