



Department of Mechanical Engineering

Faculty Profile

Dr. Sandeep H Wankhade

PhD (Mechanical/Production Engineering) Associate Professor, Department of Mechanical Engineering Chairman, TRIZ Chapter, TRIZ Association of Asia Coordinator, Mechanical Engineering(Sandwich pattern) Institute Coordinator, R&D Cell Director, Teaching Learning Centre, INTLC <u>shwankhade@aissmscoe.com</u>



2 (020) 26058587

https://scholar.google.co.in/citations?user=HAtiFbgAAAAJ&hl=en

https://www.linkedin.com/groups/10469750/

ResearchAreas/ Areas of Interest

Hybrid EDM, Industry 4.0, TRIZ, New Product Development, Sustainability

Date of Birth :	03 /11/1971	Domicile:	Maharashtra
Gender :	Male	Blood Group:	B+ve
Contact Details:	21, Suvidha Park-2, Near C	ME reargate, Nas	shik road, Bhosari,
	Pune – 411039		

Academic Background

S.	Qualification	Specialization	University	Class/Grade	Year of
N0.	Quanneation	Specialization	University	Class/Glaue	Passing
1.	Ph.D.	Mech/Prod	SRTM		May 2017
		Engineering	Univ,		
			Nanded		
2.	M.E.	Manufacturing	Thapar	First with	May 2001
		Technology	University,	Honors	
			Patiala		
3.	B.E.	Production	Amravati	First	May 1994
		Engineering	Univ,		
			Amravati		

S.	Certification	Specialization	Certifying	Level	Year of
N0.		-	Agency		Passing
1.	Six Sigma	Lean Six	QC	Black Belt	2011
		Sigma	Services		
2.	MATRIZ	Innovation	MATRIZ,	3	2018
			USA		

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	24	03
2	Research	01	00
3	Industry	02	00
	Total	27	03

Subjects/Courses Taught

S.	Subject	UG/	Class	No of times
No.	Gubjeet	PG	(FE/SE/TE/BE/ME)	Subject
NO.		FG	(FE/3E/TE/BE/WE)	-
				Taught
1	Manufacturing Processes	UG	SE (Production Engg)	03
2	Production Metallurgy	UG	TE (Production Engg)	03
3	Mechatronics & Robotics	UG	BE (Production Engg)	03
4	Numerical Techniques &	UG	SE (Production Engg)	02
	Database Management			
5	Engineering Graphics	UG	FE (Production Engg)	01
6	Machine Cutting & Tool	UG	TE (Production Engg)	01
	Design			
7.	Material Management &	UG	BE (Production Engg)	01
	Logistics			
8.	Manufacturing Technology	UG	TE (Production Engg)	05
9.	Industrial and Technology	UG	TE (Electrical Engg)	03
	Management			
10.	Mechatronics	UG	TE (Mechanical Engg)	03
11.	Product Design and	UG	BE (Mechanical Engg)	03
	Development			
12.	Industrial Engineering	UG	BE (Mechanical Engg)	01
13.	Autotronics	PG	SE (Automotive Engg)	01
14.	Robotics (Honours Course)	UG	TE (Mechanical Engg)	02
15.	Computer Integrated	UG	BE (Mechanical Engg)	01
	Manufacturing			

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	01	04 + 01*	00	02	02
Conferences	07	03	02	02	

* Communicated

Publication Details (Journals)

S.	Document				ISBN/	
No	Details	Authors	Year	Source Details	ISSN	Publisher
1.	Evaluation of Success Factors in Professional Business Incubation	Nitin Shekapure Sandeep Wankhade Vipin Gawai Swati Shekapure	2022	Journal of Optoelectronics Laser,volume 41 Issue 8, 2022	ISSN:1005- 0086	Journal of Optoelectronics Laser
2.	Survey Paper on Extraction of 3D image Data for Detecting Chest Diseases	Nitin Shekapure Sandeep Wankhade Vipin Gawai Swati Shekapure Sachin Kallurkar	2022	Journal of Optoelectronics Laser,volume 41 Issue 8, 2022	ISSN:1005- 0086	Journal of Optoelectronics Laser
3.	Enhancing User Experience for Computer Aided Design packages through Artificial Intelligence	Sachin S Kallurkar Prasad R Baviskar Sandeep H Wankhade3	2021	Design Engineering	ISSN: 0011-9342	Design Engineering (Toronto)
4.	Study of the Productivity and Surface Quality of Hybrid EDM	S H Wankhade S B Sharma	2016	Journal of Institution of Engineers (India): Series C, Springer, 97(1), 71-76	2250-0553	Institution of Engineers (India)
5.	Formulations of management policies by over ranking techniques	M P Khond B M Dabade S H Wankhade	2007	Journal of Institution of Engineers – Industrial Engineering Journal	0020-3408	Institution of Engineers (India)

Publication Details (Conferences)

S.	Decument			Conforação	ICDN	Organizad
_	Document	Authors	Year	Conference	ISBN	Organised
No	Details		0000	Details		by
1	Trizustainability	SH	2020	TRIZCON,		The Altshuller
	– TRIZ for	Wankhade		Virtual Conf.,		Institute for TRIZ
	Sustainability			6-7 Oct 2020		Studies
3	Assisted	SH	2017	Advances in	1951-	Atlantis Press
	Electrical	Wankhade		Intelligent	6851	
	Discharge	ВM		Systems Research		
	machining: An	Dabade		ICCASP/ICMMD-		
	innovative	MP		2016		
	hybrid	Khond		2010		
	approach					
4	Performance	SH	2016	6th International	978-	College of Engg,
	parameter	Wankhade		& 27th All India	93-	Pune
	optimization of	ВM		Manufacturing	86256-	
	newly	Dabade		Technology,	27-0	
	developed	ΜΡ		Design and		
	Hybrid	Khond		Research		
	process:			Conference		
	Abrasive			(AIMTDR-2016)		
	Assisted					
	Electrical					
	Discharge					
	machining					
5	A case study	SH	2015	Inspiring		TRIZ Association of
	on Solving a	Wankhade		Innovation		ASIA
	social problem	NS		Excellence-		
	using TRIZ	Phadnis		InnovEx Asia		
				2015		
6	Hybrid	SH	2014	International	978-	IIT Madras -Chennai
	machining of	Wankhade		Colloquium on	93-	
	Electrical	SB		Materials,	80689-	
	Discharge and	Sharma		Manufacturing	18-0	
	Abrasive Jet			and Metrology		
	machining					
7	Expert system	SH	2013	International	2195-	IIT Delhi
	approach for	Wankhade		Conference on	4364	
	implementation			CAD, CAM,		

	planning and	SM		Robotics and	
	financial	Kherde		Autonomous	
	justification of	R D		factories	
	robotic system:	Palhade			
	A case study				
8	Development	SH	2012	International	 Amrutvahini College
	of Material	Wankhade		Conference of	of Engg. Sangamner
	Strategy: A	S K Bidgar		Advances in	
	Case Study	ML		Mechanical	
		Chanpur		Engg,	
9	Productivity	SH	2010	Proceedings of	 MET's Institute of
	Improvement	Wankhade		the National	Engg, Bhujbal
	through			Conference on	Knowledge City,
	Automation of			Recent Trends in	Nashik, India.
	Coolant Filling			Mechanical	
	Unit			Engineering,	
				RTME 2010	
10	Enhancement	SH	2010	National	 KDK College of
	of the	Wankhade		Conference on	Engineering, Nagpur
	Productivity by	SM		"Emerging	
	streamlining	Kherde		Trends in	
	the	R D		Mechanical	
	manufacturing	Palhade		Engineering"	
	Process of			E-Time Nagpur	
	Pears soaps				
11	Critical	SH	2004	National	 KDK College of
	Analysis of	Wankhade		Conference on	Engineering, Nagpur
	Grindability of			"Emerging	
	Titanium Alloy			Trends in	
	(Ti-6al-4v) by			Mechanical	
	Conventional			Engineering"	
	Wheels			E-Time Nagpur	
12	Gandhian	SH	2002	Seventh State	 SSGM
	Thoughts	Wankhade		level ISTE	College of Engg.,
		NW		Convention	Shegaon
		Nemade		(Maharashtra-	
			0000	Goa Section)	
13	Improving the	SH	2000	Extended	 Priyadarshini College
	Productivity by	Wankhade		Proceedings of	of Engg. &
	automatic			Industrial	Architecture, Nagpur,
	feeding			problems in	

mechanism: An	machines and	
experience at	mechanisms	
HLL,	(IPRoMM)	
Khamgaon		

PhD / ME / BE Student Guided for Project

Level	B.E. (UG)
No. of Student guided	75

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/ Annual)	Membership No.
Institute of Engineers (India)	National	Fellow	F-124182-2
Indian Society for Technical Education	National	Life	LM5783
TRIZ Association of Asia	International	Life	2018-001
International Business TRIZ Association	International	Life	

Patents/IPR Filed/Granted

	S.	Investigator	Title	Year	Status	Details
N	lo	Details			(Filed/Grante	
					d)	
	1	Shree Phadnis Nikhil Phadnis Sandeep Wankhade	System for protection of damage from moving vehicles under conditions of restricted height	2016	Filed	201621019584

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1.	Innovative & Inventive Problem Solving (online)	4 weeks	AICTE Quality Improvement Scheme (AQIS)	INR 3.92 Lacs
2.	Optimization of Hybrid Machining Process of Rotary Electro Discharge Machining with Abrasive media	2017-18	BCUD, SPPU, Pune	INR 1.9 Lacs
3.	Evaluation & study of process parameters of Hybridization of AJM and EDM	2008-09	BCUD, SPPU, Pune	INR 1.25 Lacs
4.	Correlation of field life degradation with reliability prediction for Mechatronics devices	2007-08	BCUD, SPPU, Pune	INR 1.0 Lac

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

S. No	Title	Туре	Duration	Level (State/National/ International)	Sponsoring Agency
1.	Innovative & Inventive Problem Solving (IIPS - 2021) (22/06/2021- 17/07/2021)	Short Term Training Program (STTP) in online mode	4 phases (6 days/Pha se)	National (attended by several International participants)	AICTE Quality Improvemen t Scheme (AQIS)
2.	Recent Trends in New Product Development (Mar 08-09, 2018)	Seminar	2 days	State	BCUD, SPPU, Pune
3.	Mechatronics–An Industrial Application Approach (Mar 03-04, 2017)	Seminar	2 days	State	BCUD, SPPU, Pune

4	4.	Zero Defect – Quality	Seminar	2 days	State	BCUD,
		Improvement in				SPPU,
		Industries				Pune
		(Mar 03-04, 2016).				

Contribution as Resource Person

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S. No.	Place/ Organization	Торіс	Level(Natio nal/Int/State /Regional)	Date
1.	AISSMS Polytechnic in association with ISTE Faculty Chapter	Advanced Manufacturing Techniques based on TRIZ and Sustainability.	State	01/03/2023
2.	FE Induction Program, AISSMS COE, Pune	Introduction to TRIZ: Theory of Inventive Problem Solving		22/11/2022 & 23/11/2022
3.	Walchand College of Engineering, Sangli	TRIZ Orientation Session	Regional	17/02/2023
4.	Thiagarajar College of Engineering, Madurai	Introdution to TRIZ	Regional	16/02/2023
5.	Final year Course Product Design and Development organized by TRIZ CHAPTER-GCOERC, Nashik		Regional	12/09/2022
6.	Walchand College of Engineering, Sangli during Industry Meet-22.	Innovation for Research and Start- ups	Regional	13/06/2022
7.	Shri A B Patil School, Sangli	Innovation in Education	Regional	13/06/2022
8.	CII - Young Indians (Yi) on the World Creativity & Innovation Week/Day Campaign	Theory of Inventive Problem Solving	National	16/04/2022
9.	Thiagarajar COE, Madurai	Theory of Inventive Problem Solving	Regional	07/04/2022
10.	Workshop under IIC at AISSMSCOE, Pune	TRIZ based Innovation	Regional	10/03/2021
11.	PEC-STC (online) on Digital Manufacturing, Punjab engg College, Chandigarh	"TRIZ Introduction, application and case study in Digital Manufacturing	National	26/02/2022

				1
12.	Online One Week ISTE Self- Finance STTP/ Refresher Program on "Project Based	TRIZ way of Project Based Learning for sustainability	National	25/02/2022
	Learning" organized by Department of E&TC of AISSMSCOE, Pune in			
	association with BoS (E&TC) of SPPU, Pune			
13.	IIC, G H Raisoni Institute of Engineering and Business Management, Jalgaon.	TRIZ based Session on Problem Solving and Ideation Workshop	Regional	18/02/2022
14.	Dr Enti Ranga Reddy, Industrialist and AISC, Chairman & Council Member MCDB (2021-25)	Introduction to TRIZ	National	09/12/2021
15.	2 Sessions to guide top 100 teams of KPIT Sparkle 2022 competition.	TRIZ for Innovative Products	National	26 & 29/11/2021
16.	TRIZ Association of Asia	Moderated 'TRIZ for X' The International Conference	International	15- 19/11/2021
17.	2 talks on Mentor Session for PPBL batches organized by IUCEE	Introduction to TRIZ (Inventive Problem Solving)	National	7 & 14/10/2021
18.	One week online self- finance AICTE - ISTE approved STTP on "Creative and Innovative Approaches for Teaching and Learning", organised by Dr. Rajendra Gode Institute of Tech. and Research Amravati.	TRIZ way of Creative Pedagogy	National	05/10/2021
19.	Innovation and Creativity at WIT Solapur	TRIZ for Creative	Regional	29/09/2021
20.	IIT Guwahati	TRIZ - Theory of Inventive Problem Solving	Regional	23/09/2021
21.	Global Emerging Innovation Summit, International Innovative Research Network, Melbourne, Australia	Application of TRIZ in Industry 4.0 and Sustainable manufacturing		4/08/2020
22.	D Y Patil College of Engineering, Ambi, Pune	Guidancefor NAAC certification process	Regional	27/02/2019

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23.	KPIT, Sparkle at PCCOE,	Innovative way of Idea	National	23/02/2019
	Akurdi, Pune	generation and Solving		
		problems through TRIZ		
24.	RMIT, Melbourne, Australia	Panel Discussion on	International	05/10/2018
		Innovation in Design		
25.	RMIT, Melbourne, Australia	Keynote address on	International	06/10/2018
		Innovation by TRIZ		
26.	Priyadarshini College of	Systematic	Regional	20-21/04/
	Engineering,	Innovationfor Faculty		2016
	Nagpur,Maharashtra	and "Systematic		
		Innovation and TRIZ:		
		Theory of		
		InventiveProblemSolvin		
		g"forFinalYearStudents		
27.	Short Term Training	TRIZ	National	17/06/2016
	Program of AICTE on			
	"World Class			
	Manufacturing: A strategic			
	Perspective" College of			
	Engg (COEP)Pune			
28.	Half daysession for	TRIZ Awareness	Regional	03/08/2016
	Managers, Vishay		- 3	
	Components India Pvt. Ltd.			
	Loni,Pune.			
29.	Half day session for Tool	Drives and Gear box	Regional	03/03/2012
20.	room staff of Forbes	mechanism	regional	00,00,2012
	Marshall Limited, Kasarwadi			
	Plant, Pune,MS.			

Details of Worshop/STTP/FDP/Conferences Attended

S. N	Title	Туре	Duration	Organizer	Sponsoring Agency
1.	Intellectual Property Rights (IPR) Advance Learning in Research and Innovation	FDP	14 - 18/02/2022.	SRMV Engg College, Tamil Nadu	SRMV Engg College, Tamil Nadu
2.	of the course on 'Product Design and Manufacturing'.	FDP			NPTEL

3.Sustainable Industrial Development through Industry 4.0STTP15/02/2021 to 22/02/2021Chennai Institute of TechnologyAIC4.Internet of Things for Futuristic Smart SystemsFDP17/05/2021 to 21/05/2021BVCOE, PuneBVC5.One week on Problem based learning: Real time case studies and Industrial PracticesFDP9 to 13/02/2021SIT Lonavala, PuneSI Lonav6.Online One Week Symposium on 'Affective management'Symp osiu m08/03/202 to 13/03/2021NBN Sinhgad School of EngineeringIEEE7.NBA Awareness workshop use of Rubric in Students AssessmentFDP19/10/2020 to 23/10/2020NITTTR, Bhopal AISSM AISSM AISSM AISSM AISSM ShopSith Coursera Gour 13/09/2021AISSM AISSM Coursera9.Foundations: Data, Data, EverywhereCert. Cour05/08/2021 to 13/09/2021CourseraGoursera	OE, ne T vala, ne Pune n and sight <i>I</i> SCO une
Industry 4.0Technology4.Internet of Things for Futuristic Smart SystemsFDP17/05/2021 to 21/05/2021BVCOE, PuneBVC Pune5.One week on Problem based learning: Real time case studies and Industrial PracticesFDP9 to 13/02/2021SIT Lonavala, PuneSI Lonav Pune6.Online One Week Symposium on 'Affective management'Symp osiu08/03/202 to 13/03/2021NBN Sinhgad School of EngineeringIEEE7.NBA Awareness workshop use of Rubric in Students AssessmentWork Spondations: Data, Data,FDP19/10/2020 to 23/10/2021NITTTR, Bhopal E, P9.Foundations: Data, Data,Cert.05/08/2021 to 23/10/2021CourseraGod	ne T vala, ne Pune n and sight <i>I</i> SCO une
4.Internet of Things for Futuristic Smart SystemsFDP17/05/2021 to 21/05/2021BVCOE, PuneBVCOE, Pune5.One week on Problem based learning: Real time case studies and Industrial PracticesFDP9 to 13/02/2021SIT Lonavala, PuneSI Lonavala, Pune6.Online One Week Symposium on 'Affective management'Symp osiu m08/03/202 to 13/03/2021NBN Sinhgad School of EngineeringIEEE Section Engineering7.NBA Awareness workshop Use of Rubric in Students AssessmentWork Shop11/05/2021 to 14/05/2021Association of AlSSM E, P8.Design Development and 	ne T vala, ne Pune n and sight <i>I</i> SCO une
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8.Design Development and use of Rubric in Students AssessmentFDP19/10/2020 to 23/10/2020NITTTR, Bhopal 	ISCO
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8.Design Development and use of Rubric in Students AssessmentFDP19/10/2020 to 23/10/2020NITTTR, BhopalAISSN E, P9.Foundations: Data, Data,Cert.05/08/2021 toCourseraGod	
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AssessmentCert.05/08/2021 toCourseraGod9.Foundations: Data, Data, Data, Cert.05/08/2021 toCourseraGod	
9. Foundations: Data, Data, Cert. 05/08/2021 to Coursera God	une
Everywhere Cour 13/09/2021	ogle
se 10. Electric Vehicle Foun 11 - Decibels Labs Deci	hala
Subsystems datio 18/10/2021 Pvt. Ltd., La n Bangalore	aD
cours	
e	
11. Foundation to Electric Certifi 24/10/2021 Decibels Labs Deci	bels
Vehicle subsystems & cate Pvt. Ltd., La	
Technology Cour Bangalore	
se	
12. Software based case FDP 22/11/2021 to AISSMS COE, AISS	SMS
studies for development of 24/11/2021 Pune COE,	Pune
Multidisciplinary Project	
13. 5 Days Online Faculty	
Development Program on	
"Design Thinking:	
Aspirations for	
Innovations" during	
29/11/2021 - 03/12/2021.	
14. CETL's Vision-Mission- FDP 10 – 15 Jun AISSMSCOE, ISTE	
Goals-PEO-PSO-PO-CO:2019Pune	
Framing, Mapping,	
Assessment and	
Attainment	

15.	NBA Accreditation	Work	22-26Apr	AISSMS IOIT.	NITTTR,
		shop	2019		Kolkata
16.	Introduction to Industry 4.0	FDP		IIT Roorkee	NPTEL,
	and IIOT (Online)				MHRD
17.	Organization Wide	Work	29 Nov 2018	GENTRIZ	TRIZ
	Innovation Portfolio	shop			Association
	Analysis				of Asia
18.	Application of TRIZ in	Intern	23 – 26 Nov	TRIZ	TRIZ
	Industries "Innovex2016"	ation	2016	Association of	Association
		al		Asia	of Asia
		confe			
		rence			
19.	Alternative System Design	Work	27 Nov 2016	TRIZ	TRIZ
	 Developing New 	shop		Association of	Association
	Products out of Old Ones			Asia	of Asia
20.	World Class	STTP	13–17	Collegeof	AICTE
	Manufacturing: A strategic		Jun2016	Engineering	
	Perspective			Pune(COEP)	
21.	Micro-Manufacturing	STTP	24 – 28	IIT, Guwahati,	AICTE
			Mar2014	Assam	
22.	Advances in Product	FDP	18 – 22	SCOE, Pune &	AICTE
	Design and Surface		Nov2013	Indian Institute	
	Engineering APDSE-2013			of Metals, Pune	
				Chapter	
23.	Industrial Applications of	works	13Oct 2011	I²IT, Pune	I²IT, Pune
	Statistical Software in	hop			
	quality management and				
	reliability engineering				
24.	MEMS and Mechatronics	STTP	22 Nov –	National	AICTE-ISTE
			04Dec 2004	Institute of	
				Technology,	
				Karnataka	
25.	Design for	STTP	25-30Oct	SSGM College	AICTE-ISTE
	Manufacturability and		2004	of Engineering,	
	Assembly			Shegaon, MS	
26.	Database Management	STTP	31 Mar– 12	College of	AICTE-ISTE
	Systems and its Industrial		Apr 2004	Engg. Badnera,	
	Applications			MS	
27.	Mechatronics	STTP	29 Dec – 2	Vidyawardhini	AICTE-ISTE
			Jan2004	College of	

				Engineering,Tha	
				ne, MS	
28.	Computer application &	STTP	24 Mar– 5	Anuradha	AICTE-ISTE
	modern techniques in		Apr 2003	College of	
	manufacturing processes			Engg, Chikhli	
29.	Mechatronics, Industrial	Pre-	17-18	Priyadarshini	Association
	problems in machines and	confe	Jan2001	College of Engg	of Machines
	mechanisms	rence		and	and
	(IPRoMM2000)	scho		Architecture,	Mechanism
		ol		Nagpur, MS	s (AMM)

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1.	Head, Department of Production Engineering (Sandwich pattern)
2.	Member, College Development Cell
3.	Coordinator, Internal Quality Assurance Cell
	 Coordinating Institute Development Cell
	> Coordinating Certification from various bodies viz. National Board of
	Accreditation, National Assessment & Accreditation Council and ISO
	 Staff Development Programs (for HODs, Teaching and Supporting Staff, Admin. Staff and Class IV employees)
	Policy making and execution for Academic relatedissues
	 Improving Teaching Learning Process (Outcome based education) – ICT, Virtual labs
	 AcademicMonitoring
	 Coordinating Counselling of Faculty members, supporting staff & Students
	 Coordinating Mentoring activities
	 Industry Institute Interaction (Industrial training & visit for Staff & Students,
	MoUs, Expert Lectures, Placements, Faculty Development Programs)
4.	Chief Coordinator, Foreign Collaborations
5.	Coordinator, SandwichTraining, Production Engineering Department
6.	Secretary, AISSMSCOE TRIZ Chapter
7.	Coordinator, Production Engg Department R&D Cell
8.	Member, Academic Development Cell
9.	Member, "Industry Education Partnership Cell (IEPC)" a combined activity of
	Maharashtra Economic Development Council (MEDC) & Maharashtra State
	and Board of Technical Education (MSBTE), Mumbai, Maharashtra.
10.	Faculty Advisor, Indian Society of Technical Education's (ISTE) Students Chapter
11.	Chairman, Cultural activities viz. Variety entertainment & Vigilance committee

Awards Received

S. No.	Awards
1.	Silver medal in Elite Group in the NPTEL course on 'Product Design and Manufacturing', IIT Roorke
2.	Topper & Gold medal in Elite Group in the NPTEL course on 'Industry 4.0 and Industrial Internet of Things' conducted by IIT, Kharagpur, May, 2019
3.	Felicitated for guiding 3 teams during the PBL Project Recognition Ceremony bu IUCEE on 06/01/22.
4.	Felicitated on the occasion of Shahu Jayanti-2017 and conferred a Recognition of Excellence for being awarded the PhD degree at AISSMS College of Engineering, Pune on Jun 26 2017 at the hands of Shri ShriSambhajiraje Chhatrapati, MP, Rajya Sabha (Council of States), upper house of the Parliament of India.
5.	Won Second Prize at the 11 th Maharashtra State Inter-University Research Convention (AVISHKAR 2016) at SRTM University in Teacher's category, Engineering & Technology, Nanded, Maharashtra, during 27-29 Jan 2017.
6.	Felicitated at Foundation day Function (Feb 10, 2017) of Savitribai Phule Pune University and awarded Memento and cash prize of Rs 3000/- for winning Second Prize in Teacher's category, Engineering & Technology in the AVISHKAR 2016 and being instrumental in winning overall trophy to S P Pune University among all Maharashtra State Universities.

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

Dr Sandeep H Wankhade