



Dayanand Education Society's  
**Dayanand Science College, Latur**

## PERSONAL DETAILS

**Name:** Dr. Nanda Sheshrao Korde

**Date of Birth:** 26-01-1975

**Phone:** 8668654330

**E-Mail:** nandineekorde0@gmail.com



## JOB DESCRIPTION

**Unique ID :**

**Position:** Associate Professor

**Date of Appointment:** 01.12.1998

**Date of retirement:** 26.01.2035

**Department:** Chemistry

**Post Graduation:** Physical Chemistry

**Type of Association:** (Yes/No)

1. Permanent Faculty : Yes
2. CHB : No
3. Adjunct Faculty (Contract) : No
4. Visiting Faculty : No

## EDUCATION QUALIFICATION

Degree	Institute	University	Year of passing	Grade / percentage
Ph.D.	Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Oct-2013	--

M.Phil	Vinayaka Mission, Salem University, Tamilnadu	Vinayaka Mission, Salem University, Tamilnadu	March-2009	62%
NET	---	----	----	----
SET	Pune University, Pune	Pune University, Pune	May-2009	----
M. Sc. (Chemistry)	Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	M/A-1997	63.50%
B.Ed.	----	----	----	----
B. Sc.	Dyanopask Mahavidyalaya, Parbhani	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	M/A- 1995	67.86%
HSC	Dyanopask Mahavidyalaya, Parbhani	MS HSC Divisional Board, Aurangabad	M/A-1992	65.67%
SSC	Nutan Vidya Mandir, Parbhani	MS SSC Divisional Board, Aurangabad	M/A-1990	74.57%

## WORK / TEACHING EXPERIENCE

Department	Institute/college	University	Tenure/ duration
Chemistry	Dayanand Science college, Latur	Swami Ramanand Teerth Marathwada University, Nanded	01.12.1998 to till date

## COURSES TAUGHT

Department	Institute/college	University	Papers taught
Chemistry	Dayanand Science college, Latur	Swami Ramanand Teerth Marathwada University, Nanded	Physical Chemistry- B.Sc. I Physical Chemistry-B.Sc.II Physical Chemistry-B.Sc.III Physical Chemistry-M.Sc.I

## INDUSTRY EXPERIENCE

No

## OTHER EXPERIENCE

No

## RESEARCH EXPERIENCE

- ❖ Guided M.Sc. Chemistry students for their research project.
- ❖ Recognized research supervisor in the subject chemistry in Swami Ramanand Teerth Marathwada University, Nanded

## RESEARCH GUIDANCE

Sr. No	Name of Students	Research Topic	Joining Date	Completed Date
1	Miss Seema Gitaram Mehatre	Ultrasound synthesis, spectral characterization & biological evaluation of transition metal complexes of some novel $\beta$ -diketones	29.04.2019	Ongoing

## AREA OF SPECIALIZATION

**AREA OF SPECIALIZATION : Physical chemistry**

## PROJECTS CARRIED OUT

Sr. No.	Project Title	Major/ Minor	Funding Agency	Fund Received	Date of Completion
1	Synthesis of nano sized materials from volatile metal of beta diketonates	Minor	UGC- (WRO)	Rs. 2,00000/-	23 Sept. 2009 to 31 March 2011
2	Synthesis, Characterization of metal complexes of $\beta$ -diketone and its application as antioxidant and anti-inflammatory agents”	Minor	SRTMU, Nanded	Rs. 55000/-	January 13, 2020 to January 13, 2022
3	Eco-friendly synthesis of Bio-bag from Natural Resources- An alternative to Plastic bag	SRTMU, Nanded	APDS/RGSTC/CycleVII/ASTA-Proposal/2023-24/1609	Rs. 3,20,000/-	26.10.2023 to 26.10.2025 <b>Ongoing</b>

## PATENTS FILLED & GRANTED

Sr. No.	Title of Invention	Publication Date	Granted Date	Application No	National / International

## RESEARCH PUBLICATION NO OF PAPERS PUBLISHED

Sr. No.	Name of Authors	Title of the paper	Year of publication, Name of Journal, Volume & Page Nos.	Referred or Non Referred	ISBN / ISSN No.	Level (Int./ Nat./ State/ Local)	Impact Factor	Active Link
1	Aakash Singare, Jaiprakash Dargad, Nanda Korde	Ultrasound synthesis, spectral characterization and antimicrobial activities of Fe(III) complexes of $\beta$ -diketones	International journal of Pharmaceutical sciences and research (Scopus journal), Dec. 2023 , Vol. 14(12):5824-5830	Referred	ISSN: 0975-8232	International		file:///C:/Users/user/Downloads/29-Vol-14-Issue-12-December-2023-IJPSR-RA-18949%20(1).pdf
2	Aakash Singare, Balaji Kokane, Nanda Korde	Synthesis, Characterization and Biological assessment of Ni(II) complexes of $\beta$ -diketones	International journal of chemical studies 2023; 11(3): 50-55	Referred	E-ISSN: 2321-4902,	International		<a href="https://www.chemjournal.com/archives/2023/vol11issue3/PartA/11-3-17-326.pdf">https://www.chemjournal.com/archives/2023/vol11issue3/PartA/11-3-17-326.pdf</a>
3	Chaitanya Datal, Aakash Singare, Jaiprakash Dargad, Nanda Korde	Synthesis of Transition Metal Complexes of Schiff Base by Ultrasound Irradiation Method and Conventional Method –A Comparative Study	International Journal for Scientific Research & Development  Vol. 11, Issue 5, 2023	Referred	ISSN (online): 2321-0613	International		<a href="https://www.ijserd.com/articles/IJSRDV11I50092.pdf">https://www.ijserd.com/articles/IJSRDV11I50092.pdf</a>
4	Aakash Singare, Nikita Suryawanshi, Chaitanya Datal, Radhika Karad, Nanda	“Cr(III) Complexes of $\beta$ -Diketones: Ultrasonic Synthesis, Characterization and Study of Their Antibacterial and Antifungal Activity”	International Journal for Scientific Research & Development, Vol. 11, Issue 4, 2023 , pp: 67-71,		ISSN (online): 2321-0613	International		<a href="https://www.ijserd.com/articles/IJSRDV11I40111.pdf">https://www.ijserd.com/articles/IJSRDV11I40111.pdf</a>

	Korde							
5	Radhika Prakash Karad, Aakash Sanjeev Singare, Ennus Khaim Pathan, Nanda Sheshrao Korde:	Ultrasonic assisted and conventional synthesis of Schiff base and metal complexes : A comparative study”	International Research Journal of Modernization in Engineering Technology and Science, , p-1290-1293, Volume:05/Issue:04/April-2023	Referred	e-ISSN: 2582-5208	International		<a href="https://www.irjmetsets.com/uploadedfiles/paper/issue_3_march_2023/34663/final/fin_irjmetsets1681267942.pdf">https://www.irjmetsets.com/uploadedfiles/paper/issue_3_march_2023/34663/final/fin_irjmetsets1681267942.pdf</a>
6	Chaitanya Atmaram Datal, Aakash Sanjeev Singare and Nanda Sheshrao Korde	Application of Metal Complexes of Schiff Bases- A Review	International Journal of Scientific Research and Engineering Development, , Volume 6 Issue 1, p-(204-213) Jan-Feb 2023	Referred	ISSN : 2581-7175	International		<a href="http://www.ijrsred.com/volume6/issue1/IJSRED-V6I1P23.pdf">http://www.ijrsred.com/volume6/issue1/IJSRED-V6I1P23.pdf</a>
7	Nikita Suryawan shi, Aakash Singare, Nanda Korde	Biological application of Schiff base and its meytal complexres –A Review	International Research Journal of Modernization in Engineering Technology and Science, p-2053-2058, Volume:05/Issue:01/January-2023	Referred	, e-ISSN: 2582-5208	International		<a href="https://www.irjmetsets.com/uploadedfiles/paper//issue_12_december_2022/31955/final/fin_irjmetsets1673290756.pdf">https://www.irjmetsets.com/uploadedfiles/paper//issue_12_december_2022/31955/final/fin_irjmetsets1673290756.pdf</a>
8	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	Referred	e-ISSN:2582-5208,	International		<a href="https://www.irjmetsets.com/uploadedfiles/paper/issue_9_september_2022/30199/final/fin_irjmetsets1664390167.pdf">https://www.irjmetsets.com/uploadedfiles/paper/issue_9_september_2022/30199/final/fin_irjmetsets1664390167.pdf</a>
9	Nikita	Review on synthesis	International Journal of Advance Research and	Referred	Online	Internati		<a href="http://ijarjie.com/">http://ijarjie.com/</a>

	Suryawan shi, Aakash Singare, Nanda Korde	and their applications of some selected Schiff bases	Innovative Ideas in Education, , p-693-699, Vol-8 Issue-5 2022		ISSN:- 2395-4396	onal		<a href="#">AdminUploadPdf/Review on synthesis and their applications of some selected Schiff bases ijariie18246.pdf</a>
10	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	Referred	ISSN: 2319-5878	International		<a href="#">file:///C:/Users/user/Downloads/article_1664933753.pdf</a>
11	Pradnya Khandke, Pratiksha More, Aakash Singare and Nanda Korde	Comparative synthesis of transition metal complexes of $\beta$ -diketone by Ultrasound irradiation and Conventional method”	International Journal of Green and Herbal Chemistry, IJGHC, Sec. A; Vol.11, No. 2, 209-215., , May 2022	Referred	E-ISSN: 2278-3229	International		<a href="#">file:///C:/Users/user/Downloads/A.7.V.11.I.2.%201551%20(3).pdf</a>
12	Nanda S. Korde, Ravindra S. Shinde, Prashant G. Kumdale	Eco-friendly synthesis, Characterization and antimicrobial evaluation of potentially active $\beta$ -diketone ligand and it's transition metal complexes	Journal of Advanced Scientific Research, UGC Care Listed Journal, , 2021 Dec.2021, :12(4) Suppl 1: 117-121	Referred	ISSN- 0976-9595	International		<a href="#">file:///C:/Users/user/Downloads/849-Article%20Text-807-1-10-20220308.pdf</a>
13	Ravindra Sandipan	Green synthesis, Characterization and	Journal of Applied Organometallic Chemistry International	Referred	Print ISSN-	International		<a href="#">https://jaoc.samipubco.com</a>

	Shinde, <b>Nanda Sheshrao Korde,</b> Rahul Ashokrao More	Biological Activity of Aryl Azo Schiff Bases”	Peer Reviewed Journal, Online ISSN-2783-1272 , Oct. 2021; 1(3):165-173 , Vol. 1, Issue:4		<u>2783-3623</u>			/article_139181_4f863642b0f97bd1b431b70cce85c4c6.pdf
14	<b>Nanda S. Korde,</b> Yuvraj P. Sarnikar, Annarao M. Chougule	Ultrasound Irradiation Assisted Synthesis and antimicrobial screening of novel transition metal complexes of $\beta$ -diketone”	World Journal of Pharmacy and Pharmaceutical Sciences, vol. 5, issue 11, 1104-1110 ( Sept. 2016)	Referred	ISSN: 2278-4357	Internati onal		<a href="https://storage.googleapis.com/journal-uploads/wjpps/article_issue/1477937148.pdf">https://storage.googleapis.com/journal-uploads/wjpps/article_issue/1477937148.pdf</a>
15	<b>Nanda S. Korde,</b> Anjali S. Rajbhoj, Suresh T. Gaikwad, Bhimrao C. Khade,	Ultrasound irradiation assisted synthesis and antimicrobial screening of novel cyclic $\beta$ -diketones and its transition metal complexes	World Journal of Pharmacy and Pharmaceutical Research, Vol 4, Issue 10, 1571-1578 (Sept. 2015)	Referred	ISSN: 2277-7105,	Internati onal		<a href="http://www.e-journals.in/login/citation_details.asp?num1=355">http://www.e-journals.in/login/citation_details.asp?num1=355</a>
16	<b>Nanda S Korde,</b> Suresh T Gaikwad, Seema S Korde, Anjali S Rajbhoj	Ultrasound synthesis, Characterization and thermal study of some transition metal complexes of $\beta$ -diketone ligand	International Journal of Recent Technology and Engineering , vol-2, issue-4, 147-151( Sept. 2013)	Referred	ISSN: 2277-3878,	Internati onal		<a href="https://www.ijrte.org/wp-content/uploads/papers/v2i4/D0792092413.pdf">https://www.ijrte.org/wp-content/uploads/papers/v2i4/D0792092413.pdf</a>
17	<b>Nanda S Korde,</b> Anjali S. Rajbhoj, Suresh T. Gaikwad and Seema S. Korde	Efficient Ultrasound synthesis of $\beta$ -diketone and its metal complexes	Scholars Research Library Der Pharma Chemica, 4(5):1868-1872(2012)	Referred	ISSN 0975-413X	Internati onal		<a href="https://www.derpharmachemica.com/pharmachemica/efficient-ultrasound-synthesis-of-diketone-and-its-metal-complexes.pdf">https://www.derpharmachemica.com/pharmachemica/efficient-ultrasound-synthesis-of-diketone-and-its-metal-complexes.pdf</a>

18	<b>Nanda Korde</b> , 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),	Referred	E-ISSN:2278-3229	International	<a href="file:///C:/Users/user/Downloads/V1I3G3%20(4).pdf">file:///C:/Users/user/Downloads/V1I3G3%20(4).pdf</a>
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## BOOK PUBLICATION

Sr. No.	Name of Authors.	Publication	Title of the book	Year of publication	ISBN / ISSN No.	Level (Int. / Nat. / State. / Local)
1	Aakash Singare, <b>Nanda Korde</b>	Amazon KDP	Physical Chemistry B.Sc. II(Part-I)	July 2023	ISBN: 9798405258799	International
2	Aakash Singare, Pradnya Khandke, <b>Nanda Korde</b>	Notion Press, Inc. 800, West El Camino Real #180, California USA 94040	Practical Analytical chemistry-B.Sc.I	Sept. 2022	ISBN: 979-8888152959-9	International
3	Aakash Singare, <b>Nanda Korde</b>	Notion Press, Inc. 800, West El Camino Real #180, California USA 94040	Practical physical chemistry - B.Sc.III	January 2022	ISBN: 979-888569350-9	International
4	Bhimrao Khade, <b>Nanda Korde</b>	ABS publications Ashapur, Sarnath, Varanasi	Stability constant of metal complexes	Aug-2019	ISBN: 978-93-86077-86-8	National
5	<b>Nanda Korde</b>	Aruna Prakashan Latur,	Practical in Physical Chemistry-M.Sc.I	July 2019	ISBN: 978-81-941315-7-1	National
6	<b>Nanda Korde</b>	Aruna Prakashan, Latur	Practical Physical & Inorganic Chemistry- B. Sc. Second Year	Jan.2019	ISBN: 978-93-5240-197-0	National

## BOOK CHAPTER PUBLICATION

Sr. No.	Name of Authors.	Title of Chapter	Year of publication	ISBN / ISSN No.	Level (Int. / Nat. / State. / Local)



## CONFERENCE / WORKSHOP / SEMINAR ATTENDED

Sr. No	Workshop	Date	Sponsored	Organized BY
1	Recent Advances in Chemistry and Their Applications in Emerging Areas	9-11 <sup>th</sup> January 2023	Swami Ramamnand Teerth Marathwada University, Nanded	School of Chemical Science, Swami Ramamnand Teerth Marathwada University, Nanded
2	Advances in science and technologies	6 <sup>th</sup> -7 <sup>th</sup> Feb. 2023	Karpaga Vinayaga college of Engineering and Technology Chinna Kolambakkam, Tamilnadu	Department of Science and Humanities Karpaga Vinayaga college of Engineering and Technology Chinna Kolambakkam, Tamilnadu
3	Role of Ionic Liquids in Green Chemistry	25 <sup>th</sup> Aug. 2022	Rajarshi college, Latur	Department of Chemistry & Analytical chemistry, Rajarshi college, Latur
4	Recent Trends in Organic Chemistry-2022	23 <sup>rd</sup> July 2022	Indira Gandhi Sr. college, CIDCO, Nanded	Department of Chemistry, Indira Gandhi Sr. college, CIDCO, Nanded
5	Advances in chemical sciences for better future-2022	4 <sup>th</sup> Feb. 2022	Digambarrao Bindu Arts, Commerce & Science college, Bhokar, Dist. Latur	Digambarrao Bindu Arts, Commerce & Science college, Bhokar, Dist. Latur
6	Physical and human dimensions of environment, climate change and sustainable development	25 <sup>th</sup> Feb. 2021	Sharadchandra Mahavidyalaya, Shiradhane	Sharadchandra Mahavidyalaya, Shiradhane
7	Multidisciplinary perspectives on health, society, environmental and sustainable development	20 <sup>th</sup> Dec. 2020	Shree Mallikarjun and Shri. Chetan Manju Desai college, Canacvona, Goa	Shree Mallikarjun and Shri. Chetan Manju Desai college, Canacvona, Goa
8	Challenges in Higher education due to covid-19	16 June 2020	Late Ku. Durga K. Banmeru Science college, Lonar, Dist. Buldhana	Late Ku. Durga K. Banmeru Science college, Lonar, Dist. Buldhana
9	Impact of covid-19 on world: Problems, Challenges and opportunities	15 June 2020	Narayanrao Rana Mahavidyalaya, Badnera, Amravati	Narayanrao Rana Mahavidyalaya, Badnera, Amravati
10	Role of science and Technology in the Diagnosis of novel corona virus (COVID-19)	10 June 2020	Dept. of science, Dr. B.R.Ambedkar college, Baghlingampally, Hyderabad	Dept. of science, Dr. B.R.Ambedkar college, Baghlingampally, Hyderabad
11	Post covid-19 Educational scenario: Prospects and challenges	6 June 2020	School of Education, Hemvati Nandan Bahuguna Garhwal University, Srinagar Garhwal, Uttarakhand	School of Education, Hemvati Nandan Bahuguna Garhwal University, Srinagar Garhwal, Uttarakhand

12	Covid-19: Impact of online education system in some perspectives	5 June 2020	Mahila Mahavidyalaya, Banaras Hindu University, Varanasi, UP, India	Mahila Mahavidyalaya, Banaras Hindu University, Varanasi, UP, India
13	Effect of covid-19 on Environment and education system	3-4 June 2020	Pt.Deen Dayal Upadhyay Rajkly Mahila Snatkottar Mahavidyalaya Rajajipuram, Lucknow	Pt.Deen Dayal Upadhyay Rajkly Mahila Snatkottar Mahavidyalaya Rajajipuram, Lucknow
14	How to be successful as a professor?	2 June 2020	A.V.C. college of Engineering, Mannampandal, Tamilnadu	A.V.C. college of Engineering, Mannampandal, Tamilnadu
15	Covid-19: Affected sectors in India	1 June 2020	Shri. Muktanand College, Gangapur, Dist. Aurangabad	Shri. Muktanand College, Gangapur, Dist. Aurangabad
16	Use of modern technology in daily teaching-The need of the Hour	29 <sup>th</sup> May 2020	Vaishnavi Majhavidyalaya, Wadwani, Dist. Beed	Vaishnavi Majhavidyalaya, Wadwani, Dist. Beed
17	Organic chemist and spectroscopy: Introduction of NMR and its application in structure determination	28 <sup>th</sup> May 2020	Shri. Vaishnav Vidyapeeth Vishwavidyalaya, Indore	Shri. Vaishnav Vidyapeeth Vishwavidyalaya, Indore
18	Recent trends in information technology-2020	24 <sup>th</sup> May 2020	J.J.college of Arts and Science, Pudukkottai, Tamilnadu	J.J.college of Arts and Science, Pudukkottai, Tamilnadu
19	Covid-19, Impact on society	23 May 2020	Dr.K. Umathe college, Nagpur	Dr.K. Umathe college, Nagpur
20	Personality development	22 <sup>nd</sup> May 2020	Nallmuthu Gounder Mahalingam college, Tamilnadu	Nallmuthu Gounder Mahalingam college, Tamilnadu
21	Need of e-content development	16 <sup>th</sup> May 2020	D.G.Tatkare Arts and commerce college Tala Tal-Tala, Dist. Raigad	D.G.Tatkare Arts and commerce college Tala Tal-Tala, Dist. Raigad
21	Intellectual property rights and Indian patent filing system	24 <sup>th</sup> April 2020	Dayanand science college, Latur	Dayanand science college, Latur
22	Women in science	25 <sup>th</sup> Feb. 2020	School of chemical science, SRTMU Nanded	School of chemical science, SRTMU Nanded
23	Current trends in Chemical Research and Technology (NCCTCRT-2020)	22 <sup>nd</sup> Feb. 2020	Shri. Shivaji college, Parbhani	Shri. Shivaji college, Parbhani
24	Sustainable development goals	8 <sup>th</sup> Feb. 2020	Arts, commerce and science college, Kille-Dharur	Arts, commerce and science college, Kille-Dharur
25	Introspection, prognosis and strategy for global water resources	7 <sup>th</sup> Jan2020	Sameer Gandhi Kala Mahavidyalaya, Malshiras	Sameer Gandhi Kala Mahavidyalaya, Malshiras
26	Hands on & corporate training on maintains of laboratory instruments	28 <sup>th</sup> Dec. 2019	Rajarshi Shahu Mahavidyalaya, Latur	Rajarshi Shahu Mahavidyalaya, Latur
27	Intellectual property rights: Indian Scenario	16 <sup>th</sup> Dec. 2019	Dayanand science college, Latur	Dayanand science college, Latur

28	Intellectual property rights and patent filing	4 <sup>th</sup> Dec 2019	Dayanand college of Art's Latur	Dayanand college of Art's Latur
29	Energy awareness and management	9 <sup>th</sup> Aug. 2019	Dayanand science college, Latur	Dayanand science college, Latur
30	The scope of revised (CBCS) curriculum of B.Sc. I & M.Sc. I Chemistry & allied subjects	24 <sup>th</sup> July 2019	Dayanand science college, Latur	Dayanand science college, Latur
31	Intellectual property rights (IPR) Awareness for Teachers	16 <sup>th</sup> Feb. 2019	Swami Ramanand Teerth Marathwada University Nanded and Rajarshi Shahu Mahavidyalaya, Latur	Swami Ramanand Teerth Marathwada University Nanded and Rajarshi Shahu Mahavidyalaya, Latur
32	Welfare of Women in Indian society	1 <sup>st</sup> Dec. 2018	Maharashtra state commission for women, Mumbai and Mahatma Basweshwar college, Latur	Maharashtra state commission for women, Mumbai and Mahatma Basweshwar college, Latur
33	Research Enhancement and Quality Improvement Program	17 <sup>th</sup> Oct. 2018	Swami Ramanand Teerth Marathwada University, Nanded	Swami Ramanand Teerth Marathwada University, Nanded
34	Intellectual Property Rights (IPR)	22 <sup>nd</sup> Sept. 2018	Dayanand Science college, Latur	Dayanand Science college, Latur
35	Skill Enhancement Course in chemistry (B.Sc. T.Y. CBCS. S.E.C. Practical)	6 <sup>th</sup> Aug. 2018	Dayanand science college, Latur	Dayanand science college, Latur
36	B.Sc. Third year syllabus structure, CBCS in chemistry and Allied subjects	14 <sup>th</sup> July 2018	Gramin (A.C.S.) Mahavidyalaya, Vasdantnagar, Taq. Mukhed, Dist. Nanded	Gramin (A.C.S.) Mahavidyalaya, Vasdantnagar, Taq. Mukhed, Dist. Nanded
37	Advanced techniques in chromatography and spectroscopy	20 <sup>th</sup> Feb. 2018	School of chemical science, SRTMU Nanded	School of chemical science, SRTMU Nanded
38	Organic Farming	12 <sup>th</sup> Jan. 2018	Agriculture Technology Management Agency (ATMA) Latur	Agriculture Technology Management Agency (ATMA) Latur
39	Applied sciences	26-27 <sup>th</sup> Dec. 2017	Shri. Kumarswami Mahavidyalaya, Ausa	Shri. Kumarswami Mahavidyalaya, Ausa
40	Intellectual property and Patent Filing	3 <sup>rd</sup> Oct, 2017	Shri. Kumarswami Mahavidyalaya, Ausa	Shri. Kumarswami Mahavidyalaya, Ausa
41	Choice based credit system for U.G. Programme	30 <sup>th</sup> June 2016	Swami Ramanand Teerth Marathwada University Nanded and Dayanand college of Arts, Latur	Swami Ramanand Teerth Marathwada University Nanded and Dayanand college of Arts, Latur
42	Global environment: Issues, Challenges and solutions	29 <sup>th</sup> Feb. 2016	Dr. B.A.M.U. Aurangabad, Shikshan Prasarak Mandal's Vaijapur, Arts Senior college, Aurangabad and Katha U.K.(Britan)	Dr. B.A.M.U. Aurangabad, Shikshan Prasarak Mandal's Vaijapur, Arts Senior college, Aurangabad and Katha U.K.(Britan)
43	The scope of Revised (CBCS) Curriculum of M.Sc.(I&II) Chemistry and Allied subjects	8 <sup>th</sup> Sept. 2015	Lal Bahadur Shashtri Mahavidyalaya, Dharmabad and Swami Ramanand Teerth Marathwada University	Lal Bahadur Shashtri Mahavidyalaya, Dharmabad and Swami Ramanand Teerth Marathwada University Nanded

			Nanded	
44	Emerging Trends and challenges in chemical sciences	23-24 <sup>th</sup> Jan. 2015	Arts, commerce and science college, Kille-Dharur, Dist. Beed, sponsored by UGC	Arts, commerce and science college, Kille-Dharur, Dist. Beed, sponsored by UGC
45	SEBI Financial Literacy Workshop	17 <sup>th</sup> Sept. 2014	Dayanand Science college, Latur in collaboration with Securities and Exchange Board of India, Mumbai	Dayanand Science college, Latur in collaboration with Securities and Exchange Board of India, Mumbai
46	Academic Performance Indicator(API)	23 <sup>rd</sup> Aug. 2014	Shri Guru Buddhiswami Mahavidyalaya, Purna in collaboration with S.R.T.M.U. Nanded	Shri Guru Buddhiswami Mahavidyalaya, Purna in collaboration with S.R.T.M.U. Nanded
47	The scope of New syllabus for B.Sc. Second Year in chemistry and Allied subjects	12 <sup>th</sup> Aug 2014	Dayanand Science college, Latur sponsored by UGC	Dayanand Science college, Latur sponsored by UGC
48	Role of Life forms in controlling pollution	8-9 <sup>th</sup> Aug. 2014	Shahid Bhagat Singh Mahavidyalaya, Killari in collaboration with SRTMU Nanded	Shahid Bhagat Singh Mahavidyalaya, Killari in collaboration with SRTMU Nanded
49	MCQ Pattern- Brain Storming Session	15 <sup>th</sup> Dec. 2013	N.E.S. Science college, Nanded sponsored by S.R.T.M.U.Nanded	N.E.S. Science college, Nanded sponsored by S.R.T.M.U.Nanded
50	Revised curriculum and its scope: Chemistry and allied subjects	8 <sup>th</sup> Aug.2013	Shri Guru Buddhiswami Mahavidyalaya, Purna in collaboration with S.R.T.M.U. Nanded	Shri Guru Buddhiswami Mahavidyalaya, Purna in collaboration with S.R.T.M.U. Nanded
51	Capacity building of women managers in higher education	10 <sup>th</sup> -14 <sup>th</sup> Aug.2010	Rajarshi Shahu Mahavidyalaya, Latur sponsored by UGC NewDelhi	Rajarshi Shahu Mahavidyalaya, Latur sponsored by UGC NewDelhi
52	Recent advances in chemical kinetics, coordination and nano chemistry	23 <sup>rd</sup> – 24 <sup>th</sup> Jan. 2009	Rajarshi Shahu Mahavidyalaya, Latur sponsored by UGC NewDelhi	Rajarshi Shahu Mahavidyalaya, Latur sponsored by UGC NewDelhi
53	Scope of syllabus in chemistry at UG & PG Level	18 <sup>th</sup> Nov. 2018	Dnyanopasak Shikshan Mandal's college of Art's, Commerce & Science, Parbhani	Dnyanopasak Shikshan Mandal's college of Art's, Commerce & Science, Parbhani
54	Drug discovery & nanotechnology	27 <sup>th</sup> -29 <sup>th</sup> Jan. 2008	Yashwant Mahavidyalaya, Nanded	Yashwant Mahavidyalaya, Nanded
55	New trends in revised UGC Model based curriculum at PG level in chemistry	2 <sup>nd</sup> Oct. 2004	Dayanand science college, Latur	Dayanand science college, Latur
56	Scope of syllabus of M.Sc. IInd and B.Sc.IInd year chemistry	30 <sup>th</sup> Aug. 2003	N.E.S.Science college, Nanded Sponsored by S.R.T.M.U. Nanded	N.E.S.Science college, Nanded Sponsored by S.R.T.M.U. Nanded
57	Discussion on scope of syllabus in chemistry at UG & PG Level	9 <sup>th</sup> Oct. 2002	N.S.B. college, Nanded	N.S.B. college, Nanded
58	Recent techniques in instrumental methods of chemical analysis	17 <sup>th</sup> -18 <sup>th</sup> March 2002	Shri. Chhatrapati Shivaji college, Omerga	Shri. Chhatrapati Shivaji college, Omerga

59	Indian council of chemist	24 <sup>th</sup> -26 <sup>th</sup> Oct. 1996	Dr. B.A.M.U. Aurangabad	Dr. B.A.M.U. Aurangabad
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## ORIENTATION AND REFRESHER COURSE

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
3	Refresher Course in Chemistry	UGC	Academic Staff College, Dr. B. A.M.U. Aurangabad	03/12/2009 to 23/12/2009
4	Refresher Course in Chemistry	UGC	Academic Staff College, Pune University, Pune	14/12/2010 to 03/01/2011
5	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

## TECHNOLOGY TRANSFER (USE OF ICT )

1. Uploaded on e-dscl

## FACULTY DEVELOPMENT PROGRAM ATTENDED

Sr. No.	Course	Sponsored by	Place	Date
1	Short Term Course	UGC	Academic Staff College, Dr. B. A. M. U. Aurangabad	02/11/2015 to 07/11/2015
2	Short Term Course	SRT M University Nanded	Shivaji college, Renapur	23/12/2014 to 28/12/2014
3	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
4	Short Term Course	UGC-HRDC	Dr. Babasaheb Ambedkar	20/01/2020 to

			Marathwada University, Aurangabad	25/01/2020
5	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
6	Faculty Development Programme	Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT)	Dept. of Higher education, MHRD, Govt. of India, Hyderabad	11/05/2020 to 15/05/2020
7	Faculty Development Programme	IIT Bombay and Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT)	Rajarshi Shahu Mahavidyalaya, Latur	01/05/2020 to 07/05/2020
8	Faculty Development Programme	MHRD, Govt. of India and Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT)	Ramanujan College, University of Delhi	23/06/2020 to 29/06/2020
9	Short Term Course	UGC-HRDC	Jawaharlal Nehru Technological University, Hyderabad	25/01/2021 to 01/02/2021

## INVITED AS RESOURCE PERSON / INVITED TALKS

Sr. No.	Title of the paper presented	Title of the conference/seminar	Organized by	Whether International/ National
1	A comparative study of ultrasonic assisted and conventional synthesis of Schiff base and its transition metal complexes	Recent Trends in Drug Discovery and Development	Dayanand Education Society's Dayanand College of Pharmacy, Latur, India Date: 2 <sup>nd</sup> -3 <sup>rd</sup> February 2024	International
2	Synthesis, Spectroscopic and biological studies of metal complexes of $\beta$ -diketone	Advances in Science and Technology (NCAST-2023)	Department of Science and Humanities Karpaga Vinayaga college of Engineering and Technology Chinna Kolambakkam, Tamilnadu Date: 6 <sup>th</sup> - 7 <sup>th</sup> Feb. 2023	National
3	Structural, spectroscopic and biological studies on metal complexes of $\beta$ -diketone	Recent Advances in Nanotechnology: Drug Discovery & Therapeutics	Institute of Pharmacy, Nirma University, Ahmedabad (Gujarat) Date: 24 <sup>th</sup> -25 <sup>th</sup> January 2023	International
4	Environment Ecofriendly	Current Scenario in Chemical sciences (CSCS-	Moolji Jaitha college, Jalgaon, Maharashtra from	International

	synthesis of metal complexes of $\beta$ -diketone and its Biological interest	2022)	Date:16 <sup>th</sup> -17 <sup>th</sup> Sept. 2022	
5	Synthesis, characterization and biological application of metal complexes of $\beta$ -diketone	Advances and Innovations in Natural Product Research	B. Pharmacy college, Rampura, Gujrat Date: 18 <sup>th</sup> -19 <sup>th</sup> Feb 2022	National
6	Conventional and ultrasound synthesis of metal complexes of $\beta$ -diketone and its antimicrobial screening	Advances in material science and Applied Biology (ICAMSAB-22)	Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar(Burli) Date: 27 <sup>th</sup> -28 <sup>th</sup> Jan. 2022	International
7	Antimicrobial potential of $\beta$ -diketone and its transition metal complexes	Chemistry-Frontier & Challenges(ICCFC-2022)	PG & Research Department of Chemistry , PSGR Krishnammal college for Women, Coimbtore, Tamilnadu Date: 5 <sup>th</sup> -7 <sup>th</sup> Jan.2022	International
8	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 Date:17 <sup>th</sup> May, 2021)	National
9	Synthesis, characterization and antimicrobial evaluation of potentially active $\beta$ -diketone ligand and its transition metal complexes	Covid-19: Challenges and Opportunities in Pharmaceutical research	Nirma Institute of Pharmacy, Nirma University, Ahmedabad (Gujarat) Date:18 <sup>th</sup> -19 <sup>th</sup> March, 2021	International
10	Green synthesis, characterization and antimicrobial evaluation of potentially active $\beta$ -diketone ligand and its transition metal complexes	Advanced Materials for Emerging Technologies (ICAMET-21)	Sri.Ramkrishna Mission Vidyalaya, college of Arts and Science, Coimbatore. Date:26 <sup>th</sup> -27 <sup>th</sup> April. 2021	International
11	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 Date:7 <sup>th</sup> January 2020	International Conference

## AWARDS AND ACHIEVEMENTS

- ❖ Coordinator for Academies two days Lecture Workshop on 'Basic Chemistry' sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Science India, Allahabad  
(5<sup>th</sup> -6<sup>th</sup> March 2024, Ref: SEP/LW/February/2024 Date: 27.02.2024)
- ❖ Coordinator for one week National Level Faculty Development Programme on 'Student Guidance, Counseling and Soft Skill Development' in collaboration with SRTMU Nanded (18<sup>th</sup>-23<sup>rd</sup> December 2023)
- ❖ Coordinator for one day Hands-on **National Workshop** on 'Introduction & Applications of UV-Visible Absorption Spectroscopy' sponsored by SRTMU Nanded (24<sup>th</sup> August 2023)
- ❖ Subject expert in interview for Regular post of assistant professor organized by Science college, Nanded at 1st July 2023 (Ref no: जा क्र NES /2023-24/48 Date: 16<sup>th</sup> June 2023)
- ❖ Member of V.C. nominee under CAS organized by Yashwant Mahavidyalaya, Nanded at 29<sup>th</sup> June 2023 (Ref. No. Acad/02/CAS-Committee/2022-23/1824 Date: 17.05.2023)
- ❖ Member of Board of Innovation, Incubation and Enterprise in Swami Ramanand Teerth Marathwada University Nanded (Ref: SRTMUN/ Election-2022/ Nominaton/2022-23/1566, Date: 2<sup>th</sup> March 2023 to 31<sup>st</sup> Aug 2027)
- ❖ Member of Board of Studies in Chemistry in Swami Ramanand Teerth Marathwada University Nanded (Ref: Election/BOS/2018-18/966, Date: 2<sup>nd</sup> Feb. 2018 to 31<sup>st</sup> Aug 2022)
- ❖ Rotary Aadarsh Shikshak Puraskar 2022-23 by Rotary Club of Latur Midtown
- ❖ Coordinator for Gandhi Sanskar Examination sponsored by Gandhi Research Foundation, Jalgaon.
- ❖ SRTMU Nanded member of Affiliation committee  
जा क्र शैक्षणिक/संलग्न-03/दापका-३५७/2022-23/1031 Date: 21st Oct.2022
- ❖ Subject expert in CAS Camp organized by Shri. Sant Gadge Maharaj, Loha, Dist. Nanded at 9<sup>th</sup> Nov.2022 ( जा क्र/175/2022 Date: 20<sup>th</sup> Oct.2022)
- ❖ Coordinator for one day National Seminar on 'Recent Advances in Spectroscopy' sponsored by SRTMU Nanded (29<sup>th</sup> Sept. 2022)
- ❖ **Best oral paper presenter** in International Virtual conference on Chemistry- Frontiers & Challenges (ICCFC-2022) organized by PG & Research Department of Chemistry, PSGR Krishnammal college for Women, Copimbatore, Tamil Nadu, India
- ❖ Coordinator for Academies three days Virtual Lecture Workshop on 'Fundamental Chemistry' sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Science India, Allahabad.(23<sup>rd</sup> -25<sup>th</sup> Oct. 2021)
- ❖ Participated as Resource Person in Academies three days Virtual Lecture Workshop on 'Fundamental Chemistry' sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Science India, Allahabad.(23<sup>rd</sup> -25<sup>th</sup> Oct. 2021)
- ❖ Coordinator for online one day Workshop on 'The Scope of Revised (CBCS) curriculum of B.Sc. III Chemistry and allied subjects' sponsored by SRTMU Nanded (18<sup>th</sup> Oct. 2021)
- ❖ Participated as Resource Person in online one day Workshop on 'The Scope of Revised (CBCS) curriculum of B.Sc. III Chemistry and allied subjects' sponsored by SRTMU Nanded (18<sup>th</sup> Oct. 2021)
- ❖ Acted as Resource Person in one day Virtual National Conference on "Energy, Environment and Materials(NCEEM-2021)" jointly organized by the Centre for Environment and Social Research(CESR) & Department of Chemistry, Nehru institute of Technology, Coimbatore on 28.09.2021



- ❖ Participated as a Judge in one day Handmade poster presentation competition organized by Dayanand science college, Latur (**5<sup>th</sup> 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, Sengaon in collaboration with Swami Ramanand Teerth Marathwada University, Nanded (**31<sup>st</sup> Aug. 2020**)
- ❖ Reviewer of Advances in Science, Technology and Engineering Systems Journal (ASTEST) (**28<sup>th</sup> March 2020**, ISSN: 2415-6698)
- ❖ Reviewer of International Journal of Engineering Research and Technology (IJERT) (**29<sup>th</sup> Feb. 2020**, ISSN: 2278-0181)
- ❖ Advisory committee member in National Conference on Current trends in chemical research and technology (NCCTCRT-2020) held at Shri. Shivaji college, Parbhani (**22<sup>nd</sup> Feb. 2020**)
- ❖ Bentham Ambassador in Bentham Science Publication (**2019-20**)
- ❖ Participated as Resource Person in one day workshop on “The Scope of Revised (CBCS) curriculum for B.Sc. I & M.Sc. I Chemistry and allied subjects”- **24<sup>th</sup> (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”- (**24<sup>th</sup> 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 (**29<sup>th</sup> June.2019**)
- ❖ Reviewer of Journal of Emerging Technologies and Innovative Research (**23<sup>rd</sup> April 2019**, ISSN: 2349-5162)
- ❖ Published practical book entitled,” Practical Physical & Inorganic Chemistry- B. Sc Second Year” (**Jan.2019**), Aruna Prakashan, ISBN: 978-93-5240-197-0
- ❖ Coordinator for Academies 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 (**5<sup>th</sup> -7<sup>th</sup> Jan. 2019**, Ref: SEP/LW/January/2019)
- ❖ Participated as Resource Person for Inspire Internship Science Camp 2018 at Dayanand Science College, Latur (**22-26<sup>th</sup> 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)”- (**6<sup>th</sup> 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. (**14<sup>th</sup> July 2018**)
- ❖ Research Coordinator in Department of Chemistry at Dayanand Science College, Latur (Date: **25<sup>th</sup> June 2018**, Ref: 05/2018-19/389)

- ## ADMINISTRATIVE TASK DONE

### 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	Member of academic audit and departmental stock checking
19	Member of admission committee
20	Member of mentor-mentee

#### **At University Level**

1	Annual Syllabus structuring and framing
2	Paper Setter
3	Internal Examiner in Practical Examinations
4	External Examiner in Practical Examinations
5	Invigilator and Moderator
6	Evaluation/Assessment of answer sheets

### **OTHER CO-CURRICULAR ACTIVITIES.**

#### **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	Member of academic audit and departmental stock checking
19	Member of admission committee
20	Member of mentor-mentee

**At University Level**

1	Annual Syllabus structuring and framing
2	Paper Setter
3	Internal Examiner in Practical Examinations
4	External Examiner in Practical Examinations
5	Invigilator and Moderator
6	Evaluation/Assessment of answer sheets

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