

CURRICULUM VITAE

Name: DR. Mrs. SUPARNA RAVINDRA DESHMUKH



Designation and Official Address:

Professor and Head
Department Of Chemistry,
Smt. S K. Gandhi Arts Amolak Science
P.H. Gandhi Commerce College Kada, Dist. Beed 414202

Residential Address:

204, Vasant Vihar, Bagde Mala,
Balikashram Road, Ahmednagar-414001
Phone : (0241)2326989. Mobile : 9423791564
Email : suparna.deshmukh@gmail.com

UID Number:

76803925977

Date of Birth :

21/12/1969

Academic Qualification:

- i. B.Sc.(1988), Nagpur University, Nagpur.
- ii. M.Sc.(1990), Nagpur University, Nagpur, Majored in Analytical Chemistry.
- iii. Ph.D(1995) : Title Of thesis–

“Studies in Dye – Surfactant Interaction & Its Subsequent Reaction with Heavy Metal Ions – A Spectrophotometric Study” from R T M Nagpur University”

Training Courses Attended:

Name of Programme	Place	Duration	Sponsoring Agency
79 th ORIENTATION PROGRAMME	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	02 Sep to 27 Sep 2009	UGC- Academic Staff College, Dr BAMU, Aurangabad
REFRESHER COURSE in Environmental Studies	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	05 Aug – 26 Aug 2013	UGC- Academic Staff College, Dr BAMU, Aurangabad
REFRESHER COURSE in Environmental Studies	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	26 Sep – 18 Oct 2014	UGC- Academic Staff College, Dr BAMU, Aurangabad
SHORT TERM COURSE in BioScience	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	16 Jan – 21 Jan 2017	UGC- Academic Staff College, Dr BAMU, Aurangabad

Teaching Experience:

Total Teaching Experience of **20** years at Under Graduate and **09** years at Post Graduate levels.

- Presently Working as Professor and Head Department of Chemistry at Smt S. K. Gandhi Arts, Amolak Science P. H. Gandhi Commerce College, Kada from 21st August, 2006 onwards.
- Worked as Assistant Professor in the Department of Chemistry, New Arts, Commerce & Science College, Ahmednagar from July 2003 to May 2005.
- Worked On Clock Hour Basis at Pemraj Sarda College Ahmednagar from June 2005 to March 2006
- Worked as a Full Time Lecturer at Priyadarshini College of Engineering, Nagpur from July 1993 to July 1995
- Worked on Leave Vacancy at L. A. D. College Nagpur for Two Months in 1993
- Worked as a Contributory Lecturer at Department of Chemistry, P. G. T. D Campus, R T M Nagpur University, Nagpur from June 1991 to March 1993.

Research Paper Publications:

- 1 Surfactant Induced CAS – Metal Ion Interactions: A Spectrophotometric Study Published in Applied Research And Development Institute Journal,
- 2 'Water Quality Assessment Of Ahmednagar City Published in Shodhankan, IF; 0.41
- 3 Analytical Studies For Potability Of Drinking Water Published in Vidyawarta, IF 3.02
- 4 'Studies in Complexation Behavior Of EAB-SLS-Heavy Metal Ion For Microdetermination' Published in Golden Research Thoughts, IF 2.29
- 5 'Studies On Environmental Pollution And Health Hazards Of Cigarette Smoke Published, in Shodhankan IF **0.41**.
- 6 'Study On Interaction Of Chrome Azurol S –CTAB, SLS, for Analysis Of Heavy Metal Ions' Published in Journal Of Medicinal Chemistry and Drug Discovery IF 5.69
- 7 'Surfactant Induced Eriochrome Cyanine R- Metal Ion Interactions' Published in Asian Journal Of Chemistry, SCOPUS Indexed Journal
- 8 'Scenario Of Global Warming And Climatic Changes Published in Research Journal LAD & SRP Women College, Nagpur
- 9 Study on Interaction of CAS, and Surfactants CTAB, SLS, for Heavy Metal Ions Published in Procd; RDCS – 2015 ISSN : 9789383401-33-8, Organised by Radhabai Kale Mahila Mahavidyalaya, in page 61-62; Dec. 2015.
- 10 Kinetic Model Development for Esterification using Ion Exchange Resin as Catalyst' Published in Journal Of Medicinal Chemistry and Drug Discovery, Issue 2, Vol. 1, ISSN 2347-9027; IF 5.69, Feb 2016
- 11 Analytical Studies on Assay Determination Of Calcium from Calcium Containing Drugs, Published in VidyaWarta International Multilingual Research Journal, MAH MUL/03051/2012; ISSN 2319-9318, Issue 14, Vol. 02; IF 3.12 Apr- June 2016
- 12 Studies on TPM Dye-Surfactant EAB and TX-100 Interaction for Microdetermination of Transition Metal Ions Published in International Journal Of Innovative Research in Science, Engineering and Technology, ISSN 2347-6710 Vol. 5, Issue 12, December 2016, IF 6.209
- 13 Analytical Studies Interaction Of Triphenyl Methane Dye and Surfactant and Its Application for Detection of Heavy Metal Ions : A Spectrophotometric Study Published in Proceedings of International Conference on Golden Opportunities for Latest Developments in Chemistry and Technology, ISSN : 2347-9027.
- 14 Studies On Biochemical Effects Of Stress Releasing on Human Body, Published in Journal Of Medicinal Chemistry and Drug Discovery, ISSN 2347-9027; Issue 3, Vol. 2, IF 5.69, Jan. 2017
- 15 Review On Therapeutic Effects Of SK On Depression Published in Journal Of Medicinal Chemistry and Drug Discovery, ISSN 2347- 9027; Issue 3, Vol.3, IF 5.69, Feb. 2017
- 16 Water Quality Assessment for Physico Chemical Analysis in Ahmednagar City, Published in Journal Power Of Knowledge. ISSN 2320-4494, Vol. 1 April 2017
- 17 Studies in Chelating Behavior Of ECR With Uranium and Ytterbium Ions in the Presence Of CTAB, & TX in Journal of Ultra Chemistry, ISSN 0973-3450; IF 2.29 Indexed by SCOPUS, May 2017

- 18 Comparative Studies On Potability Of Harvested Rain Water and Ground Water Published in Peer Reviewed Referred Journal, Bio-Nano Frontier Vol. 10, Issue 02, IF-4.856, July 2017
- 19 Studies on Complexation Accuracy and Precision of PCV and CAS with CTAB in Determination Of Heavy Metal Ions Published in International Journal Of Current Research, ISSN 0975–833X, Vol.9, Issue 7, IF 7.086 Indexed by PUBMED, July 2017
- 20 Comparative Studies on Water Quality Assessment of Harvested and Non Harvested Rain Water Published in International Journal Of Development in Research, Vol. 7, Issue 9,ISSN 2320-9926; IF 4.7, Indexed in PUBMED, Sept. 2017
- 21 Studies on Dye, CAS – Surfactant, CTAB Interaction Published in Shodhankan, Vol. 4, Issue 6, IF 0.49, ISSN 2250 – 0383, Oct. 2017.
- 22 An Antidepressant Technique Of SKY in International Journal Of Current Research, Vol. 9, Issue 10, ISSN 0975- 833X, IF 7.086, Indexed by PUBMED, Oct. 2017
- 23 CAS – CTAB & CAS – SLS Binary Systems Complexometric Studies Published in International Journal Of Current and Advanced Research, Vol.6, Issue 7, IF5.995,Indexed by PubMed, Oct. 2017
- 24 Quality Assesment of Drinking Water in Kada, Published in International Journal for Research in Applied Science & in Engineering Technology, IF 6.887 ISSN 2321- 9653,Nov. 2017
- 25 Studies On TPM Dye Chrome Azurol-S and Non Ionic Surfactant Triton X -100 Published in Vidyawarta, IF 3.03, Nov. 2017
- 26 Comparative Physico-Chemical, Bacteriological and Metal Contents Studies on Harvested Rain Water and Non Harvested Ground Water; Published in RASAYAN, Indexed bySCOPUS, & ELSEVIER, in Dec. 2017
- 27 Studies on Grey Water Treatment, Published in International Journal Of Scientific Development Research, IF 5.47 April 2018
- 28 Determination Of Water Quality Index of Ahmednagar City, Published in International Journal Of Current And Advance Research, IF 5.995, May 2018.
- 29 Precision and Accuracy Data for Complex of EAB- CTAB – Transition Metal Ions, Published in IOSR- Journal Of Applied Chemistry in, IF 3.45,June 2018
- 30 Complexometric Studies On Binary Complex Of EAB – CTAB, Published in Asian Journal Of Science and Technology, Issue 06, IF 6.94June 2018
- 31 Complexation and Coordination Studies of Micelle Forming Sodium Lauryl Sulphate With Eriochrome Azurol B in International Journal Of Chem Tech Research, Vol. No. 11H Index – 32 DOI= <http://dx.doi.org/10.20902/IJCTR.2018.110822> June 2018. SCOPUS SCIMAGO RANKED JOURNAL.
- 32 Scientific Approaches Towards Stress Releasing Techniques and Meditation: A Review Study, Published in International Journal Of Current and Advanced Research , Vol. 7,Issue 06, IF 6.614, ISSN 2319 – 6475, July 2018
- 33 Studies on Precision And Accuracy In Microdetermination of Transition Metals Using Ternary Complex EAB-CTAB-Metals, Published in Oriental Journal Of Chemistry, Vol. 34,Issue 4, SCOPUS, ELSEVEIR Indexed, IF 0.61, ISSN 2231-5039, **H Index -15**, July2018.

- 34 Analytical Studies On Precision and Accuracy In Microdetermination Of Pb, Cr, Cd and Hg, With EAB-CTAB and EAB-TX Complexes, Published in RASAYAN Journal Of Chemistry, Indexed in ELSEVIER, SCOPUS, Issue 3, ISSN 0974- 1496, **H Index - 17** July 2018
- 35 Co-ordination and Analytical Studies Of Cu(II), and Ni(II) Using Pyrocatechol Violet and CTAB As Modified Reagents, Published in Journal Of Emerging Technologies and Innovative Research, July 2018. IF 5.78
- 36 Studies on Interaction of Dye-Surfactant Binary Complex PCV-CTAB, Published in IOSR-Journal Of Applied Chemistry, ISSN 2278- 5736, IF 3.45, Aug. 2018
- 37 Cardiological Advantages of Stress Releasing Tool : A Review Study on Sudarshan Kriya, Published in Journal Of Emerging Technologies and Innovative Research, IF 5.78, Vol. 5, Issue 10, Oct 2018
- 38 Demand Analysis For Metal Analysis Of Water Quality Index in Drinking Water Of Kada, Published in International Journal E- Research Journal, IF 6.261 March 2019
- 39 Microbial and Chemical Assessment Of Food Stuffs from Street Vendors in Ahmednagar City, Published in UGC Recognized International Journal Of Emerging Trends In Research, Vol. 6, Issue 4; ISSN 2349 – 5162, April 2019
- 40 Stability Indicating Method for Known and Unknown Impurities Profiling for Cholecalciferol Tablets Published in International Journal Of Life Science Pharma Research, ISSN 2250-0480, Vol. 11, Issue 4, July 2021 *ijlpr* 2021;
[doihttp://dx.doi.org/doi10.22376/ijpbs/1pr.2021.11,4.P7-18](http://dx.doi.org/doi10.22376/ijpbs/1pr.2021.11,4.P7-18)
- 41 Stability Indicating Method for Known and Unknown Impurities Profiling for Vildagliptin in Vildagliptin Tablet, Published in **BENTHAM SCIENCE** Current Pharmaceutical Analysis, 17, 1293-1302, 2021
- 42 A novel stability – indicating method for known and unknown impurities profiling for diltiazem hydrochloride pharmaceutical dosage form (tablets), Published in Future Journal Of Pharmaceutical Sciences, <https://doi.org/10.1186/s43094-021-00352-x>
- 43 Complexometric Studies of Interaction Of Eriochrome Cyanine R With Sodium Lauryl Sulphate; Published in International Peer Reviewed Journal Cosmos Multidisciplinary Research E – Journal, Feb. 2021, ISSN 2456 – 1665, Vol. VI, Issue II, IF 4.94.
- 44 Biochemical and Analytical Studies on Some Most Commonly Sold Foodstuffs in Sawedi Region; Published in STRAD Research Journal, April 2021 Vol. 8, Issue IV, ISSN 0039 – 2049. <https://doi.org/10.37896/sr8.4/025>.
- 45 Chemical and Analytical Studies on Some Popular Foodstuffs at Kada, Published in Journal Of Interdisciplinary Cycle Research, June 2021, Vol. VIII, Issue VI.
- 46 Complexometric Studies On Binary Complex Of Eriochrome Cyanine R With Surfactant CTAB, Journal Of Interdisciplinary Cycle Research, , Vol. XIII, Issue VI, June 2021
- 47 Trace Metal Analysis In Common Food Stuffs From Road Side Vendors, Published in GIS Science Journal, Vol. 8, Issue 07, July 2021
- 48 Demand Analysis and Metal Analysis For Assessment Of Water Quality Index in Drinking Water of Kada, Published in Cosmos Multidisciplinary Research E- Journal ISSN 2456 -1665, Impact Factor 4.94, vol. VI, Issue VII, July 2021

- 49 Study on Effects Of Dopamine, Serotonin, Oxytocin, Endorphin, Cortisol Hormones : A Review on Technique for Hormonal Balance; ISSN 0022-1945, Published in Journal Of Interdisciplinary Cycle Research, Vol. XIII Issue VII, July 2021.
- 50 Rational Drug Design Driven Synthesis and Biological Evaluation of some Methyl –2-(1H-benzo[d] imidazole-2-ylthio)- 1, 2, 3, 4- tetrahydro-6 methyl pyrimidine – 5- carboxylate derivative as potential DHFR inhibitors; JCDR, 2021, 6, 260 - 287
- 51 Complexometric Studies on Binary Complex of Pyrocatechol Violet and Triton X-100 for Microdetermination Of Metals Published in Journal Of Interdisciplinary Cycle Research, ISSN 0022-1945, Vol. XII Issue VIII August 2021
- 52 A Review on Technique for Proper Biochemistry of Body Metabolism Through Vagus Nerve, Published in GIS SCIENCE Journal, ISSN 1869-9391, Vol. 8, Issue 9, 2021
- 53 Degradation Kinetics Of Carvedilol Pharmaceutical Dosage Forms Through Stress Degradation Study Published in International Journal Of Current Pharmaceutical Research, Innovare Academic Sciences, ISSN : 0975-7066, Vol.14, Issue 1, Jan 2021
- 54 Design, Synthesis, and Biological Evaluation of some Methyl 2-(1H-pyrazol-4-ylthio)-1,2,3,4-tetrahydro-6-methylpyrimidine-5-carboxylate derivatives as potential DHFR inhibitors, IJHS, 2022, 6, (SI), 1018-1040.
- 55 Biological Evaluation of some methyl 2-[(4-acetylthiazol-2-yl)sulfanyl]-1,2,3,4- tetrahydro-6-methylpyrimidine-5-carboxylate derivatives as potential DHFR inhibitors to Overcome Antibiotic Resistance, Neuro Quantology, 2022, 20, 07, 1226-1245.
- 56 Analytical Method Development And Validation for Known and Unknown Impurities Profiling for Carvedilol Pharmaceutical Dosage Form, International Journal Of Pharmaceutical Research, Vol 13 Issue 6, Oct 2021

Conferences Attended:

01	Attended State Level Seminar on Applications Of Spectroscopy In Chemistry organized by Radhabai Kale Mahavidyalaya on 2nd and 3rd Feb 2012.
02	Attended State Level Seminar on Recent Trends Of Spectroscopy in Chemistry organized by Shri Dnyaneshwar Mahavidyalay, Newasa on 16th Jan 2015.
03	Attended State Level Seminar on Recent Trends In Synthetic Organic Chemistry organized by Radhabai Kale Mahavidyalaya, Ahmednagar on 28th -29th Jan 2010
04	Attended State Level Workshop on Review of Progress in Nanoscience organized by New Arts Commerce and Science College, Ahmednagar on 13-14th Feb. 2015
05	Attended One Day Orientation Workshop on Avishkaar, organized by Ahmednagar College, Ahmednagar on 4th Sept. 2014
06	Attended One Day Regional Level Workshop on 22nd Aug. 2012 at IMSCDR, Ahmednagar.
07	Attended Two Days State Level Seminar on Investment Opportunities In Indian Context at Ahmednagar College, Ahmednagar on 11 – 12th March 2013
08	Attended National Conference Organised by Radhabai Kale Mahila Mahavidyalaya, Ahmednagar on Status , Opportunities and Challenges in Life Sciences during 17th – 19th 2013.

09	Attended National Conference on Role Of Green Chemistry in Environmental Pollution organized by Anandrao Dhonde College Of Arts Commerce and Science during 21 and 22 Dec. 2012.
10	Attended National Conference on Green Approach in Applied Sciences organized by Dada Patil Mahavidyalay, Karjat during 14th – 15th March 2013
11	Attended National Conference on Applications Of Spectroscopic Methods In Chemical Sciences organized by New Arts Commerce and Science College Parner Ahmednagar during 12-13 Jan 2010.

12	Attended National Conference on Recent Challenges in Chemistry Organised by New Arts Commerce and Science College Ahmednagar during 2 nd – 4 th Feb 2007.
13	Attended State Level Seminar on Applications Of Spectroscopy Of Geometry of Organic Molecules organized by Maharaja Jivajirao Shinde Mahavidyalaya Srigonda during 1 st and 2 nd Feb 2008.
14	Attended National Conference on Role Of Naturopathy To Improve Physical and Mental Health organized by D. J. Malpani College of Arts Commerce and Science, Sangamner during 13 th -15 th Sept. 2012.
15	Attended National Conference on Advances In Material Chemistry organized by Department Of Chemistry Dr. Babasaheb Ambedkar Marathwada University, Aurangabad during 28 th -29 th Jan 2011.
16	Attended National Conference on Capacity Building of Women in Higher Education organized by Institute of Science, Aurangabad, during 1-5 Feb 2011.
17	Attended National Conference on Role Of Chemistry In Environmental Protection organized by Sangamner College, Sangamner during 27 th -29 Feb 2012.
18	Attended National Conference on Advances in Plant Biotechnology and Biodiversity for Rural Development organized by Gandhi College Kada 13 th Feb 2012.
19	Attended National Conference Redefining Role Of Chemistry in the Era Of Modern Science organized by K. S. K College of Arts, Commerce and Science, Beed during 27 th and 28 th Sept 2013
20	Attended National Conference on Innovative Techniques in Teaching, Learning And Evaluation organized by Ahmednagar College, Ahmednagar during 10, 11 Feb 2014.
21	Attended National Conference on Loksahitya Sanshodhanachya Navya Disha Organized by S .K. Gandhi College Of Arts Commerce and Science, Kada during 13 th Feb 2012
22	Attended National Conference on Natural Resources and Sustainable Agricultural Development Organised By Gandhi College, Kada during Feb 2012.
23	Attended National Conference on Advances in Synthetic and Applied Chemistry Organized by Sangamner College, Sangamner during 6-8 Sept 2012.
24	Attended National Conference on Recent Trends In Applied Chemistry organized by Analytical Chemistry Research Association, Aurangabad during 18 Jan 2015
25	Attended National Conference on Recent Developments in Chemical Sciences organized by Radhabai Kale Mahila Mahavidyalaya on 22-23 Dec. 2015.
26	Attended National Convention on 33 rd Marathwada Arthshastra Parishad on 5-6 th Feb 2016 organised by Gandhi College
27	Attended National Seminar organized by Rajkunwar Mahavidyalaya, Dhawada, Tal. Bhokardan, Dist. Jalna on 28 th Feb. 2016.

28	Attended National Seminar on Availability and Utilisation Of Cryptogamic And Phanerogamic Plants organized by Gandhi College Kada on 22 nd Nov. 2016.
29	Attended National Conference on Chemistry Research With Responsibilities Organised by Maulana Azad College, Aurangabad during 30-31 Jan.2017.
30	Attended One day Workshop on Drafting of Research Proposal organized by RUSA centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad and Ch. Shahu College Of Engg, Aurangabad on 7 March 2017.
31	Attended one day National Conference jointly organized by ACTRA, Aurangabad, Maulana Azad College, Aurangabad on 8 th Jan. 2017.
32	Attended National Seminar on Recent Trends in Green Chemistry organized by Jijamata College Of Science and Arts, Bhende, Newasa on 12-13 Jan. 2016.
33	Attended National Conference on New Emerging Trends in Environment to Control and Prevent Pollution organized by Pratishthan Mahavidyalaya, Paithan On 24 th /25 th March 2017.
34	Attended International Conference on Enhancing Commitment For Just, Inclusive and Sustainable Societies organized by CSRD, Ahmednagar and Babasaheb Ambedkar Chair and Studies Centre University Of Pune during 03- 05 Jan. 2013.
35	Attended International Conference on Global Opportunities for Latest Developments in Chemistry and Technology organized by School Of Chemical Sciences, North Maharashtra University, Jalgaon during 6-8 Feb 2014.
36	Attended International Conference, 3 rd Global Sustainable Biotech Congress organized by N M University Jalgaon, GBF Nagpur and CETYS University , Mexico during 1-5 th Dec.2014
37	Attended One Day National Workshop on Achieving Excellence Through Quality Assurance System, on 12 th January 2019 at Ahmednagar College, Ahmednagar
38	Attended One Day National Conference on Exploring Trends In Nanoscience at Anandrao Dhonde College, Kada on 17 th March 2019.
39	Attended two days National Conference on NAAC new scoring system, at Humbarde College, Ashti , Dist. Beed on 14 – 15 September 2019.
40	Attended National workshop on E- Content and its Development at S. K. Gandhi College, Kada Dist Beed on 21 – 22 September 2019.
41	Attended National Conference on Multidisciplinary Approach In Research In Chemistry, organized by ACTRA & Dr Rafiq Zakaria College for Women, Aurangabad, on Feb. 09.02.2020 CHAired SESSION
42	Attended National Seminar on Women Empowerment Through Entrepreneurship and Skill Development Sponsored by National Commission For Women , New Delhi organized by Arts, Commerce and Science College Ashti, on 3 & 4 Jan. 2020 as RESOURCE PERSON,
43	Attended National Conference on New Avenues of Research in Chemistry, Organised by Sir Sayyed College Of Arts Commerce and Science, Aurangabad, on 1/10/2019, CHAired SESSION.
44	Attended 10 WEBINARS at National Level and one International level organized and conducted by various colleges during lockdown period of April 2020- Nov. 2021.

Paper Presented in Seminar & Conferences:

1. Presented paper in National Seminar on Role Of Chemistry In Environmental Protection at Malpani College, Sangamner
2. Presented paper in National Conference on Applications Of Spectroscopic Methods In Chemical Sciences at New Arts Commerce and Science College, Parner
3. Presented paper in National Conference on Advances In Material Chemistry at Department Of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
4. Presented paper in National Conference on Green Approach in Applied Sciences at Dada Patil Mahavidyalay, Karjat
5. Presented paper in National Conference on Role Of Green Chemistry In Environmental Pollution At Anandrao Dhonde Arts, Comm.& Sci. College, Kada
6. Presented paper in National Conference on Redefining Role Of Chemistry in the Era of Modern Science at K.S.K College of Arts, Commerce and Science, Beed
7. Presented paper in National Conference on Status Opportunities And Challenges In Life Sciences Organised by Radhabai Kale Mahavidyalay, Ahmednagar
8. Presented paper in National Conference on Naturopathy To Improve Mental and Physical Health at Malpani College, Sangamner
9. Presented paper in National Conference on Recent Developments in Chemical Sciences at Radhabai Kale Mahavidyalaya Ahmednagar
10. Presented paper in National Conference On Recent Trends in Green Chemistry at Jijamata College Of Science and Arts, Newasa
11. Presented paper in National Conference on Emerging Trends In Environment To Control and Prevent Pollution Pratishthan Mahavidyalaya Paithan
12. Presented paper in National Conference at Rajkunwar Mahavidyalaya, Dhawada, Tal. Bhokardan Jalna
13. Presented paper in National Conference on Chemistry Research Convention of ACTRA, at Maulana Azad College, Aurangabad.

14. Presented Paper in International Conference on Enhancing Commitment For Just Inclusive and Sustainable Societies at Centre For Studies in Rural Development Institute For Social Work and Research, Ahmednagar
15. Presented Paper In International Conference on Global Opportunities for Latest Developments in Chemistry and Technology at Department Of Chemistry, North Maharashtra University, Jalgaon.
16. Presented Paper In International Convention of 3rd Global Sustainable Biotech Congress jointly organized by NMU, Jalgaon, Global Biotech Forum, Nagpur and Cetus University, Mexico.
17. Presented Paper in National Seminar National Conference on Multidisciplinary Approach In Research In Chemistry, organized by ACTRA & Dr Rafiq Zakaria College for Women, Aurangabad, on Feb. 09.02.2020

E-Content Developed

A. In 2019-20

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| 1. | https://youtu.be/jDwewTwkBig , | Topic- Introduction Of Thermodynamics 1 |
| 2. | https://youtu.be/N0hUu8NP-hk , | Topic Introduction Of Thermodynamics -2 |
| 3. | https://youtu.be/bVKU0DsllxQ | Topic: Sign Conventions of enthalpy , Heat Capacity, |
| 4. | https://youtu.be/w36kptT0BeE | Topic: Zeroth and First Law Of Thermodynamics, |
| 5. | https://youtu.be/cPzJqV6nftI | Topic : Concept Of Work |
| 6. | https://youtu.be/IN -GYcNzEM | |
| 7. | https://youtu.be/ygg24KqNjWA | |
| 8. | https://youtu.be/P9IZuY5T8o8 | |
| 9. | https://youtu.be/V03S6kucZE0 | |
| 10. | https://youtu.be/a2tEiFWxUfQ | |
| 11. | https://youtu.be/y_cbXxr94f8 | |
| 12. | https://youtu.be/ttFpBdRngds | |
| 13. | https://youtu.be/INIWKoAS9m0 | |
- Attended Large Number Of Online Meeting of Board Of Studies, Dr Babasaheb Ambedkar Marathwada University, Aurangabad On Curriculum Development on 24.08.2020

Worked As Referee/ Expert/ Co-Ordinator/ Committee Member

1. Worked as an Expert for ORAL Presentations in International Conference GOLD - CT Organized by SOCS, at North Maharashtra University, Jalgaon in Dec. 2014.
2. Worked as a Referee for assessment of Ph. D Thesis of student of RTM Nagpur University, in May 2018, and May 2023.
3. Worked as a Programme Officer of NSS in S. K. Gandhi College Kada, for the academic year 2019-20.
4. Working as a Co-Ordinator of Online Lectures in Science Stream, S. K. Gandhi College Kada, since Aug. 2020
5. Worked as a VICE- CHANCELLORS Nominee for CAS promotions.
6. Worked as a Chief Guest for Student Council Inauguration Function at PDVVP College of Engineering, Ahmednagar
7. Worked as a Chief Guest for Annual Function at Mount Sinai School, Ahmednagar
8. Worked as a Chief Guest for Yoga Day Celebrations in large number of schools and Colleges at Kada and Ahmednagar

Worked As A Resource Person

1. Delivered a lecture as a RESOURCE PERSON on Women Empowerment for Women Entrepreneurs I National Conference organized by Humburde College Ashti, on 18.01.2020
2. Delivered a lecture as a RESOURCE PERSON on YOGA at Orientation course organized by NSS-ETI, Ahmednagar College, Ahmednagar; on 13-16 Feb. 2020
3. Delivered Two lectures as a RESOURCE PERSON in 3rd Faculty Induction Programme on 30th Dec. 20, in morning session organized by UGC- Human Resource Development Centre, Dr Babasaheb Ambedkar Marathwada University, Aurangabad.
4. Delivered Two Lectures as a RESOURCE PERSON in Faculty Induction Programme both in afternoon session on 20 Aug 21 organized by UGC- Human Resource Development Centre, Dr Babasaheb Ambedkar Marathwada University, Aurangabad.

ORGANIZED EXTRA- CURRICULAR ACTIVITIES

- Organizing Secretary of One Day Regional Level Workshop for Post Graduate students on Recent Trends In Chemistry at S. K. Gandhi College, Kada conducted on 23rd Sept 2017.
- Organising Committee Member of 3rd Global Sustainable Biotech Congress, Organised by North Maharashtra University, Jalgaon.
- Organising Committee Member of 33rd Annual Convention Of Marathwada Arthshastra Parishad Organised by S.K Gandhi College, Kada.
- Organising Committee Member of National Conference in Marathi Organised by S. K. Gandhi College, Kada
- Organising Committee Member of National Geography Conference Organised by S. K. Gandhi College, Kada.
- Organising Committee member of Blood Donation Camp conducted at SAJVPM, Kada on 13.09.2018
- Worked as an expert for three valuation of Oral Presentations for GOLD-CT 2014, International Conference held at NMU, Jalgaon during 6-8 Feb 2014.

- Organised one day study tour of science students at Abhishek Enterprises, Supa, Ahmednagar on 30.09.2016.
- Organised and Conducted One Day Regional Level Workshop for students on Recent Developments in CHEMISTRY, on 23.09.2017
- Organised and Conducted Study Tour For M.Sc Chemistry Students on 6th Feb. 2018 at Regional Forensic Science Laboratory, Aurangabad.
- Organised and conducted Power Point Presentation Competition on the topic Reduce, Recycle and Reuse for Science students on the occasion of National Science Day on 26th Feb 2019 as a part of celebration.
- Organised One Day District Level Workshop for students on the topic Reduce, Recycle and Reuse on 27th Feb 2019.
- Organised and Conducted one Day Educational Tour Of M. Sc students to SHRIRAM ENTERPRISES, Pvt. Ltd, Ahmednagar, on 22.10.2019.
- Organised WELCOME FUNCTION for M.Sc I students 2019-20 batch on 26.10.2019, Dr Ashok Gandhi was the Chief Guest.
- Organised and conducted a social tour of PG Students to Snehalaya, A Home for homeless, visit to Snehankur an Orphanage, and Matoshree Vriddhashram, an Old Age Home, at Ahmednagar, on 22.10.2019
- Organizing Member (Co- Convener) of Legal Awareness Program on Domestic Violence and dowry Harassment sponsored by National Commission for Women, Govt. of India, New Delhi.
- Conducted Online Yoga Workshop for college students from 18 – 25th April 2020, on Zoom.
- Organised and Conducted National Webinar in Chemistry on topic **POST COVID CHALLENGES AND OPPORTUNITIES IN HIGHER STUDIES IN CHEMISTRY ON June 3, 2020, participated by 177 participants**
- Conducted 10 Online Breath And Mind Workshop during COVID lockdown period from 25 April – 30 October 2020, for welfare of stakeholders in society
- Organising Committee member of National Webinar organized by Vidyapeeth Vikas Manch, Dr Babasaheb Ambedkar Marathwada University, Aurangabad, On Higher Education In Maharashtra : Perspective and Challenges conducted on 28 June 2020
- Organised and Conducted Nav Chetna Shibir for WOMEN EMPOWERMENT, in NSS Camp at Watanwadi, Jan. 2020.
- Conducted Online Nav Chetna Shibir For WOMEN, On 26-28 September as Facebook Live Programme Organised by LAGAAN, an organization working for women empowerment.
- Organised and Conducted 5 Days National Level Workshop for students on “ Communication Skills, carrier Opportunities and Emotional Management” from 22 to 26 Feb 2021.
- Organized and conducted “Covid: An Open Challenge”, National Level Online open discussion with Dr Ishwar Kanse and Dr Dhananjay Ware on 2 July 2021.

ResearchGuide:

Recognized Ph. D. guide of the following Universities-

- I. Chemistry Board, Faculty of Science, R. S. T. M. Nagpur University, Nagpur., TWO Students are working for Ph. D under guidance.
- II. Chemistry Board, Faculty of Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- III. Guided number of students for their Projects in M.Sc. Chemistry.
- IV. Three students are working for Ph. D under guidance.
- V. Recognized Post Graduate Teacher of Dr. Babasaheb Ambedkar Marathwada University, Since 2013.
- VI. Working as a Member Of Post Graduate Board Of Studies in Chemistry at Dr. Babasaheb Ambedkar Marathwada University, Since Dec. 2017

Research Project:

- 1) Completed a Minor Research Project entitled, '**Implementation of Rain Water Harvesting System And Organic Composting through Vermicomposting, At Kada**', funded by V. V. K. I. Bangalore, costing of Rs 1,17,000/-
- 2) **Completed Research Project On Microbial and chemical analysis of some food stuffs from street vendors, funded by Dr Babasaheb Marathwada University, Aurangabad, on 13.12.2019**

MEMBERSHIP

1. Life Member of Analytical Chemistry Teacher Research Association, Aurangabad.
2. Life Member of Applied Research & Development Institute Journal, Ahmednagar.
3. OFFERED.... Quarterly Franklin Membership BY London Journal Press, London INSEPT 2019

BOOKS PUBLISHED

1. **Book On DYE- SURFACTANT AND HEAVY METAL ION INTERACTIONS :A Spectrophotometric Study;** is Published by LULU Publication, 3101 Hillsborough St, Raleigh, NC 27607; UNITED STATES, an International Publication, Feb. 2020

ACTIVITIES REGARDING SOCIAL RESPONSIBILITIES

- 1) Delivered lecture on Scientific Approach of Meditation and Health at Association Sadhana, 37 rue Francoisde Malherbes 72000,LeMans,FRANCEon 16thMay2016
- 2) Attended one week training programme in Advance Analytical Techniques at Anacon Laboratories; Nagpur from 12th to 18th Feb2016.
- 3) Delivered a lecture on YOGA IN DYNAMICS at Association Yog En Vie , POITIERS, FRANCE on 26th May 2016.
- 4) Delivered speech on Projects Run by IAHV and VVKI, Bangalore on FM 90.4 AhmednagarRadioon13thMay2013.
- 5) Delivered speech as a Chief Guest on Cultural Heritage of India at Shriram Library, Kada on occasion of Inaugration of lecture series of Shaardiya Vyakhyaanmala on 12. 10. 2015
- 6) Delivered speech as a Chief Guest on Tree Plantation and Its Effects on Global Warming at Bhagini Nivedita School, Kada on the occasion of Vanmahotsav 2016, on 1st July 2016.
- 7) Delivered a speech on Savitribai Phule as a Social Reformer of women education at Zilla Parishad Kanya Prashaala, Ashti, Dist. Beed on3rdJan.2014.
- 8) Delivered a lecture on Writing Skills on Project Report Writing for students in Students Counselling Camp organized by Aajivan Shikshan Vibhaag, Gandhi College Kada.
- 9) Delivered a lecture in Valedictory Function on Stress Management in Working Women in One day Workshop on Women Empowerment organized by S. K. Gandhi College Kada on 19.12.2013.
- 10) Member of IQAC Of Gandhi College, Kada since 2011.
- 11) Member of Women Cell , Research and Extension Activities cell, and Anti RaggingCommittee of S. K. Gandhi College, Kada since 2013.
- 12) Teacher of Happiness Programme, Youth Leadership Training Programme of International Center Of Art Of Living Foundation, Bangalore, since 2011 and conducted 14 camps of Happiness Programs since 2011 at different venues inAhmednagar, Wardha and Beed Districts since 2011.
- 13) Member of Women Cell, Research and Extension Activities cell, and Anti RaggingCommittee of S. K. Gandhi College, Kada since 2013.
- 14) Teacher of Happiness Programme, Youth Leadership Training Programme of International Center Of Art Of Living Foundation, Bangalore, since 2011 and conducted 14 camps of Happiness Programmes since 2011 at different venues in Ahmednagar, Wardha and Beed Districts since 2011.
- 15) Deleivered a lecture on Stress Management At Workplace,in Valedictory Function of the Workshop, organized by Shriram Co-operative Bank, Nagpur on 28th May 2017.
- 16) Delivered a lecture on Tanaav Mukta Mahila on 4th Feb 2019, at Bhagini Nivedita School, Kada.

- 17) Worked as a Committee Member Of **YUWASANSKAAR**, yearly magazine Published by NSS Dept. at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, for 2018-19.
- 18) Worked as a Organizing Committee Member Of YOUTH FESTIVAL 2018, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad worked from 26-29 Sep2018.
- 19) Organized and Conducted social visit of students of Gandhi College Kada to RALEGAN SIDDHI, Ahmednagar to meet and seek knowledge from well known Social Reformer Hon. Anna Hazare on 30.09.2016.
- 20) Organised and conducted a social tour of PG Students to Snehalaya, A Home for homeless, visit to Snehankur an Orphanage, and MatoshreeVruddhashram, an Old Age Home, at Ahmednagar, on 22.10.2019. Celebrated DIWALI at all these places with 35 PG Students and distributed snacks, sweets, new clothes, crackers, scents, essence, lamps and diyas all contributed by staff and students of the ChemistryDepartment.
- 21) Delivered a lecture as a RESOURCE PERSON on Women Empowerment for Women Entrepreneurs I National Conference organized by Humbarde College Ashti, on 18.01.2020
- 22) Conducted Online Nav Chetna Shibir For WOMEN, On 26-28 September as Facebook Live Programme Organized by LAGAAAN, an organization working for women empowerment

SOCIAL WORK CARRIED.

- Organised and conducted Swachhta Abhiyaan under the head Swachha Bharat Abhiyaanat Kada by Donating and constructing Vermicomposting Units to all schools at Kada, during whole one year 2015-16. Near about 2000 school children and their parents were given training for manufacturing Organic Compost and minimizing pollution by daily solid waste and garbage. During this project, Vermicomposting units and cages were supplied free of cost through my personal project. Organised and Conducted SWACHCHATA ABHIYAAN RALLY throughout Kada city, by performing Street Plays and rendering message of Cleanliness, through students and cleaning roads of Kada.
- Donated RAIN WATER HARVESTING SYTEMS at
 - POLICE CHOWKY, KADA,
 - BHAGINI NIVEDITA SCHOOL, KADA,
 - STATE BANK OF INDIA BUILDING, KADA,
 - R.D.PHARMACY COLLEGE, KADA,
 - ZILLA PARISHAD SCHOOL, KADA,
 for the purpose of water shed management. People are enjoying ample ofwater at these sites.
- Organised and conducted Bal Chetana Shibir for 700 school students of

- Motilal Kothari Vidyalaya, Kada once in a year for three consecutive years in 2012 to 2015, at free of cost. School students are also suffering from stress due to many reasons like increasing competitions, and changes in their surrounding environment.
- Written articles daily for one complete year during May 2014- May 2015 on provoking thoughts H. H. Sri Sri Ravi Shankar in daily newspaper Dainik Samachar without any monetary gains.
- During complete one year May 2015 to May 2016 conducted daily session of Shree ShreeVichaardhara of 10 minutes duration on RADIO NAGAR FM 90.4. Work done without any monetary gains.
- Organised and Conducted YOGA SESSIONS for four consecutive years since 2015- 2019, at Shri Amolak Jain Vidya Prasarak Mandal, Kada on International Yoga Day, 21st June.
- Conducted FREE YOGA SESSIONS at Mount Litera Zee School on 21.06.2017, at Samarth Vidya Mandir Prashaala on 21.06.2018, Markandeya Vidyalaya on 20.06.2018, all at Ahmednagar, and Lord Mahaveera School ,Kada on 21.06.2019. Through these activity near about 2000 students got knowledge of our ancient teachings of Yoga and Meditation.
- Conducted BETI BACHAO, BETI PADHAO ABHIYAAN, On 03.01.2014 to Save GIRL CHILD and Gave OATH through mission of UNESCO to about 500 girl students by at Zilla Parishad Kanya Prashaala, Ashti, and S. K. Gandhi College, Kada
- Organised and Conducted 5 DAYS NAV CHETANA SHIBIR totally free of cost for purpose of healthy life of Old aged people at MATRU SEWA SANGH VRUDHASHRAM, WARDHA.
- Organised and Conducted 5 DAYS NAV CHETANA SHIBIR free of cost at SHREE RAM MANDIR, KADA, for wellness of citizens. Through this, techniques of Meditation and Pranayaam are taught to near about 70 stakeholders.
- Organised and conducted one week Happiness Programme for stake holders on 4th Dec to 9th Dec. 2012 at Kada, without any kind of personal monetary gains. 33 people got benefited from the same.
- Organised and conducted one week Happiness Programme especially for Women Empowerment on 16th to 21st March 2015 at Kada, , without any kind of personal monetary gains, 42 women got benefited.
- Organised and conducted one week Happiness Programme for stake holders in society from 9th to 14th April 2016 at S.K. Gandhi College Kada
- Organised and conducted one week Happiness Programme for Staff of Shri Amolak Jain Vidya Prasarak Mandal Kada from 9th to 14th April 2017 at R. Dhariwal College of Pharmacy Kada.
- Organised and Conducted Happiness Programme for Officers of Vehicle Research And Development Establishment Department, Ahmednagar in duration from 27th November to 2nd December 2017.
- Till date, conducted and taught, Art Of Living foundations 13 Happiness Programmes of one week duration, through which I taught SUDARSHAN KRIYA AND YOGA without

any monetary gains. Sudarshan Kriya is a well known stress releasing technique based on normal breathing. Many of the diabetic ladies and gents, and also BP, and Depression patients, from Kada, Ahmednagar residents have got relief from diabetes and all stress related ailments with regular practicing SUDARSHAN KRIYA. Today these people are enjoying happy life.

- Organised SAMUHIK RUDRAPOOJA of Art Of Living Foundation, Bangalore, for the sake of betterment of citizens at Mahesh Mandir, Kada, in the month of August 2017 and 2018.
- Delivered a lecture on Scientific Approach of Meditation and Health at Association Sadhana, 37 rue Françoise Malherbes 72000, Le Mans, FRANCE on 16th May 2016.
- Delivered lecture on YOGA IN DYNAMICS at Association Yog En Vie, POITIERS, FRANCE on 26th May 2016.
- Conducted 12 Online Breath and Mind Workshops during COVID Lockdown period for welfare of society.
- Conducted online Yoga Workshop for College Youths from 18-25 April 2020.
- Organised and Conducted Navchetna Shibir for Women in NSS Camp organized by S K Gandhi College Kada
- Conducted Online Yoga Camp on International Yoga Day on 21.06. 2020, for S K Gandhi College, Kada
- Conducted Various Yoga Sessions on International Yoga Day in various schools and colleges during 2015-2019.
- Conducted Online Nav Chetna Shibir For WOMEN, On 26-28 September as Facebook Live Programme Organised by LAGAN, an organization working for women empowerment during COVID Pandemic Lockdown Period.

20. AWARDS CONFERRED :

1. EXCELLENCE IN REVIEWING AWARD IN RECOGNITION OF AN OUTSTANDING CONTRIBUTION TO THE QUALITY BY INTERNATIONAL JOURNAL GOLDEN RESEARCH THOUGHTS, FOR PUBLISHING RESEARCH PAPER, STUDIES IN COMPLEXATION BEHAVIOR OF HEAVY METAL IONS, IN NOVEMBER 2014..
2. HONOURED BY MAYORD, UN PETIT VILLAGE, LEMANS, FRANCE AS A BEST GROUP LEADER, FOR REPRESENTING INDIAN GROUP IN EDUCATIONAL AND CULTURAL GROUP EXCHANGE PROGRAMME, IN MAY 2016.
4. CONFERRED BY IDOL LADY AWARD- 2019; BY SAHYADRI NIDHI MULTISTATE LTD. AHMEDNAGAR; IN MAY 2019 FOR OUTSTANDING PERFORMANCE IN SOCIAL WORK..
5. CONFERRED BY INDIA INSPIRATIONAL WOMEN AWARD DECEMBER 2022
6. CONFERRED BY LATE. SUSHMATAI SWARAJ PURASKAAR.

