

Somaiya Vidyavihar University

Name: Dr. YOGESH M. THAKKAR		E-mail: yogeshthakkar@somaiya.edu	
Contact No: 9322252552			
Department/Section: Science & Humanities (Mathematics)			
College: K. J. Somaiya College of Engineering			
DOJ Somaiya: 01 June 2003	Career Experience: 23 Yrs	Industry Experience: Nil	Teaching Experience: 23 Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation:	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Special Functions 2. Integral Transforms <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. Applied Mathematics I 2. Applied Mathematics II 3. Applied Mathematics III 4. Applied Mathematics IV 5. Mathematics for Mechanical Engg I 6. Mathematics for Mechanical Engg II 7. Mathematics For Communication Engineering-I 8. Mathematics For Communication Engineering-II

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : No
<p>Details of Recognitions</p> <ol style="list-style-type: none"> 1. University of Mumbai 2. Somaiya Vidyavihar University 			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/%Marks
Ph.D	Ph.D. (Mathematics)	---	SVNIT, Surat	May 2024	NA
PG	Master of Science (Mathematics)	University of Mumbai	Institute of Science, Mumbai	May 2001	First class with distinction
UG	Bachelor of Science (Mathematics)	University of Mumbai	R. J. College, Ghatkopar	May 1999	First class with distinction
NET	NET (Mathematics)	CSIR	---	Dec 2018	NA
SET	SET (Mathematics)	Savitribai Phule Pune University	---	June 2019	NA

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Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	V. G. Vaze College Mumbai	Lecturer in Mathematics (ad hoc)	27 th Aug 2001	30 th Sept 2001	5 months
			27 th Nov 2001	30 th Mar 2002	
2.	R. J. College Mumbai	Lecturer in Mathematics (CHB)	3 rd Jan 2002	30 th April 2002	7 months
			27 th June 2002	15 th Sept 2002	
3.	K. J. Somaiya College of Engineering, Mumbai	Lecturer in Mathematics (ad hoc)	20 th Sept 2001	31 st Dec 2001	16 months
			1 st Feb 2002	31 st May 2002	
			16 th Sept 2002	31 st May 2003	
4.	K. J. Somaiya College of Engineering, Mumbai	Asst. Professor in Mathematics (Permanent)	1st June 2003	Till date	21 years

Research Accomplishments and Projects		
Publications Total: 03	Number of Peer review Journal papers: 03	Number of Conference papers: 07

Details of Publications:

Paper Published in National/International Journals (Peer reviewed)

- 1) Yogesh M. Thakkar, Ajay K. Shukla. SOME RESULTS INVOLVING THE $pRq(\alpha, \beta; z)$ FUNCTION, J. Indian Math. Soc., 90(3-4) (2023), 329-342.
<https://doi.org/10.18311/jims/2023/29001>
- 2) Yogesh M. Thakkar, Ajay K. Shukla. GENERATING FUNCTIONS FOR pRq POLYNOMIAL, Int. J. Appl. Comput. Math 9:31(2023),
<https://doi.org/10.1007/s40819-023-01510-w>
- 3) Yogesh M. Thakkar, Ajay K. Shukla. SOME FORMULAS FOR THE FUNCTION $R_3[\mu, \mu', \delta, \delta'; \gamma; v, \tau, z_1, z_2]$, Advanced Studies: Euro-Tbilisi Mathematical Journal 16(3) (2023), 53–66. DOI: 10.32513/asetmj/193220082325

Conferences:

- 1) Presented research paper on “Generating Functions for $pRq(\alpha, \beta; z)$ Polynomial $R_n(z)$ ”, International Conference on Mathematical Sciences (ICMS-2021), Oct 07-09, 2021, Department of Mathematics and Humanities of Sardar Vallabhbhai National Institute of Technology Surat-395007, Gujarat, India.

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- 2) Presented research paper on “Some Integral Involving $pRq(\alpha, \beta; z)$ Function”, 87th Annual Conference of the Indian Mathematical Society - An International Meet (IMS-2021), December 04-07, 2021, Department of Applied Sciences, JNEC, MGM University, Aurangabad - 431003, Maharashtra, India.
- 3) Presented research paper on “Rodrigues Formula for $pRq(\alpha, \beta; z)$ Polynomial”, International Conference on Special Functions and Applications (ICSFA-2021), December 22-24, 2021, Department of Mathematics and IQAC, University of Kerala, Thiruvananthapuram (Kerala), India.
- 4) Presented a research paper on “Double Integral Representation For pRq Function of 2-Variables”, 2nd International Conference on “Orthogonal Polynomials, Special functions, and Computer Algebra: Applications in Engineering” (OPSFCA-2022), October 15–16, 2022, Anand International College of Engineering, Jaipur, India and The International Telematic University (UNINETTUNO), Italy.
- 5) Presented a research paper on “Generalisation of $pRq(v, \tau; z)$ Function”, International Conference on Special Functions and Applications, (ICSFA-2022), November 26-28, 2022, Department of Studies in Mathematics, University of Mysore, India.
- 6) Presented a research paper on “Note on the function $R1[\mu, \delta, \delta'; \gamma; v, \tau, z1, z2]$ ”, National Conference on Special Functions and Allied Areas, March 17-18, 2023, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat, India.
- 7) Presented a research paper on “Note on the function $R3[\mu, \mu', \delta, \delta'; \gamma; v, \tau, z1, z2]$ ”, International Conference on Special Functions and Applications, (ICSFA-2023), November 2-4, 2023, at Ramanujan School of Mathematical Science, Puducherry University, Puducherry, India.

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

Attended

1. Attended Teachers Training Program on 'Probability & Random Variables', organized by K.J. Somaiya College Of Engineering, Mumbai, Jan – April 2006.
2. Attended Workshop on 'Magic Maths' Organized by RAIT on 8th April 2006
3. Attended Short Term Training Program on 'Integral Transform & Applications using MATLAB tools', organized by K.J. Somaiya College Of Engineering, Mumbai, 26th June -7th July 2006
4. Seminar on Applied Mathematics – I organized by Shah & Anchor Kutchhi Engg. College, 4th Aug 2007
5. Attended Short Term Training Program on 'Mathematical Modelling & Numerical Techniques', organized by Parshvanath college of engineering, Mumbai, 23rd April – 5th May 2007
6. Seminar on Applied Mathematics – I & II organized by KJSCE, Vidyavihar, 6th Sept 2012.
7. Attended STTP on 'Tools & Techniques Of Effective Technical Writing' from 12th May - 17th May 2013 at KJSCE, Vidyavihar.

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8. Attended one day training on " Google Apps" on 28 th June 2013 at KJSCE, Vidyavihar.
9. Seminar on Applied Mathematics – III (EXTC / ETRX) organized by RGIT, Andheri , 9th July 2013.
10. Seminar on Applied Mathematics – III (MECH) organized by Sarswati College of Engg. 18th July 2013
11. Seminar on Applied Mathematics – III (COMP/IT) organized by KJSCE , 27th July 2013
12. Attended STTP on “Applications of Mathematics in science and Engineering” from 16th Dec to 20th Dec 2013 at SCOE, Kharghar , Navi Mumbai.
13. Attended Orientation Programme on revised syllabus of “ Applied Mathematics – IV (EXTC/ ETRX) “ on 30th Dec 2013 at KJSCE , Vidyavihar.
14. Attended Evaluation workshop on 27th June & 28th June 2014 at KJSCE, Vidyavihar.
15. Attended STTP on “ Self Transformation and Management” from 4th Jan to 8th Jan 2016 at K. J. Somaiya Polytechnic, Mumbai-77
16. Attended STTP on “ Use of Open Source software In Research” from 27th June to 1st July 2016 at Vidyalankar Institute of Technology, Mumbai
17. Attended and successfully completed a 12 week online course on “ Business Statistics ” by IIT Roorki through NPTEL during Jan – April 2019
18. Attended and successfully completed a 12 week online course on “ Advanced Engineering Mathematics ” by IIT Roorki through NPTEL during Jan – April 2019
19. Attended and successfully completed 8 week online course on “Matrix Analysis with Applications” through NPTEL during Aug-Oct 2019.
20. Attended and successfully completed 12 week online course on “Transform Calculus and its Applications in Differential Equations” through NPTEL during Jan-Apr 2020.
21. Attended STTP on “Computational Software (MATLAB & MATHEMATICA)” from 5th Oct to 9th Oct 2020 at SVNIT, Surat.
22. Attended one-day IQAC webinar on “ Introduction to LaTeX ” on Nov 2020 organized by Loganatha Narayanasamy Government College (Autonomous) Ponneri - 601 204, Tiruvallur Dt, Tamil Nadu.
23. Attended STTP on “Mathematical Tools and Techniques for Scientists & Engineers (MTTSE 2020)” from 6th Dec to 10th Dec 2021 at SVNIT, Surat.
24. Attended International Conferences on Special Functions and Applications on 23rd Dec 2020 organized by department of Mathematics & Computer Science, Babu Banarasi Das University, Lucknow, India.

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25. Attended STTP on “Fractional Calculus: Foundations to Frontiers (FCFF 2020)” from 28th Dec 2020 to 1st Jan 2021 at SVNIT, Surat.
26. Attended STTP on “Academic Writing Using LATEX” from 4th Jan to 8th Jan 2021 at SVNIT, Surat.
27. Attended International Conference on Mathematical Sciences (ICMS-2021), Oct 7-9, 2021, Department of Mathematics and Humanities(DoMH), SVNIT Surat, India.
28. Attended 87th Annual Conference of the Indian Mathematical Society – An International Meet (IMS-2021), December 4-7, 2021, MGM University, Aurangabad - 431003, Maharashtra, India.
29. Attended International Conference on Special Functions and Applications, (ICSFA-2021), December 22-24, 2021, Department of Mathematics and IQAC, University of Kerala, India.
30. Attended FDP on “Linear Algebra” from 25th July to 26th Aug 2022 at Sardar Patel Institute of Technology, Mumbai-400058.
31. Attended online workshop on “SPSS software” from 1st Sept to 2nd Sept 2022 organized by the Department of Mathematics, G. H. Raisoni college of Engg, Nagpur.
32. Attended The 2nd (Hybrid) International Conference on “Orthogonal Polynomials, Special Functions and Computer Algebra: Applications in Engineering(OPSFCA-22)”, October 15-16, 2022, Anand International College of Engineering, Jaipur, India.
33. Attended International Conference on Special Functions and Applications, (ICSFA-2022), November 26-28, 2022, Department of Studies in Mathematics, University of Mysore, India.
34. Attended National Conference on Special Functions and Allied Areas, March 17-18, 2023, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat, India.
35. Attended International Conference on Special Functions and Applications, (ICSFA-2023), November 2-4, 2023, at Ramanujan School of Mathematical Science, Puducherry University, Puducherry, India.
36. Attended online FDP on Research Methodology, AI in Research and Intellectual Property Rights, January 22-26, 2024, organized by Bharathians Alumni Trust Sri Venkateswara College of Computer Applications and Management, Coimbatore, Tamil Nadu, India.
37. Attended Workshop on Complex Analysis and its Applications-2024 (WCAA-2024), Feb 23-24, 2024, at Gati Shakti Vishwavidyalay, Vadodara, Gujarat, India.
38. Attended online FDP on Research Methodology, AI Tools in Research and Intellectual Property Rights, March 18-23, 2024, organised by the DST-CURIE-AI center of Sri Padmavati Mahila Visvavidyalayam (SPMVV University), Tirupati, India.

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Notable Key Scholastic Achievements

1. Recipient of award in 2000 for securing first rank in B.Sc.(mathematics) in college
2. Recipient of National Scholarship in 1999-2000
3. Recipient of Sekar Srinivasan award in 2001 for securing first rank in M.Sc. Part-I (mathematics) in college
4. Recipient of Sekar Srinivasan award in 2002 for securing first rank in M.Sc. Part-II (mathematics) in college
5. Recipient of IDEAL TEACHER award in 2005-2006 by Students' Council of K. J. Somaiya College of Engg.

Notable Positions and Responsibility

1.	C6- FDC convener
2.	C16- Online Courses Coordinators- Faculty
3.	FSDC- Member
4.	Departmental Time Table Committee- Co coordinator
5.	DEC-SAH Member

Date: 18 / 05 / 2024

**Signature of Faculty
Member**

Dr. Yogesh M. Thakkar
Faculty of Mathematics
Dept. of Science and Humanities,
Somaiya Vidyavihar University, Mumbai