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Designation

Assistant Professor

Department

Mathematics

Qualification

M.Sc., B. Ed., NET, Ph. D.

Year	Research Paper International Journal	Research Paper National Journal	Book Publish/ Chapter	Patent Publish/ IPR	Resource Person	Conferences/Seminars/ Workshop organized/ attended
2017-18	-	-	-	-	02	01
2018-19	-	-	-	-	00	02
2019-20	-	-	-	-	01	05
2020-21	-	-	01	-	01	07
2021-22	04	-	-	-	02	01
2022-23	01	-	-	-	00	01

Orientation / Refresher / Short Term course / Faculty Development Programme (FDP):

Numbers: **14**

Administrative Experience

1. Nodal Officer for B. Voc. Degree and Diploma Courses Approved by UGC-NSQF.

Representation on Academic / Administrative bodies / Member of organizational bodies.

1. Member of Board of Studies of Mathematics formed by Mahatma Gandhi Vidyamandir Institute from A. Y. 2020-2021.
2. Member of Board of Studies of Vocational Courses formed by Mahatma Gandhi Vidyamandir Institute from A. Y. 2020-2021.
3. Chairperson of Board of Studies of Vocational Courses formed by Mahatma Gandhi Vidyamandir Institute from A. Y. 2020-2021.
4. Member of Syllabus Restructuring Committee of T. Y. B. Sc. (2019 Credit Pattern) in the A. Y. 2020-2021 formed by Savitribai Phule Pune University, Pune

Teaching Experience: 14 years, 6 months (UG), 4 years (PG)

Past Experience:-	4 ½ years (PGT @ New English School & Science Jr. College, Jamner, Dist:-Jalgaon)
Awards / Recognitions	1. Pandit G. M. Joshi Memorial Gold Medal' for first rank at M. Sc. Mathematics in April 2002.
Research Guidance for M.Phil./Ph.D./Project: Nil P.G. Project guide: Total students: Nil	
Reviewer of Journals: Nil	
A research paper published / presented	<ol style="list-style-type: none"> 1. SM Chinchole, AP Bhadane, LU factorization method to solve linear programming problem, Intern. J. Emerging Technology and Advanced Engineering, 4(4), 2014, pp. 176–180. 2. Chinchole, Sanjay Madhukar and Bhadane, Ashok, A new definition of fractional derivatives with Mittag-Leffler kernel of two parameters, Communications in Mathematics and Applications, 13(1), 2022, pp. 19–27. 3. Chinchole, Sanjay Madhukar and Bhadane, Ashok Parashram, On Properties of New Fractional Derivative with Mittag-Leffler Kernel of Two Parameters, International Journal of Difference Equations (IJDE), 17(1), 2022, pp.47–52. 4. Chinchole, Sanjay Madhukar and Bhadane, Ashok Parashram, A New Family of Special Polynomials with Fractional Integrals. International Journal of Difference Equations (IJDE), 17(1), pp.65–73. 5. Sanjay Madhukar Chinchole, Modified Definitions of SABC and SABR Fractional Derivatives and Applications, International Journal of Difference Equations (IJDE), 17(1), 2022, pp.87–112. 6. Chinchole, S M, A new integral transform with applications to fractional calculus. Communications in Mathematics and Applications, 13(3), 2022, pp. 1003–1012. 7. S M Chinchole, An Introduction to New Special Function Using Fractional Calculus. International Conference on Mathematical Analysis and Applications (MAA) organized by Department of Mathematics, National Institute of Technology, Jamdeshedpur, November 02-04, 2020; Presented. 8. S M Chinchole, A New Approach to Derivative of Gamma Function. 6th International Conference on Recent Advances in Science (ICRAS-2022) organized by Invertis University, Bareilly, April 01-02, 2022; Presented. 9. S M Chinchole, A Metric Space defined on Set of Positive Prime Numbers, National Workshop on Recent Trends In Mathematics, L. V. H. College, Panchavati, Nashik-3. 10. S M Chinchole, Pythagorean Theorem-A Vector Approach, Recent Developments In Graduate Mathematics, L. V. H. College, Panchavati, Nashik-3. 11. S M Chinchole, S. D. Manjarekar, Local Fractional Fourier's Transform Based on the Local Fractional Calculus, National Conference On Recent Developments in Mathematics & Statistics, T. C. College, Baramati (Dist. Pune).
Books published:	1. A reference book entitled "A Simplified Book on Metric Spaces" of 144 pages is published by an international publisher <i>Lambert Publishing House</i> .

Orientation / Refresher / Short Term course / Faculty Development Programme (FDP):

Sr. No.	Course	Title	Organizer	Duration	Dates
1.	Training Programme	MTTS PROGRAMME-2001 funded by National Board for Higher Mathematics	IIT Pawai (Mumbai)	4 Weeks	21st May - 16th June 2001
2.	Orientation programme	General Orientation programme	UGC-Academic Staff College, University of Pune, Pune 411007	28 Days	03/12/2012 to 30/12/2012
3.	Refresher Course	Refresher Course in Mathematics	UGC-Academic Staff College, Himachal Pradesh University, Shimla - 5	3 Weeks	24/06/2013 to 13/07/2013
4.	Refresher Course	Refresher Course on Analysis	Department of Mathematical Sciences, Tezpur University	2 Weeks	18/02/2019 to 02/03/2019.
5.	Refresher Course	Robotics and Internet of Things	RUSA and conducted by University of Mumbai under HRDC	2 Weeks	30/05/2019 to 13/06/2019
6.	Two - Week Faculty Development Programme	Managing Online Classes & Co- creating MOOCS 2.0	Teaching Learning Centre, Ramanujan College, University of Delhi	2 Weeks	May 18 - June 03, 2020
7.	One Week Faculty Development Programme	Open Source Tools For Research	Teaching Learning Centre, Ramanujan College, University of Delhi	1 Week	08 - 14 June, 2020
8.	One Week Faculty Development Programme	One Week Pedagogical Training for Teachers on Tools for Online Teaching	Swami RamanandTeerth Marathwada University, Nanded	1 Week	1st July to 6th July 2020

		Learning and Evaluation			
9.	UGC Paramarsh FDP	ICT in Teaching & Evaluation	MSP Mandal's Shri Shivaji College, Parbhani (Maharashtra)	1 Week	13th July – 18th July 2020
10.	Online Faculty Development Program	“Waste Management & its Impact on the Environment”	G. H. Raisoni College of Engineering, Nagpur	1 Week	20th to 25th July 2020
11.	Two Week International FDP	Multidisciplinary Research Innovation in Engineering, Science and Technology for Sustainable Development	Computer Science and Engineering Department, Bipin Tripathi Kumaon Institute of Technology Dwarahat Almora (Uttarakhand), INDIA	2 Weeks	October 26- November 7, 2020
12.	International FDP	Online Teaching Metrics	SRM Institute of Science & Technology, Chennai	1 Week	12th to 18th May 2021
13.	Online Elementary FDP	Faculty Development Program on QUANTUM COMPUTING	AICTE Training And Learning (ATAL) Academy, IIT Dharwad	1 Week	2021-07-19 to 2021-07-23
14.	Online Elementary FDP	Advanced Mathematical Techniques in Engineering and Technology	Maharshi Dayanand University Rohtak.	1 Week	18/10/2021 to 22/10/2021

Conferences/Seminars/ Workshop organized / attended

Sr. No.	Level	Title of the conference	Organizer	Dates/ Duration
1.	National (Coordinated)	National Conference on "Recent Developments in Graduate Mathematics"	L. V. H. College, Panchavati, Nashik	6th to 8th February 2012
2.	National (Coordinated)	National Conference on "Recent Trends in Fractional Calculus: Theory and Applications"	L. V. H. College, Panchavati, Nashik	10 th to 11 th March 2016
3.	University	Seminar on "Teaching Methods in Calculus"	R.B.N.B. College, Shirampur, Dist- Ahmednagar	24th December 2008
4.	National	Workshop on "scilab"	BhaskaracharyaPratishthana, Pune and IIT Bombay	4th July-7th July, 2009
5.	University	Workshop on "Restructuring of T.Y.B.Sc. Syllabus in Mathematics"	K.T.H.M. College, Nashik & Board of Studies in Mathematics, University of Pune	January 18th - 19th, 2010
6.	University	Workshop on "Discussion on Practical Courses included in F.Y./S.Y.B.Sc. Mathematics Syllabus"	Agasti College, Akole	6th February, 2010
7.	University	Workshop on "Mathematics, Statistics and Computer Application on T.Y.B.Com. New Syllabus"	by L.V.H. College, Panchavati, Nashik	13th March 2010
8.	National	National Workshop on "Scilab Advanced"	BhaskaracharyaPratishthana, Pune	27th September to 1st October 2010
9.	University	Workshop on "Discussion of Practical Course in	R. B. N. B. College, Shirampur	24th January, 2011

		S. Y. & T. Y. B. Sc. Mathematics Syllabus”		
10.	National	National Workshop on “Recent Trends in Mathematics”	L. V. H. College, Panchavati, Nasik	27 th to 29 th January 2011
11.	University	Workshop on “Emerging Trends in Metric Spaces & Its Applications”	M. S. G. College, Malegaon Camp, Malegaon (Dist:- Nasik)	22 th February 2012
12.	National	National Conference on “Recent Developments in Mathematics & Statistics”	T. C. College, Baramati (Dist. Pune)	14 th to 16 th February 2013
13.	National	National Programme on Technology Enhanced Learning (NPTEL Workshop) on “Riemann Surfaces”	IIT Madras	23 rd to 24 th September 2013
14.	National	National Conference on “Archetypes of Innovations for Student-Centric Learning”	K. T. H. M. College, Nashik	7 th – 8 th August 2015
15.	National	National Conference on “Recent Trends in Fractional Calculus: Theory and Applications”	L. V. H. College, Panchavati, Nashik	10 th to 11 th March 2016
16.	State	State Level Seminar on “Recent Applications of Mathematics and Statistics”	S. P. H. MahilaMahavidyala ya Malegaon Camp	3 rd February 2018
17.	National	National Conference on “Recent Trends in Mathematics and Its Application”	M. S. G. Arts, Science & Commerce College, Malegaon-Camp	27 th to 29 th December 2018
18	International	International Conference on	L. V. H. Arts, Science	23 rd & 24 th January 2019

		“Innovations in Teaching Learning and Evaluation in Higher Education”	&Commerce College, Panchavati, Nashik	
19.	University	Workshop on “Maxima Software & Discussion on Syllabus	BOD, Savitribai Phule Pune, Pune	18 th July 2019
20.	University	Workshop on “Restructuring of S. Y. B. Sc. /S. Y. B. Sc. (Computer Science) / M. Sc. -II Mathematics Syllabus	BOD, Savitribai Phule Pune, Pune	5 th March 2020
21.	National	National webinar on “Innovation And Entrepreneurship Ecosystem In Educational Institutes”	SIES College of Arts , Science and Commerce (Autonomous) , Sion (West) , Mumbai-400022	10th May , 2020
22.	International	International e-Conference on “Recent Trends in Advancement of Mathematical and Physical Sciences”	Deva Nagri College, Meerut	May 22-23, 2020
23.	National	National Webinar on “E-Content Creation And E-Learning through MOOCs”	Barr. Balasaheb Khardekar Knowledge Resource Center and Department of Library and Information Science of Shivaji University	29- 30th May, 2020
24.	National	Online Webinar Series on Effective use of Digital tools in Academic Administration- “Work from Anywhere Anytime”	UGC - Human Resource Development Center, Savitribai Phule Pune University, SPPU Edutech Foundation	June 8, 2020 to June 13, 2020
25.	National	National Online Workshop on Blended Learning	SNDT Women’s University, Mumbai	June 13, 2020
26.	National	Workshop on “Importance of Mathematics in Science and Engineering ”	PES’s College of Engineering, Phaltan in association with IAIAM, TIMC and	20th June to 22th June, 2020

			BhaskaracharyaPrati shthana, Pune	
27.	National	National Workshop on “Learning Management System: Moodle”	PMMMNTT- MHRD, SNTD Women’s University, Mumbai	27 th July to 2 nd August 2020
28.	National	National webinar on “The Career Opportunities in Decision Sciences and Mathematical Statistics”	Mathematics Division, University Institute of Sciences, Chandigarh University, Mohali (Punjab), India.	25 th September 2020
29.	National	National Webinar on Hyperbolic Functions	MES’s AbasahebGarware College, Karve road, Pune	13 th October 2020
30.	International	International Conference on Mathematical Analysis and Applications	Department of Mathematics, National Institute of Technology, Jamdeshedpur,	November 02-04, 2020
31.	International	International Conference on Recent Advances in Science (ICRAS-2022)	Invertis University, Bareilly	April 01-02, 2022
32.	International	International Webinar on Innovations in Material Processing	BIET, CRESIHRD and ICERS	20 th August 2022

Experience as Resource Person for:

1. Delivered a lecture on “Numerical Methods” in Special Summer Coaching Classes on Basic Mathematics for F.Y., S.Y. and T.Y.B.Sc. on 19th June 2006 at M.S.G. Arts, Science & Commerce College Malegaon Camp.
2. Worked as a Resource Person in one day workshop on “Emerging Trends in Metric Spaces & Its Applications” at M. S. G. College, Malegaon Camp, Malegaon (Dist:-Nasik).
3. Worked as a Resource Person in the “Lecture Series” on Competitive Examinations for UG & PG students in L. V. H. College, Panchavati, Nasik on 13th September 2012.
4. Delivered a speech in National workshop on “NET/SET Preparation” organized by L. V. H. College, Panchavati, Nashikon 23rd January 2014.
5. Delivered lectures on “Numerical Analysis” in NET SET Lecture series of Mathematics organized by K. T. H. M. College, Nashikon 3rd June 2015.
6. Delivered a speech on “Topology” in NET/SET workshop organized by L. V. H. College,

- Panchavati, Nashikon 10th February 2017.
7. Delivered a talk on Numerical Analysis in National Workshop on “Techniques and Methods to Crack Problems in Mathematics” at The Institute of Science, Mumbai on 1st April 2017 (Two Sessions).
 8. Worked as a Resource Person to National Level Workshop on “Methods and Techniques to solve problems in Mathematics” organized by K. T. H. M. College, Nashik during 1st– 11th June 2017.
 9. Delivered a speech on “Linear Algebra” in NET/SET workshop organized by L. V. H. College, Panchavati, Nashikon 7th March 2018.
 10. Delivered a lecture on “Research in Social Sciences and Applications of Statistics” as a resource person in the certificate course on “Research Methodology and Application of Mathematical and Statistical Techniques in Economics” organized by Arts, Commerce and Science college, Chandwad on 3rd December 2019.
 11. Delivered a lecture on “Puzzles and Mathematics” in the seminar organized by GMD Arts, BW Commerce and Science College, Sinnar on 5th March 2021.
 12. Delivered a lecture as a resource person for online workshop on NET/SET Guidance for Paper II organized by L. V. H. Arts, Science and Commerce College, Panchavati on 25th August 2021.
 13. Delivered a lecture as a resource person for online bridge course of Mathematics for F. Y. B. Sc./ F. Y. B. Sc. (Computer Science) students organized by Samajshree Prashantdada Hiray Arts, Science and Commerce College, Nampur on 8th October 2021.

E-content developed link

<https://www.youtube.com/c/MathematicsEducationSanjayChinchole>

Contribution for the Professional Development

The following activities have been taken for the students participation and students encouragement towards research and competitive examination:

1. **Mathematics Day Celebration**
2. **Pi Day Celebration**
3. **MTTS Participation**
4. **Quiz Competition Participation**
5. **Madhava Mathematics Competition**
6. **Webinar Organization**

Social Media links

Webpage

<https://sites.google.com/view/sanjaychinchole-myprofile/?usp=sharing>