

Bio Data

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Education:

M. Sc, M.B.A, M. Phil, Ph. D, (Chemistry)

Experience

24 years

Publications:

1. **Evaluation of Toxicity of Caesalpinia Bonducella Decoction**, World Journal of Pharmaceutical Research, 2014, 3(2), 2321-2329.
2. **Phytochemical and Pharmacological Review of Caesalpinia bonducella**, International Research Journal of Pharmacy, 2016, 7(12), 12-17.
3. **Phytochemical Analysis and Antimicrobial Activity of Caesalpinia bonducella Leaves**, International Journal of Pharmaceutical Science Review and Research, 2017, 42(2), 217-220.
4. **Study of Proximate Analysis of Caesalpinia bonducella**, International Journal of Pharmaceutical Research and Development, 2014, 6(10), 1-4.
5. **Elemental Analysis of Caesalpinia bonducella Leaves**, International Research Journal of Pharmacy, 2017, 8(1), 66-69.

6. **Adsorption Study of Activated Charcoal obtained from *Caesalpinia bonducella***, International Journal of Pharmaceutical Science Review and Research, 2017, 44(2), 234-237.
7. **Deposition and Characterization of CdSe thin films by spray pyrolysis techniques**, International Research Journal of Science and Engineering, 2018, A2, 176-179.
8. **Thermo gravimetric and Elemental Analysis of *Caesalpinia bonducella* Leaves Powder**, Journal of Emerging Technologies and Innovative Research, 2019, 6(5), 109-113.
9. **Comparative Soil Profile Study In Irrigated And Non-Irrigated Area**, Journal of Pharmaceutical and Scientific Innovation, 2021; 10(1), 23-28.
10. **Phytochemical Screening of Leaves, Stem And Fruit Parts Of *Tribulus Terrestris***, International Research Journal of Pharmacy, 2021, 12 (2), 19-22.
11. **Study Of Thermal Analytical Characteristics Of *Gymnema Sylvestre* Plant By TGA-DTA Technique**, Journal of the Maharaja Sayajirao University of Baroda,

Membership:

1. Lifetime Membership of “Indian National Congress”.

Minor Research Projects:

1. Study of Utilization of Fertilizers by the farmers in Pathardi Tehsil
2. Phytochemical screening of *Caesalpinia bonducella*

Awards:

1. Shikshak Ratna National Level Award by Samata Sahitya Academy (Redg. No. F12028Y) on 25/04/2021.
2. State Level Award By Dnyanoday Bahuuddeshiy Sanstha, Takalibhan, Tal-Shrirampur, dist-Ahmednagar in 2019-20.
3. State Level Award by Matruseva Foundation, Thane and Shikshak Dhey, Nashik on 8 March 2023

Faculty Development Programme:

1. Successfully completed the General Orientation Programme conducted at the UGC-Academic Staff College, University of Pune, Pune 411007, from 04/10/2002 to 31/10/2002.
2. Successfully completed the Refresher Course in Chemistry conducted at the Department of Chemistry University of Pune, Pune 411007, from 08/11/2011 to 28/11/2011.
3. Successfully completed the 99 Orientation course, “Empanelled Training Program (NSS)” at the Ahmednagar College, Ahmednagar, from 14 to 20 Feb 2016.
4. Successfully completed Online Refresher Course in Chemistry for Higher Education exam date 16/2/2020.

5. 23/04/2020 to 28/04/2020 – Attended one week (FDP) Online National Faculty Development Program for “Engendering the next generation Educators” organized by Nehru Arts and Science College, Coimbatore
6. 04/06/2020 to 17/06/2020 – Attended two weeks International FDP on “Digital Initiatives for Higher Education” was organized by SWAYAM-NPTEL Local Chapter G. Venkataswamy Naidu College, Kovilpatti, Tamilnadu
7. 27/06/2020 to 03/07/2020 International FDP on Digital Education organized by Bishop Appasamy College of Arts and Science, Coimbatore, India
8. 12/09/2020 to 20/09/2020 Attended One Week (FDP) Faculty Development Program on Developing Multimedia enriched Powerful Presentations organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD.
9. Attended one week FDP on “Recent Trends in Teaching-Learning Process” jointly organized by Dadapatil Rajale Arts, Science and Commerce College, Adinathnagar and Guru Angad Dev Teaching Learning Centre, a Centre under PMMMNTT, Ministry of Education, Government of India held from 21st April to 27th April, 2022.

Participation in curricular development:

1. Participated in workshop on F.Y.B.Sc. syllabus revision in chemistry held on 12/02/2013 at Radhabai Kale Mahila Mahavidyalay, Ahmednagar.
2. Participated in FYBSc Chemistry syllabus workshop on 8.9.2020 organized by Mahatma Gandhi Vidyamandir’s Arts, Science and Commerce College, Manmad.
3. Participated in SYBSc Chem. syllabus Workshop on 26.8.2020 organized by New Arts, Commerce and Science College, Parner, Dist- Ahmednagar.
4. Participated in M. Sc II Syllabus Workshop 27.11 2020 organized by Padmashri Vikhe Patil College of Arts, Commerce and Science Pravaranagar
5. Participated in Workshop on M.Sc. II (Inorganic and Biochemistry) revised Syllabus (CBCS-2020) implemented from June 2020 organized by Department of Chemistry, New Arts, Commerce and Science College, Ahmednagar and sponsored by Savitribai Phule Pune University, Pune on Friday, 04 December, 2020

Co-curricular and extra-curricular activities carried out:

1. Attended Seminar on “Computer in Chemical Education” on 28 Feb. to 2 March 1999 at SSGM College Kopergaon.

2. Attended Continuing Education Workshop at SPPU on 8th December 2006.
3. Attended Nirbhay Kanya Abhiyan at N., A., C., Sci College, Shevgaon on 25-26 Jan. 2007
4. Two day state level seminar on the topic 'Recent Trends in Synthetic Organic Chemistry' was arranged on 11 to 12 February 2011 at Dadapatil Rajale Arts and Science College, Adinathnagar.
5. Attended state level conference on "Application of Spectroscopy in Chemistry" on 2-3 Feb. 2012 at Radhabai Kale Mahila Mahavidyalay, Ahmednagar.
6. Attended state level seminar on "Advanced Reaction Mechanism in Organic Chemistry" on 16-17 Feb. 2012 at N.,A.,C.,Sc College, Ahmednagar.
7. Attended National level seminar on "Role of Green Chemistry in Environmental Pollution" on 21-22 Dec. 2012 at Anandrao Dhonde College Kada, Ashti.
8. Maharashtra State Certificate in Information Technology (MS-CIT) exam passed in March – 2013.
9. Attended workshop on "Environmental Education and Scientific Terminology" organized by Commission for Scientific and Technical Terminology at N. A. C. and Sc. College Shevgaon on 23-24 Aug. 2013.
10. Attended National Conference on "Upcoming Trends in Chemical Science" on 6-7 Sep. 2013 at Shri Anand College Pathardi.
11. Participated in National Conference on "Frontiers in Physical, Chemical and Biological Sciences" on the occasion of Prof. H. J. Arnikar Birth Century Year at Department of Chemistry University of Pune on 4 to 6 oct 2013 and presented a paper on 'Study of Soil Profile in Rajgurunagar'
12. Attended AVISHKAR -2013 and guided students for a zonal level Project competition held at Ahmednagar College, Ahmednagar on 17th December 2013.
13. Participated in International Conference on Herbal and Synthetic Drug Studies (HSDS-2014) on 10 – 12 Feb 2014 organized by ISTRAM Member Institute, Abeda Inamdar Senior College of A, Sci and Com. Pune and presented a paper on "Evaluation of Toxicity of Caesalpinia bonducella Decoction".
14. Participated in International Conference PRAVARAEDUMEET-14 on 20-22 Aug. 2014 at PVP College Pravanagar and presented paper on the topic of Toxicity study of Caesalpinia bonducella.

15. Attended State Level Seminar on “ Role of Metals in Drug Chemistry” 26-27 Sept. 2014 at N.A.C.and Sci. College, Shevgaon.
16. Participated in National Conference Recent Trends and Challenges in Chemical Science and Technology(RTCCST-2014) on 28-29 Dec. 2014 at SMBST College Sangamner.
17. Attended State Level Seminar on ‘Recent Trends of Spectroscopy in Chemistry’ on 16 Jan 2015 at Dnyaneshwar College Newasa.
18. Attended National conference on “Material Advances For Better Future” on 16-17 Jan. 2015 at Jijamata College Bhende.
19. Attended Training Programme on Prevention of Sexual Harassment at SPPU, Pune on 28th April 2015.
20. Attended State Level conference on “Review of Progress in Nanoscience” on 13-14 Feb. 2015 at N. A. C. Sc. College Ahmednagar and presented a paper on Soil profile study in Pathardi Tehsil.
21. Delivered lecture on ‘Personality Development’ at Shri Harihareshwar arts and Science college, Koradgaon 30th January 2015.
22. Attended National Conference on Recent Development in Chemical Sciences (RDCS-2015) on 22-23 Dec. 2015 at Radhabai Kale Mahila Mahavidyalay, Ahmednagar
23. Attended International Conference on "Impact of Chemical Research on Enviornment"on 17-18 Feb. 2016 at N.,A.,C.,Sci College Parner.
24. Attended International Conference on ‘Functional Eco-Friendly Smart Emerging Material’(FESEM-2016) on 10-12 March 2016 organized by Baburaoji Gholap College, Sangavi, Pune.
25. Completed "Yoga Pravesh Course in July 2016 at D. P. R. College Adinathnagar"
26. Attended First "National Teachers Congress" on 23-25 Sept. 2016 at MIT College Pune
27. Attended National Conference on ‘Physical, Chemical and Biosciences RTPCB-2016’ on 16-17 Dec. 2016 organized by NACS College Baramati and presented a paper on Proximate Analysis of *Caesalpinia bonducella*.
28. Attended State Level Conference on " Recent Development in Material Charactorization and its Impact on Material Reasearch" on 20-21 Jan. 2017 at Jijamata College, Bhende
29. Attended a National Conference on Recent Advances in Chemical and Biochemical Sciences (RACBS-2018) on 16-17 Feb 2018 at A., C., and Sci college, Sonai.

30. Organized National Conference on “Recent Trends in Chemical Sciences”(RTCS-2017) on 21-22 Dec. 2017.
31. Attended State Level Seminar on “ Advanced Methods for Material Characterization” on 5-6 Jan 2018 at Hon. Balasaheb Jadhav A. C. and Sci. College, Ale, Junnar and presented a paper on Deposition and Characterization of CdSe thin films by spray pyrolysis techniques.
32. Attended International Conference on “Sustainable Materials for Advanced Research Technology (SMART-2019) on 5-6 February 2019 at Baburaoji Gholap College, Sangavi, Pune and presented a paper on Thermo gravimetric and Elemental Analysis of Caesalpinia bonducella Leaves Powder.
33. Attended National Level Seminar on “Green Approach in Organic Synthesis” Organized by Shri. Chhatrapati Shivaji College, Shrigonda on 26-27 Dec. 2018.
34. One Day workshop on “Google Form” on 25/1/2019 at DPRC.
35. One Day workshop on “Google Docs” on 7/12/2019 at DPRC.
36. One Day workshop on “Google Drive” on 4/1/2020 at DPRC.
37. 22/03/2020 – Fundamentals of Outcome based education by Ajay Bhagwat.
38. 23/03/2020 – Fundamentals of Outcome based education by Ajay Bhagwat.
39. 13/04/2020 – Attended National webinar on “ICT enabled Higher Education in India: Challenges and Opportunities” organized by GAD TLC, SGTB Khalsa College, Delhi under PMMMNMTT of MHRD.
40. 21/04/2020 – Attended National webinar on “National Workshop on Development of Teachers e-Kit - Chemistry” organized by GAD TLC, SGTB Khalsa College, Delhi under PMMMNMTT of MHRD.
41. 28/04/2020 – Attended National webinar on “Roles of Teachers in Technology driven Higher Education ” organized by GAD TLC, SGTB Khalsa College, Delhi under PMMMNMTT of MHRD.
42. 29/04/2020 – Attended National webinar on “Towards Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities” organized by GAD TLC, SGTB Khalsa College, Delhi under PMMMNMTT of MHRD.
43. 02/05/2020 – Attended National webinar on “Challenges and Opportunities before Indian Higher education due to Covid - 19” organized by GAD TLC, SGTB Khalsa College, Delhi under PMMMNMTT of MHRD.
44. 04/05/2020 – Attended National webinar on “Corona Pandemic and Economic Challenges in India” organized by GAD TLC, SGTB Khalsa College, Delhi under PMMMNMTT of MHRD.

45. 08/05/2020 – Attended National webinar on “Challenges and Opportunities in Higher education in India for the 21st Century” organized by GAD TLC, SGTB Khalsa College, Delhi under PMMMNMTT of MHRD.
46. 15/05/2020 – Attended National webinar on “e-Content Development Methodology Four Quadrant Model, OERs and Copyright issues” organized by GAD TLC, SGTB Khalsa College, Delhi under PMMMNMTT of MHRD.
47. 27/05/2020 – Attended National webinar on “Women in Higher Education: Issues and Challenges during Corona Pandemic” organized by GAD TLC, SGTB Khalsa College, Delhi under PMMMNMTT of MHRD.
48. 08/05/2020 to 10/05/2020 – Attended workshop on “Applications for Teachers” organized by Dadapatil Rajale College, Adinathnagar.
49. Attended International Workshop on Advances in Functional Materials: A Virtual Event Jointly organized by MRSI, Bengaluru, Maharashtra Academy of Sciences, Pune & Department of Chemistry, New Arts, Commerce and Science College, Parner on 15/12/2020.
50. Participated in One Day National Webinar entitled “HOW TO CONDUCT ONLINE TEACHING-LEARNING IN COVID TIMES?” 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 22/07/2020.
51. Participated in One Day Yoga Activity on 21/6/2020 organized by DPRC. Adinathnagar.
52. Organized as convener, National Level webinar On " HPLC Technique in Pharmaceutical and Chemical Industries" Resource Person Dr. Dnyaneshwar R. Shinde Professor, Department of Chemistry, Prof. Ramkrishna More College, Akurdi, Pune on 9/9/2021.
53. Participated in two days National Level Webinar on “Drug Discovery and Development (DDD2020)” during 16th and 17th October 2020 organized by Department of Chemistry, Radhabai Kale Mahila Mahavidyalaya, Ahmednagar.
54. Participated in one day International Workshop on Advances in Functional Materials: A Virtual Event Jointly organized by MRSI, Bengaluru, Maharashtra Academy of Sciences, Pune & Department of Chemistry, New Arts, Commerce and Science College, Parner on Tuesday, 15 December, 2020.
55. Participated in One day International Conference on "Innovative Thinking in Science and Technology" organized by Internal Quality Assurance Cell (IQAC) and Institution’s Innovation Council (IIC) of Yashwantrao Mohite College of Arts, Science and commerce, Pune, India held on Tuesday, 23rd February 2021.
56. Participated in International Conference on ‘WORLD CHEMISTRY CONFERENCE 2021’ organized by Department of Chemistry on 3rd and 4th May, 2021 in collaboration with University of Mumbai & Association of Chemistry Teachers.
57. participated in International webinar on ”Polymers and Current Scenario of Covid-19” organized on digital platform by Department of Chemistry (PG) on 22nd May, 2021 as an Internal Quality Assurance Cell (IQAC) initiative, Haribhai V. Desai College, Pune.

58. Participated in the National level Webinar on “Nanoscience for 21st Century” Organized by IQAC & Department of Chemistry, Shri Anand College, Pathardi on 13th September, 2021.
59. Participated in state level webinar on Use of Technology for Education organized by IQAC, Dadapatil Rajale College, Adinathnagar on 17/09/2021.
60. Participated in one day national online seminar on “Multidisciplinary Aspects of Material Sciences” organised by IQAC & PG-Department of Chemistry, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi on Wednesday, 25th August 2021
- 61 Participated in the National Level Webinar on "HPLC Technique in Pharmaceutical and Chemical Industries." organized by Department of Chemistry and Internal Quality Assurance Cell (IQAC) of the college on 09 September 2021.
62. Participated in Three Days Faculty Development Programme on “Trello Board and Google Drive” sponsored by the IQAC, Dadapatil Rajale College, Adinathnagar from 28th July 2021 to 30th July 2021.
63. Participated in ‘virtual international conference on Multifunctional advanced materials (vicmam-2021)’ organized by Department of Chemistry, JVM’s Degree College in collaboration with Association of Chemistry Teachers (ACT) on 9th and 10th August, 2021.
64. Participated in International e-conference on recent advances in chemical, physical and biological sciences on 29-30 June 2021 organized by Department of Chemistry Nabira mahavidyalaya Katol, Asso. of Chemistry Teachers and Homi Bhabha Center of Science, Mumbai.
65. Participated in the 4 Days National Online Workshop on “Preparation of revised AQAR” held from 4th-7th April 2022, organized by Sao Chang College, Tuensang, Nagaland in collaboration with IQAC CLUSTER .
66. Participated in one day webinar on Engaging Pedagogies for an Effective Learning Environment on 23rd July 2021 organized by the IQAC, APC Mahalaxmi College for women, Thoothukudi in collaboration with IQAC cluster India.