

CURRICULUM VITAE

1. PERSONAL PROFILE:

Name : NALAWADE NILESH BALASO
Father Name : BALASO VISHNU NALAWADE
Gender : MALE
Date of Birth : 28/09/1991
Marital Status : MARRIED
Religion : HINDU
Category : OPEN
Conversant in :
Address for Communication : JF3-J WING SILWER WOODS
SOCIETY, KARAD
Mobile No. : 9730372457
E-mail ID : nileshnalawade0310@sgm.edu.in
Employment Reg. No. :



2. EDUCATIONAL QUALIFICATION:

Degree	Name of Institute / College	University	Year of Passing	Grade
Ph.D. Pursuing	Nilkamal School of Mathematics, Applied Statistics & Analytics	NMIMS, Mumbai	---	---
NET	CSIR- UGC	CSIR- UGC	2017	All India Rank 37
M.Sc.	Willingdon College, Sangli	Shivaji University, Kolhapur	2014	A+
B.Sc.	Yashvantrao Chavan Institute of Science, Satara	Shivaji University, Kolhapur	2012	A++
12 th	SHJC, Pusegaon	State Board Maharashtra	2009	B++
10 th	SNVM, Budh	State Board Maharashtra	2007	A+

3. EXPERIENCE:

Designation	Name of Institution / Organization	Period of Service		Experience (Years & Months)
		From	To	
Asst. Professor and Head	Sadguru Gadge Maharaj College, Karad (Empowered Autonomous)	June 2025	continue	
Asst. Professor	Karmaveer Bhaurao Patil College, Vashi (Empowered Autonomous)	July 2020	June 2025	5 Years
Asst. Professor	Yashvantrao Chavan Institute of Science, Satara (Autonomous)	July 2014	July 2020	6 Years

Total Teaching Experience: **11 years & 00 Months**

4. BOOK PUBLISHED: 01

Sr. No	Authors	Book Title	ISBN NO	Publisher	National/ International
1.	N. B. Nalawade D. J. Bhosale Trupti Mohite	Logic and Data Interpretation-II	978-93-6109-443-9	Nirali Publication (Book Available online at Amazon, Flipkart)	National

5. PATENTS PUBLISHED: NIL

6. AWARDS AND ACHIVEMENTS:

- Outstanding Student Award by Yashvantrao Chavan Institute of Science, Satara in 2018.
- **Academic Pursuit:** Qualified CSIR-NET (Council of Scientific and Industrial Research – National Eligibility Test) with All India Rank 38

7. RESEARCH PAPER PRESENTED: 03

8. RESEARCH PAPER/ REVIEW ARTICLE PUBLISHED: 08

Sr No	Authors Names	Paper Title	Year	Name of the Journal/ Name of the Conference
1.	N. B. Nalawade , M. S. Bapat, S. G. Jakkewad, G.A. Dhanorkar, D. J. Bhosale	Structural Properties of Zero divisor Hypergraph and Superhypergraph Over Z_n : Girth and Helly Property.	2025	Panamerican Mathematical Journal ISSN: 1064-9735 Volume 35 Number 4s (2025)
2.	S. G. Jakkewad, N. B. Nalawade , R. G. matkar and V. Murugan	Structural Properties of Zero divisor Graphs of Z_r s (where r and s are primes with $r < s$) : Analysis of Cartesian and Tensor products with Applications	2025	Panamerican Mathematical Journal ISSN: 1064-9735 Volume 35 Number 2s (2025)
3.	N. B. Nalawade and D. J. Bhosale	Characterizing the Girth of Hypergraph and Superhypergraph of Zero Divisors in Z_n	2025	National Conference on Applicable Mathematics at the Department of Mathematics Shivaji University, Kolhapur
4.	G. A. Dhanorkar, N. B. Nalawade and S. G. Jakkewad	Harnessing Statistical Models for Enhanced Crop Production Forecasting	2025	International Journal of Advance and Applied Research 6(19), 2025.
5.	N. B. Nalawade	Harnessing Statistical Models for Enhanced Crop Production Forecasting	2025	Two Days National Seminar Sponsored by ICSSR, New Delhi. Towards 2047: Achieving Sustainable Growth and an inclusive Future for ' Viksit Bharat' 11 th March and 12 th March 2025.
6.	N. B. Nalawade , G. A. Dhanorkar and Pooja Patil	Linear Algebra and its Image processing using Python	2023	TOJDEL, The Online Journal of Distance Education and e-Learning.
7.	N. B. Nalawade	Use of Symmetry in group for image processing using Python	2023	11th National Conference on Entrepreneurship - Innovations, Technology, and Sustainable Solutions for Society during 16th and 17th June 2023 at VIIT Baramati.
8.	Gajanan Dhanorkar Nilesh Nalawade Shrikant Jakkewad Dattatray Bhosale	Partial Metric Space with Modulation of Fixed Point Theorems in Generalized Contractions Mapping	2022	Webology ISSN: 1735-188X Volume 19, Number 2, 2022

9. SEMINAR / CONFERENCE/ WROKSHOP ATTENDED:

Sr. No	Date and Year	Type of Activity	Name of the Conference/Workshop/Webinar/Training/FDP/Refresher Attended
1	17/03/2025	Workshop	Swayam Workshop Integration and Implementation of Swayam Courses Organized by UGC and SPPU, Pune on 17 th March 2025
2	03/03/2025 to 04/03/2025	Conference	National Conference on Applicable Mathematics-2025 March 3-4, 2025 Organized by Shivaji University, Kolhapur
3	27/01/2025 to 01/02/2025	Short Term Course	Short Term Course on E- Content Development organized by University of Mumbai, Malviya Mission Teachers Training Centre from 27 Jan 2025 to 01 Feb 2025
4	12/06/2024 to 14/12/2024	Short Term Course	Swayam Short Term Course 16 Weeks MCO-03: Research Methodology And Statistical Analysis organized by Indira Gandhi National Open University, New Delhi
5	24/10/2024 to 26/05/2024	Organized Workshop	Organized LaTeX For Beginners 40 hours Value added Course for PG Students on 24 October 2024 to 26 May 2024
6	03/10/2024	Organized Workshop	Workshop on Subject Teachers for NEP 2020 Compliant Syllabus and Curriculum through Board of Studies, UGC Malviya Mission Training Centre, University of Mumbai on 3 rd October 2024
7	16/04/2024 to 27/04/2024	Organized Training	Conducted Advanced Excel Training Progeamme for PG Students 16 th April 2024 to 27 April 2024
8	14/03/2024	Organized	Organized International Mathematics Day 2024 Program on 14 March 2024
9	20/01/2024	Organized	Organized National Mathematics Day 2023 as Mathematics in perspective, 20st Jan 2024 at KBP College, Vashi

10	27/05/2023	Conference	The National Conference on Abstarct, Applied and Computational Mathematics (NCAACM) Organised by N B Navale College, Solapur on 27 May 2023
11	08/05/2023 to 18/05/2023	Refresher Course	Ten Days National Level Refresher Program 2023 organised by IOT Academy, Tamilnadu on" Basics of Teaching, Learning and Research in HEI's" from 8th May to 18 May 2023
12	26/10/2022	Webinar	National Level Webinar on "Investment Awareness Program" conducted by Ambition Learning Solutions in association with BFSI Sector Skill Council of India and Karmaveer Bhaurao Patil College, Vashi (Autonomous).
13	12/09/2022 to 24/09/2022	Refresher Course	Refresher Course in Mathematics organised by UGC-Human Resource Development Centre, University of Hyderabad held during 12.09.2022 to 24.09.2022.
14	29/08/2022	Webinar	State Level Exclusive online Webinar on HIV/AIDS Organised by Maharashtra State Aids Conntrol Organisation and Maharashtra State NSS Cell collaboration with SST Ulhasnagar, Mumbai
15	20/08/2022	Workshop	One Day Workshop on Infosys Springboard Project Organized by The Regional Joint Director, Higher Education Kokan Region, Panvel and Aadarsh College of Arts and Commerece Badalapur , Dist- Thane
16	18/08/2022	Workshop	NSS Cell University of Mumbai in Collaboration with SST College Thane Planiiing Session 2022-2023 District Thane
17	17/08/2022	Training	IP Awareness/Training Program under National Inttellectual Property Awareness Mission on 17 August 2022
18	27/07/2022 to 03/08/2022	FDP	Ministry of Youth Affairs and Sports NSS Empanelled Training Institution, India Ahamednagar College, Ahemednagar from 27 July 2022 to 03 August 2022
19	03/02/2022	Conference	One Day International Conference on Computational Mathematics (ICCM-2023) Organised by SGM College,

			Karad on 3rd February 2022
20	18/01/2022 to 19/01/2022	Conference	Two Days National Conference on Role and Contribution of Students and Youth Movements in Nation Building during Pre and Post- Independence Era organized on virtual platform by Prof. Bal Apte Centre for Studies in Students and Youth Movements, University of Mumbai on January 18- 19, 2022.
21	11/02/2022 to 15/02/2022	FDP	AICTE Training and Learning (ATAL) Academy Online Faculty Development Programme (FDP) Training Programme on Computational Mathematics using Computer Algebra Systems with Applications to Machine Learning (11th – 15th February 2022)Organized by Department of Mathematics, Institute of Chemical Technology, Mumbai
22	03/03/2021 to 04/03/2021	Training Program	Two days Teacher's Training Workshop on Microsoft Excel organized by KBP College, Vashi on 3rd and 4th march, 2021.
23	21/12/2021 to 23/12/2021	Workshop	MS-DEED Level 1 Online Workshop on Introduction to Innovative Pedagogies for Science & Mathematics Undergraduate Teachers from 21st to 23rd December 2021.
24	24/07/2021	Conference	Attended National e-conference "Recent trends in Pure and Applied Mathematics" '(NCRTPAM-2021) on 24th July 2021, organised by N B Navale Sinhgad college of Engineering, Solapur.
25	3/03/2021 to 04/03/2021	Workshop	Two days Teacher's Training Workshop on Microsoft Excel organized by KBP College, Vashi on 3rd and 4th march, 2021.
26	26/11/2020	Webinar	Organize Webinar on " National Constitutional day " 26/11/2020 at 06.00pm
27	19/10/2020 to 24/10/2020	FDP	One Week Faculty Development Program on "Academic and Professional Development" from 19th to 24th October, 2020.
28	15/10/2020	FDP	FDP on Academic and Professional Development

29	13/10/2020	Workshop	Participation and creating awareness of Spit free India Movement through quiz link as per the request of Samarth Health Foundation & District NSS Coordinator.
30	14/10/2020	Webinar	Attend webinar on Fuzzy Mathematics and Future Directions held on 14 Oct 2020 Organised by the Department of Mathematics Govt College Tangmarg(J&K)
31	26/09/2020	Webinar	Participating in National Webinar on Technological Trends in Mathematics and Statistics (TTMS-2020) organized by Department of Mathematics and Statistics on 26th September 2020
32	25/09/2020	Webinar	NSS Department, University of Mumbai with Sambandh Health Foundation is Organising a Webinar for all the Program Officers on The Impact of Tobacco on Covid-19 & Spit Free India Movement.
33	12/09/2020	Webinar	Attend the webinar on National Educational Policy
34	12/09/2020	Conference	Attend International Conference on Nature Inspired Dynamical System-2020. Attend National Webinar on Fractional Calculus and Dynamical System
35	09/09/2020	Webinar	Attend national webinar on New assesment & accreditation process of NACC for affiliated govt ug & pg colleges
36	08/09/2020	Webinar	Attend the National Webinar " Dilemmas of Parenting during Pandemic"
37	01/09/2020 to 30/09/2020	Oreintation	Faculty Induction Training/Orientation Program(MHRD-PMMMNTT & Ramanujan College) Date from 1/9/2020 to 30/9/2020 Inauguration ,Session-I. Roles & Responsibility of teachers(Part I)
38	31/08/2020	Seminar	National E-seminar on "The role of mathematics & Computer Science in AI & ML "organized by Krishna Mahavidyalay Karad.
39	20/08/2020	Workshop	National online workshop on "E-Teaching" organized by Brajrajnagar College,Brajrajnagar,Odisha
40	19/08/2020	Workshop	One day workshop on FYBSC Syllabus organized by

			Department of Mathematics, University of Mumbai and Ruparal College, Mumbai on 19th August, 2020.
41	25/05/2020 to 05/06/2020	Workshop	Two-week MHRD workshop on e-learning to e-training: A comprehensive guide for all your administrative work organized by Ramanujan College, Delhi from 25th May – 5th June, 2020.
42	15/05/2020 to 17/05/2020	Conference	International E-Conference on “Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World” organized by Government Vidarbha Institute of Science & Humanities, Amravati, India on 15th - 17th May, 2020.
43	23/05/2020 to 29/05/2020	FDP	Online Faculty development program on “GEOGEBRA” organized by Department of Mathematics, Willingdon College, Sangli from 23rd May to 29th May, 2020 in association with Spoken Tutorial Project, IIT Bombay, Funded by National Mission on Education through ICT, MHRD, Govt. of India.
44	11/05//2020 to 15/05/2020	FDP	One Week Faculty Development Program on “SCILAB” from 11th May to 15th May, 2020 held remotely by Pillai College of Engineering, New Panvel.
45	28/04/2020 to 2/05/2020	FDP	Faculty development program on Latex organized by Department of Civil Engineering, RMD Sinhgad School of Engineering, Warje From 28th April to 2nd May 2020 in association with Spoken Tutorial Project, IIT Bombay, Funded by National Mission on Education through ICT, MHRD, Govt. of India.
46	25/04/2020 to 30/04/2020	FDP	One Week Faculty Development Program on MOODLE Learning and Management System through virtual mode organized by Vivekanand College, Kolhapur on 25 to 30 April 2020.
47	01/03/2020 to 02/03/2020	Workshop	National workshop on NET/SET in Mathematical Sciences on 1st March – 2nd March, 2020.

10. WORK AS RESOURCE PERSON:

Sr No	Date	Name of the Organization
1	27/01/2023	Guest Lecture on Statistics at Ramsheth Thakur College of Commerce & Science (RTCCS) is situated in the sector no. 33 of Kharghar, Navi Mumbai
2	22/08/2023	Guest Lecture on NET/SET ,Lecture Series organized by SGM College, Karad
3	28/01/2022	Use of latex for scientific mathematical typing, organized by department of mathematics Yashvantrao Chavan institute of Science, Satara 28 January 2022.
4	30/10/2021	Guest lecture on Multivariable calculus II for TY BSc students at KLE college kalamboli on 30th October 2021.
5	01/09//2021	Worked as resource person in Faculty development program organized by Department of Mathematics, Yashvantrao Chavan Institute of Science, Satara on 1st September, 2021.
6	14/08/2021	Worked as resource person in a Workshop organized by Department of Mathematics, Yashvantrao Chavan Institute of Science, Satara on 14th August, 2021.
7	2021	Guest Lecture on LaTeX organized by Yashvantrao Chavan Institute of Science, Satara
8	2017	Guest Lecture on NET/SET ,Lecture Series organized by Willingdon College, Sangli

11.MEMBER OF ORGANIZING COMMITTEE:

Sr. No	Year	Name of the Organization/ Committee
1	AY 2025-2026	Chairman of Board of Studies in Mathematics, Sadguru Gadge Maharaj College, Karad [Empowered Autonomous].
2	AY 2020-2025	Member of Board of Studies in Mathematics, Karmaveer Bhaurao Patil College, Vashi [Empowered Autonomous].
3	AY 2020-2024	Member of Board of Studies in Mathematics, Yashavantrao Chavan Institute of Science, Satara [Empowered Autonomous].
4	Life Time	Member of Indian Mathematical Society.
5	AY 2022- 2025	IQAC Member, Karmaveer Bhaurao Patil College, Vashi

6	AY 2024-2025	Chairmen of ED Cell, Karmaveer Bhaurao Patil College, Vashi
7	AY 2022-2024	Chairmen of Value Added Courses Committee, Karmaveer Bhaurao Patil College, Vashi
8	AY 2024-2025	Nodal Officer (SPOC) Swayam for Karmaveer Bhaurao Patil College, Vashi
9	AY 2020-2023	NSS Program Officer, Karmaveer Bhaurao Patil College, Vashi

12.OTHER

Sr. No	Year	Minor Research Projects/ Supervised MSc Projects
1	AY 2023-2025	Minor Research Project of Rs 2 Lakh funded by Rashtriya Uchchar Shiksha Abhiyan under RPEC, KBPC, Vashi Titled : Structural Properties of Zero Divisor Hypergraph and Superhypergraph over \mathbb{Z}_n : Girth and Helly Property.
2	AY 2023-2024	Mathematics in Economics: Marginal Analysis using Derivatives
3	AY 2024-2025	Structural Properties of Zero Divisor Hypergraph and Superhypergraph over \mathbb{Z}_n
4	AY 2024-2025	The Comparative Study of Social Maturity among College Students
5	AY 2021-2022	Application of Algebra in Image Processing
6	AY 2021-2022	Analysis of different Fuzzy Logic in Image Processing

Name: Mr. Nilesh Balaso Nalawade