



Rajendra S. Mane, MSc, CSIR-UGC-NET-JRF, GATE, PhD

Assistant Professor in Organic Chemistry,
Department of Chemistry,
Dr. S. D. D. Arts College & Commerce & Science College, Wada,
(Affiliated to University of Mumbai)
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Summary:

Assistant Professor in Organic Chemistry at Dr. S. D. D. Arts College and Commerce and Science College, Wada (**Since 16-06-2014**)
SERB International Research Experience (SIRE) award-University of Florida, USA
Post-doctoral Research Fellow - University of Uppsala, SWEDEN
Ph. D. (Organic Chemistry) - University of Pune, INDIA
Ph. D. Exchange Research Student - University of Regensburg, GERMANY

Personal Information:

Full Name: Rajendra Shantilal Mane
Date of Birth: 16th May 1982
Nationality: Indian
Sex: Male
Marital Status: Married
Languages Known: English, Hindi, and Marathi

Academic Background:

<i>Qualification</i>	<i>Institute</i>	<i>Year</i>
Ph. D. (Organic Chemistry)	Department of Chemistry, University of Pune	June 2011
CSIR-UGC-NET (JRF) (Chemical Sciences)	CSIR-UGC, New Delhi	June 2005
GATE	IIT Bombay, Mumbai	March 2005
M. Sc. (Organic Chemistry) (2nd Rank)	Ahmednagar College, University of Pune	June 2004
B. Sc. (Chemistry) (1st Rank)	Ahmednagar College, University of Pune	July 2002
H. S. C.	Pune Board	March 1999
S. S. C	C. B. S. E., Delhi	June 1997

Research Interests:

Synthetic Organic Chemistry, Carbohydrate Chemistry, Natural Products Synthesis, Catalysis.

Fellowships/Awards/Recognitions:

- **SERB International Research Experience (SIRE) award_2022-2023** for 6 months with Prof. Zhongwu Guo, Department of Chemistry, **University of Florida, USA**.
- **Referee for examining the Ph. D. Thesis for the Degree of Doctor of Philosophy in Science and Technology of the Savitribai Phule Pune University (2023).**
- **Recognition as a PG teacher** to guide students for the M.Sc. degree (Organic Chemistry) (By Research) of the University of Mumbai w. e. f. 23-02-2022.
- **Recognition as a Ph.D. guide** to guide students for the Ph.D. degree (Chemistry) of the University of Mumbai w.e.f. 20-05-2021.
- **Recognition as a PG teacher** to guide students for the M.Sc. degree (Organic Chemistry) (By Papers) of the University of Mumbai w.e.f. 03-07-2019.
- Selected as a **“District Coordinator (Palghar)”** of ‘Research, Innovation and Incubation Committee’ by **Govt. of Maharashtra, Regional Joint Director, Higher Education, Konkan Region** since 20-01-2020.
- **“The Excellence in Research Award”** for promoting research activity at Dr. S. D. D. Arts College and Commerce and Science College, Wada on **‘Inauguration of Research Laboratory’** through SERB funded major research project on 22-10-2018.
- **Post-doctoral Research fellowship** under **“EXPERTS PROGRAM” (Erasmus Mundus Partnership in South and South-East Asia)** with *Prof. Mats Larhed, Division of Medicinal Chemistry, University of Uppsala, Sweden (13-09-2011 to 13-09-2013)*.
- **Doctor of Philosophy (Ph. D.) Degree in Organic Chemistry** from *Department of Chemistry, University of Pune, Pune (02-06-2011)*.
- **Ph. D. Exchange Research Student Fellowship** under **“INDIGO PROGRAM” (Indian–German Graduate School of Advanced Organic Synthesis for Sustainable future)** between the *University of Pune, Pune and University of Regensburg, Germany with Prof. Oliver Reiser (funded by BASF, Germany) (01-11-2008 to 30-04-2009)*.
- **Project Internship** at *BASF-The Chemical Company, Ludwigshafen, Germany* as a part of the *INDIGO PROGRAM (01-05-2009- 30-06-2009)*
- **Senior Research Fellowship (SRF)** of the *Council of Scientific and Industrial Research (CSIR-UGC): (21-02-2008 to 20-02-2011)*
- **Junior Research Fellowship (JRF)** of the *Council of Scientific and Industrial Research (CSIR-UGC): (20-02-2006 to 20-02-2008)*
- **Graduate Aptitude Test in Engineering Exam (GATE): June 2005**
- **Junior Research Fellowship (JRF)** of the *Defense Research and Development Organization (DRDO): (01-03-2005 to 01-02-2006)*
- **Project Assistant** under a collaborative research program between *LUPIN Research Park, Pune, and the University of Pune (01-08-2004 to 01-03-2005)*.

Work Experience:

• **Major Research Project:**

Title	Cost in Rs.	Duration	Role	Agency	Status
Design and Stereoselective synthesis of Aminocyclitols, Pactamycin and Zwittermicin A via Carbohydrate derived Nitrones	36,66,000 (Sanctioned)	Duration: (2018-2022)	PI	SERB, DST, New Delhi, Govt. of India	Completed

- Working as an **Assistant Professor in Chemistry** at Dr. S. D. D. Arts College and Commerce and Science College, Wada (University of Mumbai), **since 14-06-2014**.
Teaching Experience: U. G. Classes- 09 years

- As a **SERB International Research Experience (SIRE) Fellow**: research projects were "Synthesis of Labeled Glycosphingolipids Used for Biological Studies."

- As a **Post-doctoral Research Fellow**: research projects were-
 1. Palladium-catalyzed carbonylative synthesis of *N*-cyanobenzamides
 2. Anti-tuberculosis agents (in collaboration with AstraZeneca, Bangalore, India)

- As a **Ph. D. Research Fellow**: my area of work was **Synthetic Carbohydrate Chemistry**
Title of Thesis: "Synthesis and Biological Activity Evaluation of γ -Hydroxyalkyl Substituted Piperidine Iminosugars, Polyhydroxy Aminosugar, Pyranosyl Nucleosides and Studies towards the Synthesis of (+)-Zwittermicin A Analogues from D-Glucose."

Research Guide: *Prof. Dilip D. Dhavale, Department of Chemistry, University of Pune, Pune.*
Research projects were-

Synthesis of hitherto unknown γ -1,2-dihydroxyethyl and hydroxymethyl substituted piperidine iminosugars and study of their glycosidase inhibitory activity; Synthesis of pyranosyl adenine nucleoside analogue, representing a carbohydrate core of amipurimycin with C-3 dihydroxyethyl side chain and study of its antifungal and anticancer activity; Synthesis of Anomeric Anhydrosugars- Conformationally locked potent α -Mannosidase inhibitors; and Studies towards the Synthesis of (+)-Zwittermicin A analogues.

- As a **Ph. D. Exchange Research Student Fellow**: During the *INDIGO Program*; Synthesis of (+)-Zwittermicin A and analogues.
- As a **Project Intern**: As a part of *INDIGO Program* at *BASF-The Chemical Company*; Synthesis of Novel Antifungal Agents.
- As a **DRDO-JRF**: Synthesis of polynitro compounds: as promising high-energy materials.
- As a **Project Assistant**: During the collaborative research programme between *LUPIN Research Park and the University of Pune*; Synthesis of several amino esters derived from carbohydrates.

Guest lectures/Chairperson/ Resource person/Convener/Organizer:

1. **Advisory Committee Member** of the Two Days Interdisciplinary International E–Conference on “Recent Trends in Humanities, Social Sciences, Sciences and Commerce” organized by Arts, Commerce and Science College, Onde Tal. Vikramgad, Dist. Palghar on 20-03-2023 to 21-03-2023.
2. **Organizing Committee Member** of the One Day International Conference on “Recent in Chemical Sciences” organized by Sonopant Dandekar Arts, V.S. Apte Commerce and M.H. Mehta Science College, Palghar on 10-03-2023.
3. **Resource Person** for a Workshop on “Writing a Strong Research Proposal” organized by Dandekar College, Palghar on 23-04-2022.
4. **Resource Person** for a Workshop on “Writing a Strong Research Proposal” organized by K. M. Agrawal College, Kalyan on 03-04-2022.
5. **Coordinator** of an **Online National level Awareness/Training program under NIPAM, Govt. of India** on “Intellectual Property Rights” organized by Intellectual Property Office, India in collaboration with Research Committee, Science Forum and IQAC, Dr. S. D. D. Arts College & Commerce & Science College, Wada on 28-02-2022.
6. **Chairperson** for the E-Poster presentation as a part of “two days national conference on Advances in Chemical Sciences and Sustainable Development (ACSDD-2021 (ACSDD-2021))” at VPM’s B N Bandodkar College of Science Thane in collaboration with Dr. Homi Bhabha state university, Institute of Science, Mumbai on 10-04-2021.
7. **Guest Lecture** on the topic “Nobel laureates in Chemistry” on “National Science Day” organized by Kongunadu Arts and Science College, Coimbatore, Tamilnadu on 28-02-2020.
8. **Guest Lecture** on the topic “Nano Carbohydrates” in Two Days National Level Seminar on “Current Scenario of Medicinal Nano Chemistry in Target Drug Design” a Department of Chemistry, Kongunadu Arts and Science College, Coimbatore, Tamilnadu on 27-02-2020.
9. **Organizing Committee Member** of the Seminar on “Paani Parishad...Dharani Dharani Paani De” organized by Maharashtra Rajya Chikoo Utpadak Sangh, Rotary Club of Dahanu and NBS’s Sau. S. R. K. & Late M. B. B. I. College, Dahanu on 23-03-2019.
10. **Co-Convener** of a **One Day National Multidisciplinary Conference** on “Nature Resource Based Sustainable Development with Special Reference to Tribal Community Rights” at Dr S. D. D. Arts College and Commerce and Science College, Wada, MS, India on 19-10-2019.
11. **Convener** of a **One Day National Conference** on “Recent Trends and Developments in Environmental and Basic Sciences (RTDEBS 2018)” at Dr. S. D. D. Arts College and Commerce and Science College, Wada, MS, India on 10-03-2018.
12. **Delivered a lecture** on the topic “Radio¹⁴Carbon Dating” in a Workshop on “¹⁴Carbon Archeological Dating System” organized by Department of Chemistry in collaboration with Department of History at Dr S. D. D. Arts College & Commerce & Science College, Wada on 08-10-2018.
13. **Delivered a lecture** on the topic “Teamwork and Leadership Development by demonstrating Role Play” in the Seven Day Residential Camp at Malwada School, organized by Dr. S.D.D. Arts College & Commerce & Science College, Wada on 20-12-2019.
14. **Delivered a lecture** on the topic “Teamwork and Leadership Development by demonstrating Role Play” in the Seven Day Residential Camp at Malwada School,

organized by Dr. S.D.D. Arts College & Commerce & Science College, Wada on 27-12-2018.

15. **Delivered a lecture** on the topic **“Family Planning: Empowering People, Developing Nations”** on **“World Population Day”** at Dr S. D. D. Arts College & Commerce & Science College, Wada on 11-07-2017.

16. **Delivered a lecture** on the topic **“Zoonoses”** on **“World Zoonoses Day”** at Dr. S. D. D. Arts College & Commerce & Science College, Wada on 06-07-2017.

Orientation C/ Refresher C/ Short Term C/ Workshop/FDP:

S.N.	Program	Duration
1.	General Orientation Course organized by UGC, HRDC, Panjab University, Chandigarh	28-04-2016 to 25-05-2016
2.	Refresher Course in Chemistry organized by UGC, HRDC, Panjabi University, Patiala	25-09-2017 to 14-10-2017
3.	National Level Workshop on “Sophisticated Analytical Instrumentation for Advanced Research” under the aegis of Ministry of Education’s “Pandit Madan Mohan Malviya National Mission on Teachers and Teaching” (PMMMNMTT), MHRD, Govt. of India, Teaching Learning Centre (TLC) organized by Central Instrumentation Facility (CIF), SPPU, Pune in collaboration with Department of Chemistry, SPPU, Pune	05-03-2019 To 09-03-2019
4.	AICTE approved Annual Refresher Program in Teaching (ARPIT) “Online Refresher Course in Chemistry for Higher Education.” under the scheme of “SWAYAM, MHRD, Govt. of India (Exam Date 16-02-2020)	Online 01-09-2019 to 31-12-2019
5.	Online Short-Term Course “Research Methodology in Basic Sciences” organized by UGC, HRDC, University of Mumbai	Online 21-09-2020 to 26-09-2020
6.	6 days Certificate Course on “EXCEL” under the aegis of Ministry of Education’s “Pandit Madan Mohan Malviya National Mission on Teachers and Teaching” (PMMMNMTT), MHRD, Govt. of India, Teaching Learning Centre (TLC) organized by Ramanujan College, (University of Delhi) in collaboration with Indian Accounting Association, NCR Chapter.	Online 19-04-2021 to 24-04-2021
7.	Online Two-Week Interdisciplinary Refresher Course in “ADVANCED CONCEPTS IN DEVELOPING MOOCS” under the aegis of Ministry of Education’s PMMMNMTT, MHRD, Govt. of India, Teaching Learning Centre (TLC) organized by Ramanujan College, (University of Delhi) in collaboration with Davangere University, Karnataka.	Online 06-10-2021 to 20-10-2021 (Grade A+)
8.	Online Two-Week Refresher Course in “Chemistry” under the aegis of Ministry of Education’s PMMMNMTT, MHRD, Govt. of India, Teaching Learning Centre (TLC) organized by Ramanujan College, (University of Delhi)	Online 29-11-2022 to 13-12-2022 (Grade A+)
9.	Online Two-Week Refresher Course in “Chemistry” under the aegis of Ministry of Education’s PMMMNMTT, MHRD, Govt. of India, Teaching Learning Centre (TLC) organized by Ramanujan College, (University of Delhi)	Online 30-06-2023 to 14-07-2023 (Grade A+)

List of Publications:

1. "Synthesis of γ -Hydroxyalkyl Substituted Piperidine Iminosugars from D-glucose."
Rajendra S. Mane, K. S. Ajishkumar and Dilip D. Dhavale*
J. Org. Chem. **2008**, *73*, 3284-3287. DOI: [10.1021/jo800044r](https://doi.org/10.1021/jo800044r)
2. "Synthesis of an Adenine Nucleoside Containing the (8'R) Epimeric Carbohydrate Core of Amipurimycin and its Biological Study."
Rajendra S. Mane, Sougata Ghosh, Balu A. Chopade, Oliver Reiser and Dilip D. Dhavale*
J. Org. Chem. **2011**, *76*, 2892-2895. DOI: [10.1021/jo102193q](https://doi.org/10.1021/jo102193q)
3. "Synthesis of Anomeric 1,5-anhydrosugars as Conformationally Locked Selective α -Mannosidase Inhibitors."
Rajendra S. Mane, Sougata Ghosh, Shailza Singh, Balu A. Chopade and Dilip D. Dhavale*
Bioorg. Med. Chem. **2011**, *19*, 6720-6725. DOI: [10.1016/j.bmc.2011.09.046](https://doi.org/10.1016/j.bmc.2011.09.046)
4. "Theoretical and Experimental Investigation of Palladium(II)-Catalyzed Decarboxylative Addition of Aryl Carboxylic Acid to Nitrile"
Fredrik Svensson, **Rajendra S. Mane**, Jonas Sävmarker, Mats Larhed, Christian Sköld*
Organometallics, **2013**, *32*, 490-497. DOI: [10.1021/om3009525](https://doi.org/10.1021/om3009525)
5. "Palladium catalyzed carbonylative synthesis of *N*-cyanobenzamides from aryl halides and cyanamide"
Rajendra S. Mane, Patrik Nordeman, Luke R Odell, Mats Larhed*
Tetrahedron Letters, **2013**, *54*, 6912-6915. DOI: [10.1016/j.tetlet.2013.10.040](https://doi.org/10.1016/j.tetlet.2013.10.040)
6. "Design and synthesis of novel conformationally constrained 7,12-dihydrodibenzo[b,h][1,6] naphthyridine and 7H-Chromeno[3,2-c] quinoline derivatives as topoisomerase I inhibitors: in vitro screening, molecular docking and ADME predictions"
Ramakant A. Kardile, Aniket P. Sarkate, Avinash S. Borude, **Rajendra S. Mane**, Deepak K. Lokwani, Shailee V. Tiwari, Rajaram Azad, Prasad VLS Burra, Shankar R. Thopate*
Bioorganic Chemistry, **2021**, 105174. DOI: [10.1016/j.bioorg.2021.105174](https://doi.org/10.1016/j.bioorg.2021.105174)
7. "Lung Surfactants: An Overview of the Role in Respiratory Diseases"
Sunil G. Gadakh, **Rajendra S. Mane***, Janwadkar Suhas, Yadav D. K.
Research Journey, **2023**, *323*, 72-76. (E-ISSN: 2348-7143).

Paper presented in Conferences:

1. "Polar, Water soluble, Natural Aminopolyol Antibiotic: Zwittermicin A: Biological Significance and Synthetic Approaches" **Rajendra S. Mane***
International Conference on Interdisciplinary Approaches in Chemical Sciences (IACS-2021) (online) at Department of Chemistry, M. E. S's Abasaheb Garware College, Pune, **21st -23rd October 2021.**

2. "Plants to face Pollution in the Context of COVID-19: Cost-Effective and Green Air Purifiers" **Rajendra S. Mane***
International Conference on Environment, Development and Sustainability (ICEDS-2022) (online) at Athalye-Sapre-Pitre College, Devrukh, Maharashtra, India in collaboration with Srushtidnyan and Sahyadri Sankalp Society, India, **29th -30th March 2022.**
3. "Surfactants based Efficient and Greener Micellar Catalysis in the Synthesis of C–C, C–O, and C–N bonds: An Update." Sunil G. Gadakh, **Rajendra S. Mane***
One Day International Conference on "Recent Advances in Chemical Sciences" (RACS-2023) at S. D. Arts, V. S. A. Commerce & M. H. M. Science college, Palghar, **10th March 2023.**
4. "Scenario Assessment of National Carbon Market and Farmers: Current Status and Future Goals" **Rajendra S. Mane***
A Two Day Interdisciplinary International E–Conference on "Recent Trends in Humanities, Social Sciences, Sciences and Commerce" (ICRTHSSC-2023) at Arts, Commerce and Science College, Onde, **20th -21st March 2023.**

Other Achievements:

1. **Teacher-Member** of 'CDC' at Dr. S. D. D. Arts College and Commerce and Science College, Wada (AY 2023-24).
2. **Teacher-Member** of 'IQAC' at Dr. S. D. D. Arts College and Commerce and Science College, Wada (AY 2023-24).
3. **Coordinator** of **Science Forum, Green Club** and **Research Committee** at Dr. S. D. D. Arts College and Commerce and Science College, Wada (AY 2023-24).
4. **As a "Teacher-In-charge and Research Guide"** of "**14th Inter-Collegiate/ Institute/ Department AVISHKAR Research Convention: 2019-2020**" (District level Research Project Competition). Project Title: "Plants: Cost Effective and Green Air Purifiers for Pollution Hotspots" in Pure Science Category and UG level at the selection round for Palghar District Zone at Sonopant Dandekar College, Palghar on 07-12-2019.
5. "**First Prize in Poster Presentation**" titled "Synthesis and Biological Activity of Sugar derived Aminocyclitols" in a One Day National Conference on "Recent Trends and Developments in Environmental and Basic Sciences (RTDEBS 2018)" at Dr S. D. D. Arts College and Commerce and Science College, Wada, MS, India on 10-03-2018.
6. **Executive Editor** of International Multidisciplinary E- Research Journal: '**RESEARCH JOURNEY**' Special Issue 201(A) and 201(B): Nature Resources Based Sustainable Development with Special Reference to Tribal Community Rights, October-2019, ISSN: 2348-7143.
7. **Reviewer** of the Journal "**Materials Today: Proceedings**" published by Elsevier.
8. **Reviewer** of the Journal "**Analytical Chemistry Letters**" published by Taylor and Francis.
9. **Member of the Expert Committee** for Extension of the new course (M. Sc. Chemistry by Papers) at SGVSSP's Arts, Commerce & Science College, Onde A/P-Onde, Vikramgad, Dist-Palghar on 03-03-2019.
10. **Promoted a Research activity by setting up a "Bio-organic Research Laboratory"** at Department of Chemistry, Dr. S. D. D. Arts College and Commerce and Science College, Wada through a SERB-funded major research project on 22-10-2018.

Role/Awards/Participation in Seminar/ Webinar/ Conferences/ Workshops/ Symposiums:

1. Participated in an **Online Webinar** on **“Grants for Top Researchers from India”** organized by Webinar European Research Council on 14-07-2022.
2. Participated in a **One Day Online National Webinar** on **“Experiential Learning as Envisaged in NEP-2020”** organized GAD, TLC, SGTB Khalsa College, University of Delhi under the aegis of Ministry of Education, PMMMNMTT on 19-06-2022.
3. Participated in an **Online National level Webinar** on **“Emerging Trends in Chemical Sciences”** organized by Karjat College, Raigad on 11-03-2022.
4. Participated in an **Online National level Awareness/Training program under NIPAM, Govt. of India** on **“Intellectual Property Rights”** organized by Research Committee and Science Forum in collaboration with IQAC, Dr. S. D. D. Arts College & Commerce & Science College, Wada on 28-02-2022.
5. Participated in an **Online National level Webinar** on **“DCPS te NPS: Mahiti ani Margdarshan”** organized by St. Joseph College, Satpala, Virar on 21-02-2022.
6. Participated in an **Online National level Webinar** on **“Tools and Techniques in Analytical Chemistry”** organized by Department of Chemistry in collaboration with IQAC, Dr. S. D. D. Arts College & Commerce & Science College, Wada on 30-10-2021.
7. Participated in an **Online National level Webinar** on **“Intellectual Property Rights: Why and How to fill Patent”** organized by Department of Physics in collaboration with IQAC, Dr. S. D. D. Arts College & Commerce & Science College, Wada on 27-10-2021.
8. Participated in a **One Day Online National Webinar** on **“Teacher’s e-Kit: A Four Quadrant Approach for Development of OERs for Higher Education”** organized GAD, TLC, SGTB Khalsa College, University of Delhi under the aegis of Ministry of Education, PMMMNMTT on 09-09-2021.
9. Participated in an **Online One-day International Webinar** on **“Synthetic Methods of Nanoparticles and their Interesting Properties”** organized by Dept. of Physics & Chemistry and IQAC, MGVC Arts, Commerce and Science College, Muddebihal on 04-08-2021.
10. Participated in an **Online National level Webinar** on **“Writing and Evaluation of Scientific Research Articles”** organized by Research Promotion Cell, Seth Kesarimal Porwal College of Arts, Science and Commerce, Kamptee in collaboration with Department of Chemistry, Taywade College, Mahadula-Koradi on 31-07-2021.
11. Participated in an **Online Workshop** on **“An insight into CAS and its recent Amendments in accordance with the 7th pay Commission”** organized by Faculty Development Cell and IQAC, PDL College of Commerce and Economics in association with University of Mumbai on 24-07-2021.
12. Participated and Completed **Two-days online training course for teaching faculty of Universities and Colleges on ‘Conservation Issues in India’** organized by **Government of India, Ministry of Environment, Forest, and Climate Change Central Academy for State Forest Service (CASFOS)**, Dehradun, Uttarakhand from 19-07-2021 to 20-07-2021.
13. Participated in a **One Day Online National Webinar** on **“Implementation of Academic Bank of Credits”** organized GAD, TLC, SGTB Khalsa College, University of Delhi under the aegis of Ministry of Education, PMMMNMTT on 10-07-2021.
14. Participated in an **Online One-day National Symposium** on **World Environment Day** dedicated to Environmentalist **Shri. Sundarlal Bahuguna** organized by Gujarat Vidyapith, Ahmedabad IQAC Cell & Centre for Studies in Rural Management, Randheja,

- Gandhinagar in collaboration with Sonopant Dandekar Arts, V.S. Apte Commerce and M. H. Mehta Science College, Palghar, Maharashtra on 04-06-2021.
15. Participated in an **Online Webinar** on **“New Amendments in CAS”** organized by IQAC, Patkar and VIVA College on 03-04-2021.
 16. Participated in a **One Day Online International Level Webinar** on **“Bio-Nano Frontiers”** organized by Department of Chemistry in collaboration with IQAC, DVAC & GCBUSC & Comm. College, Goregaon-Raigad on 27-02-2021.
 17. Participated in an **Online National level Webinar** on **“Intellectual Property Rights”** organized by Department of Zoology in collaboration with IQAC, GM Vedak College, Tala-Raigad on 22-02-2021.
 18. Participated in a **One Day Online National Workshop** on **“ICT Tools for Chemistry Teachers”** organized GAD, TLC, SGTB Khalsa College, University of Delhi under the aegis of Ministry of Education, PMMMMNMTT on 22-02-2021.
 19. Participated in a **RUSA Sponsored National Webinar** on **“Emerging Trends in Entrepreneurship Research”** organized by EIC, KBP College, Vashi, Navi Mumbai on 20-02-2021.
 20. Participated in a **RUSA Sponsored Two Days Online Workshop** on **“Know your Molecules: Through Sophisticated Instrumentation Techniques”** organized by Dept. of Chemistry, St. Xavier’s College, Mumbai from 17-02-2021 to 18-02-2021.
 21. Participated in a **RUSA Sponsored Research Methodology Workshop** organized by Dept. of Chemistry, KBP College, Vashi, Navi Mumbai on 12-02-2021.
 22. Participated in a **RUSA Sponsored Two Days Online Capacity Building Workshop** on **“Create Multimedia Presentations using Android”** organized by DLLE, HJCE from 04-02-2021 to 05-02-2021.
 23. Participated in an **Online National level Workshop** on **“Intellectual Property Rights”** organized by Department of Zoology in collaboration with IQAC, ACS College, Lanja on 22-01-2021.
 24. Participated in an **Online State level Webinar** on **“NEP-2021-HEI Spectrum to be developed in accordance with needs of the country”** organized by IQAC, ACS College, Kinhavali on 16-01-2021.
 25. Participated in a **RUSA Sponsored Online State Level Webinar** on **“UGCs CAS”** organized by Dept. of Life Sciences in collaboration with IQAC, Patkar and Varde College, Mumbai on 08-01-2021.
 26. Participated in a National Webinar on **“Sea-weed Utilization and Biodiversity Conservation”** organized by MPASC college, Panvel on 28-09-2020.
 27. Participated in an **IGEN Nobel Laureate Lecture Series** of on **“Sustainable Agriculture”** by **Nobel Laureate Sir Richard Roberts** organized by IGEN and KPR institute of Engg. & Tech. on 25-08-2020.
 28. Participated in a One Day National Webinar on **“Avoid Plagiarism in Research: Why and How?”** organized by Research Committee and IQAC, G. M. Momin College, Bhiwandi on 19-08-2020.
 29. Participated in a One Day National Webinar on **“Intellectual Property Rights”** organized by Department of Physics and IQAC, Dr. S. D. D. Arts College & Commerce & Science College, Wada on 08-08-2020.
 30. Participated in a Webinar on **“Research Projects: Conceptualization to Implementation”** organized American Chemical Society Webinars on 04-08-2020.

31. Participated in a National Level Webinar on **“Career Opportunities in Mathematics”** organized by Dept. of Mathematics, Arts, Commerce and Science college, Onde on 30-07-2020.
32. Participated in a National Level e-Workshop on **“Administering Google forms and its add-ons for Online Academic Programs”** organized by Central Library of MVM Govt. ACW, Dindigul, Tamilnadu on 29-06-2020.
33. **Participated and Completed** a Five-Day Online FDP on **“Evolution from Offline to Online Teaching”** organized by Satish Pradhan Dnyanasadhana College, Thane between 30-05-2020 to 03-06-2020.
34. Participated in a Webinar on **“Laboratory Safety Practices”** organized by Dept. of Chemistry, SIES College of Arts, Science and Commerce, Sion (W), Mumbai on 31-05-2020.
35. **Participated and Completed** a One Week National Online FDP on **“ICT Tools for Effective Teaching Learning”** organized by School of Mathematical Sciences, SRTMU, Nanded between 11-05-2020 to 16-05-2020.
36. Participated in a National Level Webinar on **“Nanomaterials: Past, Present and Future Scenarios”** organized by Dept. of Chemistry, Arts, Commerce and Science college, Jawhar.
37. Participated in a One Day National Webinar on **“Alternate Assessment and Evaluation Model for Conducting Exams in the wake of COVID-19”** organized by Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, Silvassa on 28-05-2020.
38. Participated in an International Webinar on **“Researching and Writing a master’s Dissertation”** organized by SK Porwal College of Arts and Science and Commerce, Kamptee, Nagpur on 25-05-2020.
39. Participated in a National Webinar on **“Seva Pustak Va Seva Vishayak Babi”** organized by Saint Joseph College, Satpala, Virar on 25-05-2020.
40. Participated in an International Webinar on **“Aatmanirbhar Bharat: A Dawn to New Economic Reforms”** organized by Anna Leela College of Commerce and Economics, SJS College for BMS and MUCTA on 23-05-2020.
41. Participated in a Two-Day National Level Seminar on **“Current Scenario of Medicinal Nano Chemistry in Target Drug Design”** organized by Department of Chemistry, Kongunadu Arts and Science College, Coimbatore, Tamilnadu on 26-02-2020 to 27-02-2020.
42. Participated in a One Day **“National Conference on Advances in Chemical Sciences”** organized by Department of Chemistry, Yeshawant Mahavidyalaya, Nanded on 31-08-2019.
43. Participated in a workshop on **“Avishkar Research Convention: 2019-2020”** organized by Department of Students’ Development, University of Mumbai at VIVA college, Virar on 10-08-2019.
44. Participated in a National Level Workshop on **“Sophisticated Analytical Instrumentation for Advanced Research”** under the scheme of “Pandit Madan Mohan Malviya National Mission on Teachers and Teaching” (PMMMNMTT), MHRD, Govt. of India, Teaching Learning Centre (TLC) at Central Instrumentation Facility (CIF), SPPU, Pune in collaboration with Department of Chemistry, SPPU, Pune (05-03-2019 to 09-03-2019).
45. Participated in a One Day Seminar on **“Intellectual Property Rights”** organized by Science Forum, Research Committee and IQAC, Dr. S. D. D. Arts College & Commerce & Science College, Wada on 28-02-2019.

46. Participated in a Seminar on **"Website Editing and Management"** organized by IQAC, Dr S. D. D. Arts College & Commerce & Science College, Wada on 24-09-2018.
47. Participated in a workshop on **'Revised Syllabus for TYBSc Chemistry'** at K. M. Agrawal College, Kalyan on 27-07-2018.
48. Participated in a workshop on **'API System and Amendments in the UGC act'** at Birla College, Kalyan on 10-05-2018.
49. Participated and **presented a poster** in a One Day National Conference on **"Recent Trends and Developments in Environmental and Basic Sciences (RTDEBS 2018)"** at Dr S. D. D. Arts College and Commerce and Science College, Wada, MS, India on 10/03/2018.
50. Participated in a workshop on **"Professional Skills: Teaching"** at Center of Excellence in Science and Mathematics Education (CoESME), Indian Institute of Science Education and Research (IISER), Pune on 26-02-2018.
51. Participated and **presented a poster** in a Two-Day National Conference on **"Research and Developments in Synthetic Organic Chemistry (RDSOC 2017)"** at Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole, MS, India during 29-12-2017 to 30-12-2017.
52. Participated and **presented a poster** in a Two-Day International Conference on **"Interdisciplinary Approach in Chemical Research (IACR 2017)"** at S. M. Joshi College, Hadapsar, Pune, MS, India during 13-12-2017 and 14-12-2017.
53. Participated and **presented a poster** in a One Day National Conference on **"Modern Research Tools in Science"** at G. M. Vedak College of Science, Tala, Raigad, MS, India on 19-08-2017.
54. Participated in a workshop on **'Revised Syllabus for CBCS, SYBSc Chemistry w.e.f. 2017-18'** at Birla College, Kalyan on 14-06-2017.
55. Participated in a workshop on **'Online Assessment Orientation'** at A. R. Institute of Engg. And Tech., A. S. Raonagar, Sapgaoon, Shahapur on 24-04-2017.
56. Participated in a seminar on **'Research Methodology'** at Arts, Commerce and Science College, Kinhavali, Shahapur on 06-04-2015.
57. Participated in a workshop on **'Avishkar Research Convention'** at Arts, Commerce and Science College, Wada on 07-07-2014.
58. Participated in a workshop on **'Avishkar Research Convention'** at Arts, Commerce and Science College, Mokhada on 05-07-2014.
59. Participated and **presented a poster** in the **"Symposium on Advances in Organic Chemistry"** at University of Pune, Pune in March 2008.
60. Participated and **presented a poster** in the international conference on **"Drug Discovery and Nanotechnology"** at University of Nanded, Nanded in Feb. 2008.
61. Participated in the **"International Research Symposium on recent Developments in Chemistry"** at University of Pune, Pune in Feb. 2007.

Any Other Information:

- Successfully completed **"MS-CIT Course"** with 82 % Marks in September 2018.
- **Active participation in the 'Green Time'** activity by Environment Forum, at Dr. S. D. D. Arts College and Commerce and Science College, Wada.
- **Voluntary Contribution of Labor and Plantation of trees** at Dr S. D. D. Arts College and Commerce and Science College, Wada campus on 'International Day of Forests' and 'World Water Day' on 21-03-2018 and 22-03-2018.
- Completed **"Stock Market Foundation Course"** conducted by 'Vansh Capital, Training academy of Financial Market, Pune from 04-11-2017 to 05-11-2017.

- **Voluntary Contribution of Labor and Plantation of trees** at Dr S. D. D. Arts College and Commerce and Science College, Wada campus on 'Four Crore Plantation Drive' by Forest Department, Govt. of Maharashtra' on 04-07-2017.
- **Voluntary Contribution of Labor and Plantation of trees** at Dr S. D. D. Arts College and Commerce and Science College, Wada campus on 'World Day to Combat Desertification' on 17-06-2017.
- **Voluntary Contribution of Labor and Plantation of trees** at Dr S. D. D. Arts College and Commerce and Science College, Wada campus on 'World Environment Day' on 05-06-2017.
- **Active participation in the formation of the 'Environment Forum'** at Dr S. D. D. Arts College and Commerce and Science College, Wada on '48th International Mother Earths Day' on 22-04-2017.

References:

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