

# Curriculum Vitae



<b>Name</b>	<b>Dr. Malhari Chandrarash Nagtilak</b>
<b>Educational Qualification</b>	<b>M.Sc. (Organic Chemistry), June 2011 UGC-NET L.S (61<sup>st</sup> Rank), December 2011 UGC-NET JRF (107<sup>th</sup> Rank). Ph.D. in Chemistry (2018-2023)</b>
<b>Designation</b>	<b>Assistant Professor, Lonavala Education Trust's, DBNP Arts, SSGG Commerce &amp; SSAM Science College, Lonavala, Maharashtra, India: 410403.</b>
<b>Date of Birth</b>	<b>June 04, 1988</b>
<b>Sex</b>	<b>Male</b>
<b>Age</b>	<b>35 Yrs.</b>
<b>Marital Status</b>	<b>Married</b>
<b>Languages Spoken</b>	<b>Marathi, Hindi and English.</b>
<b>Nationality</b>	<b>Indian</b>
<b>Religion</b>	<b>Hindu</b>
<b>Address</b>	<b>Flat No. 303/D-2 Building, Blue Dice Society, On Dehu-Alandi Road, Chikhali, Pune 411062, and Maharashtra, India.</b>
<b>E-mail Id</b>	<b><a href="mailto:malhari.nagtilak22@gmail.com">malhari.nagtilak22@gmail.com</a> <a href="mailto:malhari.nagtilak@gmail.com">malhari.nagtilak@gmail.com</a></b>
<b>Contact</b>	<b>9527631838 / 8080539275.</b>
<b>Industrial Experience</b>	<b>2 Years in Advinus Therapeutics Private Limited, Pharmaceutical Company, Hinjewadi, Pune 411057. [From 1<sup>st</sup> June 2010 to 5<sup>th</sup> Dec 2011].</b>

<b>Place of work</b>	<b>Department of Chemistry, DBNP Arts, SSGG Commerce &amp; SSAM Science College, Lonavala 410403, Maharashtra, India. (Affiliated to Savitribai Phule Pune University) Mob. No. 7888042376.</b>
<b>Present position</b>	<b>Assistant Professor in Chemistry [7<sup>th</sup> December 2011 to till now]</b>
<b>Teaching Experience</b>	<b>13 Years</b>

#### **ACADEMICS:-**

<b><u>Ph.D.</u></b>	<b>Ph.D. Completed From S.M.Joshi College Hadapsar, Pune (From March 2018 to Oct 2023)</b>
<b><u>NET Qualified</u></b>	<b>19<sup>th</sup> June 2011 UGC-NET L.S (61 Rank), 18<sup>th</sup> December 2011 UGC-NET JRF (107 Rank).</b>
<b><u>Post-Graduation (2008-10)</u></b>	
<b>Qualification</b>	<b>M.Sc.</b>
<b>Specialization</b>	<b>Organic Chemistry.</b>
<b>Academic Percentage</b>	<b>64.10 % (Grade-A)</b>
<b>University</b>	<b>Department Of Chemistry, Savitribai Phule Pune University</b>
<b><u>Graduation (2005-08)</u></b>	
<b>Qualification</b>	<b>B.Sc.</b>
<b>Specialization</b>	<b>Chemistry</b>
<b>Academic Percentage</b>	<b>78.00% (First Class with Distinction</b>
<b>College</b>	<b>Fergusson College, Pune.</b>
<b>University</b>	<b>University Of Pune.</b>
<b><u>H.S.C. (2005)</u></b>	
<b>Percentage Obtained</b>	<b>66.33% (First Class)</b>
<b>Branch</b>	<b>Science</b>
<b>College</b>	<b>Shri Shivaji Vidya Mandir, Aundh Pune 7.</b>
<b>Board</b>	<b>H.S.C Board</b>
<b><u>S.S.C (2003)</u></b>	
<b>Percentage Obtained</b>	<b>76.13 % (First Class with Distinction)</b>
<b>School</b>	<b>Shri Shivaji Vidya Mandir, Aundh Pune 7.</b>
<b>Board</b>	<b>Pune Board</b>

#### **Research Experience:**

#### **A] Broad Area of Research:**

**Organic Chemistry, Organic Synthesis, characterization and biological activity of organic compound, Nanomaterials synthesis and study of its applications. Catalysis, Protein-Ligand interaction study by Molecular Docking and Multispectroscopic techniques, Fluorescence spectroscopy, Circular Dichroism Spectroscopy, Uv-Visible Spectroscopy.**

#### **B] Ph.D. Work:**

Ph.D. thesis topic “**Spectroscopic Investigation and Molecular Docking Studies on Potentially Hazardous Pesticide - Protein Interaction**” under the guidance of Prof. Dr. Shakuntala Sawant (Guide) and Dr. Rajana Jadhav (Co-guide) from S.M.Joshi College, Hadapsar, Pune..

#### **C] Research Projects Undertaken:**

Minor Research project entitled “**Doped zinc oxide catalyzed synthesis of substituted benzimidazoles by greener route and their antimicrobial activity**” sponsored by BCUD Savitribai Phule Pune University, Pune (**Rs. 1, 70,000/-, 2013-2016, completed**).

#### **D] Editors of Scopus Index Journal / International Peer Reviewed Research Journal:**

1. "Academic Publications" appointed me to the position of "**Editors**" of the "**International Journal of Chemistry Studies**" (**IJPS**). Indexed Journal, Refereed Journal, Peer Reviewed Journal ISSN: 2581-348X, Impact Factor: RJIF 8.
2. "Academic Publications" appointed me as one of the "**Editors**" of the "**International Journal of Chemical Science**" (**IJCS**). Indexed Journal, Refereed Journal, Peer Reviewed Journal E-ISSN: 2523-2843, P-ISSN: 2523-6075, Impact Factor: RJIF 8.
3. "Academic Publications" assigned me to the position of "**Editors**" of the "**National Journal of Multidisciplinary Research and Development**" (**NJMRD**) .Indexed Journal, Refereed Journal, Peer Reviewed Journal ISSN: 2455-9040, Impact Factor: RJIF 8

#### **E] Reviewer of Scopus Index Journal / International Peer Reviewed Research Journal:**

1. Selected as a **Reviewer for Science Journal of Chemistry (SJC)** ISSN Print: 2330-0981; ISSN Online: 2330-099X from September 7, 2022 to September 7, 2024.
2. Selected as a **Reviewer for Advances in Science, Technology and Engineering Systems Journal (ASTESJ)** under the subject codes Chemistry & Analytical (CAN), Chemistry & Applied (CAP), Chemistry, Inorganic & Nuclear (CIN), Chemistry & Medicinal (CMD), Chemistry, Multidisciplinary (CMU), Chemistry, Organic (COR) research areas. **Reviewer code AJR07407**, ISSN: 2415-6698.

3. Selected as a **reviewer of** open-access peer-reviewed research International journal “**Journal of Engineering Research and Science**” (JENRS) under the Applied Chemistry (APC), Inorganic & Nuclear Chemistry (INC), Medicinal Chemistry (MDC), Multidisciplinary, Chemistry (MLC), Organic Chemistry (ORC) research areas. **Reviewer Code: JSR0118. ISSN: 2831-4085.**
4. **Serving as a reviewer of Journal of Applied, Physical and Biochemistry Research ” (JAPBR) Open Access journal**
5. **Serving as a reviewer/member of Academic Business Current Data (ABCD) index Journal.**
6. The Editorial Board of Material Science Research India (MSRI) an **International Peer reviewed research journal** has **appointed** me as a **Reviewer** from 17<sup>th</sup> Aug 2022. (ISSN 0973-3469), **Google Scholar Index.**
7. **Active Review Member of IJERT (International Journal of Engineering Research and Technology) and Reviewer ID is IJERTREW4698** Peer-reviewed, open access and multidisciplinary engineering, technology and science journal, indexing open access databases like Google Scholar & Research Gate.
8. **Active Review Member of JETIR - Journal of Emerging Technologies and Innovative Research and Member ID is: 222499. (ISSN : 2349-5162) An International Peer-Reviewed, Refereed, Open Access & Indexed Journal**
9. **Active IJCSPUB RMS (Reviewer) Member** of the esteemed International Journal of Current Science **IJCSPUB** and Member ID : 117712 (ISSN: 2250-1770) International Peer-reviewed, Refereed Journals, and Open Access Journal
10. **Active IJRAR RMS (Reviewer) Member** of the esteemed INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS **IJRAR** and Member ID : 118052 (E-ISSN 2348-1269) International Peer Reviewed & Refereed Journal, Open Access Journal?

#### **F] Research paper Review:**

1. **Worked as a reviewer for the manuscript, which was submitted to Trends in Sciences (TiS), Walailak University, Thailand, Scopus Index Journal, 2019 SCImago Journal Rank (SJR): 0.146, Impact Factor 0.8. Date 1<sup>st</sup> Sept 2023.**
2. **Worked as a reviewer for the manuscript, which was submitted to Trends in Sciences (TiS), Walailak University, Thailand, Scopus Index Journal, 2019 SCImago Journal Rank (SJR): 0.146, Impact Factor 0.7. Date 17<sup>th</sup> Sept 2022.**
3. **Worked as a reviewer for the manuscript, which was submitted to Trends in Sciences (TiS), Walailak University, Thailand, Scopus Index Journal, 2019 SCImago Journal Rank (SJR): 0.146, Impact Factor 0.7. Date 7<sup>th</sup> April 2022.**
4. **Worked as a reviewer for the manuscript, which was submitted to Walailak**

Journal of Science and Technology (WJST), Walailak University, Thailand, **Scopus Index Journal**, 2019 **SCImago Journal Rank (SJR): 0.154**, **Impact Factor 0.7**. **Date 3<sup>rd</sup> Dec 2021**.

#### G] Award/Prize:

1. The **Open Association of Research Society (US)**, the accrediting authority of **Global Journals**, officially **accepted my application and chose my name for "Fellow of Science Frontier Research Council" (FSFRC) on 29<sup>th</sup> Aug 2022**.
2. The **INSC Awards Section and INSC International Publishers** review committee have **nominated me** for the title "**INSC Young Researcher Award - 2022**" **Volume 7, Issue 7 (4<sup>th</sup> Aug 2022)** for my **research paper** titled "Study of the binding interaction between bovine serum albumin and carbofuran insecticide: Multispectroscopic and molecular docking techniques" published in **Journal of Molecular Structure**, Volume 1249, Pages 131597, **Scopus Index Journal, Elsevier**, ISSN: 0022-2860 having **Impact Factor 3.8**.
3. **Secured First rank in oral presentation at the National Seminar on "Advanced Trends in Green Chemistry"** at Department of Chemistry, Shri Dnyaneshwar Mahavidyalaya, Newasa, Dist : Ahmednagar on **16<sup>th</sup> to 17<sup>th</sup> Jan 2017**.

#### H] Chairperson /Referee/Volunteer:

1. Selected and worked as a **Volunteer** in the '**Uthistha Bharata Contact Program Leader, IARF India Coronavirus Observatory (ICVO) Contact Program Leaders [ID # ICVO008]**' during the COVID-19 period **2020**. [iarf.res.in/coronavirus](http://iarf.res.in/coronavirus) .
2. **Worked as the Chairperson of a National Seminar on "Advanced Trends in Green Chemistry"** at the Department of Chemistry, Shri Dnyaneshwar Mahavidyalaya, Newasa, Dist : Ahmednagar on **16<sup>th</sup> to 17<sup>th</sup> Jan 2017**.
3. **Worked as a Referee/Judge for the 48<sup>th</sup> A.D.Elocution Competition, which was conducted by the Economics Department at DBNP College, Lonavala on 20<sup>th</sup> Sep 2013**.

#### I] In-charge of Committees:

1. **In-charged of the NAAC Criterion 5 : Students Support and Progression** in DBNP Arts, S.S.G.G Commerce & SSAM Science College, Lonavala. [From : 2017 to 2022]
2. **In-charged of the Reservation Cell Committee** in DBNP Arts, S.S.G.G Commerce & SSAM Science College, Lonavala.

#### J] Professional Membership:

1. **Life Member (LM:2479) of ASSOCIATION OF CHEMISTRY TEACHERS**

(ACT), Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research (TIFR) Mumbai-400088. [http://www.association\\_of\\_chemistry\\_teachers.org/MembersDirectories.aspx](http://www.association_of_chemistry_teachers.org/MembersDirectories.aspx)

2. **Honorary member** of the Research Circle organization.

**K] Recognition as a Post-Graduate Teacher of Savitribai Phule Pune University:**

1. **Recognize as a Post-Graduate Teacher of Savitribai Phule Pune University under** the faculty of Science and Technology in the subject of Chemistry with effect from 24-06-2021.

**L] Paper Setter and Examiner, in the subject of T.Y.B.Sc Chemistry :**

1. The SPPU University Authorities have been appointed as Paper Setter and Examiner, in the subject of B.Sc. (REGULAR) 2019 Credit Pattern **Paper-CH-508 Chemistry of Biomolecules (Theory), Sem. V and T.Y.B.Sc. 2019 Pattern Paper-CH-605 Inorganic Chemistry-III (Theory), Sem. VI.**

**M] Research Methodology Course:**

1. Attended and successfully completed the **Ph.D. Course work (14 Credits) in Chemistry** for **Ph.D. degree** with a "A" Grade in the proctored examination conducted by Post Graduate Teaching and Research Center, Department of Chemistry, **S.P. College, Pune**, from **April 2021 to July 2021.**
2. Attended and successfully completed the **Research Methodology Certificate Course** for **Ph.D. degree**. "**Certificate Course in Research Methodology and Publication Ethics**" with a "A" Grade in the proctored examination organized by **MES Abasaheb Garware College, Pune**, from **5<sup>th</sup> March 2021 to 24<sup>th</sup> April 2021.**

**N] Orientations/Refresher Course/Short Term Course/FDP:**



1. Attended and successfully completed the **Advanced Technologies for Leveraging Drug Development**" organized by the Institute of Chemical Technology, Mumbai under the scheme of **DST STUTI**, with **Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune** from **12<sup>th</sup> to 18<sup>th</sup> September 2022.**
2. Attended and successfully completed the **Three Days Online Faculty Development Program** on "**Recent Advancement in Nanomaterial and Green**

**Technology for Sustainable Engineering”** organized by Rajiv Gandhi Institute of Technology, Mumbai held during **6<sup>th</sup> October 2021 to 8<sup>th</sup> October 2021**.

3. Participated and successfully completed in the **Two weeks online International workshop on "Effective Research Paper Writing and Publishing Aspects"** organized by the Department of Civil Engineering, Faculty of Engineering & Technology, Manav Rachna International Institute of Research & Studies, Faridabad from **6<sup>th</sup> -17<sup>th</sup> July, 2020**.
4. Participated in **the online 3 days International STTP on "Analytical Research Trends in Pharmaceutical Industry"** Organized by Bapla College of Pharmacy In Association with "Indian Pharmaceutical Association" from **26<sup>th</sup> -28<sup>th</sup> June 2020**.
5. Attended and successfully completed **Seven Day online International Faculty Development Program on “Contemporary issues, Assessment, Collaboration, Research and Publication”** organized by Mohammad Ali Jauhar University, Rampur(U.P) And Swami Sukhdevanand College Shahjahanpur from **15<sup>th</sup> June - 21<sup>st</sup> June 2020**.
6. Attended and successfully completed the **International Faculty Development Program on “RECENT TRENDS IN SCIENCE & TECHNOLOGY”** organized by the Academic Staff College in collaboration with School of Applied Sciences and Department of International Relation, **Suresh Gyan Vihar University, Jaipur, Rajstan, India** from **15<sup>th</sup> -20<sup>th</sup> June 2020**.
7. Attended and successfully completed **One Week online International Faculty Development Program on “Innovations in Drug Delivery Systems”** organized by Bapatla College of Pharmacy, Andhra Pradesh, in association with \*Indian Pharmaceutical Association (IPA) during **31<sup>st</sup> May -5<sup>th</sup> June 2020**.
8. Attended and successfully completed **ONE WEEK FACULTY DEVELOPMENT PROGRAM on Multimedia enriched e- Content Development** at Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, **University of Delhi** under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MHRD from **21<sup>st</sup> -26<sup>th</sup> May 2020**.
9. Attended and successfully completed **One Week National Online Faculty Development Program on “ICT Tools for Effective Teaching Learning”** organized by Swami Ramanand Teerth Marathwada University, Nanded-431606, Maharashtra from **11<sup>th</sup> -16<sup>th</sup> May 2020**.
10. Attended and successfully completed **Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS" at Teaching Learning Centre , Ramanujan College, University of Delhi**, from **April 20 - May 06, 2020**.
11. Attended and successfully completed **FDP on 'MOOCs and E-learning Technologies (Online Mode Only)'** from **April 10-15, 2020** organized by FDC, M. D. University, Rohtak, Haryana.
12. Attended and successfully completed the **ARPIT Course** for Career Advancement

Scheme (CAS) promotion Leadership and Governance in Higher Education Level 2 with a "D" Grade in the proctored examination held on 16.02.2020 Savitribai Phule Pune University, Pune.

13. Attended and successfully completed the ARPIT Course for Career Advancement Scheme (CAS) promotion Online Refresher Course in Chemistry for Higher Education with a "B" Grade in the proctored examination held on 16.02.2020 Sri Guru Tegh Bahadur Khalsa College, University of Delhi, Delhi.
14. Attended and successfully completed Refresher Course in Nano science organized by UGC-HRDC, Kannur University, Kerala from 1<sup>st</sup> March 2017 to 21<sup>st</sup> March 2017.
15. Participated and successfully finished one week Science Teacher Training of Teaching & Research Process in Science Education Programme at H.V .Desai College on 4<sup>th</sup> to 11<sup>th</sup> April 2016.
16. Attended and successfully completed 24<sup>th</sup> Orientation Programme for Academic Counselor at University of North Bengal, Darjeeling on 20<sup>th</sup> Nov 2015 to 17<sup>th</sup> Dec 2015.

#### O] LIST OF PUBLICATIONS –

**Malhari C. Nagtilak,**

M.Sc. (Organic Chemistry) UGC-NET L.S, UGC-NET JRF, Assistant Professor, Lonavala College, Lonavala, Maharashtra, India: 410403.

#### I] Google Scholar

<https://scholar.google.co.in/citations?user=gbTnAYAAAAJ&hl=en>

<b>Cited by</b>	<b>All</b>	<b>Since 2017</b>
<b>Citations</b>	<b>8</b>	<b>8</b>
<b>h-index</b>	<b>1</b>	<b>1</b>
<b>i10-index</b>	<b>0</b>	<b>0</b>

#### II] Research Gate

<https://www.researchgate.net/profile/Malhari-Nagtilak/research>

#### III] ORCiD

<https://orcid.org/my-orcid?orcid=0000-0002-6424-2821>

#### IV] Scopus Author ID

<https://www.scopus.com/lookup/form/author.uri>

#### V] Web of Science Researcher ID

**ABE-6390-2021**



<https://publons.com/dashboard/summary/>

VI] SciHorizon ID

<https://www.scihorizon.com/RID-20212566>

VII] Linkedin

[https://www.linkedin.com/feed/?trk=guest\\_homepage-basic\\_nav-header-signin](https://www.linkedin.com/feed/?trk=guest_homepage-basic_nav-header-signin)

VIII] YouTube Channel

[https://www.youtube.com/channel/UCrQUSNFSboepS1\\_MYEgmJLw](https://www.youtube.com/channel/UCrQUSNFSboepS1_MYEgmJLw)

a) Paper published in Scopus/Web of science/UGC Care listed Journals :

1. “Comprehensive Evaluation of Interactions between Herbicide Terbutryn and Bovine Serum Albumin Employing Spectroscopic and Molecular Docking Approaches”

**Malhari Nagtilak<sup>a</sup>**, Satish Pawar, Sandip Labade, Sandeep Sontakke Nanasahab Gaikwad, Ranjana Jadhav\*, Shakuntala Sawant\*

**2023, European Chemical Bulletin, Volume 12, Issue 12, Pages** 1861-1875, Scopus Index, Deuton-X, ISSN: 2063-5346, Impact Factor 0.4

doi: [10.48047/ecb/2023.12.12.1232023.19/09/2023](https://doi.org/10.48047/ecb/2023.12.12.1232023.19/09/2023)

2. “Effective Removal and Recovery of Hazardous Dye, Fast Green FCF from Wastewater using Waste Green Adsorbent: Powdered Silk”

<sup>1</sup>Kiran M. Lalde, <sup>2</sup>Shakuntala S. Sawant, <sup>3</sup>Sandip N. Labade, <sup>4</sup>Malhari C. Nagtilak, <sup>5</sup>Nanasahab S. Gaikwad, <sup>6</sup>Ranjana K. Jadhav\*

**2023, European Chemical Bulletin, Volume 12, Issue 12, Pages** 1861-1875, Scopus Index, Deuton-X, ISSN: 2063-5346, Impact Factor 0.4

doi: [10.48047/ecb/2023.12.12.1442023.20/09/2023](https://doi.org/10.48047/ecb/2023.12.12.1442023.20/09/2023).

3. “Study of the binding interaction between bovine serum albumin and carbofuran insecticide: Multispectroscopic and molecular docking techniques”.

**Malhari Nagtilak<sup>a</sup>**, Satish Pawar, Sandip Labade, Chandrakant Khilare, Shankutala Sawant\*

**2022/2/5**, Journal of Molecular Structure, Volume 1249, Pages 131597, **Scopus Index, Elsevier**, ISSN: 0022-2860, **Impact Factor 3.9.**

<https://doi.org/10.1016/j.molstruc.2021.131597>

4. “Ni-doped Zinc Oxide as an Effectual Catalyst for the Synthesis of Substituted Benzimidazoles from o-Phenylene Diamine and Aldehydes at Room Temperature and their Biological Activity

**Malhari C. Nagtilak**

International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 2, Issue 4, **April 2022**, ISSN (Online) 2581-9429, **Double Blind Peer-Reviewed Referred Journal.**

5. **“Facile and Efficient One Pot Synthesis of Substituted Benzimidazoles under Ultrasonic Irradiation Using Novel Active 3% Cu-Doped Zinc Oxide Catalyst and Their Antimicrobial ...**  
**Malhari C. Nagtilak\***  
 January 2020, Journal Our Heritage, Volume 68 Issue 1, Pages 12405-12415, Publisher Our Heritage, ISSN: 0474-9030, **UGC Care Listed** (Discontinued as per UGC notification from Feb 2020).
6. **“Synthesis and characterization of fine powdered Cu-doped ZnO and their catalytic application for Ultrasound mediated synthesis of Substituted Benzimidazoles and their antimicrobial activity”**  
**M.C.NAGTILAK<sup>1</sup>**, S.N. LABADE<sup>1</sup>, S. S. SAWANT<sup>2\*</sup>  
 International Journal of Chemical & Physical Sciences, e-ISSN: 2319-6602, 2018/3, Conference RAC - **March 2018**, Volume 7, Special Issue, Pages 34-43, **UGC Care Listed**, ISSN: 2319-6602, **Impact Factor 1.02** (Discontinued as per UGC notification from 2020)
7. **“Infectious Disease COVID19 and its impact on the Mental Health of Rural areas of the people in Maharashtra , India : Issues , Problems and solutions”**  
**Malhari C. Nagtilak\***  
 An International Multidisciplinary Quarterly Research Journal, ‘AJANTA’, AJANTA Publication, Volume IX , Issue II, April **June 2020**, **UGC Care Listed**, **ISSN:2277-5730**, **Impact Factor 5.5** (www.sjifactor.com) . (Discontinued as per UGC notification from 2020)
8. **“ Evaluation of physico-chemical parameters of water samples from Maval, Pune”**  
 Sandeep G. Sontakke\*<sup>1</sup>, Vilas A. Patil<sup>2</sup>, **Malhari C. Nagtilak<sup>1</sup>** and Sandip N. Labade<sup>1</sup>  
 Pelagia Research Library, Der Chemica Sinica, **2014**, 5(1):144-147, ISSN: 0976-8505, **UGC Care Listed**, **Impact Factor 0.67**.
9. **“Physico-Chemical Characteristics of Water Samples in Maval taluka of Pune District, Maharashtra, India.”**  
 Sandeep G. Sontakke\*<sup>1</sup>, Vilas A. Patil <sup>2</sup>, **Malhari C. Nagtilak<sup>1</sup>** and Sandip N. Labade<sup>1</sup>  
 Asian Journal of Biochemical and Pharmaceutical Research, Issue 1 (Vol. 4) **2014**, ISSN: 2231-2560, **UGC Care Listed**.

**b) Chapter published in Book:**

1. **“Impact of Novel COVID-19 Emergence on the Indians Communities and Associated Psychological Problems: Stress, Depression, and Anxiety During the Corona Phase”**  
**Malhari C. Nagtilak\***  
**2020/11/29**, Volume 2, Pages 115-127. ISBN-13: 979-8574008539, ASIN: B08P4JH5V9, The Native Tribe Publisher. **DOI:10.17605/OSF.IO/HQD4W**.
2. **“The Potential Impact of Pandemic Novel COVID -19 on the Mental Health and Lifestyle Habits of the General Indian Population”**

**Malhari C. Nagtilak\***

MULTIDISCIPLINARY SUBJECTS FOR RESEARCH, VOLUME – 1,  
International Chapter Book on RED'SHINE PUBLICATION INC. Älvsjö, 12573  
Stockholm, Sweden, ISBN: 978-1-71695-479-5, **DIP: 18.21/716954795.**

**c) Paper published in International/National/ State level conference workshop/seminar:**

1. **“FE-DOPED ZINC OXIDE CATALYZED SYNTHESIS OF SUBSTITUTED BENZIMIDAZOLES UNDER SOLVENT-FREE CONDITION AT ROOM TEMPERATURE FROM O-PHENYLENE DIAMINE AND ALDEHYDES AND THEIR BIOLOGICAL ACTIVITY ”**

**Malhari C. Nagtilak\***

Published paper titled in AVLOKAN – 2020 INTERNATIONAL E-WEBINAR, RESEARCH MATRIX :2321-7073, An International Refereed Multidisciplinary Journal Of Applied Research VOLUME-3 , YEAR –7 , ISSUE –10 , **30<sup>th</sup> MAY –2020.**

2. **“The Human Coronavirus Disease COVID19 and its Chemistry: Present and Future chemical drugs for the treatment of COVID-19”**

**Malhari C. Nagtilak\***

Published paper titled in International E-Conference on SCHE-DC19-LPIW 2020, Vol. I. (ISBN: 978-93-5407-920-7), **17<sup>th</sup> May 2020.**

3. **“Major Ion Chemistry and Quality assessments of Groundwater and Surface Water in and around region of Lonavala during pre and post monsoon season, Pune, District, Maharashtra State, India”**

**Malhari Nagtilak\***

Published paper titled in One Day Interdisciplinary National Conference on Recent Techniques of Water Conservation and Management, ISBN 978-81-948682-2-4, **11<sup>th</sup> February, 2020.**

4. **“Cu-doped Zinc oxide an Efficient Catalyst for Synthesis of Substituted Benzimidazoles Under Solvent-Free Condition at Room Temperature”**

**Malhari C. Nagtilak<sup>1</sup>\***, Sandeep G. Sontakke, Sandip N. Labade

Published paper in National Seminar on "Advanced Trends in Green Chemistry" at Department of Chemistry, Shri Dnyaneshwar Mahavidyalaya, Newasa, Dist : Ahmednagar on 16<sup>th</sup> to **17<sup>th</sup> Jan 2017.** ISBN : 978-93-24457-18-9

5. **“Doped Zinc oxide catalyzed synthesis of substituted Benzimidazoles by Greener route and their antimicrobial activity”.**

**Malhari C. Nagtilak\***, Sandip N. Labade, Sandeep G. Sontakke

Published paper in International conference on GO GREEN Volume 3, Issue 7, 2017 at S.S.P.M's, C.T. Bora College, Shirur and BCUD, SPPU, Pune on 12<sup>th</sup> to **13<sup>th</sup> Jan 2017.**

6. **“Physico-Chemical Parameters of Drinking Water Samples from Five different locations in Maval Taluka, Pune, (M.S), India”.**

Sandeep G. Sontakke\*<sup>1</sup>, Vilas A. Patil <sup>2</sup>, **Malhari C. Nagtilak<sup>1</sup>** and Sandip N. Labade<sup>1</sup>

Published paper titled in 1<sup>st</sup> National Conference at Department of Environmental Science (NC2E-2014) School of Energy Studies and Department of Environmental Science, SPPU, ISBN 978-93-8393-10-9 , Pune on **20<sup>th</sup> to 22<sup>nd</sup> Feb 2014**.

**d) Poster/Oral presentation :**

- 1. Oral presentation on Topic entitled “A Comprehensive Evaluation of Interactions between Herbicide Terbutryn and Bovine Serum Albumin Employing Spectroscopic and Molecular Docking Approaches” in International Conference on Interdisciplinary Approach in Sciences towards Green Technology (IASGT-2023) 5<sup>th</sup> & 6<sup>th</sup> April 2023 organized by S. M. Joshi College, Hadapsar, Pune-28, Maharashtra, India. In Association with Maharashtra Academy of Science.**
- 2. Presented a poster in International Conference on Drug Discovery (ICDD 2022), on topic “A Comprehensive Evaluation of Interactions between broad-spectrum insecticide Bendiocarb and Bovine Serum Albumin Employing Multi-Spectroscopic, Molecular docking Approaches” hosted by Schrödinger Inc, USA in collaboration with BITS - Pilani Goa Campus at 10<sup>th</sup> & 11<sup>th</sup> of November, 2022 at BITS - Pilani Goa Campus.**
- 3. Presented a poster in International Conference on Drug Discovery (ICDD 2022), on Topic “A Spectroscopic and molecular docking study: Study of interaction between Bendiocarb and Lysozyme” hosted by Schrödinger Inc, USA in collaboration with BITS - Pilani Goa Campus at 10<sup>th</sup> & 11<sup>th</sup> of November, 2022 at BITS - Pilani Goa Campus.**
- 4. Presented an e-poster in Three days online International conference “Colloquium 2020 on “Interaction study of Terbutryn with Bovine Serum Albumin: A Spectroscopic and Molecular docking approaches” “Innovations in Pharmacy and Green Chemistry in Post Covid-19 era” by Department of Pharmaceutical Technology, Biotechnology & Chemistry, JIS University, Kolkata, West Bengal from 11-13<sup>th</sup> June 2020.**
- 5. Oral presentation in International web conference on Science, Engineering & Technology (IWCSET-2020) titled “A Spectroscopic and molecular docking study: Study of interaction between Carbofuran and Lysozyme” on 15-16<sup>th</sup> May 2020.**
- 6. Poster presentation in National E-conference on Interdisciplinary research in Science & Technology (NCIRST-2020) titled “A Spectroscopic and Molecular docking study: Study of Interaction between alpha - Chloralose and Lysozyme” on 30<sup>th</sup> -31<sup>th</sup> May 2020.**
- 7. Presented an e-poster in 2<sup>nd</sup> International twitter conference #Nanobio20 titled “Implementation of Action plan for Control of Fake rumors on Novel Epidemic Corona Virus” organized by The New College Kolhapur**

jointly organized with Dada Patil Mahavidyalaya , Karjat and Knowledge partner Department of Botany , Shivaji University, Kolhapur from **13<sup>th</sup>–15<sup>th</sup> April 2020**.

- 8. Poster presentation in International Conference on Advances in Chemical Science - 2018 (ACS - 2018), titled “Study of interaction between Furadan (Carbofuran) and bovine serum albumin: A Spectroscopic and molecular docking study”, S.M.Joshi College, Hadapsar, Pune on 25<sup>th</sup> Dec 2018.**
- 9. Poster presentation in state level seminar on " RECENT ADVANCES IN CHEMISTRY RAC - March 2018 ” at DBNP Arts, S.S.G.G Commerce & Science College, Lonavala, on March 2018.**
- 10. Poster presentation in International Conference on Interdisciplinary Approach in Chemical Research ( IACR 2017), S.M.Joshi College, Hadapsar, Pune on 25<sup>th</sup> Dec 2017.**
- 11. Oral presentation in National Seminar on "Advanced Trends in Green Chemistry" at Department of Chemistry, Shri Dnyaneshwar Mahavidyalaya, Newasa, Dist : Ahmednagar on 16<sup>th</sup> to 17<sup>th</sup> Jan 2017.**
- 12. Poster presentation in International conference on GO GREEN on at S.S.P.M's, C.T. Bora College, Shirur and BCUD, SPPU, Pune on 12<sup>th</sup> to 13<sup>th</sup> Jan 2017.**
- 13. Presented paper in 10<sup>th</sup> International online conference on “Impact of COVID-19 on Global and local Economy and recovery strategies” by Sai Ram Engineering College, Chennai on 16-17<sup>th</sup> June 2020.**
- 14. Poster presentation in National conference on Animal Dissection - Need & alternatives on 3<sup>rd</sup> & 5<sup>th</sup> Feb 2017 at Dr.BNP College, Lonavala.**
- 15. Poster presentation in National Conference on "Environment and Development” 9<sup>th</sup> to 10<sup>th</sup> Sept 2016 at DBNP Arts, S.S.G.G Commerce & Science College, Lonavala.**
- 16. Poster presentation in Regional Research Conference for University College Teachers INNOVATION 2015 at SMBST College, Sangamner, SPPU, Pune on 5<sup>th</sup> July 2015.**
- 17. Poster presentation in 1st National Conference at Department of Environmental Science (NC2E-2014) School of Energy Studies and Department of Environmental Science, SPPU, Pune on 20<sup>th</sup> to 22<sup>nd</sup> Feb 2014.**
- 18. Poster presentation in Regional Research Conference for University College Teachers INNOVATION 2014 at B.R. Golap College, Sanghavi on 29<sup>th</sup> April 2014.**

e) Participated in International/National Conference /Workshop/Seminar :

1. Participated & contributed in one day workshop on Restructuring of syllabus at F. Y.B.Sc. (Chemistry) in the light of NEP- 2020, Jointly organized by Department of Chemistry, IQAC, S.M.B.S.T. College, Sangamner & Board of Studies Chemistry, Savitribai Phule Pune, University, Pune on Wednesday 20<sup>th</sup> September 2023 at S.M.B.S.T. College Sangamner.
2. Participated in National Webinar **“Biodiversity and it’s conservation” on 19<sup>th</sup> August 2023** held at the department of Chemistry Government SSP College Waraseoni on online mode.
3. Participated in **One Day Syllabus Restructuring Workshop (As per NEP-2020) for M.Sc. Chemistry Part-I**, jointly organized by the Department of Chemistry, Loknete Vyankatrao Hiray Arts, Science and Commerce College, Panchavati, Nashik and Board of Studies, Savitribai Phule Pune University, Pune held on **10<sup>th</sup> July 2023**.
4. Attended Webinar Series on **“Molecular Dynamic Simulation Studies: Role in Drug Discovery** Organized by TTS Academy, Madurai Branch, Tamilnadu, India on **30<sup>th</sup> Oct 22**.
5. Attended **“Reviewer workshop: How to get the most out of being a reviewer of scientific articles”** organized by Elsevier Researcher Academy on Campus on **10<sup>th</sup> Aug 2022**.
6. Participated in the **IPR awareness/training program under the special mission called “National Intellectual Property Awareness Mission (NIPAM)”** at Lonavala Education Trust's, Dr.BNP Art's SSGG Commerce SSAM Science College Lonavala on **18/05/2022**.
7. Participated in webinar on **"Advance level online Workshop on Structural Equation Modeling Using Smart PLS Software 3.3.3"** organized by Research Circle held on **18<sup>th</sup> - 20<sup>th</sup> September 2021**.
8. Participated in **Teacher's Workshop on "New Revised Syllabus of T. Y. B. Sc. Chemistry SPPU Pune"** on **30<sup>th</sup>Aug 2021** organized by Department of Chemistry PDEA’s Prof. Ramkrishna More ACS College Akurdi, Pune-44. Under DBT-STAR College Scheme.
9. Participated in the **8th Computational Chemistry Workshop – 2021, (CCW-2021)** organized by the Dr. Nikhil Aggarwal, AIMS Institute, Delhi under a Professional Training Program category, held from **24<sup>th</sup>– 28<sup>th</sup> MAY 2021** (Five Days) via Online Mode.
10. Participated in Two days **Teacher's Training Programme on “Designing Interactive Virtual Chemistry Practical using Power Point”** organized by BOS, Chemistry, SPPU and Department of Chemistry PDEA’s Prof. Ramakrishna More, ACS College Akurdi, Pune-44. Under DBT-STAR College Scheme on **7<sup>th</sup> and 8<sup>th</sup> May 2021**.
11. Participated in the Webinar on **“Pharmaco-Informatics based screening**

**of chemical databases for lead-like molecules: Applications in SERS-CoV-2**” on **4<sup>th</sup> February, 2021** organized by School of Pharmaceutical Technology, Adamas University, Kolkata.

12. Participated in webinar on **“Tips and Techniques to Publish High Impact Journal Papers”** organized by Research Circle held on **7<sup>th</sup> Aug 2020**.
13. Attended the **two day International webinar** on **“Emerging Trends in Chemistry Education and Research (ETCER)”** Organized by Wilson College in association with University of Mumbai and Association of Chemistry Teachers **25<sup>th</sup> & 26<sup>th</sup> JUNE 2020**.
14. Attended **"Learning Essentials of Research Planning using Elsevier Tools: Scopus, Science Direct & Mendeley"** at National Institute of Food Technology Entrepreneurship and Management, Sonipat, Haryana, India, **Researcher Academy, Elsevier** on Wednesday **24<sup>th</sup> June, 2020**.
15. Participated in the **Science Leadership Workshop** organized by the central university of Punjab, Bathinda, India from **22-28<sup>th</sup> June 2020**.
16. Attended National Webinar on **“RECENT ADVANCES IN MODERN ANALYTICAL TECHNIQUES”** Organized by Placement Cell, A.U. College of Science & Technology, Andhra University And PerkinElmer India Pvt. Ltd, from **22<sup>nd</sup> –24<sup>th</sup>, JUNE 2020**.
17. Attended **National webinar** titled **‘Organic chemist and Spectroscopy: Introduction of NMR and its application in structure determination’** by Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore on **28<sup>th</sup> May 2020**.
18. Participated in the Faculty Development Programme: National Webinar entitled **“Towards Excellence in Higher Education in India in the 21<sup>st</sup> Century: Challenges and Opportunities”** organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, **University of Delhi** under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on **29<sup>th</sup> April 2020**.
19. Participated in the Faculty Development Programme: National Webinar entitled **“Roles of Teachers in Technology driven Higher Education”** organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, **University of Delhi** under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on **25<sup>th</sup> April 2020**.
20. Attended and Completed the following module **“Guide to reference managers: How to effectively manage your references”** Organized by **Researcher Academy, Elsevier**, on Thursday **23<sup>rd</sup> April, 2020**.
21. Participated in the Faculty Development Programme: National Webinar entitled **“National workshop on Development of Teacher’s e-kit-CHEMISTRY”** organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, **University of Delhi** under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

(PMMMNMTT) of MHRD on **21<sup>st</sup> April 2020.**

22. Participated in the Faculty Development Programme: National Webinar entitled “**Development of Higher Education in India: An Overview**” organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, **University of Delhi** under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on **16<sup>th</sup> April 2020.**
23. Participated in the Faculty Development Programme: National Webinar entitled “**ICT Enabled Higher Education in India: Challenges and Opportunities**” organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, **University of Delhi** under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on **13<sup>th</sup> April 2020.**
24. Participated in the **workshop on "Revision of Syllabi of T.Y.B.Sc Chemistry** at Dr. Arvind. B. Telang College on **8<sup>th</sup> Jan 2015.**
25. Participated in **Importance of Scientific terminology in Marathi Workshop** at DBNP College, Lonavala on **25<sup>th</sup> to 26<sup>th</sup> Sep 2013.**
26. Participated in **One Day Workshop on Introduction of Credit System** at DBNP College, Lonavala on **30<sup>th</sup> July 2013.**
27. Participated in **State Level Seminar on Recent Trends in Chemistry at Pirangut, Pune** on **22<sup>nd</sup> to 23<sup>rd</sup> Feb 2013.**
28. Participated in **2nd International Conference** at Solapur University, Solapur on **2<sup>nd</sup> to 4<sup>th</sup> Nov 2012.**
29. Participated in **National level seminar (IYC-2011)** at Royal College, Thane on **20<sup>th</sup> DEC 2011.**

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**DECLARATION:**

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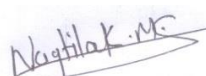
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I **Asst. Prof. Malhari C. Nagtilak** hereby confirm that the information given above is true and correct to the best of my knowledge and belief.

**Date:**

**Yours Sincerely**

**Place: Pune.**





**(Asst. Prof. Malhari Chandrarsh Nagtilak)**

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