


## BIODATA

**:: Name of Institute:**

<b>Full Name</b>	<b>JAGTAP GAYTRI SADASHIV</b>	
<b>Name of Post</b>	<b>Associate Professor</b>	
<b>Subject</b>	<b>Mathematics</b>	
<b>Specialisation</b>	<b>Functional Analysis, Lattice Theory</b>	
<b>UG/ PG Teacher</b>	<b>UG</b>	
<b>Address &amp; Contact Details</b>	<b>Anand Colony, Kerul Road, Kada Tq. Ashti Dist. Beed - 414202 (M. S.) India</b>	
<b>Gender</b>	<b>Female</b>	
<b>Date of Birth</b>	<b>28/04/1967</b>	
<b>Date of Joining</b>	<b>06/08/1994</b>	
<b>Mobile Number</b>	<b>9421351320</b>	
<b>E-mail</b>	<b>gaytribk94@gmail.com</b>	
<b>Aadhar Number</b>	<b>718422676416</b>	
<b>Pan Number</b>	<b>AEQPJ6262D</b>	

**:: Educational Qualification:**

<b>Name of Exam</b>	<b>Board/University</b>	<b>Passing Month-Year</b>	<b>Stream/Subject</b>	<b>Obtained/ Total Marks</b>	<b>% or Grade Point</b>
<b>Ph.D.</b>	<b>POJS University Churu, Rajasthan</b>	<b>December 2016</b>	<b>Mathematics</b>	<b>---</b>	<b>A</b>
<b>M.Phil.</b>	<b>Algappa University Karaikudi, Madras</b>	<b>March 2008</b>	<b>Mathematics</b>	<b>---</b>	<b>A</b>
<b>B.Ed.</b>	<b>S.N.D.T. University, Mumbai</b>	<b>May, 1994</b>	<b>Physics, Mathematics</b>	<b>692/1000</b>	<b>A</b>
<b>M.Sc.</b>	<b>Shivaji University, Kolhapur</b>	<b>June 1991</b>	<b>Mathematics</b>	<b>911/1200</b>	<b>I Class with Distinction</b>
<b>B.Sc.</b>	<b>Shivaji University, Kolhapur</b>	<b>June 1989</b>	<b>Mathematics</b>	<b>297/420</b>	<b>I Class</b>
<b>B.Sc.</b>	<b>Shivaji University, Kolhapur</b>	<b>June 1988</b>	<b>Electronics</b>	<b>892/1750</b>	<b>II Class</b>
<b>H.S.C.</b>	<b>Pune</b>	<b>June 1985</b>	<b>English, Marathi, Biology, Physics, Mathematics</b>	<b>315/600</b>	<b>II Class</b>
<b>S.S.C.</b>	<b>Aurangabad</b>	<b>June 1983</b>	<b>Marathi, Hindi, Eng., Social Sciences, Science, Math</b>	<b>439/750</b>	<b>II Class</b>

**:: Refresher /Orientation / Short Term Courses/FDP Attended**

<b>Name of the Course</b>	<b>Place</b>	<b>Duration</b>	<b>Sponsoring Agency</b>
Orientation Course	Dr. B. A. University Aurangabad	02/05/1995 to 27/05/1995	Academic Staff College , A'bad (West Zone)
Refresher course	New Arts, Science College A'nagar	29/10/2003 to 18/11/2003	Pune University, Pune
Refresher course	Mathematics Dept. Aurangabad	20/02/2006 to 11/03/2006	Dr. B. A. University Aurangabad
Orientation Course	Ahamadnagar College A'nagar	13 /10/2016 to 19/10/2016	Govt. of India,Ministry of Youth Affairs & sports,New Delhi.
Faculty Development Program on Cyber Security	Smt. S. K. Gandhi Arts, Science & P.H. Gandhi Commerce College, Kada.	02/12/2019 to 07/12/2019	Shivaji University, Kolhapur (PMMMNTT of MHRD)
FDP on Moodle : Spoken tutorial project	S.S.T College of Arts and Commerce Ulhasnagar	21April 2020 to 27 April 2020	S.S.T College of Arts and Commerce Ulhasnagar
FDP on Challenges and Remedies of Covid-19 post Lockdown	Nutan Mahavidyalaya Selu	29 Apr. 2020 to 01 May 2020	Nutan Mahavidyalaya Selu
International online FDP of Innovations, IPR and Entrepreneurship	Pillai HOC college Rasayani	04 May 2020 to 10 May 2020	Pillai HOC college Rasayani
FDP on Managing online classes and co-creating Moocs 2.0	TLC and RDSC Ramanujan College	18 May 2020 to 3 June 2020	TLC and RDSC Ramanujan College
FDP on Evolution from offline to online teaching	Satish Pradhan Dnyanasadhana College Thane	30 May 2020 to 3 June 2020	Satish Pradhan Dnyanasadhana College Thane
FDP on Teaching –Learning and Training Programme	UGC-HRDC Aligarh Muslim uni. Organized by MES Keveeyam college Valanchery	08 June 2020 to 12 June 2020	UGC-HRDC Aligarh Muslim uni. Organized by MES Keveeyam college Valanchery
FDP on Role of Mathematics in Academic Research and Technology	Vemana Institute of Technology Bengaluru	13 July 2020 to 17 July 2020	Vemana Institute of Technology Bengaluru
FDP on Engaging Faculties as catalyst for a promising future,	Anandrao Dhonde Alias Babaji Mahavidyalaya Kada	02 March 2021 to 04 March 2021	Jump Start Pune, MH
FDP on Recent Trends in Teaching Learning Process.	Dadapatil Rajale Arts, Science and Commerce College, Adinathnagar	21 <sup>st</sup> April 2022 to 27 <sup>th</sup> April 2022	Guru Angad Dev Teaching Learning Centre, a Centre under PMMMNTT, Ministry of Education, Government of India

**:: Working Experience:**

Name of Employer	Designation	Nature of Post	From-To
Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada	Associate Professor	Permanent	06/08/1994 to Till date

**:: Research Paper Published in Journals/e-Journals**

Year of Publication	Title of the paper	Authors	Name of Journal with volume Issue	ISSN/ ISBN No.	Type of Journal	Date of Publication	Impact Factor
2021-22	An Overview on Balancing chemical equation Through Diophantine Equation Page: 32-34	G. S. Jagtap	Journal of Science and Technology Vol. 7 Special Issue 03	ISSN: 2456- 5660	International	May 2022	120R: 6.5
	Mathematical Model for balancing chemical Reaction Page : 550-554	G. S. Jagtap	International journal of Creative Research Thoughts Vol. 10 Issue 04	ISSN: 2320- 2882	International	April 2022	Peer reviewed 7.9
	Squaring of Numbers: A connective prospective on Vedic and Trachtenberg Page: 990-998	G. S. Jagtap	International journal of Research Analytical Reviews Vol. 09 Issue 02	P-ISSN: 2349- 5138 E-ISSN: 2348- 1269	International	April 2022	Peer reviewed 7.9
2020-21	Use Of Laplace Transform In Differential Equations Page : 11514 - 11516	G. S. Jagtap	Asian Journal of Science and Technology Vol. 12 Issue 02	ISSN: 0976- 3376	International	Feb. 2021	Peer reviewed 6.946
	Solving Simultaneous Differential Equations By Using Laplace Transform. Page : 1308 - 1313	G. S. Jagtap	GIS SCIENCE JOURNAL Vol. 8 Issue 1	ISSN NO : 1869-9391	International	Jan. 2021	Peer reviewed 6.1
	Use Of Laplace Transform & Sumudu Transforms In Cryptography Page : 1-7	G. S. Jagtap	International Journal of Scientific Research in Engineering and Management Vol. 04 Issue:11	e-ISSN: 2582- 3930	International	Nov -2020	Peer reviewed 4.106

	Method of Cryptography by Applying Laplace Transform To Tangent Trigonometric Function Page : 207- 212	G. S. Jagtap	IJISET - International Journal of Innovative Science, Engineering & Technology Vol. 7 Issue 10	ISSN 2348 – 7968	International	October 2020	Peer reviewed 6.72
2019-20	Role Of NGOs and most successful women's entrepreneurs in Osmanabad District Page: 47 to 49	G. S. Jagtap	RESEARCH JOURNEY Multidisciplinary International e-research Journal	ISSN-2348-7143	International	Jan. 2020	(SJIF)-6.625, (CIF)3.452, (GIF)-0.676,
	Survey Of NAAC Framework with reference to Criteria II Page: 23 to 29	G. S. Jagtap	RESEARCH JOURNEY Multidisciplinary International e-research Journal	ISSN-2348-7143	International	December 2019	(SJIF)-6.625, (CIF)3.452, (GIF)-0.676
2018-19	The solution of Differential equation by means of some Integral Transform Page: 152 to 156	G. S. Jagtap	RESEARCH JOURNEY Multidisciplinary International e-research Journal	ISSN: 2348-7143	International	March 2019	Peer reviewed 6.261
2016-17	Kerl Pearson's Coefficients of Correlation for Physico-Chemical parameters of Drinking Water quality in and around Kada village Page: 21 -25	G. S. Jagtap B. S. Khaire	Online International interdisciplinary Research Journal	ISSN - 2249-9598	International	28-02-2017	3.7
	Analysis of Modern Algebra	G. S. Jagtap	International Journal of New Era Research Quarterly Bilingual	ISSN-2347-680X	International	Dec 2016	6.7
	Ecotourism and Scope for Tourism Development in Osmanabad District of Maharashtra (India) Page: 105 - 108	B. S. Khaire G. S. Jagtap	National RUT Printer and Publisher Jalna	ISBN-987-93-84663-10-0	National	09-09-2016	
	Problems Manifested in Prospective Secondary Mathematics Functions and counter examples in Differentiation. Page: 125 - 130	G. S. Jagtap	International Journal of New Era Research Quarterly Bilingual	ISSN-2347-680X	International	03-09-2016	6.7

2015-16	Squaring and Cube of Numbers Page:133 - 140	G. S. Jagtap	Online International interdisciplinary Research Journal	ISSN-2249-9598	International	31-03-2016	3.7
	Air Pollution and its Pathological Effects on Human life Page:119-123	G. S. Jagtap	Ajanta Prakashan Aurangabad	IBSN-978-93-83587-35-3	National	29-02-2016	

**:: Research Paper Published in Conference Proceeding:**

Year of Publication	Title of the paper	Author	Name of Journal with ISSN/ ISBN No.	Date of Publication
2019 - 20	Contribution of Ramanujan's in Number Theory and It's Relation to Vedic Mathematics	G. S. Jagtap	National Conference Proceeding	11 Mar. 2020
	Applications of Time Scale Calculus	G. S. Jagtap	National Conference Proceeding	13 Feb. 2020
	Construction of Magic square By Latin Square.	G. S. Jagtap	National Conference Proceeding	16-18 Jan. 2020

**:: Paper Presented in Conference/Workshop/Symposium:**

Sr. No	Title of the paper	Authors	Name of Conferences/ Seminars/ Workshops	Venue	Date
1	Contribution of Ramanujan's in Number Theory and It's Relation to Vedic Mathematics	G. S. Jagtap	National Conference on "Recent Trends in Mathematics and its Applications"	Yashvantrao Chavan Mahavidyalaya Tuljapur	11Mar. 2020
2	Applications of Time Scale Calculus	G. S. Jagtap	National Conference on "Recent Advances in Science "	Shivaji Arts, Commerce and Science College, Kannad	13 Feb. 2020
3	Construction of Magic square By Latin Square	G. S. Jagtap	National Conference on "Recent Trends in Mathematics and its Applications"	A.D. College Kada.	16-18 Jan. 2020
4	Exact solution of some linear partial fraction differential equations	G. S. Jagtap	National Conference on "Innovative Research in Science & Technology"	R. B. Attal Arts, Science & Commerce college Georai	
5	Ecotourism and Scope for Tourism Development in Osmanabad District of Maharashtra.	G. S. Jagtap	National conference on "Environment and Development"	Dr.B.N.Purandare Arts,Smt.S.G. Gupta Comm. & Science college Lonavala.	09-10 Sept. 2016

6	A note on Technique for finding the square and cube of two & three digit numbers.	G. S. Jagtap	National conference on “Recent Advances in Mathematics”	Yogeshwari Mahavidyalaya Ambajogai.	10-11 Feb. 2017
7	Relation between Laplace – Tarig and Elzaki Transform	G. S. Jagtap	International conference on Mathematical Analysis & it’s Applications.	Dayanand College Latur.	5-9 Mar. 2017

**:: Conferences / seminars, symposia and workshop organized as convener/ coordinator**

Sr. No.	Designation	Name of the Conference / Seminar	Level	Period
1	Co-Convener	“Recent Trends in Mathematics and its Applications”	National Webinar	22 Dec. 2021
2	Co-Convener	“Recent Trends in Mathematics and its Applications”	National Conference	16-17 Jan. 2020
3	Co-Convener	“Developments in Graduate and Post Graduates Mathematics ”	State level conference	27-28 Jan. 2008

**:: Resource Person /Chaired Session/ Guest Lectures in Conferences / Symposium / Workshop**

Sr. No.	Chaired Session	Level	Place	Date
1	Importance of Vedic Mathematics- Resource Person	National webinar on “Importance of Vedic and some thoughts in Mathematics”	Adv. B. D. Hambarde Mahavidyalaya Ashti, Dist. Beed	04 March 2021
2	Chaired Person	State level seminar on “Recent Trends in Mathematics”	Shri Anand College Pathardi.	6-7 Feb. 2017
3	Chaired Person	National conference on “Women Empowerment through Entrepreneurship and Skill Development”	ACS college Ashti	6-7 Feb. 2017

**:: Life Membership on various Associations**

1. Life membership of Marathwada mathematical Society, Aurangabad

**:: Use of ICT Tools**

Class	Paper	Type of ICT Developed/ Used		
		Video	PDF	PPT
B. Sc. I	MAT-101 Calculus I	<a href="https://www.youtube.com/channel/UCGn0J4P1UWaPAJx4UOijVFQ">https://www.youtube.com/channel/UCGn0J4P1UWaPAJx4UOijVFQ</a>	<a href="https://drive.google.com/drive/folders/1is3xwxUEO1M3yQkc7kqaHoPsNPzJ57l">https://drive.google.com/drive/folders/1is3xwxUEO1M3yQkc7kqaHoPsNPzJ57l</a>	<a href="https://drive.google.com/drive/folders/1VUQifYFPkFn8F-ptGala5jB7GggE5Tilw">https://drive.google.com/drive/folders/1VUQifYFPkFn8F-ptGala5jB7GggE5Tilw</a>
	MAT- 201 Calculus II	<a href="https://www.youtube.com/results?search_query=dr.+gaytri+jagtap%27s+mathematics">https://www.youtube.com/results?search_query=dr.+gaytri+jagtap%27s+mathematics</a>	<a href="https://drive.google.com/drive/folders/19Ex0_Vd0UqhipzZSybQpih8oeJom7j-P">https://drive.google.com/drive/folders/19Ex0_Vd0UqhipzZSybQpih8oeJom7j-P</a>	<a href="https://drive.google.com/drive/folders/1x1vFogBfheH2cwJjMEjxTmsGDAOAditu">https://drive.google.com/drive/folders/1x1vFogBfheH2cwJjMEjxTmsGDAOAditu</a>
B. Sc. II	MAT - 303 Mechanics I	----	<a href="https://drive.google.com/drive/folders/1BTGZmnRNGsQaZs1J6xi_QHoofzYyEEJq">https://drive.google.com/drive/folders/1BTGZmnRNGsQaZs1J6xi_QHoofzYyEEJq</a>	<a href="https://drive.google.com/drive/folders/1Rpb_Gk7VNPm-SwwUbhtjawLDuqSzvGN1">https://drive.google.com/drive/folders/1Rpb_Gk7VNPm-SwwUbhtjawLDuqSzvGN1</a>
	MAT - 403 Mechanics II	----	<a href="https://drive.google.com/drive/folders/1uFlZ4xlws1KXi753ebErN-3S8J7YN5rl">https://drive.google.com/drive/folders/1uFlZ4xlws1KXi753ebErN-3S8J7YN5rl</a>	----
B. Sc. III	MAT - 501 Real Analysis I	----	<a href="https://drive.google.com/drive/folders/1FYoYoSb392LykmoeVgfHBEfKhO3HTAg2">https://drive.google.com/drive/folders/1FYoYoSb392LykmoeVgfHBEfKhO3HTAg2</a>	<a href="https://drive.google.com/drive/folders/1JOyAFOP46eCU3b0HLmlABAmoTXCaxOH8">https://drive.google.com/drive/folders/1JOyAFOP46eCU3b0HLmlABAmoTXCaxOH8</a>
	MAT - 504 ODE I	----	<a href="https://drive.google.com/drive/folders/1iM07FfRosom9JMlCgCMGaQKWzIlvcd2H">https://drive.google.com/drive/folders/1iM07FfRosom9JMlCgCMGaQKWzIlvcd2H</a>	<a href="https://drive.google.com/drive/folders/1TaMwqojxlUarN25Igp86V-DSPYLJATgF">https://drive.google.com/drive/folders/1TaMwqojxlUarN25Igp86V-DSPYLJATgF</a>
	MAT - 601 Real Analysis II	----	<a href="https://drive.google.com/drive/folders/1wUgLD-ljHulmihdswXzTEbKnNaZSEqqw">https://drive.google.com/drive/folders/1wUgLD-ljHulmihdswXzTEbKnNaZSEqqw</a>	<a href="https://drive.google.com/drive/folders/1NKAZ1rJuzFqi3hL1yk2yGboBeeM2IFsz">https://drive.google.com/drive/folders/1NKAZ1rJuzFqi3hL1yk2yGboBeeM2IFsz</a>
	MAT - 604 ODE II	----	<a href="https://drive.google.com/drive/folders/1BmcDQ-XtxbrIpdm_QetldNnwqeeJdkb">https://drive.google.com/drive/folders/1BmcDQ-XtxbrIpdm_QetldNnwqeeJdkb</a>	----
Vedic Sutra	----	----	----	<a href="https://docs.google.com/presentation/d/1nnZ7V2oXYZuY334E-85xqvsggEeag19C/edit#slide=id.p1">https://docs.google.com/presentation/d/1nnZ7V2oXYZuY334E-85xqvsggEeag19C/edit#slide=id.p1</a>
Online Quiz	B. Sc. I MAT - 201		<a href="https://forms.gle/pKwnS6nwUN2Sauhy5">https://forms.gle/pKwnS6nwUN2Sauhy5</a>	
	B. Sc. II MAT - 403		<a href="https://forms.gle/kSAduY7nECwKRuEx5">https://forms.gle/kSAduY7nECwKRuEx5</a>	
	B. Sc. III MAT - 601		<a href="https://forms.gle/3SBpNixA8LPeph48A">https://forms.gle/3SBpNixA8LPeph48A</a>	
	B. Sc. III MAT - 604		<a href="https://forms.gle/saQ7yEopkDxiqNCa9">https://forms.gle/saQ7yEopkDxiqNCa9</a>	
	G.K.		<a href="https://forms.gle/8F1ZhyRh9hxXTQxN7">https://forms.gle/8F1ZhyRh9hxXTQxN7</a>	

**:: Student related co-curricular, extension & field based activities**

- i) Coordinator : Skill based certificate Course – Bandhani Painting
- ii) Organised Online Quiz
- iii) Quiz and Debate competition on the occasion of world mathematics Day
- iv) Guest Lecture at Bhagwan College Ashti
- v) Participation in Blood donation camp
- vi) Tree plantation
- vii) Participation in NSS Activities
- viii) Member of Green Army
- ix) Board of Directors, Mahesh Multistate society, Ashti

**:: Participation in academic & administrative committees & responsibilities.**

- i) Acted as Programme officer of NSS
- ii) Chairperson of Examination committee
- iii) Member of Co-curricular Activities committee.
- iv) Member of Ladies Grievance Committee

**:: Experience of Examination Related Work**

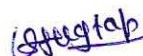
- i) Paper Setter
- ii) Worked as understudy University Exams
- iii) Invigilator
- iv) Examiner-university examination
- v) External examiner of Practical Exam
- vi) C.S. Of H.S.C. Board Exam
- vii) Counsellor of M. Sc. Y. C. M. U. Nasik, Ashti Centre

**:: Award**

- i) Avishkar Achievers Award 2022

**:: Editorial Boards:**

- i) Co-editor of Abstract of National Conference on “Recent trends In Mathematics and Its Applications”



(Dr. Jagtap Gaytri Sadashiv)