

RESUME

1. PERSONAL DETAILS

Full Name: Dr. Salama Bashirun Mulla

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Address: Plot Number 11, Paymal Vasahat , Jagaruti Nager, Kolhapur

2. EDUCATIONAL QUALIFICATIONS

Exam.	Discipline of specialization	University	Year of passing ng	% Percentage
B.Sc.	Microbiology	Shivaji University, Kolhapur	2003	70.16
Other	MSCIT		2004	72%
M.Sc.	Biochemistry	Shivaji University, Kolhapur	2005	57.21
B.Sc.	Zoology	Shivaji University, Kolhapur	2010	74.33
	B.Ed.	SNDT University. Mumbai	2014	67.00%
	CMLT	Shivaji University, Kolhapur	2015	89%
M.Sc.	Zoology	Kuvempu University, Karnataka	2016	69.81%
Ph.D.	Biochemistry	Shivaji University, Kolhapur	2024	

3. CAREER OBJECTIVE

To utilize my academic knowledge and teaching experience in the field of Biochemistry to contribute effectively to a reputed educational institution. I aim to provide quality education in Biochemistry, develop students' conceptual understanding and practical skills, and actively contribute to academic, laboratory, and research activities while continuously enhancing my professional expertise.

4. PROFESSIONAL EXPERIENCE

S.N.	Name of Course	Post	Name of Institute	Years	Experience (Years)
1	Biotechnology Optional	Head of Department	Vivekanand College, Kolhapur (Empowered Autonomous Institute)	2005 till date	21
2	M.Sc. Biotechnology	Visiting Faculty	Vivekanand College, Kolhapur (Empowered Autonomous Institute)	2022 till date	4
3	(CMLT)	Visiting Faculty	Vivekanand College, Kolhapur (An Empowered Autonomous Institute)	2008-2025	16
4	DMLT	Visiting Faculty	Vivekanand College, Kolhapur (An Empowered Autonomous Institute)	2014-2025	10
5	B.Sc. Nursing	Visiting Faculty	Savitribai Phule College of Nursing, Kolhapur	2012-Till date	13
6	M.Sc. Environmental Science	Visiting Faculty	YCMOU course conducted by Vivekanand College, Kolhapur (Empowered Autonomous Institute)	2021-till date	4 Years
7.	M.Sc. Biochemistry Shivaji University, Kolhapur	Visiting Faculty	Shivaji University, Kolhapur	2025-26	1 Year

5. TEACHING / SUBJECT EXPERTISE

- Biochemistry -Biomolecules
- Biophysics
- Enzyme technology
- Cell biology
- Cell metabolism
- Applied biochemistry
- Gene technology
- Bioinstrumentation

6. RESEARCH EXPERIENCE PUBLICATIONS

1. **Salma H. Nadaf**, Sandip S. Kale, Pranoti N. Kirdat, Naiem H. Nadaf, Padma B. Dandge Ecofriendly and costeffective synthesis of silver nanoparticles by *Bacillus subtilis* NCIM 2010, Journal of Shivaji University: Science and Technology Volume-46, Issue-1, 64-72
2. Pranoti N. Kirdat, Sandip S. Kale, **Salma H. Nadaf**, Sneha N. Lawand, Sharvari P. Takale, Padma B. Dandge. Antibacterial Activity of Nickel Oxide nanoparticles Synthesized from Tulsi (*Ocimum tenuiflorum*) Leaves Extract, Journal of Shivaji University: Science and Technology Volume-46, Issue-1, 56-63
3. Sandip S. Kale, Pranoti. N. Kirdat, **Salma. H. Nadaf**, Suresh S. Kale, Padma B. Dandge. Phytochemical Analysis, in-vitro Antioxidant and Cytotoxicity capacity of *Ipomoea campanulate*, Journal of Shivaji University : Science and Technology Volume-46, Issue-1, 73 -81
4. **Salama H. Nadaf** Naiem H. Nadaf Padma B. Dandge L-glutaminase production from halotolerant isolate of agricultural saline soil published in International journal of African Journal of Biological sciences
5. **Salama H. Nadaf** N.H. Nadaf. Dr. P.B, Dandge “Optimised solid state production of L-Glutaminase and its Pharmaceutical applications presented journal of technology” paper published in Journal of Technology June 2025
6. Dandge P.B, Kulkarni A. S, **Nadaf S. H**, Dandge P.B , Shinge A. J, Rajguru S. V “Phytochemistry and Therapeutic Potential of the Medicinal Plant: Withania coagulans” paper published in International Journal of Ayurvedic and Herbal Medicine 14:6 (2024) 4582-4590 Nv. 2024
7. Suraj S. Kadam , Mahesh P. Mane, Kapil Sinde and **Salama B. Mulla** paper title is “harnessing indigenous knowledge: a review of jeevamrut's role in soil health and crop performance” review article presented in Journal of Science Research International (JSRI) ISSN: 2456 – 6365, November 2025
8. **Dr. Salama Bashirun Mulla** ”Extraction, phytochemical characterization, and bioactive potential of essential oils from clove, cardamom, and nigella sativa” in journal World Journal of Pharmaceutical and Life Sciences 23/11/2025
9. **Salam Harun Nadaf** “ Natural Defence Potential of Syzygium aromaticum Oil Against Microbial and Fungal Pathogens” presented in International Journal for Research in Applied Science & Engineering Technology (IJRASET) December 2025

I. Text book published

1. Practical handbook of practical chemistry and Biochemistry for B.Sc.I am an entire Biotechnology student. In year 2006
2. Text book of Natural resources and Instrumentation for YCMOU in year 2017
3. Text Book of Environmental microbiology, toxicology and environmental chemistry. In year 2017

II. Book Chapter

1. Book Chapter published in Biofuels and Sustainability Life cycle assessment system biology emerging technologies, chapter title- Impact of advanced biofuels on climate change ,publisher Elsevier publishing house London UK published on 25 Oct, 2024
2. Book Chapter published in Innovations and research in science and technology Volume 1 Ethnobotanical diversity of polygala species in India: A comprehensive review and research perspectives . chapter 9, 62-74
3. Inspiration from Natural Biomass utilization system for a sustainable lignocellulic Refinery in Recent trends in Lignocellulosic Biofuels and bioenergy year 2025 submitted

7. Conferences / Workshop/ Seminar attended

S.N.	Details
1	Workshop on Basic techniques in Animal cellculture organized by Workshop on Basic techniques in Animal cellculture year 2004
2	Workshop on Recent trends in Biotechnology sponsored by UGC organized by Department of Zoology, Lal Bahadur Shastri college, Satara year 2007.
3	Workshop on Electrophoresis organized Department of Environmental Science
4	,SUK and Techno source2007
5	Workshop on syllabus unitization for B. Sc. I Biotechnology organized by Department of Biotechnology, SGMcollege, Karad and Shivaji University, Kolhapur. 2007

6	Workshop on syllabus unitization for B. Sc. II Biotechnology, organized by Department of Biotechnology, Vivekanand college, Kolhapur and Shivaji University, Kolhapur.2008
7	National Conference on Life Sciences with respect to Biotechnology and Biodiversity organized by Department of Zoology, Vivekanand College Kolhapur2010
8	Workshop on practical aspect of Biotechnology organized by Department of Biotechnology, Vivekanand college, Kolhapur and BIOERA 2010
9	National Conference on Recent Trends in Non-conventional energy sources. Organized by Department of Chemistry, Vivekanand College, Kolhapur and Dr. D.Y.Patil University, Kolhapur knowledge partner 2010
10	State level workshop on Instrumentation awareness program in researchers to promote research activities at UG level organized by New College, Kolhapur. 2011
11	National Symposium on Recent trends in LifeSciences organized by UGC SAP sponsored and organized by department of Biochemistry, Shivaji university, Kolhapur 2011
12	Workshop on preparation of research project proposal organized by Vivekanand College, Kolhapur 2011
13	Seminar on E. waste management organized by Department of Electronics VCK, Yuvak Biradari Kolhapur. 2013
14	Workshop on molecular biology(X-pert teaching Kits) organized by Himedia and Rajaram College, Kolhapur.2013
15	State level seminar on future and perspective in life sciences (EBPS- 2014) organized by Department of Microbiology , Shivaji university, Kolhapur. 2014
16	One day workshop on revised syllabus of B.Sc. II(Optional / Vocational) and entire Biotechnology organized by Department of Biotechnology , Vivekanand college, Kolhapur 2014
17	One day workshop on revised syllabus of B.Sc.III (Optional / Vocational) organized by Department of Biotechnology Willingdon college,Sangli.2015
18	One day workshop on interdisciplinary research opportunities in life sciences w,r,t, Bioinformatics organized by Department of Biotechnology , Vivekanand college, Kolhapur 2016
19	One day workshop on techniques in molecular biology organized by Department of Biotechnology , Vivekanand college, Kolhapur 2016
20	One day workshop on managing waste for sustainable development organized by Department of Biotechnology , Vivekanand college,Kolhapur 2016
21	Workshop on instrumentation organized by Department of Zoology, VCK 2017
22	One day workshop on “Understanding choice based credit system”24 th June 2018 organized by Vivekanand college, Kolhapur, Autonomous.
23	National Conference on Nanomaterial 21Aug. 2018 Department of Physics, Vivekanand college, Kolhapur, Autonomous

24	National workshop on “understanding the threefourth of Earth (Ocean)”(13 th Oct.2018) organized by Department of Geology,Vivekanand college, Kolhapur, Autonomous.
25	One day workshop on Advances in Biotechnology (9 th Feb 2019) organized by Bioera Pune, and department of Biotechnology, Vivekanand college, Kolhapur, Autonomous.
26	One day workshop on “Intellectual property rights and drafting patents” (19 th Feb 2019) organized by IQSC and Vivekanand college, Kolhapur Autonomous.
27	National seminar on “ Development of QualityCulture in HEIS ” Paper published-Innovating education and Educating for innovation a powerful approach of ICT (15 th March 2019) organized by IQSC and Vivekanand college, Kolhapur Autonomous
28	National conference on Designing your Destiny (NCDYD-2019) – (16 th March 2019) organized by D.Y.Patil College, Department of Microbiology.
29	Two day workshop on “e- content development for Enhancing pedagogical skills” (18 th and 19 th March 2019) organized by Department of computer sciences, Vivekanand college, Kolhapur, Autonomous.
30	Workshop on the New changed CBCS syllabusB.Sc. II Biotechnology (Optional/ Vocational) Theory and practical and worked as Resource person(23 rd Aug 2019) organized by Department of Biotechnology Karad, Yashwantrao Chavan College.
31	One day workshop on “ Framing and Executing learning outcomes”(30 th June 2019)
32	Paper title- Isolation and partial purification of L-glutaminase from halophilic bacteria presented paper in International E-conference on Current Approaches in Life Sciences for Sustainable Development”,19 th and 20 th March organized by YashvantraoChavan Institute of Science, Satara 2021
33	One day workshop on Advances inBiotechnology (9 th Feb 2019) organized by Bioera Pune, and department ofBiotechnology, Vivekanand college, Kolhapur, Autonomous.
34	One day workshop on “Intellectual propertyrights and drafting patents” (19 th Feb 2019) organized by IQSC and Vivekanandcollege, Kolhapur Autonomous.
35	International online Conference onNano materials (ICN2021) 9 TH and 11 th April 2021 presented paper on Ecofriendly production of nanoparticles from Bacillus NCJM and its antimicrobial activity by Kottayam Kerala. India.
36	Paper title- Optimized production of biochemical characterization of L- glutaminase isolated from strain Bacillus halotolerance PHN 1 presented paper in international E- conference SDCSA-2021 16 th -17 th December 2021 organized by Department of Chemistry, Sadguru Maharaj College, Karad presented and got the prize.
37	Online International conference on Advancesin science and technology (ICAST-2022) presented paper on Solid state fermentative production of L- glutaminase by using wheat brane as source 9 th & 10 th March 2022 organized by Rajarshi ChhatrapatiShahu College, Kolhapur

38	International conference in Innovative in lifeScience (ITLS 2022) oral presentation of paper Ecofriendly synthesis of silver nanoparticle and its antimicrobial activity.11 th &12 th March 2022organized by Department of chemistry, Sadguru Gadge Maharaj College, Karad
39	MS-DEED level workshop on Introduction to innovative pedagogies for ug teacher on 4Des to6 Des 2022 organized by Iser Pune Vivekanand college Kolhapur
40	Advanced instrumentation in material science and technology under the scheme of STUTI supported by Hands on training 05/12/2022 - 11/12/2022 organized by Department of science and technology New Delhi and SAIF- DST Shivaji University, Kolhapur.
41	International Conference on “ The new horizons in Lifesciences - 2024ICNHLS-202” Ihe oral presentation on topic L-glutaminase production from halotolerant isolate of agricultural saline soil on 20 th and 21 st March 2024 organized by Yashwantrao Chavan Institute of Science, Satara (Autonomous)
42	FDP attended for 5 days organized by OPJ University
43	National Conference organized by Yashwan rao Chavan WaranaNager College.
44	Online webinar on Molecular docking conducted by Biowave from 20 th to 21 st September 2025
45	International Conference -Lifecon 2026 Bridging Lifesciences and innovation 13 th and 14 th feb 2026 worked as examiner for paper presentation for biotechnology.
46	Online webinar on Molecular docking conducted by Biowave from 20 th to 21 st September 2025

8. Guest Lecture.

Topic of Guest Lecture	Name of Institute	Date and year
Medical Biochemistry	Hirai Institute of Nursing Education. Masur, Karad	Saturday 12/02/2022
Urea Cycle	Rajarshi Chhatrapati Shahu College, Kolhapur	23/11/2022
Photosynthesis	Sadaguru Gadage Maharaj College, Karad	Saturday 23/02/2023
Introduction to Biochemical techniques	Department of Zoology Vivekanad College, Kolhapur. (An Empowered Autonomous Institute)	Monday 22 nd December 2025
Patent and IPR	Online mode Yashwan rao Chavan WaranaNager College.	14 th March 2026

9. Other Duties

1. Member of magazine committee of Vivekanand College, editor of Urdu and kannada language section in Vivek Magazine from 2014.
2. Member of BOS Vivekanand College.
3. Member of BOS for subject Biochemistry, in Shivaji University, Kolhapur
4. Subject expert and resource person for syllabus unitization workshop. For Biotechnology Optional and Vocational.
5. Worked as examiner for Various competitions held in college as well as outside the College.
6. Member of B.Sc. I Admission Committee
7. B.O.S. Member of B.Sc. Biochemistry Yashwantrao Chavan College
Warana Nager

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place: Kolhapur

Date: 18/08/2026

Dr. Salama Bashirun Mulla