

Biodata



Jawahar Arts, Science and Commerce College, Anadur



**Affiliated to Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad**



1. PERSONAL INFORMATION AND ACADEMIC BACKGROUND

- i) **Name** : **Dr. Madhuri Nivrutti Gadsing**
- ii) **Date of Birth** : 08/04/1972
- iii) **Subject/Department** : Mathematics
- iv) **Current Designation** : Assistant Professor (AL-12)
- v) **Mode of Appointment** : Permanent
- vi) **Address: Office** : **Jawahar Arts, Science and Commerce College,
Anadur, Dist. Osmanabad**
Resi. : : Vyas Nagar, A/p. Naldurg,
Tal.-Tuljapur, Dist.-Osmanabad-413 602
- vii) **Mobile No.** : 7498915633
Email : madhuridhokale@gmail.com
- viii) **Religion & Caste** : Hindu – Maratha

2. Academic Qualifications :

Degree	Name of the Board/University	Year of passing	% of marks obtained	Division/ Class/Grade	Special/ Optional Subjects
S.S.C.	Pune Board	March-1986	65.28	I st Class	All
H.S.C.	Pune Board	March-1988	60.00	I st Class	Physics, Chemistry, Mathematics
B.Sc.	Shivaji University, Kolhapur	April-1991	62.40	I st Class	Mathematics
M.Sc.	Shivaji University, Kolhapur	April-1993	70.79	I st Class with distinction	Mathematics
B.Ed.	Shivaji University, Kolhapur	April 1994	56.20	II nd Class	Mathematics , Science
MS-CIT	MSBTE-MKCL	July-2003	84.00	I st Class	Information Technology

3. Research Degrees:

Degree	Title	Date of award	University
M. Phil.	Mathematics	18/03/2008	Alagappa University, Karaikudi
Ph. D.	Studies on Solutions of Fractional Differential Equations and Applications	07/11/2022	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

4. Positions held after appointment at this institution :

Designation	Department	Date of actual Joining		Grade
		From	To	
Assistant Professor (stage I)	Mathematics	01-07-1995	17/03/2008	15,600 - 39,100 AGP: 6000
Assistant Professor (stage I) (Due to award of M. Phil)	Mathematics	18-03-2008	17/03/2013	15,600 - 39,100 AGP: 6000
Assistant Professor (stage II)	Mathematics	18/03/2013	17/03/2018	15,600 - 39,100 AGP: 7000

Assistant Professor (stage II)	Mathematics	18/03/2018	Till date	15,600 - 39,100 AGP: 8000
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5. Period of teaching experience:

U.G. Classes (in years) : 27 Years

6. Academic Staff College Orientation / Refresher Course/ ISTE - AICTE Sponsored STTP/SBP :

Name of the Course	Place	Duration	Sponsoring agency
Orientation Course	ASC, Dr. BAMU, Aurangabad	02/11/1998 to 30/11/1998	UGC
Refresher Course	ASC, Dr. BAMU, Aurangabad	05/08/2002 to 27/08/2002	UGC
Refresher Course	ASC, Dr. BAMU, Aurangabad	20/02/2006 to 11/03/2006	UGC
Refresher Course	ASC, Dr. BAMU, Aurangabad	09/11/2010 to 29/11/2010	UGC
FDP	Savitribai Phule Pune University, Pune	6/05/2019 to 12 /05/2019	UGC, HRDC
National level FDP on Scientific and Technical Writing Tools	Dept. of Elect. Engineering, Sanjay Ghodawat University, Kolhapur	06/01/2020 to 11/01/2020	Electronics and ICT Academy, PDPM IITDM Jabalpur
Three days FDP ON ‘ Fuzzy Mathematics and its Applications’,	Government College, Daman	11/07/2020 to 13/07/2020	Government College, Daman
One week International FDP on ‘Application And Implements of Mathematics’	Hindustan College of Engineering and Technology, Coimbatore	17/08/2020 to 23/08/2020	Hindustan College of Engineering and Technology, Coimbatore
Ethics and values for higher educations	Asia Plateau Pacnchgani, Satara	05/01/2023 to 13/01/2023	Initiatives of Change, Pacnchgani

7. List of publications :

Sr. No.	Title of the paper	Name of the Journal	Impact Factor, if any	Volume No./ISSN No
1	Paryavarniy Asantulan Se Utppana Akal	Proceeding, 2013	2013	ISBN 9789383192-47-2
2	हुंडाप्रथा:कारणे, वास्तव, परिणाम व उपाय	Power of Knowledge, 2017	Peer Reviewed	2320-4494

3	Investigation of structural and magnetic properties of TiO ₂ supported Zinc ferrite	Aarhat Multidisciplinary International Education Research Journal, 2018	Peer Reviewed IF 5.18	2278-5655
4	Ancient Indian Contributions Towards Mathematics	Review Of Research, 2018	Peer Reviewed IF 5.7631	8
5	Various Expansion Methods For Few Fractional Differential Equations as Solution	Review Of Research, 2018	Peer Reviewed IF 5.7631	8
6	Solutions for nonlinear Caputo fractional differential equations	Current Global Reviewer, 2020	Peer Reviewed IF 7.139	2
7	Nonlinear System Of Boundary Value Problem Involving ψ -Caputo Fractional Derivative	Journal of Mathematical Control Science and Applications, 2021	Scopus indexed	ISSN:0974-0570
8	Existence And Uniqueness Of A Solution For First Order Nonlinear Liouville ψ -Caputo Fractional differential equations	Nonlinear Functional Analysis and Applications, 2021	Scopus indexed	ISSN:1229-1595
9	Qualitative Properties Of Solutions Of Nonlinear Boundary Value Problem Involving ψ -Caputo Fractional Derivative	Journal of Mathematical and Computational Science, 2021	Scopus indexed	ISSN:1927-5307
10	Studies On Monotone Iterative Technique For Nonlinear System Of Initial Value Problems	Journal of The Chungcheong Mathematical Society, 2022	UGC-CARE	ISSN:1226-3524
11	Solutions Of Higher Order Singular Nonlinear $(l - 1, 1)$ Conjugate-type Fractional Differential Equations With Lower-Upper Solution	Journal of Nonlinear Analysis and Optimization, 2022	UGC-CARE	ISSN: 1906-9605

8. Paper presented in conferences/ seminars :

Sr. No	Title of Paper	Title of Conference/ Seminar	Organized by
1	Contribution of Ancient Indian Mathematicians Towards Mathematics	National Conference on Recent Advances in Mathematics	Kesharkaku ASC College, Beed, 21-23 Jan. 2016,
2	Reputation Of Green Approach For The Synthesis Of Nanomaterials	International conference on Current Trends in Science, Social Sciences and Management at Kaula Lumpur	Kaula Lumpur, 6-11 Nov. 2016
3	हुंडाप्रथा:कारणे, वास्तव, परिणाम व उपाय	National conference on The problem of Dowry: Challenges and Remedies	Sunderrao Solanke Mahavidyalaya, Majalgaon, 11/09/2017

4	Investigation of structural and magnetic properties of TiO ₂ supported Zinc ferrite	National conference on Innovative Research in Physical, Chemical and Life Sciences organized by	M. S. Shinde Mahavidyalaya, Tisangi, 24/02/2018
5	Studies on Monotone Iterative Technique for Nonlinear System of Initial Value Problems	2 nd International Conference on Mathematical Modeling, Applied Analysis and Computation	JECRC University, Jaipur, Rajasthan , 8-10 Aug. 2019
6	Various Expansion Methods For Few Fractional Differential Equations as Solution	National Conference on Recent Trends in Mathematics and Applications	Yeshwantrao Chavan Mahavidyalaya, Tuljapur, 11/03/2020
7	Existence And Uniqueness Of A Solutions For First Order Nonlinear Liouville-Caputo Fractional Differential Equations	Presented paper on 'International e-Conference Nonlinear Analysis and its Application.' (e-ICNAA 2020)	Department of Mathematics, Dayanand Science College, Latur-413512, Maharashtra, INDIA ,27 th – 29 th July 2020
8	Iterative Technique For Nonlinear Coupled System of Initial Value Problem Involving -Caputo Fractional Derivative	Presented paper on '4 th International e-Conference on Recent Advances in Mathematical Sciences and Applications	Department of Mathematics and Gayatri Vidya Parishad- Prof. V. Lakshmikantham institute for Advanced Studies and Gayatri Vidya Parishad College of Engineering, Madhurwada, Visakhapatnam, INDIA, 21 st – 24 th December, 2021
9	'Solutions of Higher Order Singular Nonlinear (1- 1; 1) Conjugate-type Fractional Differential Equations with Lower-Upper Solutions'	International Conference on 'Fractional Calculus-2022'	School of Mathematics and Statistics, University of Hyderabad, 18-19 January 2022.
10	Bhartiya Bhasha, Kala Aur Sanskruti: Punarjivan Ki Pahal	One day national conference	Jawahar ASC College, Anadur, 21 May 2022

9. FDP/conferences/ seminars /workshops Attended:

Sr.No	Event name	Date	Orgnized by
1	National Seminar on Water Pollution And Waste Management for Natural Resources Conservation	2013	Jawahar Arts Science and Commerce College, Anadur
2	State level conference on 'Mathematics for all Sciences	2013	C. B. Khedgi's Basaveshwar Science College, Akkalkot
3	National Level Conference on 'Recent Trends in Mathematics'	27-28 Sept. 2014	R. P. College, Osmanabad
4	International Conference on 'History and Development of Mathematics'	27-30 Nov. 2014	Savitribai Phule Pune University and Indian Society for Mathematics
5	National conference on Recent Trends in Mathematics	15-16 July 2016	TISS, Tuljapur

6	International conference on Current Trends in Science, Social Sciences and Management	6-11 Nov. 2016	Kuala Lumpur, Malaysia
7	National seminar on Interdisciplinary Science	25 Jan. 2017	Baburao Patil College of Arts and Science, Anagar
8	CSIR sponsored National workshop on Mathematical Softwares	28-29 July 2017	Tata Institute of Social Sciences, Tuljapur
9	State level conference on Environmental Conservation	8 Oct. 2017	A. S. C. College, Naldurg
10	National seminar on Empowering Students through Effective Teaching-Learning Practices	16 Dec. 2017	D. A. V. Velankar College of Commerce, Solapur
11	One day workshop on Human Rights	10 Jan. 2018	Jawahar ASC College, Anadur
12	State level conference on Women Empowerment after Independence	12 Jan. 2018	ASC College, Naldurg
13	State level conference on Recent Trends in Pure and Applied Mathematics	01 Feb. 2018	ASC College, Naldurg
14	Two Day workshop on Latex: A Document Preparation System	15-16 March 2019	Attended
15	State Level Conference on Mahila Sablikaran: Disha And Dasha	17 Jan. 2019	ASC College, Naldurg
16	Two days conference on Gramin Mahilache Sakshmikaran: Aavhane and Upay	25-26 Sept. 2018	Maharashtra State Commission for Women, Mumbai and SKM, Gunjoti
17	State level seminar on Gender Equality and Women Empowerment: Issues and Challenges	1 Dec. 2018	Maharashtra State Commission for Women, Mumbai and Vasantao Kale Mahavidyalaya, Dhoki
18	State level conference on Mahila sablikaran: Disha and Dasha	17 Jan.2019	Dr. BAMU and Arts. Science and Commerce College, Naldurg
19	National level workshop on Latex: A Document Preparation System	15-16 March 2019	Shivaji University, Kolhapur and Sanjay Ghodawat Group of Institutions, Atigre, Kolhapur
20	FDP of Mathematics	6-12 May 2019	Pune University
21	Certificate for completion of LaTeX Training	05/05/2020	NBN Sinhgad College of Engineering, Kegaon, Solapur and IIT Bombay
22	National level webinar on Roll of WIPO in Preservation of Intellectual Property	08/05/2020	Dayanand college of Law, Latur,
23	National level webinar on Research Ethics	10/05/2020	Indraraj ASC College, Sillod

24	Online workshop on Learning Management System (LMS) Based on Moodle: To Enhance Students Learning Activities	21/05/2020	Jawahar ASC College, Anadur
25	National level webinar on Teaching through Google Classroom	26/05/2020	Gujarat Commerce College, Ell20isbridge, Ahmedabad
26	State level workshop on The online Procedure to be Followed for Admissions and Examinations	01/06/2020	Adv. B.D. Hambarde, College, Ashti
27	National Webinar' Exam From Home; An Alternative Assessment and Evaluation Model in the wake of Covid-19	03/06/2020	Jawahar ASC College, Anadur
28	National webinar on Learn LaTeX; To Lead the Latest	18/06/2020	Shri. R. R. Lahoti Science College, Morshi
29	State level workshop on The Online Procedure to be Followed For Admissions and Examination	11/06/2020	ASC College, Naldurg and MKCL
30	National workshop on LaTeX for Beginners	22-23 /06 /2020	PC College of Engineering, Pune
31	National webinar on ICT Enabled Science Education In India	28/06/2020	GAD Teaching Learning Centre, SGTB Khalsa College, MHRD and Telangana Academy of Sciences, Hyderabad
32	Three day FDP ON ' Fuzzy Mathematics and its Applications'	11-13/07 /2020	Government College, Daman
33	National webinar on Ozone Depletion; Human Activities	16/07/2020	Dept. Geography, Shri Shivaji College, Omerga
34	National level Webinar on 'Outcome Based Education'.	20/07/2020	S.K.M., Gunjoti
35	National level webinar on Advances in Mathematics	24-26/07 /2020	S.K.M., Gunjoti
36	National level webinar on Impotence of Digitalization and Online Documentation For NAAC Accreditation and NIRF Ranking	29/07/2020	Jawahar ASC College, Anadur
37	National level webinar on Interdisciplinary Approach in Research (Change in Mind Set)	05/08/2020	VPM's B.N. Bandodkar College of Science, Thane
38	National level webinar on COVID-19 : Roll of Administration and Civilians	02/08/2020	V.G. Shivdare, ASC College, Solapur
39	One week international FDP on 'Application And Implements of	17-23/ 08/ 2020	Hindustan college of Engineering and

	Mathematics'		Technology, Coimbatore
40	National Webinar on Mathematics	29/08/2020	Dept. of Mathematics, Satara Zilha Adhyapak Madal, Satara
41	National online Seminar on 'Applied Mathematics'	09/09/2020	Balwant College, Vita
42	National level webinar on 'Fractional Calculus and Dynamical Systems'	12/09/2020	Jaysingpur College, Jaysingpur.
43	National level webinar on 'Finding Mathematics'	24/12/2020	Milliya AS and Management Science College, Beed,

10. **Membership/Fellowship of Professional Societies/Bodies :**
* Life Member of Marathwada Mathematical Society, Aurangabad

11. **Participations in various committees:**

Sr. No.	Committee	Duration
1	Add On Courses	Convener
2	Library Committee	Member
3	Women's Redressal Committee	Member
4	Academy for Competitive Exam	Member
5	Late Sou. Shantakaki Alure Women Empowerment Cell	Member
6	Science Association and Nature Club	Member
7	Student Welfare Committee	Member
8	Timetable Committee	Member
9	Sports Committee	Member
10	NAAC Criterion-II (TLE)	Member

12. **Blood Donation : 03**

13. **Extra-Curricular and Co-Curricular Activities:**

Sr. No.	Nature of Work	Duration
1	Team Manager, University Youth Festival, Jalana	1998
2	Member of Affiliation Committee at Vaidyanath ASC College, Parali, 06/03/2008	2008
3	Member of Affiliation Committee at Arts and Science College, Sirsala,	2014

	28/04/2014	
4	Member of Affiliation Committee at Arts and Science College, Sirsala 07/04/2015	2015
5	Team Manager, University Youth Festival, Aurangabad	2015
6	Team Manager, University Youth Festival, Tuljapur, 19-22 Sept. 2016	2016
7	Team Manager, University Youth Festival, Aurangabad	2018

14. Subject Expert:

Sr. No.	Nature of Work
1	Subject Expert for the selection of Teacher at Mahatma Phule Shikshan Prasarak Mandal, Jalkot, Tq. Tuljapur, 14/06/2009
2	Subject Expert for the selection of Assistant Professor at Madhushali Arts, Science and Commerce College, Salgara (D), 08/06/2019
3	Subject Expert for the selection of Assistant Professor on CHB at Arts, Science and Commerce College, Naldurg, 14/07/2019
4	Subject Expert for the selection of Assistant Professor on CHB at Arts, Science and Commerce College, Naldurg, 2021
5	Subject Expert for the selection of Assistant Professor on CHB at Arts, Science and Commerce College, Naldurg, 2022

15. Exam Work:

Sr. No.	Nature of Work
1	Worked as a member of Question Paper Setting
2	Assessment of Answer Books of University Exam from 2012 to Till Date
3	Invigilation/ Supervision of University Exam from 1995 to Till Date
4	Worked as a Chairman of University Flying Squad, 12 to 26 March 2013
5	Worked as Understudy for University Exam Oct/Nov. 2019