

Curriculum Vitae



Dr. Nanda Sheshrao Korde

Present Address

Department of Chemistry,
Dayanand Science College,
Latur – 413 512, Maharashtra, India.
Email Id: nandineekorde0@gmail.com
Website: <http://dsclatur.org>

Gender : Female
DOB : 26th January, 1975
Marital Status : Married
Mobile : +91 08668654330

Academic Qualification

1998 - Present

Associate Professor of Chemistry,
Department of Chemistry and Industrial
Chemistry (College with Potential for
Excellence, UGC Re-Accredited to "A" Grade by
NAAC, DST-FIST Sponsored College & Best
College Award from S. R. T. M. University,
Nanded) Dayanand Science College, Latur-
413512, Maharashtra, India.

2009 – 2013

Ph.D. in Chemistry, Dr. Babasaheb Ambedkar
Marathwada University, Aurangabad Maharashtra, India.

11 May 2009	SET Chemical Science (Chemistry), UGC approved conducted by Pune University, Pune-411007, Maharashtra, India.
1995–1997	M. Sc.(Chemistry) , Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, India.
1992 – 1995	B.Sc. (Physics, Chemistry, Electronics) Dnyanopasak Mahavidyalaya, Parbhani-431401, Maharashtra, India.

Areas Of Research

- ❖ Coordination Chemistry
- ❖ Chemical Kinetics.
- ❖ Organic Synthesis

Ph.D. Details

- ❖ **Ph. D. thesis title: Structural and biological studies on metal complexes of β -diketones**
- ❖ **Name of Guide: Prof. Anjali S. Rajbhoj, Dept. of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS). India.**
- ❖ **University: Dept. of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra State, India.**
- ❖ **Date of Registration: 17th Feb. 2009.**
- ❖ **Year of Award: 3rd Oct. 2013.**

Awards/Achievements:

- ❖ **Rorary Aadarsh Shikshak Puraskar 2022-23 by Rotary Club of Latur Midtown**
- ❖ UGC Award of Teacher Fellowship under Faculty Improvement Programme during XI Plan Period (File No.37-22/10) (WRO)

- ❖ **Approved Post-Graduate Teacher in Chemistry** of Swami Ramanand Teerth Marathwada University, Nanded under the faculty of science.

(Date: **15th Sept.2014**, Ref: PG/Guide_Recog/2014-2015/207-1)

- ❖ **Bentham Ambassador: Bentham science publisher selected as Bentham Ambassador during year 2019-20.**

List of Publications:

- 1)** Chaitanya Atmaram Datal, Aakash Sanjeev Singare and **Nanda Sheshrao Korde** ,“ A REVIEW: SCHIFF BASES-A VERSATILE PHARMACOPHORE”, International Research Journal of Modernization in Engineering Technology and Science (Peer-Reviewed, Open Access, Fully Refereed International Journal)p-2118-2123, Volume:04/Issue:09/September-2022
https://www.irjmets.com/uploadedfiles/paper//issue_9_september_2022/30199/fin/fin_irjmets1664390167.pdf
- 2)** NikitaSuryawanshi, ,Aakash Singare, **Nanda Korde**, “Review on synthesis and their applications of some selected Schiff bases” International Journal of Advance Research and Innovative Ideas in Education, p-693-699, *Vol-8 Issue-5 2022*
http://ijariie.com/AdminUploadPdf/Review_on_synthesis_and_their_applications_of_some_selected_Schiff_bases_ijariie18246.pdf
- 3)** Radhika Prakash Karad, Aakash Sanjeev Singare, **Nanda Sheshrao Korde***, “SCHIFF BASES: A SHORT REVIEW OF THEIR BIOLOGICAL ACTIVITIES” International Journal of Modern Pharmaceutical Research , p-34-40, vol 6, Issue 9. 2022 file:///C:/Users/user/Downloads/article_1664933753.pdf
- 4)** Pradnya Khandke¹, Pratiksha More¹, Aakash Singare² and **Nanda Korde^{1*}**, “Comparative synthesis of transition metal complexes of β -diketone by Ultrasound irradiation and Conventional method” International Journal of Green and Herbal Chemistry, IJGHC, Sec. A; Vol.11, No. 2, 209-215., E-ISSN: 2278-3229, May 2022
- 5)** Pradnya R. Khandke, Ravindra S. Shinde, **Nanda S. Korde***, “Evaluation on contemporary developments in metal complexes of β -diketones and their biotic significance” Vidyawarta, Peer-Reviewed International Journal, special

issue 1, ISSN: 2319-9318, P-413-418

- 6) Ravindra S. Shinde, **Nanda S. Korde**, "Review on recent advances in triazine amine derivative and their biological significance", Vidyawarta, Peer-Reviewed International Journal, special issue 1, ISSN: 2319-9318, P-182-186
- 7) **Nanda S. Korde**, Ravindra S. Shinde, Prashant G. Kumdale "Eco-friendly synthesis, Characterization and antimicrobial evaluation of potentially active β -diketone ligand and its transition metal complexes" [Journal of Advanced Scientific Research](#), UGC Care Listed Journal, ISSN- 0976-9595, 2021 **Dec.2021**, :12(4) Suppl 1: 117-121
([http://sciensage.info/admin/uploads/paper/12\(4-1\)562214.pdf](http://sciensage.info/admin/uploads/paper/12(4-1)562214.pdf))
- 8) Ravindra Sandipan Shinde, **Nanda Sheshrao Korde**, Rahul Ashokrao More "Green synthesis, Characterization and Biological Activity of Aryl Azo Schiff Bases" [Journal of Applied Organometallic Chemistry](#) International Peer Reviewed Journal, Online ISSN-2783-1272 , Print ISSN- 2783-3623 **Oct. 2021**; 1(3):165-173 , Vol. 1, Issue:4
(http://jaoc.samipubco.com/article_139181.html)
- 9) **Nanda S. Korde**, Seema S.Korde "Gender equality in India: More needs to be done" [Journal of Research and Development](#), Multidisciplinary International level referred and peer reviewed Journal, Impact factor 5.13, ISSN:2230-9578, **Feb. 2021**, Special Issue 11, vol.6, p-95-97
- 10) Seema S.Korde, **Nanda S. Korde** " Study on problems and challenges of women empowerment in India" [Journal of Research and Development](#), Multidisciplinary International level referred and peer reviewed Journal, Impact factor 5.13, ISSN:2230-9578, **Feb. 2021**, Special Issue 11, vol.6, p-34-37
- 11) **Nanda S. Korde**, " In modern India exploitation of Dalit women : As a dalit and as a women" , [Akshar Wangmay, International Research Journal](#), UGC- CARE LISTED, ISSN: 2229-4929, vol.-II, page no.-144-145, **Dec. 2020**

12) Nanda Korde, " Efficient Ultrasound synthesis and biological screening of 1- (5-chloro 2 hydroxyphenyl)-3-(5-bromo 2-chlorophenyl)propane-1,3-dione and its transition metal complexes" [International Journal of Emerging Technologies and Innovative Research](#), eISSN: 2349-5162, vol.7, issue 3, page no. 219- 223, **Mar.2020**

13) Nanda S. Korde, Seema S. Korde, " Gender Equality-Role of higher education " [Our Heritage](#), ISSN: 0474-9030, vol-68, special issue-5, page no. 156-159, **2020**

14) Nanda Korde, Seema Korde, " Importance of water in Life and affects of climate on water " [Research Journey- International Multidisciplinary E-Research Journal](#), **Jan.2020**, ISSN:2348-7143, Spedal issue 236, page no. 64-68

15) Seema Korde ,**Nanda Korde**, A.V. Pathan, " Wastes generation and treatrment: A case study of Ausa municipality, Ausa Dist. Latur(MS) India " [Research Journey- International Multidisciplinary E-Research Journal](#), **Jan.2020**, ISSN:2348-7143, Spedal issue 236, page no. 60-63

16) N.S.Korde, " Conventional and ultrasound synthesis, spectroscopic characterization and antimicrobial screening of 1(2-hydroxyphenyl)-3-(3-nitrophenyl)propane-1,3-dione and its transition metal complexes", [Current Global Reviewer](#), UGC approved Sr.No.-64310, ISSN: 2319-8648, Impact factor-7.139, Issue VIII, vol. II, **Dec. 2018**, p-8—11

17) N.S.Korde, "Ecofriendly synthesis, characterization of antimicrobial evaluation of potentially active β -diketone ligand and its transition metal complexes", [Current Global Reviewer](#), UGC approved, Sr. N. 64310, (**Nov.**

2018), ISSN 2319-8648, , Impact factor-7.139, Issue VIII, vol. III, p- 5-11

18) N.S.Korde, "Ultrasound synthesis of transition metal complexes of β -diketone ligand" , [Current Global Reviewer](#), UGC approved, Sr. N. 64310, (**Dec 2017**), ISSN 2319-8648, page no. 118 (1-7)

19) Nanda S. Korde, Yuvraj P. Sarnikar, Annarao M. Chougule,"Ultrasound Irradiation Assisted Synthesis and antimicrobial screening of novel transition metal complexes of β -diketone". [World Journal of Pharmacy and Pharmaceutical Sciences](#), ISSN: 2278-4357 vol. 5, issue 11, 1104-1110 (**Sept. 2016**)

20) Bhimrao C. Khade, Shruti S. Sarwade, **Nanda S. Korde** and Rajendra P. Pawar,"Equilibrium studies on mixed ligand complex formation of antiparasitic drug sulphadoxine and some amino acids with chromium(III)" [World Journal of Pharmacy and Pharmaceutical Sciences](#), ISSN: 2277-7105, Vol. 4, Issue 6,1271-1282 (**May 2015**)

21) Nanda S. Korde, Anjali S. Rajbhoj, Suresh T. Gaikwad, Bhimrao C. Khade," Ultrasound irradiation assisted synthesis and antimicrobial screening of novel cyclic β -diketones and its transition metal complexes" [World Journal of Pharmacy and Pharmaceutical Research](#), ISSN: 2277-7105, Vol 4, Issue 10, 1571-1578 (**Sept. 2015**)

22)Nanda S Korde, Suresh T Gaikwad, Seema S Korde, Anjali S Rajbhoj,"Ultrasound synthesis, Characterization and thermal study of some transition metal complexes of β -diketone ligand" [International Journal of Recent Technology and Engineering](#) ,ISSN: 2277-3878, vol-2, issue-4, 147-151 (**Sept. 2013**)

(<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.676.4514&rep=rep1&type=pdf>)

23) N.S. Korde, S. T. Gaikwad, B. C. Khade, A. S. Rajbhoj, "Efficient ultrasound synthesis, characterizations and antimicrobial screening of novel cyclic β -diketones" *Chemical Science Transactions*, ,2(2)000-000 (**2013**)
(<http://www.e-journals.in/abstract.asp?Totarticle=355>)

24) Nanda S Korde, Anjali S. Rajbhoj, Suresh T. Gaikwad and Seema S. Korde, "Efficient Ultrasound synthesis of β -diketone and its metal complexes" Scholars Research Library *Der Pharma Chemica*, 4(5):1868-1872(**2012**)

(<https://www.derpharmachemica.com/pharma-chemica/efficient-ultrasound-synthesis-of-diketone-and-its-metal-complexes.pdf>)

25) Nanda Korde, Anjali Rajbhoj, Suresh Gaikwad, Jayprakash Dargad, "Efficient ultrasound synthesis and biological screening of metal complexes of 1-(2-hydroxyphenyl)-3-(4-ethoxyphenyl)propane-1,3-dione", *International Journal of Green and Herbal Chemistry*, vol. 1, no. 3, 226-231 (**2012**)

(2) (a) iii) Books Published as author or as editor:

Sr. No.	Title	Principal/ Co-author	Publisher	ISSN/ISBN	Year of publication
1	Practical Analytical chemistry-B.Sc.I	Principal	Notion Press,Inc. 800, West EI Camino Real #180, California USA 94040	ISBN: 979- 88881529 59-9	Sept. 2022
2	Practical physical chemistry - B.Sc.III	Principal	Notion Press,Inc. 800, West EI Camino Real #180, California USA 94040	ISBN: 979- 88856935 0-9	January 2022

3	Stability constant of metal complexes	Co-author	ABS publications Ashapur , Sarnath, Varanasi	ISBN: 978-93-86077-86-8	Aug-2019
4	Practical in Physical Chemistry-M.Sc.I	Principal	Aruna Prakashan Latur,	ISBN: 978-81-941315-7-1	July 2019
5	Practical Physical & Inorganic Chemistry- B. Sc. Second Year	Principal	Aruna Prakashan, Latur	ISBN: 978-93-5240-197-0	Jan.2019

Paper (Oral & Poster) Presentations:

[A] International Conferences:

Sr. No .	Title of the paper presented	Title of the conference/seminar	Organized by	Whether International / National
1	Conventional and Ultrasonic synthesis of metal complexes of β -diketone and its antimicrobial screening	Advances in Material science and Applied Biology (ICAMSAB-22)	Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)	International
2	Antimicrobial potential of β -diketone and its transition metal complexes	Chemistry- Frontiers & Challenges (ICFC -2022)	Post Graduate & Research Department of Chemistry PSGR Krishnammal College for Women, Coimbatore	Virtual International conference

3	Synthesis, characterization and antimicrobial evaluation of potentially active β -diketone ligand and its transition metal complexes	Covid-19: Challenges and Opportunities in Pharmaceutical research	Nirma Institute of Pharmacy, Nirma University, Ahmedabad (Gujarat) (18 th -19 th March, 2021)	Virtual International
4	Green synthesis, characterization and antimicrobial evaluation of potentially active β -diketone ligand and its transition metal complexes	Advanced Materials for Emerging Technologies (ICAMET-21)	Sri.Ramkrishna Mission Vidyalaya, college of Arts and Science, Coimbatore on 26 th -27 th April. 2021	International
5	Importance of water in daily life	Introspection, prognosis and strategy for global water resources	Sameer Gandhi Kala Mahavidyalaya, Malshiras, sponsored by Punyashlok Ahilyadevi Holkar Solapur University, Solapur, MS, India (7th Jan. 2020)	International

[B] National Conferences

Sr. No.	Title of the paper presented	Title of the conference/seminar	Organized by	Whether International/National
1	Synthesis, Characterization and Biological Application of metal complexes	Advances and Innovations in Natural product Research	B. Pharmacy college, Rampura, Gujrat	National

	of β -diketone			
2	Eco-friendly synthesis, characterization and antimicrobial screening of potentially active ligand and its transition metal complexes	Emerging Trends in Engineering Sciences-NCETES 21	Karpagam Academy of Higher Education, Coimbatore, Tamilnadu (17, May, 2021)	National

Professional Activities

- ❖ Member of Board of Studies in Chemistry in Swami Ramanand Teerth Marathwada University Nanded (**Ref: Election/BOS/2018-18/966, Date:2nd Feb. 2018 to 31st Aug 2022**)
- ❖ Participated as a **Coordinator** in National Seminar on **"Recent Advances in Spectroscopy"** for M.Sc. Chemistry Students organized by Department of Chemistry, Dayanand Science college, Latur in collaboration with srtm University, Nanded on **29th Sept.2022**.
- ❖ Participated as a **Coordinator** in Virtual Lecture Workshop on **"FUNDAMENTAL CHEMISTRY"** for B.Sc. III Chemistry Students organized by Department of Chemistry, Dayanand Science college,Latur in collaboration with Indian Academy of Sciences, Bengaluru on **23rd to 25th October,2021**.
- ❖ Participated as a Resource Person in Virtual Lecture Workshop on **"FUNDAMENTAL CHEMISTRY"** for B.Sc. III Chemistry Students organized by Department of Chemistry, Dayanand Science college,Latur in collaboration with Indian Academy of Sciences, Bengaluru on **23rd to 25th October,2021**
- ❖ Participated as Resource Person in University Level Online One Day Workshop on **"The Scope of revised (CBCS) curriculum of B.SC.III chemistry & allied subjects"** organized by Department of Chemistry, Dayanand Science college, Latur in collaboration with Swami Ramanand Teerth Marathwada University, Nanded on **18th October, 2021**

- ❖ Participated as Coordinator in University Level Online one day workshop on **“The Scope of revised (CBCS) curriculum of B.SC.III chemistry & allied subjects”** organized by Department of Chemistry, Dayanand Science college, Latur in collaboration with Swami Ramanand Teerth Marathwada University, Nanded on **18th October, 2021**
- ❖ Participated as Advisory Committee Member for one day Virtual National Conference on Energy, Environment and Material(NCEEM-2021) on **28th Sept. 2021** jointly organized by the centre for Environment and Social Research(CESR) and Department of Chemistry, Nehru Institute of Technology, Coimbatore.
- ❖ Participated as Resource Person and gave inaugural address for one day Virtual National Conference on **Energy, Environment and Material(NCEEM-2021)** on **28th Sept. 2021** jointly organized by the centre for Environment and Social Research(CESR) and Department of Chemistry, Nehru Institute of Technology, Coimbatore.
- ❖ Participated as a Judge in one day Handmade poster presentation competition organized by Dayanand science college, Latur (**5th June 2021**)
- ❖ Participated as Resource Person in one day national webinar on, “Science of metals organized by Shri. Kumar swami Mahavidyalaya, Ausa (**26 May 2021**)
- ❖ Participated as Resource Person in one day workshop on, “Scope of new syllabus of chemistry and allied subjects for B.Sc. Second Year” organized by Department of Chemistry, Toshniwal Arts, Commerce & Science college, Sengaoon in collaboration with Swami Ramanand Teerth Marathwada University, Nanded (**31st Aug. 2020**)
- ❖ Reviewer of Advances in Science, Technology and Engineering Systems Journal (ASTEST) ISSN: 2415-6698 (**28th March 2020**)
- ❖ Reviewer of International Journal of Engineering Research and Technology (IJERT) ISSN: 2278-0181 (**29th Feb. 2020**)
- ❖ Advisory committee member in national conference on Current trends in

chemical research and technology (NCCTCRT-2020) (22nd Feb. 2020)

- ❖ Bentham Ambassador in Bentham Science Publication (2019-20)
- ❖ Published reference book as a co-author entitled, " **Stability constant of metal complexes**"- ABS publications Ashapur, Sarnath, Varanasi , ISBN: 978-93-86077-86-8, (2019)
- ❖ Published practical book as a Principal author entitled, " **Practical in Physical Chemistry- M. Sc I**" Aruna Prakashan Latur, ISBN: 978-81-941315-7-1, (July 2019)
- ❖ Participated as Resource Person in one day workshop on "The Scope of Revised (CBCS)curriculum B.Sc. I & M.Sc. I Chemistry and allied subjects)"- 24th (July 2019) organized by Dayanand science college, Latur in collaboration with Swami Ramanand Teerth Marathwada University, Nanded
- ❖ Coordinator for one day workshop on The Scope of Revised (CBCS)curriculum for B.Sc. I & M.Sc. I Chemistry and allied subjects"- (24th July 2019, Ref: APDS / Circular /Workshop/2019-20/203) organized by Dayanand science college, Latur in collaboration with Swami Ramanand Teerth Marathwada University, Nanded
- ❖ Worked as Subject Expert in Azad Mahavidyalaya, Ausa at the time of interview for the post of CHB Professors (29th June.2019)
- ❖ Reviewer of Journal of Emerging Technologies and Innovative Research , ISSN: 2349-5162 (23rd April 2019)
- ❖ Published practical book entitled, " Practical Physical & Inorganic Chemistry- B. Sc Second Year" (Jan.2019), Aruna Prakashan, ISBN: 978-93-5240-197-0
- ❖ Coordinator for Indian Academy of Sciences' three days Lecture Workshop on 'Theoretical Chemistry' sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Science India, Allahabad (5th -7th Jan. 2019, Ref: SEP/LW/January/2019)
- ❖ Participated as Resource Person for Inspire Internship Science Camp 2018 at Dayanand Science College, Latur (22-26th Dec.2018)

- ❖ **Coordinator for one day workshop** on "Skill Enhancement Course (SEC) CBCS in Chemistry (B. Sc. T. Y, C.B.C.S. SEC Practical)"- **(6th Aug. 2018)**
- ❖ **Participated as Resource Person in one day workshop** on, "B. Sc. Third Year syllabus structure C.B.C.S. in Chemistry & Allied subjects" organized by Department of Chemistry, Gramin (Arts, Science & Commerce) Mahavidyalaya, Vasantnagar Kotgyal, Tal. Mukhed, Dist. Nanded. **(14th July 2018)**
 - ❖ **Research Coordinator in Department of Chemistry** at Dayanand Science College, Latur (Date: **25th June 2018**, Ref: 05/2018-19/389)
 - ❖ **Coordinator for one day workshop** on 'Organic Farming' organized by Dayanand Science College Latur in collaboration with Agriculture Technology Management Agency, Latur. **(12th Jan. 2018)**
 - ❖ **Coordinator for Indian Academy of sciences' three days Lecture Workshop** on 'Conceptual Chemistry' sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Science India, Allahabad
(6th -8th Jan. 2018, Ref: IASc/SEP/LW/January/2017)
 - ❖ **Recognized Research Supervisor in chemistry** in the faculty of Science and Technology in Swami Ramanand Teerth Marathwada University, Nanded. (Date: **25th Nov. 2017**, Ref: PG/Teach. Recog/2017-18/457.)
 - ❖ **Organizing committee member in International conference** on Mathematical analysis and its application (ICMAA-2017) organized by Dayanand science college, Latur **(5-9th March 2017)**
 - ❖ **Coordinator for one week Short Term Course** on 'Uses of Modern Technologies in Higher Education' organized by Dayanand Science College, Latur. **(24-29th March 2015)**
 - ❖ **Approved Post-Graduate Teacher in Chemistry** under the faculty of science.

(Date: **15th Sept.2014**, Ref: PG/Guide_Recog/2014-2015/207-1)
 - ❖ **UGC Award of Teacher Fellowship under Faculty Improvement Programme** during XI Plan Period (File No.37-22/10(WRO) **(3rd Sept 2011 to 6th May 2013)**)

❖ Member of Indian Science Congress (L-32480)

Participation in National Conference /Seminar/ Workshops



Sr. No.	Title of the conference/seminar/workshop/ Symposia	Organized by	Date and Year	Whether International/ National/ Regional
1	Online one day workshop on "The Scope of revised (CBCS) curriculum of B.SC.III chemistry & allied subjects"	Department of Chemistry, Dayanand Science college, Latur in collaboration with Swami Ramanand Teerth Marathwada University, Nanded	18 th October, 2021	University Level
1	Physical and human dimensions of environment, climate change and sustainable development	Sharadchandra Mahavidyalaya, Shiradhane	25 th Feb. 2021	International
2	Multidisciplinary perspectives on health, society, environmental and sustainable development	Shree Mallikarjun and Shri. Chetan Manju Desai college, Canacvona, Goa	20 th Dec. 2020	International

	Challenges in Higher education due to covid-19	Late Ku. Durga K. Banmeru Science college, Lonar, Dist. Buldhana	16 June 2020	National
4	Impact of covid-19 on world: Problems, Challenges and opportunities	Narayanrao Rana Mahavidyala ya, Badnera, Amravati	15 June 2020	National
5	Role of science and Technology in the Diagnosis of novel corona virous (COVID-19)	Dept. of science, Dr. B.R.Ambedkar college, Baghlingampally, Hyderabad	10 June 2020	International
6	Post covid-19 Educational scenario: Prospects and challenges	School of Education, Hemvati Nandan Bahuguna Garhwal University, Srinagar Garhwal, Uttarakhand	6 June 2020	International
7	Covid-19: Impact of online education system in some perspectives	Mahila Mahavidyala ya, Banaras Hindu	5 June 2020	National

		University, Varanasi, UP, India		
8	Effect of covid-19 on Environment and education system	Pt.Deen Dayal Upadhyay Rajklyya Mahila Snatkottar Mahavidyalya Rajajipuram, Lucknow	3-4 June 2020	National
9	How to be successful as a professor?	A.V.C. college of Engineering, Mannampan dal, Tamilnadu	2 June 2020	National
10	Covid-19: Affected sectors in India	Shri. Muktanand College, Gangapur, Dist. Aurangabad	1 June 2020	National
11	Use of modern technology in daily teaching-The need of the Hour	Vaishnavi Majhavidyalya, Wadwani, Dist. Beed	29 th May 2020	National
12	Organic chemist and spectroscopy: Introduction of NMR and its application in structure determination	Shri. Vaishnav Vidyapeeth Vishwavidyalya, Indore	28 th May 2020	National
13	Recent trends in information technology-2020	J.J.college of Arts and Science, Pudukkottai, Tamilnadu	24 th May 2020	International
14	Covid-19, Impact on society	Dr.K. Umathe college, Nagpur	23 May 2020	International
15	Personality development	Nallmuthu	22 nd May	International

		Gounder Mahalingam college, Tamil nadu	2020	
16	Need of e-content development	D.G.Tatkare Arts and commerce college Tala Tal-Tala, Dist. Raigad	16 th May 2020	National
17	Intellectual property rights and Indian patent filing system	Dayanand science college, Latur	24 th April 2020	Regional
18	Women in science	School of chemical science, SRTMU Nanded	25 th Feb. 2020	Women in science
19	Current trends in Chemical Research and Technology (NCCTCRT-2020)	Shri. Shivaji college, Parbhani	22 nd Feb. 2020	National
20	Sustainable development goals	Arts, commerce and science college, Kille-Dharur	8 th Feb. 2020	National
21	Introspection, prognosis and strategy for global water resources	Sameer Gandhi Kala Mahavidyala ya, Malshiras	7 th Jan 2020	International
22	Hands on & corporate training on maintains of laboratory instruments	Rajarshi Shahu Mahavidyala ya, Latur	28 th Dec. 2019	National
23	Intellectual property rights: Indian Scenario	Dayanand science college, Latur	16 th Dec. 2019	Regional
24	Intellectual property rights and patent filing	Dayanand college of Art's Latur	4 th Dec 2019	Regional
25	Energy awareness and management	Dayanand science	9 th Aug. 2019	College level

		college, Latur		
26	The scope of revised (CBCS) curriculum of B.Sc. I & M.Sc. I Chemistry & allied subjects	Dayanand science college, Latur	24 th July 2019	University level
27	Intellectual property rights (IPR) Awareness for Teachers	Swami Ramanand Teerth Marathwada University Nanded and Rajarshi Shahu Mahavidyala ya, Latur	16 th Feb. 2019	University level
28	Welfare of Women in Indian society	Maharashtra state commission for women, Mumbai and Mahatma Basweshwar college, Latur	1 st Dec. 2018	State level
29	Research Enhancement and Quality Improvement Program	Swami Ramanand Teerth Marathwada University, Nanded	17 th Oct. 2018	University level
30	Intellectual Property Rights (IPR)	Dayanand Science college, Latur	22 nd Sept. 2018	College level
31	Skill Enhancement Course in chemistry (B.Sc. T.Y. CBCS. S.E.C. Practical)	Dayanand science college, Latur	6 th Aug. 2018	University level
32	B.Sc. Third year syllabus structure, CBCS in chemistry and Allied subjects	Gramin (A.C.S.) Mahavidyala ya, Vasdantnagar, Taq.	14 th July 2018	University level

		Mukhed, Dist. Nanded		
33	Advanced techniques in chromatography and spectroscopy	School of chemical science, SRTMU Nanded	20 th Feb. 2018	University level
34	Organic Farming	Agriculture Technology Management Agency (ATMA) Latur	12 th Jan.2018	Dist. Level
35	Applied sciences	Shri. Kumarswami Mahavidyala ya, Ausa	26-27 th Dec. 2017	International
36	Intellectual property and Patent Filing	Shri. Kumarswami Mahavidyala ya, Ausa	3 rd Oct, 2017	National
37	Choice based credit system for U.G. Programme	Swami Ramanand Teerth Marathwada University Nanded and Dayanand college of Arts, Latur	30 th June 2016	University level
38	Global environment: Issues, Challenges and solutions	Dr. B.A.M.U. Aurangabad, Shikshan Prasarak Mandal's Vaijapur, Arts Senior college, Aurangabad and Katha U.K.(Britan)	29 th Feb. 2016	International
39	The scope of Revised (CBCS) Curriculum of M.Sc.(I&II) Chemistry and Allied subjects	Lal Bahadur Shashtri Mahavidyala ya,	8 th Sept. 2015	University level

		Dharmabad and Swami Ramanand Teerth Marathwada University Nanded		
40	Emerging Trends and challenges in chemical sciences	Arts, commerce and science college, Kille-Dharur, Dist. Beed, sponsored by UGC	23-24 th Jan. 2015	National
41	SEBI Financial Literacy Workshop	Dayanand Science college, Latur in collaboration with Securities and Exchange Board of India, Mumbai	17 th Sept. 2014	College level
42	Academic Performance Indicator(API)	Shahid Bhagatsingh Mahavidyala ya, Killari	23 rd Aug. 2014	State level
43	The scope of New syllabus for B.Sc. Second Year in chemistry and Allied subjects	Shri Guru Buddhiswami Mahavidyala ya, Purna in collaboration with S.R.T.M.U. Nanded	12 th Aug 2014	University level
44	Role of Life forms in controlling pollution	Dayanand Science college, Latur sponsored	8-9 th Aug. 2014	National

		by UGC		
45	MCQ Pattern- Brain Storming Session	Shahid Bhagat Singh Mahavidyala ya, Killari in collaboration with SRTMU Nanded	15 th Dec. 2013	University level
46	Revised curriculum and its scope: Chemistry and allied subjects	N.E.S. Science college, Nanded sponsored by S.R.T.M.U.Nanded	8 th Aug.2013	University level
47	Capacity building of women managers in higher education	Rajarshi Shahu Mahavidyala ya, Latur sponsored by UGC NewDelhi	10 th -14 th Aug.2010	National
48	Recent advances in chemical kinetics, coordination and nano chemistry	Rajarshi Shahu Mahavidyala ya, Latur sponsored by UGC NewDelhi	23 rd – 24 th Jan. 2009	National
49	Scope of syllabus in chemistry at UG & PG Level	Dnyanopasa k Shikshan Mandal's college of Art's, Commerce & Science, Parbhani	18 th Nov. 2018	University level
50	Drug discovery & nanotechnology	Yashwant Mahavidyala ya, Nanded	27 th -29 th Jan. 2008	International
51	New trends in revised UGC Model based curriculum at PG level in chemistry	Dayanand science college,	2 nd Oct. 2004	Regional level

		Latur		
52	Scope of syllabus of M.Sc. IInd and B.Sc.IInd year chemistry	N.E.S.Science college, Nanded Sponsored by S.R.T.M.U. Nanded	30 th Aug. 2003	University level
53	Discussion on scope of syllabus in chemistry at UG & PG Level	N.S.B. college, Nanded	9 th Oct. 2002	University level
54	Recent techniques in instrumental methods of chemical analysis	Shri. Chhatrapati Shivaji college, Omerga	17 th -18 th March 2002	National
55	Indian council of chemist	Dr. B.A.M.U. Aurangabad	24 th -26 th Oct. 1996	National

Teaching

At Dayanand Science College, Latur

Post Graduate:

- Physical Chemistry, Thermodynamics, Electrochemistry, chemical kinetics, Practical Chemistry, General Chemistry Postgraduate supervised learning project

At Dayanand Science College, Latur

Undergraduate:

- Physical Chemistry, Photochemistry, Spectroscopy, Industrial Chemistry Practical Chemistry, Atomic and Molecular chemistry, Undergraduate supervised learning project, Colloidal chemistry, surface chemistry, catalysis, solid states, liquid states, gaseous state, mathematical concepts, distribution law

Administrative Work

At College Level	
Sr. No.	Committee/Cell

1	IQAC member
2	Carrier and Placement Cell member
3	Prevention of Sexual Harassment Cell member
4	Grievance Redressed cell member for SC/ST /OBC student
5	Research and consultancy member
6	UGC Cell member
7	Science Association member
8	(CBCS) member Skill Department
9	One Teacher One Skill
10	Gandhi Research Sanskar Exam coordinator
11	Internal Squad in University exams
12	Women's cell member
13	Award Distribution to meritorious student committee member
14	Alumni and Teacher parent committee
15	Discipline and supervision Committee
16	One Teacher One Skill Scheme member
17	NAAC Steering committee
18	Chairman of Internal Academic Audit
At University Level	
1	Paper Setter
2	Internal Examiner in Practical Examinations
3	External Examiner in Practical Examinations
4	Invigilator and Moderator
5	Evaluation/Assessment of answer sheets

Other Developmental Work

Sr. No.	Title	Agency	Sanctioned No.	Amount	Duration with Date
1	Synthesis of nano sized materials from volatile metal of beta diketonates	UGC-MRP	47/869/09 (WRO)	Rs. 2,00000/-	23 Sept. 2009 to 31 March 2011

	Synthesis, Characterization of metal complexes of β -diketone and its application as antioxidant and anti-inflammatory agents"	SRTMU, Nanded	APDS/Uni.MRP/Sci. & Tech.- Chem./2019-20/2815	Rs. 55000/-	January 13, 2020 to January 13, 2022
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Orientation/Refresher/Short term courses

Sr. No.	Course	Sponsored by	Place	Date
1	Orientation Course	UGC	Academic Staff College, Dr. B. A. M. U. Aurangabad	16/03/2006 to 12/04/2006
2	Refresher Course in Chemistry	UGC	Academic Staff College, Dr. B. A.M.U. Aurangabad	11/02/2008 to 01/03/2008
	Refresher Course in Chemistry	UGC	Academic Staff College, Dr. B. A.M.U. Aurangabad	03/12/2009 to 23/12/2009
3	Refresher Course in Chemistry	UGC	Academic Staff College, Pune University, Pune	14/12/2010 to 03/01/2011
4	Refresher Course in General Chemistry	Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Sciences, Allahabad	Dayanand Science College, Latur	21/06/2017 to 05/07/2017
5	Short Term Course	UGC	Academic Staff College, Dr. B. A. M. U. Aurangabad	02/11/2015 to 07/11/2015

6	Short Term Course	SRT M University Nanded	Shivaji college, Renapur	23/12/2014 to 28/12/2014
7	Faculty Development Programme	Shivaji University Kolhapur, MHRD Govt. of India and Pandit Madan Mohan Malviya National Mission on Teachers and Teaching(PMMMNTT)	Rajarshi Shahu Mahavidyalaya, Latur	16/09/2019 to 21/09/2019
8	Short Term Course	UGC-HRDC	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	20/01/2020 to 25/01/2020
9	Faculty Development Programme	IIT Bombay, MHRD, Govt. of India	S.S.T. College of Arts and commerce, Ulhasnagar	21/04/2020 to 27/04/2020
10	Faculty Development Programme	Pandit Madan Mohan Malviya National Mission on Teachers and Teaching(PMMMNTT)	Dept. of Higher education, MHRD, Govt. of India, Hyderabad	11/05/2020 to 15/05/2020
11	Faculty Development Programme	IIT Bombay and Pandit Madan Mohan Malviya National Mission on Teachers and Teaching(PMMMNTT)	Rajarshi Shahu Mahavidyalaya, Latur	01/05/2020 to 07/05/2020
12	Faculty Development Programme	MHRD, Govt. of India, and Pandit Madan Mohan Malviya National Mission on Teachers and Teaching(PMMMNTT)	Ramanujan College, University of Delhi	23/06/2020 to 29/06/2020
13	Short Term Course	UGC-HRDC	Jawaharlal Nehru Technological University, Hyderabad	25/01/2021 to 01/02/2021

Other

Sr. No.	Worked as	Place	Date
1	Judge for Tal. Level Science Exhibition	Global Knowledge English School, Latur	13-14 th Dec-2017
2	Judge for Dist. Level Science Exhibition	Sant Tukaram National Model School, Latur	14 th Nov. 2017
3	Organizing Committee Member in "International Conference on Mathematical Analysis and its Applications"	Dayanand Science College, Latur	March 5-9, 2017
4	Guest Lecture on 'Environment and Natural Resources Assets Development" in NSS camp organized by Dayanand Science College, Latur	Chikurda, Tq. and Dist. Latur	5 th Jan. 2017
5	Guest Lecture on 'Environment and Natural Resources Assets Development" in NSS camp organized by Dayanand Science College, Latur	Katpur, Taq. And Dist. Latur	6 th Feb. 2015
6	Guest Lecture on 'Environment and Natural Resources Assets Development" in NSS camp organized by Dayanand Science College, Latur	Rui Rameshwar, Tq. and Dist. Latur	5 th Jan. 2014
7	Teacher In charge for Avishkar Research Festival	Dayanand Science College, Latur	10 th Oct. 2014