

BIO-DATA

Name : **GHUGE VIJAYMALA TANAJI**
Name of the college : **Rashtramata Indira Gandhi College, Jalna.**
Subject : **Mathematics**
Designation : **Assistant Professor**
Date of birth : **17/03/1978**
Date of appointment : **01/10/2003**
Category : **Vanjari**

Address : **Plot No-23, Shiv nagar, old Jalna.**
Near Ghati Hospital, Jalna – 431203

Contact No. : **Mob.7057334972**
E-mail ID : **v.t.ghuge@gmail.com**
Teaching-Experience U.G.Level : **19 years**
: **19 years**
Educational Qualification :

Examinations	Name of The Board/ University	Year of Passing	Percentage of marks obtained	Division /Class/ Grade	Special/ Optional Subjects
S. S. C.	Aurangabad	Mar- 1993	82.00	Distinction	Marathi, sanskrit English, Science, Maths, Social Sciences
H. S. C.	Aurangabad	Mar- 1995	71.00	First	English,sanskrit,math.,phy ,che. economics
B.Sc.	Dr. B.A.M.U. Aurangabad	April- 1998	70.24	First	Math., phy., che.
B. Ed	Dr. B.A.M.U.	Mar-	72.00	First	Math., Sci.

	Aurangabad	2000			
M.Sc.	Dr. B.A.M.U. Aurangabad	April- 2002	61.75	First	Mathematics
M.phil.	Algappa university, karaikudi.	28/09/ 2007	68	First	Mathematics

Orientation Course & Refresher Course :

Name of the Course/Summer School	Place	Duration	Sponsoring Agency
111 th Orientation course	Aurangabad	25/04/2016 to 20/05/2016	ASC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Refresher Course in Basic science	Aurangabad	29/08/2016 to 20/09/2016	ASC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Refresher Course in Environmental studies	Aurangabad	03/03/2018 to 22/03/2018	ASC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
FDP of one week on Applied Geometry (Mathematics)	Pune	06/05/2019 to 12/05/2019	Savitribai Phule University, Pune.

Refresher Course in Disaster Management (ID)	Aurangabaed	01/01/02020 to 13/01/2020	ASC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Short- Term Course On Use of MATLAB In research	Sagar	18/01/2021 to 23/01/2021	HRDC Doctor Harisingh Gour Vishwavidyalaya,Sagar.MP.

Published Book :

1. "Fundamentals of mathematical analysis" – **Ghuge** Vijaymala Tanaji and Dr.Santosh Deshpande.Oxford Publication,Keya Inernational press.Jaipur.
ISBN No:9789355240460
2. "Fundamentals of mathematical logic" – **Ghuge** Vijaymala Tanaji and Dr.Santosh Deshpande.Oxford Publication,Keya Inernational press.Jaipur.
ISBN No:9789355240453

Published Paper's in Journals:

Sr.No.	Paper name.	Academic year and Authors	ISSN/ISBN No.	Research journals .
1	Understanding quadratic functions and solving equations an analysis of students thinking and Reasoning.	2010-2011 single	ISSN 0976-0377	Interlink research analysis. International Journal.
2	Understanding quadratic functions and solving equations and analysis of students thinking and Reasoning.	2011-2012 single	ISSN 2229-4406	Universal research analysis. International Journal.
3	Analysis of ground water quality a case study of jalana City	March - 2014 single	ISSN 2230-7850 Impact factor-	Indian streams research journal

	district Jalna of Maharashtra.		2.1506	
4	Global warming as global warming and global change.	Feb -2016 single	ISSN 2319-4766	Scholarly research journal.
5	Random fixed point theory for weakly contractive non-self mappings.	Dec-2017	ISSN 2319-8648 Impact factor-2.143	ICAS-17 International Journal. UGC approved sr no.64310
6	Attractivity results for quadratic functional differential equation.	Feb -2019 single	e-ISSN-23947780 Impact factor-7.36	IJAIR International Journal.
7	Application of classical hybrid fixed point theory to investigate some results for quadratic functional differential equation.	Jan-2020 single	ISSN-2394-5303	Printing area International Journal.
8	Progressive thoughts in Maharashtra and need of social enlightenment of OBC's.	Feb-2020 single	ISSN-2278-9308 Impact factor-7.675	B.ADHAR International Journal.
9	Dielectric properties of arbad saline soil at 5.2 GHz.	8/02/2020		A Glimpse of differential equations in science and engineering.
10	To study graphically dielectric properties of arbad saline soil at 5.2 GHz.	04/02/2020	ISSN 0474-9030	Our Heritage (UGC CARE LISTED)
11	Statistical survey of women in higher education in India.	March-2020	ISSN-2278-9308 Impact factor-7.675	B.ADHAR International Journal.

12	Covid-19 x-ray images classification based on enhanced fractional order.	2020-21	ISSN 2349-638X	Aayushi AIIRJ International Journal.
13	Feature based distance measurement approach for detection verification and authentication of individual.	April 2021	ISSN 2230-9578 Impact factor	JORD International Journal.
14	Development of neural fractional order with neural network.	2021-2022	E-ISSN2348-7143	International Research Journey.
15	Covid19 image classification using deep features and fractional order algorithm.	2021-2022	E-ISSN 2278-0661,P-ISSN 2278-8727	International Journal.
16	Mathematical aptitude in marathwada secondary school students by using tests	2022-23	ISSN-2395-6011 online ISSN:2395-602 Wwwijsrst.com	International journal of scientific research in sci&technology,IJSRST
17	Fractional order modeling of respiratory mechanics and lung function in chronic observative pulmonary Disease (COPD)	2022-23	ISSN-0973-0087 UGC care approved group I	Rabindra Bharati Journal of phylosophy

Participation and Paper Presentation In Conferences :

Sr.No.	Paper name.	Academic year	National/International	Organised by
1	Solution of partial	10-	National	J.E.S.College,Jalna.

	differential equation by Adomin Decomposition Method	12/01/2011		
2	participated	27-28/09/2014	National	R.P.College Osmanabad.
3	Random fixed point theory for weakly contractive nothing mapping mappings.	26-27/12/2017	International	Shri Kumarswami Mahavidyalya,Ausa
4	Attractivity results for quadratic functional differential equation.	16/02/2019	National	R.B.Attal College Georai
5	Progressive thoughts in Maharashtra and need of social enlightenment of OBC's.	11/02/2020	National	Jalna college of social work Jalna.
6	Dielectric properties of ambad saline soil at 5.2 GHz.	8/02/2020	National	Sharadchandra Arts,com,and science college,Naigaon.
7	To study graphically dielectric properties of nanded saline soil at 5.2 GHz.	04/02/2020	National	Sundarraon solunke Mahavidyalya,Majalgaon.
8	Statistical survey of women in higher education in India.	11 March-2020	National	Jalna college of social work,Jalna.
9	Covid-19 x-ray	2020-21	International	

	images classification based on enhanced fractional order.			Bharti Vidyapeeth,sDr.Patangrao Kadam Mahavidyalaya Sangli.
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Participation and paper presentation in seminars:

1. Participated in seminar organized by Dr.B.A.M.U.A,bad and Vishakha committee.29/03/2012
2. Participated in seminar organized by Badrinarayan Barwale College,Jalna.on programme for teachers on student-centric relationship in education.28/12/2018

Workshops:

1. Attended workshop on "Mathematical softwares" organized by Science college Nanded 20-21/01/2017.
2. Attended university level one Day workshop on "Maharashtra University Act.2016" organized by Badrinarayan Barwale College Dist. Jalna on 01 July 2017

Organize:

1. One day National webinar on IPR And Patent Filling.in my college R,M,I,G,College Jalna.on 13/06/2020.

Participation in Academic Curricular/Co-curricularActivities:

- Worked and attended as a N.S.S.programme from 2003 to till in this period participated in various activities like Health Camp, AIDS Camp Voluntary work, Jal Dindi, Literacy week, Cleanness camp,blood donation camp,various activity.
- Worked as a member on Admission Committee in senior as well as junior college.
- Worked as a Chairman in Avishkar, member in anti ragging committee,annual planning committee.
- Working as amember of IQAC,NACC,AAA,Scholarship,Result ,internal evaluation committee.
- Worked as chief supritendent in exam from2019-to 2022
- Worked as member of institute Bhagwan Shikshan Prasarak Mandal ,Georai.
- Worked as Subject Expert for interview in college as well as other places.

- U.G. Exam Assessment, invigilation work since 2003, U.G. Exam. Paper setting work
- Working in cultural programme organized in college.