Curriculum Vitae

Dr. Bapurao B. Shingate

Dr. Bapurao B. Shingate

Professor.

Department of Chemistry,

Dr. Babasaheb Ambedkar

Marathwada University,

Aurangabad-431 004,

Maharashtra (INDIA)



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E-mail: <u>bapushingate@gmail.com</u> & bbshingate_chem@bamu.ac.in

PERSONAL:

Date of Birth: July 25, 1975

Nationality/Sex/Marital Status: Indian/Male/Married

EDUCATION:

➤ Ph. D : Title of thesis: Stereoselective Syntheses of Steroidal Unnatural

C(20R) Aldehydes by Ionic Hydrogenation: Syntheses of

Naturally Occurring 20-epi Cholanic Acid Derivatives

Research Guide: Late Dr. Braja G. Hazra &

Co-Guide: Late Dr. A. R. A. S. Deshmukh

Division of Organic Chemistry, National Chemical Laboratory,

Pune.

University of Pune, Pune (2010)

➤ Master of Science (M. Sc : June 1999 with 61.42%

(**Organic Chemistry**) Department of Chemistry,

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

➤ **Bachelor of Education** : July 1997 with 70.10%

(B. Ed.) Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Bachelor of Science (B. : June 1995 with 75.51%

Sc.) Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

FELLOWSHIPS:

- ➤ Indo-US Research Fellowship (2013): IUSSTF Research Fellowship (2013): Professor Larry E. Overman, Department of Chemistry, University of California, Irvine (USA)
- ➤ National Eligibility Test (NET) (July, 2001): Joint Council of Scientific and Industrial Research-University Grants Commission, New Delhi, Research Fellowship and Eligibility for Lectureship.
- > State Eligibility Test (SET) (February, 2001): State Eligibility Test for Lectureship conducted by University of Pune, Pune, Maharashtra (India) as the State Agency.
- ➤ UGC-Junior Research Fellowship: May-2002 to April-2004
- ➤ UGC-Senior Research Fellowship: May-2004 to April-2008

HONOURS & AWARDS:

ISCB Academic Scientist Award-2023: Indian Society of Chemists and Biologist, Lucknow

Fellow: Maharashtra Academy of Sciences (2023)

BENTHAM AMBASSADOR (2018-19, 2020-21, 2021-22 and 2022-23): Bentham Science Publishers, UK

Best Chemistry Professor of the Year (2020): Global Teaching Excellence Award

ISCB-Best Teacher Award (2018): Awardee of Best Teacher (2018) given by Indian Society of Chemists and Biologists, Lucknow.

Research Professor Award (2017): Awardee of Research Professor Award for the year 2016-2017 given by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Ideal Teacher Award (2014): Awardee of Ideal Teacher Award (2014) given by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Indo-US Research Fellowship Award (2013): IUSSTF

Shikshak Pratibha Purskar (2012): Awardee of Shikshak Pratibha Purskar (2012) given by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Member of Professional Bodies:

Member, American Chemical Society

Life Member, Indian Society of Chemists and Biologists

TEACHING EXPERIENCE:

➤ July 2008 to February 2021: Assistant Professor

(Department of Chemistry, Dr. BAM University, Aurangabad)

➤ February 2021 to July 2024: Associate Professor

(Department of Chemistry, Dr. BAM University, Aurangabad)

➤ July 2024 onwards: Professor

(Department of Chemistry, Dr. BAM University, Aurangabad)

RESEARCH EXPERIENCE:

➤ May 2002 to May 2008 Research Scholar

(National Chemical Laboratory, Pune, India)

➤ July 2008 to February 2021: Assistant Professor

(Department of Chemistry, Dr. BAM University, Chhatrapati

Sambhajinagar)

➤ February 2021 to July 2024: Associate Professor

(Department of Chemistry, Dr. BAM University, Chhatrapati

Sambhajinagar)

➤ July 2024: Professor

(Department of Chemistry, Dr. BAM University, Chhatrapati

Sambhajinagar)

Teaching Expertise:

Organic reaction mechanism

Synthetic organic chemistry

♣ Reagents in organic synthesis

Organometallic compounds

Protective groups

Retrosynthetic analysis

Classics in total synthesis

Multistep organic transformations

Asymmetric synthesis

Research interest:

♣ Design and synthesis of bioactive compounds and drug analogues

♣ Development of new synthetic methodologies

♣ Total Synthesis of Natural and Unnatural Products

Invited Talks (Resource Person): 85 (National and International Conferences/ Seminars/ Symposium)

Resource person in Refresher /Orientation courses: 30

Guest Lectures: 100 (Universities, Institutions and Colleges)

Unique Lectures:

- ♣ Way to Prepare Best Scientific Review Articles
- ♣ A Roadmap to Competitive Examinations in Chemical Sciences
- ♣ How to Become Master in Organic Chemistry
- Multistep Organic Transformations

Chair Person in Seminars/conferences: 18

PROFESSIONAL ACTIVITIES:

- 1. Editor of Special Issue: Organic Chemistry: Current Research
- 2. Editorial Board Member: Organic Chemistry: Current Research
- 3. Editorial Board Member: Current Catalysis
- 4. Editorial Board Member: Mini Reviews in Medicinal Chemistry
- 5. Editorial Board Member: Letters in Organic Chemistry
- 6. Editorial Board Member: Current Green Chemistry
- 7. **Academic Editor:** International Research Journal of Pure and Applied Chemistry
- 8. Advisory Board Member: International Journal of Chemical Research
- 9. **Associate Editor**: Frontiers in Chemistry: Modern Synthetic Organic Chemistry
- 10. Editorial Board Member: Journal of New Developments in Chemistry
- 11. Editorial Board Member: Current Trends in Medicinal Chemistry

Member: BOS in Chemistry

- (I) Swami Ramanand Teerth Marathwada University, Nanded
- (II) Yashwantrao Chavan Institute of Science, Satara
- (III) Karmveer Bhaurao Patil College, Washi
- (IV) Rajarshi Shahu College, Latur
- (V) Yashwantrao Chavan Maharashtra Open University, Nashik
- (VI) Mahatma Gandhi Missions University, Aurangabad

(VII) New Arts, Commerce and Science College, Ahmednagar

Research Advisory Committee (RAC) Member: MGM University, Chhatrapati Sambhajinagar

Reasearch and Recognition Committee (RRC) Member: Sanjay Ghodawat University, Kolhapur

Research Advisory Board Member: Yashwantrao Chavan Institute of Science, Satara

Dissertation Advisory Committee (DAC) Member: Marwadi University, Rajkot, Gujrat

Ph. D Student Guidance:

Sr. No.	Name of Students	Fellowship Type	Title	Month and year	Full- Time/Part- Time	Present Status
1	Mubarak H. Shaikh	CSIR-NET	Design, Syntheses and Bioevaluation of New Triazoles, Tetrazoles, Pyrazoles and Naphthyridines	January 2013	Full-Time	Awarded, 29 August 2016
2	Dnyaneshwar D. Subhedar	CSIR- NET	Syntheses and Bioevaluation of Some Pharmacodynamic Drug Analogues/Mimics	January 2013	Full-Time	Awarded, 23 February 2017
3	Ashruba B. Danne	UGC- NET	Synthesis and Bioevaluation of Bis-Heterocyclic Compounds.	July 2013	Full-Time	Awarded 06 May 2019
4	Smita P. Khare	URF	Triazole Based Biologically Active Molecules via Multicomponent Reactions: Syntheis, Characterization and	December 2014	Full-Time	Awarded 23 November 2019

			Biological			
			Evaluation			
5	Tejshri R. Deshmukh	URF	Synthesis and Bioevaluation of Dimeric Triazoles	December 2014	Full-Time	Awarded 01 October 2019
6	Amol A. Nagargoje	-	Synthesis And Biological Activity of Monocarbonyl Curcumin Analogues.	December 2014	Part-Time	Awarded 10 February 2022
7	Madiha M. A. I. Siddiqui	MANF	Design, Syntheis and Biological Evaluation of Hybrid Molecules Based on Triazoles and Tetrazoles	December 2014	Full-Time	Awarded 08 April 2024
8	Satish V. Akolkar	CSIR- NET	Facile Synthesis of Diversely Functionalized Compounds Consisting Triazole, Pyrazole and Pyridine Rings	August 2015	Full-Time	Awarded 05 December 2020
9	Mininath K. Bhalmode	UGC- NET	A Study Of Diversity Functionalized Triazole, Pyrazole, Pyridine, Coumarin And Chromene	October 2020	Full time	Working

			Derivatives			
10	Karan C. Waghmare	CSIR- NET	Synthesis and Bioevaluation of Drug- Triazole Conjugates	February 2021	Part-Time	Working
11	Amol M. Kute	UGC- NET	Exploring Antiviral Potential of Some Heterocyclic Compounds	July 2021	Part-Time	Working
12	Krishna V. Lathi	UGC- NET	Facile Synthesis Of Symmetrical And Unsymmetrical Bis- Heterocycles As Potential Therapeutic Agents	July 2021	Full time	Working
13	Dipti D. More	SAARTHI	Curcumin Analogues:Facile Synthesis And Biological Activities.	November 2021	Full time	Working

Resource person in Refresher / Orientation Programme

- 11th & 12th Faculty Induction Programme: UGC-HRDC Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar
- 2. Online Refresher Course in Chemistry (July 2023): UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- 3. Online STC in Research Methodology (Science) (December 2022): UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- 4. 7th Faculty Induction Programme (December 2022): : UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Refresher Course in Chemistry (August 2021): UGC-HRDC, SPPU, Pune conducted by School of Chemical Sciences, Kavayitri Bahinaai Chaudhari North Maharashtra University, Jalgaon

- 6. 5th Faculty Induction Programme (August 2021): : UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- 7. 3rd Faculty Induction Programme (December 2020): : UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- 8. 2nd Faculty Induction Programme (October 2020): : UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- 9. 1st Faculty Induction Programme (September 2020): : UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- 10. 119th Orientation Programme, June 2018: UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- 11. Refresher Course in Science entitled Recent Innovative Trends of Nanomaterials in Chemical, Biological and Chemical Sciences (October 2018): Modern College of Arts, Science and Commerce, Pune
- 12. Refresher Course in Computational Methods in Basic Sciences (August 2018)): UGC-Human Resource Development Center, Dr. BAMU, Aurangabad
- 13. Refresher Course in Environmental studies (March 2017)): UGC-Human Resource Development Center, Dr. BAMU, Aurangabad
- 14. 113th Orientation Programme (December 2016): UGC-Human Resource Development Center, Dr. BAMU, Aurangabad
- 15. Special Winter School Programme (November 2016): UGC-Human Resource Development Center, Dr. BAMU, Aurangabad
- 16. Refresher Course in Basic Sciences (September 2016): UGC-Human Resource Development Center, Dr. BAMU, Aurangabad
- 17. UGC Sponsored Refresher Course in Chemistry (December 2015): On behalf of Savitribai Phule Pune University Pune, Organized by Department of Chemistry, Shivaji University, Kolhapur
- 18. UGC Sponsored 32nd Orientation Programme (October 2015): UGC-Human Resource Development Center, Sant Gadge Baba Amravati University, Amravati
- 19. UGC Sponsored 110th Orientation Programme (August 2015): UGC-Human Resource Development Center, Dr. BAMU, Aurangabad
- 20. UGC Sponsored One week Faculty Development Programme for Senior Science Teachers (December 2014): On behalf of University of Pune, Pune, Organized by Ahmednagar College, Ahmednagar
- 21. UGC Sponsored Refresher Course in Chemistry (March 2012): UGC-Academic Staff College, Sant Gadge Baba Amravati University, Amravati

Resource person in conferences/seminars/symposium

- 28th ISCB International Conference on Recent advances in Biological, Chemical, Biotechnological and Pharmaceutical Sciences for Innovation in Healthcare (January 2024): Faculty of Science and Faculty of Pharmacy, Marwadi University, Rajkot
- 29th ISCB International Conference (January 2024): Department of Chemistry and Forensic Science & Department of Life Sciences, Bhakta Kavi Narsinh Mehta University, Junagadh
- National Seminar on Recent Advances in Chemical Science and Technology (ACST-2023): Department of Chemistry and IQAC, Vasantrao Naik Mahavidyalaya, Aurangabad
- One day national E-seminar on Research Methodology (July 2023): Sant Ramdas College, Ghansawangi, Dist Jalna
- 5. One day seminar on Opportunities in Science and Technology (June 2023):
 Annasaheb Awate College, Manchar, Dist: Pune
- 6. One day National Level Conference on Research Methodology (April 2023): Indraraj College, Sillod and ShivChhatrapati College, Aurangabad
- 7. One day Webinar on Mastering Organic Chemistry: A Challenge (March 2023): Ramkrishna Paramhansa Mahavidyalaya, Osmanabad
- 8. International Webinar on Current Perspectives in Chemical Science (November 2022): Adarsh Mahavidyalaya, Omerga, Dist: Osmanabad
- State Level Webinar on Contributions towards Click Chemistry (October 2022):
 Baharati Vidyapiths Dr. Patangrao Kadam Mahavidyalaya, Sangli
- International e-Conference series on Advances in Chemical Science, Health and Education (November 2020): I.D.S.G. Government College, Chikkamangaluru, Karnataka
- National workshop om Roadmap to Competitive Examination in Chemical Science (October 2020): New Arts, Commerce and Science College, Parner, Dist Ahmednagar
- 12. National Webinar on Drug Discovery and Development (DDD-2020) (October 2020): Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
- 13. One Day workshop on Scientific Review Article Writing and Mendeley Software (October 2020): Yaahwantrao Chavan Institute of Science, Satara

- 14. 26th Indian Society for Chemists and Biologists conference jointly organized with 5thNirma Institute of Pharmacy International Conference on "Integrating Chemical, Biological and Pharmaceutical Sciences for Innovations in Health Care" (January 2020): Institute of Pharmacy, Nirma University, Ahmedabad
- 15. National Level Seminar on" Interdisciplinary Research in Chemical and Life Sciences" (February 2020): Maharaja JivajiraoShindeMahavidyalaya, Shrigonda, Dist: Ahmednagar
- 16. International Conference on "Chemistry, Environment and Energy" (February 2019): Yashwantrao Chavan Institute of Science, Satara.
- 17. 25th ISCB International Conference Trends in Chemical and Biological Sciences: Impact on Health and Environment (January 2019): Lucknow
- International Conference on Advances In Chemical Science (December 2018): S. M.
 Joshi College, Hadapsar, Pune.
- National Conference on "Emerging Trends in Chemistry and Materials Science" (ETCMS-2019) (January 2019): GMD Arts, BW Commerce and Science College, Sinnar, Dist-Nashik
- National Conference on "Global Opportunities in Chemical, Biological & Material Sciences (GOCBMS-2018) (December 2018): S.N.J.B.'s Abad Arts, Lodha Commerce and Jain Science College, Neminagar, Chandwad, Dist. Nashik
- 21. National Seminar on Green Approach in Organic Synthesis (December 2018): Shri Chhatrapati Shivaji College, Shrigonda.
- 22. 23rd ISCB International Conference on Recent Trends Interface of Chemical Biology In Drug Research (February 2017): Indian Society of Chemists & Biologists, CDRI, Lucknow and SRM University, Chennai.
- 23. National Conference on Frontier Areas in Chemical Sciences (January 2017): Yashwantrao Chavan Institute of Science, Satara.
- 24. National Conference on Newest Development in Chemical Science For Civilized Society (December 2016) College Of Arts, Commerce and Science, Parbhani
- 25. 22nd ISCB International Conference on Recent Trends in Affordable and Sustainable Drug Discovery and Developments (February 2016): Indian Society of Chemists & Biologists, CDRI, Lucknow and Uka Tarsadia University, Bardoli, Surat
- 26. National Seminar on Emerging Trends and Challenges in Synthetic and Nanochemistry (March 2016): Rajarshi Shahu Mahavidyalaya, Latur

- 27. Two Day State Level Seminar on- Recent Development And Future Challenges in Chemical Sciences (January 2016): Arts, Commerce and Science College, Nandgaon, Dist: Nashik
- 28. National Conference on New Frontiers in Chemistry: From Fundamentals to Applications (December 2015): Department of Chemistry, BITS Pilani, K. K. Birla Goa Campus, Goa
- National Conference on Recent Developments in Chemical Sciences (December 2015): Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
- 30. National Conference on New Horizons in Chemical Sciences (December 2015): Yashvantrao Chavan Institute of Science, Satara
- 31. National Conference on Recent Challenges in Advanced Material and Green Chemistry (December 2015): Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Sub-Campus, Osmanabad
- 32. International Conference on Nascent Developments in Chemical Sciences:
 Opportunities for Academia-Industry Collaborations (October 2015): Department of
 Chemistry, Birla Institute of Technology and Science, Pilani, Pilani Campus,
 Rajasthan
- 33. National Conference on Interdisciplinary Approach in Green Science (February 2015): S. M. Joshi College, Hadapsar, Pune
- 34. National Seminar on Emerging Trends and Challenges in Chemical Sciences (January 2015): Arts, Commerce and Science College, Kille Dharur, Dist: Beed
- 35. National Seminar on Role of Chemical Sciences in Overall Development of Human Beings (January 2015): Adarsh Mahavidyalaya, Omerga, Dist: Osmanabad
- National Seminar on Emerging Trends in Organic Chemistry (December 2014):
 Maharaja Jivajirao Shinde Mahavidyalaya, Shrigonda, Dist: Ahmednagar
- 37. National Conference on Interdisciplinary Approaches in Biochemical Sciences (December 2014): Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
- 38. National Conference on Advances in Chemical Sciences with Special Reference to Molecular Spectroscopy, Material Science and Organic Electronics (December 2014): Fergusson College, Pune
- 39. National Seminar on Innovative Frontiers in Green Chemistry (IFGC-2013) (September 2013): Vivekanand Education Society's College of Pharmacy, Mumbai
- 40. National Seminar on Role of Chemistry in Eco friendly Organic Synthesis (September 2013): SBES College of Science, Aurangabad

- 41. National Seminar on Characterization Techniques for Physical, Chemical and Biological Analysis (March 2012): Waghire College, Saswad, Pune
- 42. 39th Annual Convention of Chemists (December 2002): Indian Chemical Society and Nagarjuna University, Nagarjunanagar, Amdhra Pradesh

Worked as a Chair person

- 1. 28th ISCB International Conference on Recent advances in Biological, Chemical, Biotechnological and Pharmaceutical Sciences for Innovation in Healthcare (January 2024): Faculty of Science and Faculty of Pharmacy, Marwadi University, Rajkot
- 2. 29th ISCB International Conference (January 2024): Department of Chemistry and Forensic Science & Department of Life Sciences, Bhakta Kavi Narsinh Mehta University, Junagadh
- 3. International Conference on Molecular Structure and Instrumental Approaches (November 2020): RK University, Rajkot
- 4. Exploring New Horizons In Chemical Sciences (January 2019): Deogiri College Aurangabad.
- 22nd ISCB International Conference on Recent Trends in Affordable and Sustainable Drug Discovery and Developments (February 2016): Indian Society of Chemists & Biologists, CDRI, Lucknow and Uka Tarsadia University, Bardoli, Surat
- 6. National Conference on Recent Challenges in Advanced Material and Green Chemistry (December 2015): Department of Chemistry Dr. Babasaheb Ambedkar Marathwada University, Sub-Campus, Osmanabad
- 7. National Conference on New Frontiers in Chemistry: From Fundamentals to Applications (December 2015): Department of Chemistry, BITS Pilani, K. K. Birla Goa Campus, Goa
- 8. International Conference on Nascent Developments in Chemical Sciences: Opportunities for Academia-Industry Collaborations (October 2015): Department of Chemistry, Birla Institute of Technology and Science, Pilani, Pilani Campus, Rajasthan
- 9. National Seminar on Research and Research Methodology in Humanities, Commerce and Science (February 2015): Shri Muktanand College, Gangapur, Dist: Aurangabad
- 10. National Seminar on Recent Trends in Chemistry Education (December 2013): Sir Sayyed College, Aurangabad
- 11. Innovative Frontiers in Green Chemistry (IFGC-2013) (September 2013): Vivekanand Education Society's College of Pharmacy, Mumbai
- 12. National Conference on Recent Trends in Chemistry (September 2012): Shivaji, Arts, Commerce and Science College, Kannad, Dist: Aurangabad

Invited talks, Lectures in workshops and related events

- One week online workshop on Way to prepare best scientific Review Articles (July 2023): MIT-ADT University, MANET, Pune
- 2. Ph.D Course work for Faculty of Science (February 2023): SP College, Nashik
- 3. Ph.D Course work for Faculty of Science (February 2023): MGV's, LVH College, Nashik
- 4. Ph.D Course work for Faculty of Science (January 2023): KTHM College, Nashik
- 5. Ph.D Course work in Chemistry (October 2022): New Arts, Science and Commerce College, Ahmednagar
- 6. Invited Guest Lecture at Annasaheb Aawate College, Manchar, Pune (November 2022)
- 7. Invited Guest Lecture at Yashvantrao Chavan Institute of Science, Satara (October 2022)
- 8. Invited Guest Lecture at Parul University, Vadodara, Gujrat (September 2022)
- 9. Online Two days workshop on CSIR-NET/SET Examination at Shri Shivaji Science College, Amravati (August 2021)
- National Workshop Practicing NET/SET Examination in Chemical Sciences at School of Chemical Sciences, Kavayitri Bahinaai Chaudhari North Maharashtra University, Jalgaon (July 2021)
- 11. Workshop on Quality Research and Establishment of Linkages and collaboration at G.S. Science, Arts and Commerce College, Khamgaon (August 2021)
- 12. Online National Workshop on "Practicing NET/SET Examination in Chemical Science": School of Chemical Sciences in collaboration with Association of Chemistry Teachers, KBCNMU, Jalgaon (July 2021)
- Two days webinar at Government Vidarbha Institute of Science and Humanities, Amravati (March 2021)
- 14. Resource person for Gateway to NET/SET Exams in Chemical Sciences (January 2017) Maharaja Jivajirao Shinde Mahavidyalaya Shrigonda
- 15. Invited lecture at Rajarshi Shahu Mahavidyalaya, Latur (October 2016)
- 16. Dimensions of Curriculum, Teaching-Learning & Evaluation (July 2016): Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist: Aurangabad
- 17. Dimensions of Research Development (July 2016): Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist: Aurangabad
- 18. Delivered lecture for the pre-Ph.D Course in Zoology (May 2016): Department of Zoology, Dr. BAMU, Aurangabad
- 19. Delivered lecture for the pre-Ph.D Course in Chemistry (May 2016): Department of Chemistry, Dr. BAMU, Aurangabad

- 20. One day Workshop on Student Enrichment Programme (August 2015): Yashavantrao Chavan Institute of Science, Satara
- 21. Staff Professional Development Programme on Development of Research (August 2015): Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist: Aurangabad
- 22. NET/SET Examination (August 2015): S. M. Joshi College, Hadapsar
- 23. UGC Coaching for preparation for NET for SC/ST and minority candidates (March 2015): Department of Chemistry, Shivaji University, Kolhapur
- 24. Science Forum (September 2014): Shri Muktanand College, Gangapur
- 25. SET/NET Examination: Training Workshop (October 2013): Solapur University, Solapur
- 26. Guest Lecture on Organic Chemistry (September 2013): Maulana Azad College, Aurangabad
- 27. Mastering Organic Chemistry: Challenges (March 2013): Shri Bhagwan College of Pharmacy, Aurangabad
- 28. NET/SET Exam Workshop (February 2013): Solapur University, Solapur
- 29. Organic Synthesis and Retrosynthesis (December 2012): ShivChhatrapati College, Cidco, Aurangabad
- 30. Problem Solving makes Master (August 2012): Jawahar Arts, Science & Commerce College, Andur, Dist: Osmanabad
- 31. Organic Reaction Mechanism (March 2012): Tuljaram Chaturchand College, Baramati
- 32. UGC Sponsored NET/SET Coaching Center for SC/ST/OBC and minority students (February 2012): Yeshwant Mahavidyalaya, Nanded
- 33. Remedial Coaching Scheme for SC/ST and Minority Candidates to prepare for NET Exam (August 2011): Department of Chemistry, Shivaji University, Kolhapur
- 34. UGC Sponsored NET/SET Coaching Center for SC/ST/OBC and minority students (May 2010): School of Chemical Sciences, NMU, Jalgaon
- 35. NET/SET/GATE Examination Workshop (February 2010): Department of Chemistry, Dr. BAMU, Aurangabad, Sub-Campus Osmanabad
- 36. One day Workshop on Preparation of SET/NET Exam (January 2006): Shri Chhatrapati Shivaji College, Omerga

Organizing Member for Conferences, Seminars, Symposiums and others

- 1. National Science Day-2019 Activity Coordinator, Dr. BAMU, Aurangabad
- 2. National Science Day-2017 Activity Coordinator, Dr. BAMU, Aurangabad
- 3. Pre Science Congress-2014 Conference on Science and Technology for Human Development (December 2014): Dr. BAMU, Aurangabad

- 4. Science Academies Lecture Workshop on Fundamental Concepts in Chemical Sciences (March 2014): Department of Chemistry, Dr. BAMU, Aurangabad
- 5. National Seminar on Advances in Material Chemistry (January 2011): Department of Chemistry, Dr. BAMU, Aurangabad
- Celebration of International Year of Chemistry-2011: Department of Chemistry, Dr. BAMU, Aurangabad
- 7. Science Academies Lecture Workshop on Probing Electronic States in Molecules and Molecular Materials (October 2010): Department of Chemistry, Dr. BAMU, Aurangabad
- 8. Biocatalysis and Biomimetic Catalysis in Organic Synthesis (March 2009): Department of Chemistry, Dr. BAMU, Aurangabad

Participation in seminars, conferences, short term, training courses, talks, lectures

- Training program on awareness of Scopus and Indian citation index (December 2016): Dr. BAMU, Aurangabad
- 2. One day workshop on Intellectual Property Rights (August 2016): Dr. BAMU, Aurangabad
- 3. Seminar on Recent Trends in Therapeutics (July 2016): Dr. BAMU, Aurangabad
- 4. Scientific Writing and Publishing Scholarly Articles (November 2015): Knowledge Resource Center, Dr. BAMU, Aurangabad
- 5. University-Industry Interaction Summit 2015 (October 2015): Dr. BAMU, Aurangabad
- 6. One Day User Awareness Programme under UGC-INFONET Digital Library Consortium (October 2015): Knowledge Resource Center, Dr. BAMU, Aurangabad
- 7. One Day Acquaintance Programme (March 2015): Department of Physics, Dr. BAMU, Aurangabad
- 8. Training Programme on Awareness of SciFinder Database (July 2014): Knowledge Resource Center, Dr. BAMU, Aurangabad
- Workshop on Awareness of Antiplagiarism Software (December 2013): Knowledge Resource Center, Dr. BAMU, Aurangabad
- 10. Two days Virtual Lab Training (December 2013): Wireless Research Lab, Indian Institute of Technology, Delhi
- 11. A Brain Storming Session for Application of Technology for Sustainable Development in the State of Maharashtra (November 2012): Maharashtra Academy of Sciences and Shivaji University, Kolhapur
- 12. Right to Information 2005-Training Workshop (March 2012): Yashada Pune and Dr. BAMU, Aurangabad

- 13. Futuristic Trends in Drug Chemistry and Analysis (March 2012): Government College of Pharmacy, Aurangabad
- 14. International conference on Emerging Trends in Chemistry (January 2010): Department of Chemistry, University of Pune, Pune
- 15. International Conference on Advances in Drug Discovery Research (February 2007): Indian Society of Chemists & Biologists, CDRI, Lucknow and Department of Chemistry, DR. BAMU, Aurangabad
- 16. Kinetic and Mechanistic Studies of Chemical and Biochemical Transformations (February 2005): Department of Chemistry, Dr. BAMU, Aurangabad
- 17. National Seminar on Disaster Management and Safety Awareness in Chemistry Laboratories (January 2002): Department of Chemistry, Dr. BAMU, Aurangabad
- 18. Newer Trends in Stereoselective Synthesis (September 2001): Shri Chhatrapati Shivaji College, Omerga, Dist: Osmanabad

Oral/Poster Presentations

- Stereoselective Synthesis of Squalamine Analogues Starting from Lanosterol: 39th Annual Convention of Chemists (December 2002): Indian Chemical Society and Nagarjuna University, Nagarjunanagar, AP
- 2. Stereoselective Synthesis of Squalamine Analogues Starting from 16-Dehydropregnenolone Acetate: Fifth National Symposium in Chemistry (NSC-5) (February 2003): Central Leather Research Institute, Chennai
- 3. Thermodynamically Controlled Ionic Hydrogenation of Ketene Dithiacetal: A Highly Stereoselective Synthesis of Steroidal C-22 Aldehyde: 6th CRSI National Symposium in Chemistry (February 2004): Indian Institute of Technology, Kanpur
- 4. Stereoselective Synthesis of Isocholesterol from 16-Dehydropregnenolone Acetate: 7th CRSI National Symposium in Chemistry (February 2005): Indian Association for the Cultivation of Science, Kolkata
- 5. Stereoselective Synthesis of Unnatural C(20R) Aldehydes by Ionic Hydrogenation of C-20 Tertiary Alcohols: International Symposium on Current Perspectives in Organic Chemistry (December 2006): Indian Association for the Cultivation of Science, Kolkata
- 6. Stereoselective Synthesis of Steroidal C(20R)-Aldehydes by Ionic Hydrogenation: Synthesis of Cholanic Acid Derivatives: Joint International Conference on Building Bridges, Forging Bonds for 21st Century Organic Chemistry and Chemical Biology (January 2007): National Chemical Laboratory, Pune

- 7. Bakers' Yeast catalyzed Synthesis of Benzothiazoles: National Seminar on "Biocatalysis and Biomimetic Catalysis in Organic Synthesis (March 2009) (Awarded 1st Prize): Department of Chemistry, Dr. B. A. M. University, Aurangabad
- 8. *Ammonium Metavanadate*: An Effective Catalyst for Synthesis of α-Hydroxy Phosphonates: National Seminar on "Biocatalysis and Biomimetic Catalysis in Organic Synthesis (March 2009) (Awarded 2nd Prize): Department of Chemistry, Dr. B. A. M. University, Aurangabad
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LIST OF RESEARCH PUBLICATIONS

♣ International: **134**

♣ Total Citations: **4588**

♣ h-index: **38**

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♣ Average Impact factor: **3.94**

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Indian Patent Application Number: 202121051912

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♣ Substituted 1,2,3-triazole compounds as antitubercular agent (Published)

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♣ Substituted 1,2,3-triazolyl-thiazolidinone compounds as therapeutically active agents (Published)

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A process for the preparation of arylidene-oxindole compounds (Published)

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- 30. Organic Chemistry Insights
- 31. Journal of Bioorganic Chemistry and Molecular Biology
- 32. ISRN Organic Chemistry
- 33. Journal of Taibah University for Science
- 34. Journal of Infection and Public Health
- 35. ChemistrySelect
- 36. Computational Biology and Chemistry
- 37. Cardiovascular & Hematological Agents in Medicinal Chemistry and many more....

Examiner (Ph.D Thesis):

- 1. Savitribai Phule Pune University, Pune
- 2. University of Mumbai, Mumbai
- 3. Shivaji University, Kolhapur
- 4. Swami Ramanand Teerth Marathwada University, Nanded
- 5. Sant Gadge Baba Amravati University, Amravati
- 6. Kavyitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
- 7. Punyashlok Ahilyadevi Holkar Solapur Universty, Solapur
- 8. Sardar Patel University, Vallabh Vidyanagar, Anand, Gujrat
- 9. Kadi Sarva Vishwavidyalaya, Gandhinagar, Gujrat
- 10. RK University, Rajkot, Gujrat
- 11. RMIT University, Australia

Academic and administrative committees and responsibilities

Selection Committee Member

- (i) Deogiri Institute of Engineering and Management, Aurangabad
- (ii) R. G. Bagadia Arts, S. B. Lakhotia Commerce and R. Bezonji Science College, Jalna
- (iii) Matsyodari Shikshan Sansthas, College of Engineering and Technology, Jalna
- (iv) Vivekanand Arts, Sardar Dalipsingh Commerce and Science College, Aurangabad
- (v) Shrimati Shantabai Kantilal Gandhi Arts, Amlok Science & Pannalal Hiralal GandhiCommerce college, Kada, Tq: Ashti, Dist: Beed
- (vi) Hi-tech Institute of Technology, Auranagabd
- (vii) Pratishtan Mahavidyalaya, Paithan, Dist: Aurangabad
- (viii) Chh. Shahu College of Enginering, Aurangabad
- (ix) Shreyash College of Engineering, Aurangabad and many more....

Affiliation Committee Member

- (i) Navgan Shikshan Sanstha, Arts Commerce and Science College, Chausala
- (ii) Muktanand Mahavidyalaya Gangapur
- (iii) Kohinoor Arts, Commerce And science college, Khultabad, Dist. Aurangabad.
- (iv) Shri Tuljabhavani Arts and Science College, Chittepimalgaon, Dist: Aurangabad
- (v) Govt. Institute of Forensic Science, Auranagabd
- (vi) K. T. Patil College of Pharmacy, Osmanabad

(vii) Sant Kabir Shikshan Prasarak Mandal's College of Arts, Gondegaon, Tq-Soegaon,Dist-Aurangabad

Administrative Responsibilities

- ➤ Deputy Coordinator : IQAC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad Coordinator : Criterion-III NAAC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Steering Committee for Tea Stalls, Hostel Mess, Juice Centre and Canteens, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Website Committee member: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- ➤ Member of Organizing Committee for Avhan-2009: A state level disaster relief training camp organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Subject Expert for up gradation from JRF to SRF: Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
- ➤ PET Examination-2014 Observer: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Committee Member for Maharashtra State Inter University Krida Mahotsav-2014 organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Organizing Member for University-Industry Interaction Summit-2015: Dr.
 Babasaheb Ambedkar Marathwada University, Aurangabad
- Committee member for Yuvak Mahotsav-2013; Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- PET Examination-2012; Committee Member; Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- ➤ Hostel Warden (2009-2013): Shri Chhatrapati Shivaji Maharaj Boy's Hostel, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Various departmental committees member/coordinator viz.; Admission committee, Common Entrance Test, Term End Examination, Paper Setting, Evaluation, Moderation, Invigilation, Time-Table, Celebration of National Science Day, University Open Day, Study Tour, Departmental Committee, Syllabus Committee
- ➤ Deputy Coordinator for UGC-SAP DRS-1 level
- ➤ Member of DST-FIST Scheme

Co-curricular and Extra-curricular activities

Actively involved in

- (i) Organizing conferences/seminar/symposium
- (ii) International Year of Chemistry-2011
- (iii) Academies Lecture series workshops
- (iv) National Science Day
- (v) Educational Study tour
- (vi) Student seminars
- (vii) Student support activities Viz.; NET/SET/GATE preparation
- (viii) Tree plantation
- (ix) Blood Donation Camp
- (x) Organizing Guest Lectures
- (xi) University Open Day
- (xii) Quiz/Debate Competition
- (xiii) University Library Orientation
- (xiv) Youth Festival
- (xv) Krida Mahotsav

Others

- (i) Member of NIRF Committee (2016) Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- (ii) Member of Indradanushya Yuva Mahotsav 2016 Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- (iii) Member of Scrutiny committee for subject/branch Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- (iv) Member of Souvenir Committee, University Industry Interaction Cell Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- (v) Member of ISO 9001-2015 Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- (vi) Editorial Board Member for "Pradnyavarta" published by Dr. Babasaheb AmbedkarMarathwada University, Aurangabad
- (vii) Member of University Brochure for the academic year-2016-2017; Dr. BabasahebAmbedkar Marathwada University, Aurangabad

- (viii) Member of College with Potential for Excellence proposal scrutiny committee; Dr.Babasaheb Ambedkar Marathwada University, Aurangabad
- (ix) Presiding Officer for MLA Elections: 2009 and 2014
- (x) Presiding Officer for University Senate Elections
- (xi) Blood Donation Camp organized by the Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- (xii) Member of DST-FIST Level 1 to the Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- (xiii) Delivered popular talks in the NSS Camps organized by the affiliated colleges
- (xiv) Local Organizing Committee member for National Conference on Recent Challenges in Advanced Material and Green Chemistry (December 2015): Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Sub-Campus, Osmanabad
- (xv) Advisory committee member for National Conference on New Horizons in Chemical Sciences (December 2015): Yashvantrao Chavan Institute of Science, Satara
- (xvi) Advisory committee member for National Seminar on Emerging Trends and Challenges in Chemical Sciences (January 2015): Arts, Commerce and Science College, Kille Dharur, Dist: Beed
- (xvii) Advisory committee member for National Seminar on Role of Chemical Sciences in Overall Development of Human Beings (January 2015): Adarsh Mahavidyalaya, Omerga, Dist: Osmanabad
- (xviii) Examiner for M. Phil Dissertation, Savitribai Phule Pune University, Pune