

Somaiya Vidyavihar University

Name: Anushri Tambe			E-mail:anushri.t@somaiya.edu		
Contact No: 0226644 - 9564					
Department/Section: Science and Humanities					
College: K J Somaiya College of Engineering					
DOJ 30/09/2022	Somaiya:	Career Experience:18 Yrs	Industry Experience: 0Yrs	Teaching Experience: 18 Yrs	
Present Academic Designation: Assistant Professor			Present Administrative Designation: NA (Principal/Vice-Principal/ Associate Dean/ HOD etc)		

Area of research/specialization and Courses Delivered

Research domain/interests/areas 1. Complex Analysis, Statistics 2. AI, ML, Data Science Courses Delivered 1. Applied Mathematics I, II 2. Engineering Mathematics I,II,III, IV

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : No
Details of Recognitions 1. University of Mumbai 2. Somaiya Vidyavihar University			

Education

Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	-	-	-	-	-
PG	M.Sc.	University of Mumbai	University of Mumbai	2006	64.5
UG	B.Sc.	University of Mumbai	B N Bandodkar College of Science	2004	83
Diploma	-	-	-	-	-
NET/SET/Other	NET				

Notable Experience Details

Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	YTIET	Lecture	28/08/2006	10/07/2015	9
2.	DBIT	Assistant Professor	13/07/2015	09/07/2016	1
3.	APSIT	Assistant Professor	11/07/2016	29/09/2022	6

Research Accomplishments and Projects

No of students pursuing Ph.D as on date: NA		No of students completed Ph.D as on date: NA
No of students completed PG thesis / Project work as on date: NA		No of students / groups completed UG projects as on date: NA
Publications Total: 7	Number of Peer review Journal papers: 7	Number of Conference papers: 1
Details of Publications:		

Somaiya Vidyavihar University

International Journals 1. Comparison of conceptual understanding of Electromagnetism and Physics Expectancies of undergraduate Engineering students. 2. Co-relations between cognitive beliefs and dominance in brain hemisphericity of first year engineering students. 3. Comparison of conceptual understanding of Electromagnetism and Physics Expectancies between the Science students and Engineering students. 4. Measurement of cognitive beliefs and brain hemisphericity dominance amongst different branches of engineering students at entry and exit level. 5. Comparison of development of cognitive beliefs and brain hemisphericity dominance amongst different branches of engineering students of Karjat and New Mumbai District. 6. A review on “high speed complex multiplier using Vedic Mathematics :an effective tool”.		
National Journals NA		
Conferences 1. Review on history of matrices and its applications to cryptography.		
Books/Book Chapters Ganitasange Prawas published by Marathi Vidnyan Parishad.		
Patents/Copy Rights NA		
No of Research / consultancy / projects completed: 1 Rs: <u>15000</u>	No of Research / consultancy / projects on-going: NA Rs:	No of Research / consultancy / projects on applied as on date: Rs: <u>NA</u>
Details of Research / consultancy / projects: Completed 1. Minor Research Project on “Measurement of correlations between conceptual understanding, cognitive beliefs and development in dominance of hemispheres of brain, of undergraduate Engineering students”. On-going NA Applied NA		
IPR/ Copyrights NA		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Attended 1. STTP on MATLAB based Teaching – Learning in Mathematics, Science & Engineering in 2019-20 organised by RAIT, Navi Mumbai. 2. STTP on Recent Trends and Application of Machine Learning and Deep Learning in IT in 2019-20 organised by RAIT, Navi Mumbai 3. One Week STTP on “Faculty Development Program” at YTIET in Nov. 2008. 4. Two Weeks STTP on “Academic Institute and Industry Interaction” at Watumull Ins. of Electronics Engg. and Computer Tech. in July 2008. 5. Two Weeks STTP on “Mathematical Modeling and Numerical Techniques” at Parshvanath College of Engg. in May 2007. 6. ATAL FDP on Statistical Foundations of Data Science & ML organised by ICT in 2021-2022 7. FDP on Data Science(MeitY & IIT Kanpur) in 2021-22 8. FDP on Reseach in Engineering: A way Forward organised by A.P.S.I.T. Thane in 2020-21 9. One month International FDP on Environment and sustainability in 2019-20. 10. FDP on Artificial Intelligence in Classroom Teaching in 2019-20 11. FDP on Data Science and Big Data Analysis prganised by ICT Academy and APSIT in 2019-20
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Somaiya Vidyavihar University

<ol style="list-style-type: none"> 12. FDP on Fuzzy Sets and System in 2019-20 organised by Patrician College of Arts and Science, Chennai. 13. FDPs on Faculty Development Program for students Induction (FDP-SI)” organised by AICTE in 2018-19 14. FDP on Innovative Teaching Skills for Mathematics Teacher organised by Pune University 2017-18 15. NPTEL Course + FDP on Advanced Engineering Mathematics in 2018-19. 16. NPTEL Course + FDP on NPTEL FDP on Integral Equations, Calculus of Variation(FDP) in 2018-19 17. Workshops on Linear Algebra for Data Science & ML in 2022-23. 18. Workshops on LATEX workshop organized by IISER, Pune in 2017-18. 19. Orientation Program on AM-I & AM-II at K. J. Somaiya College of Engg. in 2012. 20. Workshops on Revised Syllabus of AM-I, AM-II, AMIII at Shah & Anchor Kutchhi Engg. College in 2007-2008. 21. Seminar on Opportunities & Challenges in Industry 4.0 organised by MIT, Aurangabad in 2019-20. 22. Completed certifications in Data Science Specialization using R Advanced Machine Learning (using Python) MySQL Tableau Fundamental of Digital Marketing Office Computing
Organized
NA
Delivered
<ol style="list-style-type: none"> 1. Resource person for the course “Application of Mathematics to Data Science” organized by Ramnarain Ruia Autonomous College in 2021. 2. Invited as resource person to conduct sessions and workshops on “Mathematics in Origami” and "Happy Folding"

Notable Key Scholastic Achievements	
1.	Qualified CSIR-UGC Exam for Lectureship (NET) with 71st rank.
2.	Secured highest marks in T.Y.B.Sc in Department of Mathematics of B. N. Bandodkar College of Science.
3.	Wrote articles related to different topics in mathematics for “Kutuhla” column of marathi newspaper “Loksatta” and “Marathi Vidnyan Parishad Patrika” in 2021.

Notable Positions and Responsibility	
1.	Worked as Time Table In-Charg and Cultural Incharge in YTIET
2.	Worked as Departmental Exam In-Charge in DBIT
3.	Worked in NBA committee for Criterion 8 (First Year Academics) – and Worked as Departmental Exam In-Charge in APSIT
4.	Paper Setter for end semester examination in University of Mumbai.
5.	One of the members of Syllabus Setting Committee for Applied Mathematics III(EXTC) at University of Mumbai in 2016.

Date: 07 / 02 / 2023

Anushri Tambe
Signature of Faculty Member