



**MARATHA VIDYA PRASARAK SAMAJ'S**  
**Karmaveer Adv. Baburao Ganpatrao Thakare**  
**College of Engineering (An Autonomous Institute)**



Permanently Affiliated to Savitribai Phule Pune University Vide Letter No. : CA/1542 & Approved by AICTE New Delhi - Vide Letter No. : 740-89-32 (E) ET/98 AISHE Code - C-41622

**Department: Applied Sciences & Humanities**  
**Staff Achievement 2025-2026**  
**SEM (I & II)**

**Details of National /International Level Paper Published by Staff**

SR. NO.	NAME OF THE FACULTY	TITLE OF PAPER	NATIONAL/ INTERNATIONAL
1	Prof. S. R. Kushare	Analytical Solution Of Fractional Newton's Law of Cooling Using Kushare Transform	International
2	Dr. S. M. Bhati	Transient Mhd Free Convection Flow Over An Inclined Heated Plate: Analyzing Thermo-Diffusion And Diffusion-Thermo Effects In A Porous Medium	International
3	Dr. S. M. Bhati	Numerical Investigation of Mhd Free Convection Flow Past An Infinite Vertical Plate With Chemical Reaction	International
4	Mrs.A.A.Malpure	"Title: Synthesis And Photocatalytic Performance Of Nanocrystalline Nifeo <sub>x</sub> Synthesized Via An Eco-Friendly Sol-Gel Route" Doi: <a href="https://doi.org/10.1007/S11270-026-09206-9">https://doi.org/10.1007/S11270-026-09206-9</a>	International
5	Ms.R.B.Thakare	Recent Advances in The Synthesis And Characterization Of Schiff Base Ligands And their Metal Complexes: A Pathway in Functional Material	International (Published as a Book Chapter)
6	Mr. S. R. Kushare and Dr. S. M. Bhati	A joint paper entitled Research Paper on Kushare Transform for Cutting-Edge Research and Innovation in Conference Proceedings during a two day interdisciplinary National Level Workshop on Cutting Edge Research and Innovation on 16th and 17th March, 2026 organised by Maratha Vidya Prasarak Samaj's KK Wagh Arts, Science & Commerce College, Pimpalgaon, Nashik.	National
7	Mrs. V.P.Ushir	"Studies on Synthesis, characterization and gas sensing properties of pure and platinum, silver, gold	National

		surface passivated ZnO and SnO <sub>2</sub> nanostructures” for Cutting-Edge Research and Innovation in Conference Proceedings during a two day interdisciplinary National Level Workshop on Cutting Edge Research and Innovation on 16th and 17th March, 2026 organized by Maratha Vidya Prasarak Samaj's KK Wagh Arts, Science & Commerce College, Pimpalgaon, Nashik.	
8	Mrs. P.G.Ugale	“Advancements in Cobalt-Doped Metal-Organic Framework for high performance Supercapacitor Applications. A comprehensive literature review” for Cutting-Edge Research and Innovation in Conference Proceedings during a two day interdisciplinary National Level Workshop on Cutting Edge Research and Innovation on 16th and 17th March, 2026 organized by Maratha Vidya Prasarak Samaj's KK Wagh Arts, Science & Commerce College, Pimpalgaon, Nashik.	National

### **Summary Of Workshop / STTP /FDP/Conferences**

SR.NO	NAME OF THE FACULTY	PROGRAM	DATE	DATE	TITLE	PLACE
1	Mr. N.B.Desale	ISTE Approved 1 Week STTP	14/7/2025	18/07/2025	Integration Of AI In Science And Technology	KJ COE Pune
		International FDP 1 Week	4/8/2025	9/8/2025	Next Generation Research Energy Materials.	VEL Tech Institute, Chennai.
2	Mr.S R Kushare	FDP : 12 Week Course	Jul - 2025	Oct - 2025	Mathematical Methods And Its Applications	IIT Roorkee
		National Level Workshop (2 Days)	16/03/ 2026	17/03/2026	Kushare Transform for Cutting-Edge Research And Innovation	SPPU- K.K.Wagh Arts, Science And Commerce College, Pimpalgaon Baswant, Nashik
3	Dr. R. A. Wagh	International FDP 1 Week	4/8/2025	9/8/2025	Next Generation Research Energy Materials.	VEL Tech Institute, Chennai.
		NPTEL FDP : 8 Week Course	July 2025	Sept. 2025	Solar Photovoltaics Fundamentals, Technology And Applications	IIT Roorkee

		Workshop: 2 Days:	8-11-2025	9-11-2025	Startup And Integration Of Bhartiya Knowledge System In Technical Education	Batu Lonere Ans Ssun, New Delhi
4	Ms. N. R. Kakad	NPTEL FDP Jul-Sep 2025 (8 Weeks)	July 2025	Sept. 2025	Research Methodology	IIT, Madras
		One Week Online FDP	1/9/ 2025	5/9/2025	Strategic Pathways To Research & Innovation: Autonomy And Obe, Ipr, And Nirf Advancement	MVP KBT College of Nashik
		Online FDP	8/10/ 2025	12/10/ 2025	Modern Agile Principles For Transforming Educational Practices	Vishwakarma Institute of Technology
		3 Days FDP	1/1/2026	3/1/2026	AI Tools In Education	MVP KBT College Of Nashik
5	Ms.R.B.Thakare	Two Credit Course of Research Ethics SPPU	16/05/2025	18/06/2025	Research Ethics And Publication	Savitribai Phule Pune University
		Oral Presentation At The International Workshop On High Valued Developments In Photocatalysis	10/07/2025	10/07/2025	"Recent Advances In The Synthesis And Characterization Of Schiff Base Ligands And Their Metal Complexes: A Pathway To Functional Materials"	H.V.Desai College Pune In Collaboration With University Of Aveiro Portugal
		FDP:5 Days	01/08/2025	05/08/2025	Strategic Pathways To Research & Innovation	MVP KBT College Of Nashik
		MVP International Conference Paper Presentation	20/01/2026	20/01/2026	Synthesis And Characterization Of Bioactive Metal Complexes Using Newly Synthesized Schiff Base Ligands.	MVP K.T.H.M College Nashik
		Cutting Edge Research & Innovation In Chemical & Biological Sciences National Conference Paper Presentation	14/03/2026	14/03/2026	"Development Of Polymer/Metal Oxide Nanostructures: Structural, Optical, And Gas Sensing Investigations."	K K Atrs, Commerce & Science College Chandwad
6	Ms. A. S. Gore	FDP:5 Days	01/08/2025	05/08/2025	Strategic Pathways To Research & Innovation: Autonomy And OBE, IPR, And NIRF Advancement	MVP KBT College Of Engg., Nashik
		NPTEL FDP : 8 Week Course	July 2025	Sept. 2025	Solar Photovoltaics Fundamentals, Technology And Applications	IIT, Roorkee

7	Ms.V.A.Tamboli	FDP: 5 Days	01/08/2025	05/08/2025	Strategic Pathways To Research & Innovation	MVP KBT College Of Nashik
		NPTEL FDP : 8 Week Course	July 2025	Sept. 2025	Numerical Methods	IIT, Roorkee
8	Ms P.S.Khelukar	FDP:5 Days	01/08/2025	05/08/2025	Strategic Pathways To Research & Innovation: Autonomy And Obe, Ipr, And Nirf Advancement	MVP KBT College Of Engg., Nashik
		NPTEL FDP : 8 Week Course	July 2025	Sept. 2025	Numerical Methods	IIT, Roorkee
9	Mrs.A.A.Malpуре	NPTEL FDP : 8 Week Course	Aug 2025	Nov 2025	Nanotechnology In Chemical Engineering	IIT Roorkee
		FDP- 5 Days	10/12/2025	13/12/2025	Pedagogy 5.0 Innovative Teaching Approaches	MVP KBT College Of Engineering, Nashik
		Two Credit Course Of Research Ethics SPPU	Nov 2025	Dec 2025	Research Ethics In Research Methodology.	SPPU
		IMKE Conference 2026	March 2026	March 2026	International Multidisciplinary Knowledge Exchange Conference	SPPU
10	Ms.J.J.Nerkar	FDP: 5 Days	01/08/2025	05/08/2025	Strategic Pathways To Research & Innovation	MVP KBT College Of Nashik
		NPTEL FDP : 8 Week Course	July 2025	Sept. 2025	Numerical Methods	IIT, Roorkee
		FDP: 7 Days	18/03/2026	24/03/2026	Data Driven Mathematics: Empowering Academicians For The Era of Data Sciences	S.S.K.V. College Of Arts & Science For Women, Mumbai
11	Dr. S. M. Bhati	NPTEL FDP : 8 Week Course	July 2025	Sept. 2025	Matrix Analysis With Applications	IIT, Roorkee
		FDP:5 Days	01/08/2025	05/08/2025	Strategic Pathways to Research & Innovation: Autonomy And OBE, IPR, And NIRF Advancement	MVP KBT College Of Engg. Nashik
12	Ms.S.H.Deore	NPTEL FDP : 8 Week Course	July 2025	Sept. 2025	Numerical Methods	IIT, Roorkee
		FDP -1 Day	06/04/2026	06/04/2026	AI & Digital Transformation Higher Education	AVP College Of Arts And Science ,Tirupur
13	Ms.A.D.Kadam	NPTEL FDP : 8 Week Course	July 2025	Sept. 2025	Numerical Methods	IIT, Roorkee

14	Ms. J. V. Pagar	FDP- 1 Day	4/10/2025	4/10/2025	Mathematics For The Future: AI Data & Technology	College of Arts, Commerce & Science College Nandgaon
15	Mrs. V. P. Ushir	FDP- 5 Days (Offline)	10/12/2025	13/12/2025	Pedagogy 5.0 Innovative Teaching Approaches By MSFDA	MVP's K.B.T. College of Engineering, Nashik.
		State Level Seminar (1 Day)	12/03/2026	12/03/2026	Artificial Intelligence (AI) & Machine Learning (ML)	SPPU - Arts, Science And Commerce College, Nandgaon
		Talk Series On IKS	18/01/2026	22/02/2026	Ancient Indian Physics and Chemistry	IIT Bombay
		National Level Workshop (2 Days)	16/03/2026	17/03/2026	Cutting Edge Research and Innovation	SPPU- K.K.Wagh Arts, Science And Commerce College, Pimpalgaon Baswant, Nashik
16	Mrs.P.G.Ugale	MSFDA FDP- 5 Days	10/12/2025	13/12/2025	Pedagogy 5.0 Innovative Teaching Approaches	MVP K.B.T. College Of Engineering, Nashik. AISSMS College Of Engineering, Pune
		FDP -2 Days	06/03/2026	07/03/2026	Indian Knowledge System (NEP 2020)	
		National Level Workshop (2 Days)	6/03/2026	17/03/2026	Cutting Edge Research And Innovation	SPPU-K.K.Wagh Arts, Science And Commerce College, Pimpalgaon Baswant, Nashik
		State Level Seminar (1 Day)	12/03/2026	12/03/2026	Artificial Intelligence (AI) & Machine Learning (MI)	SPPU- Arts, Science And Commerce College, Nandgaon
		International Conference On Innovations In Materials Science For Sustainable Future (Icms-2026) Certificate ( 3 Days)	3/2/2026	5/2/2026	Presented A Paper Entitled Electrochemical Evaluation Of Mg-Mof-74 As A Porous Electrode For Supercapacitor Applications	Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar
		Two Credit Course Of Research Ethics SPPU	18 Aug 2025	23 Sep 2025	Research Ethics In Research Methodology.	SPPU

17	Dr.N.P.Patil	NPTEL FDP : 4 Week Course	21 June 2025	18 Aug 2025	Body Language : Key to Professional Success	Indian Institute Of Technology Roorkee
		MSFDA: 5 Days	4 March 2026	8 March 2026	Naridrishti: Nurturing Visionary Women Leaders For Transformation Academic	MSFDA, Pune
		International Conference On Gender Equality And Women Empowerment (ICGEWE) 2026	8 <sup>th</sup> March 2026	9 <sup>th</sup> March 2026	Attended And Paper Presentation Entitled “ Psychological Awakening And Women’s Empowerment: A Study Of Janeeyre, That Long Silence And Dynasts”	PVG’s COE, Pune

### Patent and Book Published

SR. NO.	NAME OF THE FACULTY	TOPIC	DATE	APPLICATION NO.
1	Mr.S R Kushare	Portable Mathematics Education And Concept Demonstration Device	23/4/2026	486439-001
2	Mr.S R Kushare	Indian Knowledge System	30/04/2026	ISBN No. 978-93-7880-158-7

### Out side word staff achievement 2025-26

SR. NO	NAME OF THE FACULTY	DESIGNATION	TYPE OF OUTSIDE WORD ACHIEVEMENT	DESCRIPTION OF WORK	DATE
1	Mr. N.B.Desale	Associate Professor	Bos Member in Physics	Loknete Vyankatrao Hiray Arts,Science & Commerce College,Nashik	
			Subject Expert for the post of Assistant Professor (Walk In Interview)	PVG College of Engg. Nashik	12/06/ 2025
			Appointment As Member, Board Of Studies Engineering Science (Course Engineering Mathematics) - A.Y. 2026-27	Pravara Rural Engineering College, Loni	

2	Dr. S. M. Bhati	Associate Professor	Staff Selection Committee	R.H'sapat college of engineering management studies & Research, Nashik (Non-Grantunit)	11/09/2025
3	Dr. S. M. Bhati	Associate Professor	Appointment As Member, Board of Studies Engineering Science (Course Engineering Mathematics) - A.Y. 2026-27	Pravara Rural Engineering College Loni	
			Staff Selection Committee	S R.H' Sapat college of engineering management studies & Research, Nashik (Non-Grantunit)	11/09/2025
4	Dr. N.P.patil	Assistant Professor	English Communication Expert	Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad, Dist. Nashik	6/4/2026 To 7/4/2026
			External Examiner for ESE -May 2026 ESE May 2026 Practical Sem 2 B.Sc ESE May 2026 Practical Sem 4 B.Sc	Department of Forensic Science , Sandip University	8/5/2026 To 9/5/ 2026
5	Mr.S.R.Kushare	Assistant Professor	Invitation For Guest Lecture on The Occasion Of "Mathematics Day"	K. K. Wagh Education Society's K. K. Wagh Arts, Commerce, Science & Computer Science College, Kakasaheb nagar, (Ranwad)	22/12/2025
			Cyber Security Awareness	Shri Mahavir Arts, Commerce & Science College, Nashik	20 /1/ 2026
			Invitation For Guest Lecture on Soft Skills- Time Management	K. K. Wagh Education Society's K. K. Wagh Arts, Commerce, Science & Computer Science College, Kakasaheb nagar, (Ranwad)	13/11/ 2025
			Virtual Keynote Speaker for The International Conference on Applied Mathematics In Scientific Computing	Aspher	9/5/ 2026