

CURRICULUM VITAE



Personal Profile

Name : Chandrashekhar Arunrao Ladole
Date of Birth : 03/12/1987
Present Position : Assistant Professor, Department of Chemistry, Shri Shivaji Arts,
Commerce and Science College, Akot Dist. Akola (M.S.) India- 444 101
Date of Joining : 20/09/2019
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Educational

Qualification : **B. Sc.** (Ist Div.), Sant Gadge Baba Amravati University, Amravati, **2009**
: **M. Sc.** Chemistry (6th Merit), Sant Gadge Baba Amravati University,
Amravati, **2011**
: **B. Ed** (IInd Div.), Kavikulaguru Kalidas Sanskrit University Ramtek,
District: Nagpur, **2014**
: **Ph. D.**, Sant Gadge Baba Amravati University, Amravati, **2017**

Teaching : 07 years

Experience PG : 07 years
UG : 01 year

Area of Research : i. Catalysis
ii. Solid State Chemistry

Languages Known : English, Hindi and Marathi

Computer

Proficiency : MS-CIT, MS office

Research

Publications : (National/International Level) : **10**

Conferences/Workshops/

Symposium Attended: (National/International Level) : **16**

Research Activities : Awarded by **Ph. D. degree in 2017** on the topic entitled “Synthesis and characterization of nanosized transition metal ferrites and their applications in organic reactions”.

: Received **First prize** in best paper award at National Conference on topic entitled “Nickel ferrite used as an efficient and inexpensive catalyst for the one pot synthesis of 3,4-Dihydropyrimidine-2(1*H*)-ones and thiones”, 50th Annual Convention of Chemists, Chandigarh, 04-07 December, 2013.

: Received **Second prize** in the National Conference on topic entitled “An efficient and simple approach for the synthesis of pyranopyrazoles using Lanthanum ferrite as heterogeneous recoverable catalyst under microwave irradiation”, Recent Trends in Chemical Science was organized by Shri. Shivaji Arts, Commerce & Science College, Akola, 26-27 February, 2018.

List of Research Publications:

1. **C. A. Ladole**, “Preparation and characterization of spinel Zinc ferrite ZnFe_2O_4 ”, Int. J. Chem. Sci.: 10(3), 2012, 1230-1234.
2. **C. A. Ladole**, A. S. Aswar, A. Ghosh, A. Pasko, S. N. Kane, M. Satalkar, R. Prasad, R. Diwedi, , G. N. P. Oliveira, A. Apolinário, C. T. Sousa, J. P. Araujo and F. Mazaleyrat, “Influence of Mn addition on magnetic and structural properties of barium Hexaferrite”, AIP Conf. Proc., 2013, 1536, 961-962.
3. **C. A. Ladole**, N. G. Salunkhe, R. S. Bhaskar and A. S. Aswar, “A microwave-assisted synthesis of 3,4-dihydropyrimidin-2(1*H*)-one/thione derivatives using nanocrystalline MgFe_2O_4 as catalyst”, European Journal of Chemistry., 2014, 5 (1), 122-126.
4. **C. A. Ladole**, N. G. Salunkhe, N. V. Thakare and A. S. Aswar, “Green synthesis of quinoline-4-carboxylic acid derivatives using silica sulphuric acid as an efficient catalyst”, J. Indian Chem. Soc., 2015, 92, 1-4.
5. **C. A. Ladole**, D. S. Choudhary, A. S. Aswar, “Interaction of 5-Chloro-2-hydroxy-3-nitroacetophenone in N,N Dimethylformamide at Various Temperatures: A Viscometric, Volumetric and Ultrasonic Study”, Proceedings of the National Academy of Sciences, India Section A: Physical Sciences., 2015, 85(2), 221-226.
6. **C. A. Ladole**, N. G. Salunkhe and A. S. Aswar, “A microwave assisted synthesis of 3,4-dihydropyrimidin-2(1*H*)-ones and thiones using NiFe_2O_4 ferrite as an effective and reusable catalyst”, J. Indian Chem. Soc., 2016, 93, 1-8.

7. **C. A. Ladole**, N. G. Salunkhe, N. V. Thakare and A. S. Aswar, "Green synthesis of 2,4,5-trisubstituted imidazole derivatives using silica tungstic acid as an efficient catalyst", Res. J. Chem. Sci. 2016, 6(11), 36-39.
8. **C. A. Ladole**, N. G. Salunkhe, N. V. Thakare and A. S. Aswar, "MgFe₂O₄@SiO₂-SO₃H: an efficient, reusable catalyst for the microwave-assisted synthesis of benzoxazinone and benzthioxazinone via multicomponent reaction under solvent free condition", Res. Chem. Intermed., DOI 10.1007/s11164-017-3108-z. 2017, 1-18.
9. **C. A. Ladole** and A. S. Aswar, "Preparation and characterization of doped Sr₂Co_{0.8}Fe₁₂O₁₉ hexaferrite: An efficient heterogeneous catalyst for one pot synthesis of 1,4-dihydropyridine derivatives", J. Indian Chem. Soc., 2018, 95, 1525-1530.
10. **C. A. Ladole**, N. G. Salunkhe, K. K. Rawlani and A. S. Aswar, "A rapid and eco-friendly synthesis of novel 2-thioxoquinazolinones using silica tungstic acid (STA) as a new and recyclable catalyst", Ajanta-ISSN 2277-5730, 2019, 8(1), 65-72.

Research Papers Presented in Conferences / Workshops / Symposium Attended:

1. **C. A. Ladole**, N. G. Salunkhe & A. S. Aswar, "Biginelli one-pot multicomponent synthesis using ZnFe₂O₄ as a catalyst and solvent free condition under microwave irradiation", 49th Annual Convention of Chemists, Bhopal, 12-15 December, 2012.
2. **C. A. Ladole**, N. G. Salunkhe & A. S. Aswar, "Synthesis, characterization of spinel magnesium ferrite MgFe₂O₄ and its application as a catalyst", National Conference of Advanced Functional Materials, Nagpur, 21-23 January 2013.
3. **C. A. Ladole**, N. G. Salunkhe & A. S. Aswar, "Magnesium ferrite used as efficient catalyst for the one-pot synthesis of 3,4-dihydropyrimidine-2(1*H*)-ones and thiones", Research Aptitude in Sciences: A thought, Nanded, 31 march, 2013.
4. **C. A. Ladole**, N. G. Salunkhe & A. S. Aswar, "Nickel ferrite used as an efficient and inexpensive catalyst for the one pot synthesis of 3,4-Dihydropyrimidine-2(1*H*)-ones and thiones", 50th Annual Convention of Chemists, Chandigarh, 04-07 December, 2013.
5. **C. A. Ladole**, N. G. Salunkhe & A. S. Aswar, "Green synthesis of quinoline-4-carboxylic acid derivatives using silica sulfuric acid as an efficient catalyst", 51st Annual Convention of Chemists, Kurukshetra, 08-12 December, 2014.
6. **C. A. Ladole**, N. G. Salunkhe & A. S. Aswar, "Nono nickel ferrite as reusable catalyst for synthesis of 3,4-Dihydropyrimidine-2(1*H*)-ones and thiones via condensation reaction under solvent free conditions", 102nd Indian science Congress, Mumbai, 03-07 January, 2015.

7. **C. A. Ladole**, N. G. Salunkhe & A. S. Aswar, "A microwave assisted synthesis of 1,4-dihydropyridine derivatives using cobalt ferrite as catalyst", National Conference on Sustainable Chemistry: Frontiers and Challenges, Amravati, 30-31 January, 2015.
8. **C. A. Ladole**, N. G. Salunkhe & A. S. Aswar, "Green Synthesis of quinoline-4-carboxylic acid derivatives using silica sulfuric acid as catalyst", National Conference on Chemical Sciences: Emerging Scenario & Challenges, Amravati, 29-30 January, 2016
9. **C. A. Ladole**, N. G. Salunkhe, R. S. Bhaskar and A. S. Aswar, "An efficient and simple approach for the synthesis of pyranopyrazoles using Lanthanum ferrite as heterogeneous recoverable catalyst under microwave irradiation", National Conference on Recent Advances in Chemical Sciences, Akola, 26-27 February, 2018.
10. **C. A. Ladole**, N. G. Salunkhe and Anand S. Aswar, "Green synthesis of quinolone-4-carboxylic acid derivatives using tungstate sulphuric acid as an efficient catalyst", International conference on Recent Trends in Science and Technology, Karanja (Lad), 22-23 March, 2018
11. **C. A. Ladole**, Workshop on Coalescence of Chemical Sciences to Confront the Challenges of Sustainability, Amravati, 19-20 September, 2014.
12. **C. A. Ladole**, Workshop on Research Methodology, Amravati, 19 March, 2015.
13. **C. A. Ladole**, Workshop on Exploring Developments in Chemical Sciences, Amravati, 19-21 February, 2016.
14. **C. A. Ladole**, National Workshop on Scientific/Research Paper Writing, Amravati, 04-05 March, 2016.
15. **C. A. Ladole**, National Workshop on Advances in Chemical Sciences, Amravati, 10th March, 2018.
16. **C. A. Ladole**, National Symposium on Innovative Materials & Devices, 24-25 June, 2019.