

Curriculum vitae

Dr. Satish Shamrao Kola

Assistant Professor (Organic Chemistry)

M.G Arts, Science and late N.P Commerce College

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Academic Background: - MSc. Dept. of chemistry R.T.M .U Nagpur (2013).

Qualified SET in Chemistry.

Qualified GATE in Chemistry.

Ph. D awarded from Gondwana University Gadchiroli.

B. Ed. From Gondwana University Gadchiroli.

Current Position: Assistant Professor of chemistry at M.G Arts, Science Late N.P

Commerce College Armori

Previous Position: Research scholar of Chemistry at Govt. Science College Gadchiroli.

Teaching experience: More than 6 years (Graduate and post Graduate Level)

Courses taught for M. Sc. (Chemistry)

- Reaction mechanism of organic synthesis
- Pericyclic reactions
- Organic photochemistry
- Name reactions and Rearrangement
- Oxidation , Reduction and Retro-synthesis
- Aromatic electrophilic and Nucleophilic substitution
- NMR, Mass, UV spectroscopy
- Organometallic and coordination chemistry

Areas of Research interest:

- Heterocyclic chemistry Organic Synthesis
- Medicinal chemistry
- Green chemistry
- Phytochemical analysis of medicinal plants

Research Profile: Number of research publications: 12

Number of research publications in review and accepted: 03

Number of seminars, symposia, workshops attended: 10

Number of M.Sc students Completed project under Guidance: 25

Recent international Research publications:

1. Synthesis of Novel Series of Quinolino[3,2-f][1,2,4]triazolo[3,4-b][1,3,4]-thiadiazepines Derivatives Incorporated with 3-(5-(benzofuran-2-yl)-1-phenyl-1H-pyrazol-3-yl) Moiety as Potent Antimicrobial Agent.
Satish S. Kola, Mohammad Idrees, Naqui J. Siddiqui, [Asian Journal of Chemistry](#), 30(9), 2018, 2129-2133.
2. Synthesis and In-Vitro Antimicrobial Evaluation of Some 1, 3, 4-Oxadiazoles Incorporated with 5-(5-(5-(benzofuran-2-yl)-1-phenyl-1H-pyrazol-3-yl)-1,3, 4-oxadiazol-2-ylthio)methyl Moiety.
Satish S. Kola, Mohammad Idrees, Naqui J. Siddiqui, [Asian Journal of Research in Chemistry and Pharmaceutical Sciences](#), 6(1), 2018, 33-44.
3. An Efficient Synthesis of novel Bioactive Azetidinone derivatives including 5-(benzofuran-2-yl) and 1-phenyl-1H-pyrazol-3-carboxamide moiety.
Satish S. Kola, Mohammad Idrees, Naqui J. Siddiqui, [International Journal of Pharmaceutical Sciences and Research](#) 10(3), 2019, 1000-10.
4. Ultrasound promoted one pot Synthesis of 1, 5-Benzothiazepines using Polyethylene Glycol (PEG-400).
Satish S. Kola, Mohammad Idrees, Chandrashekar Devkate, Digambar D. Gaikwad, [International Research Journal of Pharmacy](#), 9(11), 2018, 182-185.
5. Synthesis and Antimicrobial Screening of Some New 5-Oxo-imidazoline Derivatives Containing Benzofuran, Pyrazole, and Quinoline Entities.
Satish Kola, M. Idrees, Naqui J. Siddiqui [Indian Journal of Heterocyclic Chemistry](#), 29 (4), (2019), 1-9.
6. An Efficient Synthesis of 2,4,5-triaryl-1H-imidazole using SnO₂/SiO₂ Nano Composite Catalyst.
Satish S. Kola, Mohammad Idrees, Chandrashekar Devkate, Digambar D. Gaikwad, [International Research Journal of Pharmacy](#), 9(10) 2018, 157-160.

7. Synthesis, characterization and antimicrobial Screening of some novel 5-(benzofuran-2-yl)-n'-(2-Substituted-4-oxothiazolidin-3-yl)-1-phenyl-1hpyrazole-3-carboxamide Derivatives.
S. Kola, M. Idrees, and N. J. Siddiqui , [Rasayan Journal of Chemistry](#),12(4), 2019, 1725 - 1733.
8. Facile Synthesis Characterization and Antimicrobial Activities, of Novel 6-Amino Triazolo-Thiadiazoles Integrated with Benzofuran and Pyrazole Moieties.
S. Kola, M. Idrees, and N. J. Siddiqui, [oriental journal of chemistry](#), 35, 2019, 1-9.
9. Synthesis, characterization and in-vitro antimicrobial screening of some novel series of 2-azetidinone derivatives integrated with 2-(p-tolyloxy) quinoline-3-carbaldehyde moiety.
S. Kola, M. Idrees, N.J. Siddiqui, Y.G Bodkhe. [Asian Journal of Chemistry](#), 32 (4), 896-900.
10. Potent Antibacterial Profile of 5-Oxo-Imidazolines in the New Millennium
Satish Kola, Roshan D. Nasare, Mohammad Idrees, Rajendra Dongre. [Book Chapter Heterocycles-Synthesis and Biological Activities](#)
11. Synthesis and Characterization of Novel 1,3,5-Thiadiazine Derivatives Integrated with Quinoline Moiety as Potent Antimicrobial Agents.
Satish Kola, Yogita G. Bodkhe, M. Idrees, Naqui J. Siddiqui. [Asian Journal of Organic & Medicinal Chemistry](#). 5 (2), 149-155.
12. Synthesis of few 1,3,4-oxadiazole derivatives blended with different heterocycles and their in-vitro antibacterial activities.
S. Kola, M. Idrees, and N. J. Siddiqui Y.G. Bodkhe, [Rasayan Journal of Chemistry](#), 13 (1), 291-297.