

CURRICULUM VITAE



Dr. Kirti Sadhuroo Niralwad

Head of Department
Department of Chemistry,
Nutan Mahavidyalaya, sailu. Dist-Parbhani.
E-mail: niralwadkirti@gmail.com

Biographical

Designation : Assistant Professor & Head
(Research Guide in Chemistry)

Caste (Category) : Koli Mahaved (S.T)

Birth date : 22nd Feb 1985.

Gender : Female.

Marital status : Married.

Nationality : Indian.

Languages Known : Marathi, Hindi & English

Date of Joining : 10/10/2011

Academic Qualification : M.Sc., Ph.D. (Organic Chemistry)

Experience details : **14** Years Teaching and
14 Years Research Experience

Awards : **04**

Patents : **01**

Book Published : **04** (International)

Research Publications : **36** (National & International Journals with
Impact factor

Editorship of Journals : **08**

Conference, Seminars : **33**

Presented/ Attended

Contact

Corresponding Address

Deptt. Of Chemistry
Nutan Mahavidyalaya, Sailu
Tq-Sailu
Dist-Parbhani, Maharashtra

Permanent Address

Dr. Kirti Sadhuroo Niralwad
Sector H-3 Flat-3 Kasliwal
Tarangan, Mitmita,
Aurangabad, Pin-431002
Maharashtra.

Educational Qualification

➤ Ph.D. (Organic Chemistry)

From Department. of Chemistry, Dr. Babasaheb Ambedkar
Marathwada University, Aurangabad.

Title of Research work **“NEWER TECHNIQUES FOR THE
SYNTHESIS OF SOME HETEROCYCLIC BIO-ACTIVE
COMPOUNDS”**.

➤ M. Sc. (Organic Chemistry)

From Department of Chemistry, Dr. Babasaheb Ambedkar
Marathwada University, Aurangabad (M. S.) India, 2007, First
division (65%).

➤ B. Sc. (Chemistry)

From Late Laxmibai Deshmukh Mahila Mahavidyalay Parli V. Dist.
Beed. Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad (M. S.) India, 2005, First division (75%).

Member of Journal

- Assoc. Editors-in-Chief of World Journal of Chemistry (IDOSI).
- Editorial board member of Asian journal of research in chemistry and pharmaceutical sciences.
- Editorial board member of International journal in Physical and Applied Sciences (IJPAS)
- Editorial board member of Indian Journal of Applied Research
- Editorial board member of International Journal of Scientific Research
- Editorial board member of Paripex - Indian Journal of Research
- Editorial board member of Global Journal for Research Analysis
- Editorial board member of International journal of latest Technology in engineering, Management & Applied Science (IJLTEMAS)

Synthetic Skills

- Experience in all aspects of techniques for separation and purification of the reaction products.
- Worked on Microwave induced organic synthesis and Ultrasonic wave induced organic synthesis.
- Expertise in handling of conventional as well as modern synthetic reagents and reactions.
- Expert hand for the synthesis of target heterocyclic molecules and non-heterocyclic molecules.
- Knowledge of IR, NMR and Mass spectral data interpretation for characterization of the organic compounds.
- Familiar with chemistry related software's like Chemdraw.

Research Experience

- Microwave induced Synthesis of newer derivatives of Coumarine.
- Knoevenagel condensation reactions facilitate by different catalysts.
- Newer derivatives of isoxazoles quinoline by the use of modern techniques.
- Different methodologies have been developed for the synthesis of various condensed heterocycles.
- Synthesis of amidoalkyl naphthols
- Synthesis of α -aminophosphonates
- Synthesis of 2,4,5-tri aryl imidazole.
- Biginelli reactions facilitate by different catalysts.
- Beckmann rearrangement.

Teaching Experience

1. Three year experience of conducting practical and project at M. Sc. (Organic Chemistry) in Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India.
2. Six year research experience in Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India.
3. Teaching experience of UG in Nutan Mahavidyalaya from 10/10/2011 to till date.

Pre-Doctoral Research

Project entitled "***Solvent-free synthesis of octahydroquinazolinone derivatives using ammonium metavanadate under microwave-irradiation***" at Dept. of Chemistry, Dr. B. A. M. University, Aurangabad Under the guidance of Prof. M. S. Shingare. (2007)

Scholarship

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad has awarded Rajiv Gandhi National Fellowship in Dec. 2007.

Book Published

- 1) “*Toxicity of TBTCL to freashwater prawn, macrobrachium Kistnensis*”
Lambert academic publication-ISBN 978-3-659-19938-7.
- 2) “*Diversity of Bird Fauna*” **Scholar’s press publication**-ISBN 978-3-639-66764-6. . (2014)
- 3) “*Heterocyclic Synthesis by Microwave Techniques*” **Scholar’s press publication**-ISBN 978-3-639-76180-1. (2015)
- 4) “*Eco-friendly Synthesis of Multi-Component Reactions*” **Scholar’s press publication ISBN:978-620-2-30572-3.** (2015)
- 5) **CHAPTER IN BOOK-**
Environmental Issues And Challenges By Dr. Ishwar Baburao Ghorude, Dr. Kirti Sadhuroo Nirald in *Sustainable Development for Society, Industrial Development, Material, Energy and Environment: Key Issues, Opportunities and Challenges Volume: II, 15 March 2022, ISBN: 978-81-953847-8-5*

Orientation/ Refresher/Short term Course

1. One Week Short-Term Course on “**Strategy of Governance and Excellence in Higher Education**” sponsored by U.G.C. Academic Staff College of Rani Durgavati Vishwavidyalaya, Jabalpur from **27-01-2014 to 01-02-2014**
2. Orientation Programme sponsored by U.G.C. Academic Staff College of Rani Durgavati Vishwavidyalaya, Jabalpur from **24-02-2014 to 22-03-2014**

3. Special summer school on “**Challenges and Prospects of Higher Education In India In The New Millennium**” sponsored by U.G.C. Academic Staff College of Rani Durgavati Vishwavidyalaya, Jabalpur from **06-07-15 to 25-07-15**.
4. Refresher course in Basic science on “**Current Scenario of Innovaton and Inventions in Science**” sponsored by U.G.C. Academic Staff College of Rani Durgavati Vishwavidyalaya, Jabalpur from **15-10-18 to 03-11-18**.
5. One Week Online Short Term Course on “**Challenges in Discovery of Antiviral Agents & Vaccines**” sponsored by U.G.C. HRDC of Jawaharlal Nehru Technological University Hyderabad from **08-06-20 to 13-06-20**.
6. Two Weeks Faculty Development Programme on "**Advanced Concepts For Developing Moocs**" sponcered by Teaching learning centre Ramanujan College, Delhi, PMMMMNMTT from **July 02 - July 17, 2020**.
7. Online Winter school in Chemistry sponsored by U.G.C. HRDC, Gujarat University, Ahmadabad from **19-10-20 to 01-11-20**
8. Special Summer School sponsored by U.G.C. HRDC of Mizoram University from **20-07-21 to 02-08-21**.
9. One Week Online Short Term Course on “**Gender Sensitization**” sponsored by U.G.C. Academic Staff College of Rani Durgavati Vishwavidyalaya, Jabalpur from **20-12-21 to 25-12-21**.
10. One Week Online Short Term Course on “**Research & Publication Ethics**” sponsored by U.G.C. HRDC of Mizoram University from **01-10-21 to 07-10-21**.

Awards:

Sr. No.	Name of Fellowship/ Award	Date of Award	International/ National/ State	Awarding Agency
1	Bharatratna Dr. A.P.J. Abdul Kalam International Honour Award	2021 05th Sep. 2021	International	Universal Research Ground.
2	Bharatratna Dr. A.P.J. Abdul Kalam International Honour Award	2022 11th Sep. 2022	International	Universal Research Ground.
3	Best Researcher International Award	5 th Sep. 2022	International	Research Education Solutions & International School of Technology and Sciences,
4	Young Scientist International Award	on 7 th & 8 th Jan. 2023	International	Research Education Solutions & SIDVI Foundation, Noida.

Patents:

1. Metal Dipping Nano-Membrane water Purification Device. Design no. 382091-001. Date of Issue: 23/05/2023.

Research Publications

1. An Efficient and Green Synthesis of Tetrahydrobenzo[*b*]pyran Derivatives catalysed by Sodium Hypochlorite by Grinding, *Bulletin of the Catalysis Society of India*, ISSN-2347-5382, **2009**, 8, 188-192.
2. Solvent-free sonochemical preparation of α -aminophosphonates catalyzed by 1-hexanesulphonic acid sodium salt *Ultrasonics Sonochemistry*, ISSN- 1350-4177, **2010**, 17, 760–763 [**Impact Factor-4.321**].
3. Microwave-assisted one-pot synthesis of octahydroquinazolinone derivatives using ammonium metavanadate under solvent-free condition *Tetrahedron Letters*, ISSN- 0040-4039, **2010**, 51, 3616-3618 [**Impact Factor-2.379**].
4. Solid-Phase Synthesis of 2-Arylbenzothiazole Using Silica Sulfuric Acid under Microwave Irradiation *Bull. Korean Chem. Soc.* ISSN- **2010**, 31, 981 [**Impact Factor-0.80**].
5. Ultrasound-assisted one-pot synthesis of octahydroquinazolinone derivatives catalyzed by acidic ionic liquid [tbmim]Cl₂/AlCl₃ *Journal of the Chinese Chemical Society* ISSN- 2192-6549, **2010**, 57, 89-92 [**Impact Factor- 0.856**].
6. AlCl₃-ZnCl₂/SiO₂ As An Efficient Catalyst For The Synthesis Of 1,8-Dioxo-Octahydroxanthene Under Solvent-Free Condition, *Organic chemistry an Indian journal*, ISSN- 0974-7516, **2010**, 6, 128-131.
7. Ammonium metavanadate as an efficient catalyst for the synthesis of 2,4,5-triaryl-1H-imidazoles *Journal of Heterocyclic Chemistry*. ISSN- 0022-152X, (**2011**, 48, 742.) [**Impact Factor-0.787**].
8. Microwave-assisted Beckmann Rearrangement of Ketoximes using Stannous(II) Chloride in Ionic liquid as an efficient catalyst *Letters in organic chemistry* ISSN-1570-1786,(**2011**, 8, 274-277) [**Impact Factor-8.455**].

9. 1-Hexanesulphonic acid sodium salt promoted the one-pot synthesis of amidoalkyl naphthols under microwave irradiation *Chinese Chemical Letters* ISSN-1001-8417, (2011, 22, 551-554) [**Impact Factor-1.587**].
10. Microwave-induced one-pot synthesis of coumarins using potassium dihydrogen phosphate as a catalyst under solvent-free condition *Journal of Korean Chemical Society* ISSN-1017-2548, (2011, 55, 486-489)
11. An expeditious room temperature stirring method for the synthesis of isoxazolo [5,4-*b*]quinoline *Journal of Korean Chem. Soc.* ISSN-1017-2548, 2011, 55, 805-807.
12. Cellulose sulphuric acid as a biodegradable and reusable catalyst for the Knoevenagel condensation *Cent. Eur. J. Chem.* ISSN-DOI-11532-009-0111-2, 2010, 8, 12-18. [**Impact Factor-1.33**].
13. A Novel Method for Beckmann Rearrangement catalyzed by Potassium dihydrogen phosphate under Microwave-irradiation. *Indian journal of applied research* ISSN-2249-555X, 2013, 3, 47-[**Impact Factor-3.6241**]
14. "Drinking water analysis from different stations at sailu dist Parbhani" is published for proceedings in the National conference on "Recent Trends and Future Prospects in Biological Sciences **ISBN-978-93-83411-03-0, page No-53-57.**
15. Studies on some physic-chemical parameters of water from different places at sailu, dist-Parbhani. is published for proceedings in the National conference on "Water conservation and its management" organized by K.K.M. College Manwath dist-Parbhani **ISBN-978-81-925649-0-6, Page no.50-51.**
16. Ultrasound-promoted synthesis of α -hydroxyphosphonates catalyzed by 1-Hexanesulphonic acid sodium salts in aqueous medium *Indian*

journal of applied research , ISSN-2249-555X, **2014**, 4, 12-14 [**Impact Factor-3.6241**]

17. Synthesis of 2,4,5-Triaryl-1H-imidazoles using silica sulfuric acid is an inexpensive, efficient and mild catalyst under microwave irradiation *International journal scientific research* ISSN-2277-8179, **2014**, 3, 58-60 [**Impact Factor-3.2416**]
18. Synthesis of Dihydroquinoline Derivatives using biodegradable cellulose sulfuric acid as a solid acid catalyst. – European Academic Research. Niralwad K.S. and Ghorade. I. B. Vol.2 (3) **2014**. Pp 4113-4119. (ISSN-(E) **2286-4822**). (Impact Factor-**3.4546**).
19. Synthesis of biologically active isoxazolo [5, 4-b] quinolines at room temperature *International Journal of Research in Pharmaceutical and Nano Sciences*. ISSN-2319-9563, 3(1), **2014**, 73 - 79. [**Impact Factor-0.879**]
20. Natural acid catalyzed synthesis of octahydroquinazolinone derivatives: a green approach *World Journal of Pharmacy and Pharmaceutical Sciences* Manuscript No: Vol. 4 (12) 2015. Pp 704-710 (ISSN (E) (2278-4357) (Impact Factor- 6.041).
21. Synthesis of 2-aryl-1-aryl methyl-1H-benzimidazoles using chlorosulphonic acid at room temperature Nana V. Shitole, Kirti S. Niralwad, Bapurao B. Shingate, Murlidhar S. Shingare *Arabian Journal of Chemistry* ISSN-1878-5352, (2016) 9, S858–S860 [**Impact Factor-3.725**]
22. Presented research paper entitled “**One Pot Synthesis of Amidoalkyl Naphthol using Lemon Juice catalyst under Microwave Irradiation**” in International conference on *Recent Trends in Chemical & Environmental Sciences* at S.N. Arts, D.J. Malpani Commerce & B.N. Sarda Science College, Sangamner. Dist-Ahmednagar (M.S.) on dated **12th and 13th Feb 2016**.

23. Synthesis And Biological Activity of Some Novel Schiff Bases of Halogen Substituted Salicylaldehyde, **World Journal of Pharmacy and Pharmaceutical Sciences**, Khushal G. Karamunge and Dr. Kirti S. Niralwad (ISSN (E) (2278-4357), Volume 6, Issue 02, **736-745, 2017. [Impact Factor 6.647]**
24. Synthesis of isoxazolo [5,4-*b*] quinolines by cyclization of oximes of quinoline under Microwave -irradiation by Dr. Kirti S. Niralwad, Dr. Ishwar B. Ghorade, Prasad R. Pande in Current Global Reviewer **International Innovative Journal** (UGC approved Sr. No.-64310, ISSN 2319-8648) Dec 2017. **[Impact Factor 2.143]**
25. Role of Environmental Education for sustainability in Higher Education. **Chronicle of Humanities and cultural Studies (CHCS)** Ghorade I.B. and Niralwad K.S. Vol. 4 (02) 2018. Pp 63-65 (ISSN 2454-5503) UGC approved Journal no. 637. (Impact Factor 4.197).
26. An Efficient One-Pot Multi-Component Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones (DHPMs) Catalyzed By Ionic Liquids **Journal of Emerging Technologies and Innovatoive Research** by Dr. Kirti S. Niralwad, Dr. Ishwar B. Ghorade, Volume 7, Issue 03, **201-203, 2020 (ISSN-2349-5162)** [Impact Factor 5.87]
27. Microwave Assisted Green Synthesis of 1,8-Dioxo-Octahydroxanthenes Using Lemon Juice by Dr. Kirti S. Niralwad, Dr. Ishwar B. Ghorade, **Our Heritage** Volume-68, Special Issue-38, 803-806, **2020** ISSN: 0474-9030) [Impact Factor 6.8]
28. Water Resource Management for sustainable development by Dr. Ishwar B. Ghorade & Dr. Kirti S. Niralwad, in **Natural Resources & Sustainable Development** ISSN 2349-638x Pg. No. 320-322, Impact Factor 7.149 29th July 2021.
29. Emerging Issues of Environmental Concern by Dr. Ishwar B. Ghorade & Dr. Kirti S. Niralwad, **Journal of Research & Development' A Multidisciplinary International Level Referred and Peer Reviewed**

Journal, ISSN: 2230-9578, 20 July-2021, Volume-11, Issue-25, pg. no. 44-47, Impact Factor-7.265.

30. Microwave-Assisted One-Pot Synthesis Of Octahydroquinazolinone Derivatives Using Rice Husk Under Solvent Free Condition by Dr. Kirti S. Niralwad & Dr. Ishwar B. Ghorade, **International Conference on Contents, Computing & Communication (ICCC-2022) 26th and 27th February,2022**
31. Environmental Issues And Challenges by . Ishwar B. Ghorade & Dr. Kirti S. Niralwad, –**Sustainable Development for Society, Industrial Development, Material, Energy and Environment: Key Issues, Opportunities and Challenges** Volume: II, 15 March 2022, ISBN: 978-81-953847-8-5.
32. Mechanochemical Synthesis Of 2-Arylbenzothiazole Using Cellulose Sulfuric Acid As A Biodegradable and Reusable Catalyst by Dr. Kirti S. Niralwad, IJFANS International Journal of Food and Nutritional Sciences Vol.11, Iss.11, Nov. 2022, pg-741-745, ISSN 2320 -7876, Impact Factor-7.832.
33. Rice Husk Is An Inexpensive, Efficient And Mild Catalyst For The Synthesis Of Biologically Active 2,4,5-Triaryl-1*h*-Imidazoles by Dr. Kirti S. Niralwad, IJFANS International Journal of Food and Nutritional Sciences Vol.11, Iss.11, Nov. 2022, pg-746-751, ISSN 2320 -7876, Impact Factor-7.832.
34. Silica Supported Perchloric Acid (HClO₄-SiO₂) As Ecofriendly Reusable Catalysts For Green Synthesis Of Tetrahydrobenzo[B]Pyran Derivatives By Grinding Method by Dr. Kirti S. Niralwad, IJFANS International Journal of Food and Nutritional Sciences Vol.11, Iss.12, Dec. 2022, pg-3348-3353, ISSN 2320 -7876, Impact Factor-7.832.
35. Ganesh B. Akat, Balwan U Patil, Ishwar B Ghorude & Kirti S. Niralwad (2022): Review on Molecular Docking computational methods for the molecular dynamics and simulations research.

International Journal of Scientific Research in Science and Technology, 12 October 2022. Volume 9. Issue 15. (ISSN: 2395-6011) pp- 200-208.

Conference attended /paper /Poster presented/Seminars

1. **“International conference on Advances in Drug Discovery Research”** on 24-26th Feb. **2007** at Rama International Hotel, Dept. of Chemistry, Dr. Babasaheb Ambedkar Marathwada University Aurangabad-431003.
2. **“SET Work Shop”** on 26–28th Oct. **2007** at Dept. of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad–431 004.
3. *National seminar on “Biocatalysis and Biomimetic Catalysis in Organic Synthesis”* on 20-21th March **2009** at Dept. of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad–431 004.
4. One day Seminar on **“New Aspects in Green Chemistry”** on 17th Feb. **2010** at Shri Dnyaneshwar Mahavidyalaya, Newasa, Dist- Ahmednagar.
5. *Science academic lecture workshop on “Probing Electronic States in Molecules and Molecular Materials”* on Oct. 21-25th **2010** at Dept. of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad–431 004.
6. UGC sponsored National conference on **“Advanced tools in chemical analysis”** on 26th -27th Aug **2011** at Deogiri college, Aurangabad.
7. National conference on **“Current trends in chemical research”** on 30th-31st Aug **2012** at Vasanttrao Naik Mahavidyalaya, Aurangabad.

8. UGC & SRTM University Nanded sponsored two days National conference on **“Recent trends and future prospects in biological sciences”** on 18th -19th Jan 2013 at Maharashtra Udyagieri Mahavidalaya Udgir.
9. Workshop on **“Revised curriculum and its scope: Chemistry and allied subjects”** sponsored by Swami Ramanand Teerth Marathwada University Nanded, organized by N.E.S. Science college Nanded on **8th Aug 2013**
10. Attended UGC sponsored National Seminar on **Role of Chemistry in Eco-friendly organic synthesis** organized by S. B. E. S. college of science Aurangabad on **19 & 20 Sept 2013**
11. Guided B.Sc. Students in **One day district level research festival Avishkar** organized by Late sow. Kamaltai Jamkar Mahila Mahavidyalaya Parbhani in collaboration with SRTMU Nanded on **18 oct 2013.**
12. Participated in the training programme on **“Anti-plagiarism software (iThenticate turnitine)”** organized by S.R.T.M.U.Nanded on **22 July 2014.**
13. Participated in the **“Refresher course 2014-15”** organized by Late Saw. Kamaltai Jamkar Mahila Mahavidyalaya, Parbhani from **18 June to 25 June 2014 .**
14. Participated in university level workshop on **“SRTMUN Exam problems & Remedies”** held on **30 September 2015** at Netaji Subhashchandra Bose College Nanded.
15. Presented research paper entitled **“One Pot Synthesis of Amidoalkyl Naphthol using Lemon Juice catalyst under Microwave Irradiation”** in International conference on *Recent Trends in Chemical & Environmental Sciences* at S.N. Arts, D.J. Malpani Commerce & B.N. Sarda Science College, Sangamner. Dist-Ahmednagar (M.S.) on dated **12th and 13th Feb 2016.**

16. Participated in national seminar on **“Newest development in Chemical Sciences for civilized society”** organized by DSM Arts, Science & Commerce college, Parbhani. On **9-10 Dec 2016**.
17. Presented a paper in one day National conference on **“Advances in chemical, physical, Agriculture and life sciences for rural Empowerment.”** At Vaidyanath college, Parli Vaidyanath on **23 Feb 2017**
18. Participated in National seminar on **“Recent advances in natural sciences and social sciences”** organized by department of Botany, Dr. BAMU Aurangabad on **24-25 Dec 2017**.
19. Participated in National level seminar on **“Innovative Trends in Chemical sciences”** organized by S. B. E. S. college of science Aurangabad on 14th Feb 2018.
20. Presented a paper entitled “Role of environmental Education on sustainability in Higher Education “in One day Interdisciplinary International conference on **“Recent advances in Languages, Literature and Social Sciences”** organized by Maulana Abdul Kalam Azad Research Center Aurangabad on **17 Feb 2018**.
21. Attended a seminar on **“The training on use of ICT in Office/Library/Teaching Learning Process.”** Organized by Nutan Mahavidyalaya Selu in collaboration with KITS Inspiring Engineering on 20 Feb 2018.
22. Presented a paper entitled **“An environmentally benign synthesis of quinazoline derivatives catalysed by silica sulphamic acid under microwave irradiation”** in One day Interdisciplinary International conference on “Environmental Changes, Biodiversity And Sustainable Resource Management” organized by Santosh Bhimrao Patil Arts, Commerce And Science College, Mandrup on 10th September 2020.
23. Presented a paper entitled **“Green Chemistry: A Framework for a Sustainable Development”** in One day Interdisciplinary

- International conference on “Recent Trends and Issues in Social Science & Science Towards Sustainable Development” organized by SantRamdas Arts, Commerce and Science College, Ghansawangi Dist. Jalna (MS), India on 10th October 2020.
24. Presented a paper entitled “**Role of Green chemistry in sustainable development**” in One day Interdisciplinary International conference on “Multidisciplinary Perspectives on Health, Society, Environment & Sustainable Development” organized by DPM's Shree Mallikarjun & Shri. Chetan Manju Desai College Canacona-Goa on 20th December 2020.
 25. Presented a paper entitled “**Green and Sustainable Chemistry**” in One day Interdisciplinary International conference on “Physical and Human Dimensions of Environment, Climate Change, and Sustainable Development” organized by Sharadchandra Mahavidyalaya, Shiradhon on 25th February 2021.
 26. Presented a paper entitled “**Applications Of Green Chemistry In Sustainable Development**” in One day Interdisciplinary International conference on “Sustainable Innovative Development in languages, Social Sciences, sciences, Agriculture, Management and overall Development” organized by Deshbhakta Sambhajirao Garad College, Mohol on 27th March 2021.
 27. Presented a paper entitled “**Microwave assisted synthesis of pyrrolidinone derivatives using Lemon Juice as a catalyst**” in One day Interdisciplinary International conference on “Trends, Challenges and Issues in the Science, Social Science and Languages for Social Welfare” organized by Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli on 17th May 2021.
 28. Presented a paper entitled “**Sustainable development and green chemistry in chemistry education**” in One day Interdisciplinary International conference on “Sustainable Development Goals:

- Initiatives, Execution and Challenges” organized by Gramin (ACS) Mahavidyalaya Vasantnagar Kotgyal on 10th June 2021.
29. Presented a paper entitled “**Rice Husk catalysed synthesis of 1,8-dioxo-octahydroxanthene Solvent-free condition: Green approach**” in One day Interdisciplinary International conference on “Natural Resources and Sustainable Development” organized by RajarshiShahu Arts and Commerce College, Rukadi, Rotary Club of Ichalkaranji Central and Jyotikiran Publication, Pune on 29th July, 2021.
 30. Presented a paper entitled “**An environmentally benign, simple and proficient synthesis of β -aminoesters using Lemon Juice as a green and readily available catalyst**” in One day Interdisciplinary International conference on “Impact of Environment on Agriculture, Health, Water Resources, Social Life & Industrial Development” organized by Maharashtra Mahavidyalaya, Nilanga, Maharashtra College of Pharmacy, Nilanga, and, Azad Mahavidyalaya, Ausa on 20th July , 2021.
 31. Presented a paper entitled “**Green Chemistry for Sustainable Development**” In One day Interdisciplinary International conference on “Impact of Globalization on Sustainable Development” organized by SahakarMaharshiShankarraoMohite-Patil Mahavidyalaya, Natepute, Internal Quality Assurance Cell (IQAC) and Punyashlok Ahilyadevi Holkar Solapur University, Solapur on 13th September 2021.
 32. Presented a paper entitled “**Green chemistry: a tool for the sustainable development of the chemical Science**” in One day Interdisciplinary International conference on “Sustainable Development and Environmental Issues” organized by .Sahakarbhushan S. K. Patil College, Kurundwad on 4th October 2021

33. Presented a paper entitled “**Fruit juices act as biocatalysts in the efficient synthesis of potentially bioactive imidazoles**” in One day Interdisciplinary International conference on “Recent Advances In Humanities, Commerce And Science(RAHCS-2022)”organized by Internal Quality Assurance Cell – IQAC, Arts, Science & Commerce College, Kolhar on 10th February 2022.

Place: Selu

Date: 19/06/2023

[Dr. Kirti S. Niralwad]