



Dr Priyadarshani Deshmukh

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Address: Nagpur ,Maharashtra,India - 440010

Expertise

Organic Chemistry

Nanotechnology, Heterocyclic Chemistry

Work experience

1. Shivaji Science College, Nagpur 2019 — Present

Assistant Professor
Nagpur

Education

1. Ph.D - 2008

Sant Gadge Baba Amravati University

Honours and Awards

1. Young Scientist Award - 2023

Society for Technologically Advanced Materials For India

Membership In Professional Bodies

1. Indian Women Scientist Association,
Member
2. Indian Science Congress Association,
Member

Membership In Committees

Patent

1. Micro - Biological Thin Film Adsorbent For Metals Separation
Inventor(s): Dr. Sarang Dhote, Assignee: Dr. Sarang Dhote
Published: 2023-12-15

Publication

1. Synthesis benzoyl derivatives and biological activity of some novel 1, 2, 4, 5-tetrazines.
P. N. Deshmukh
Afr. J. Biomed. Res., Volume 27, Year 2024, Pages 5891-5896
2. Phytochemical Composition and Allelopathic Potential of Cucurbita pepo var. ovifera Against Phaseolus vulgaris: Implications for Sustainable Agriculture
Priyadarshani N Deshmukh
R E S E A R C H N E B U L A, Volume , Year 2024, Pages 470-473
3. Green Route: Synthesis, Microbiological Activity of Ca-nanoparticles
P. N. Deshmukh
Materials for Energy Storage and Environmental Sustainability., Volume , Year 2024, Pages 107-113

4. **Novel 1,2,3,5,6 -Thiatetraazepines: Synthesis, Antibacterial, Antifungal and Their Isomerisation into 1,2,3,5,6- Pentaazepines.**

Priyadarshani N Deshmukh

Application of Education in Startup, Volume 2, Year 2024, Pages 414-421

5. **Comparative Study of Bismuth Silicate and Aminoplast Polymer as Adsorbents in Thin-layer Chromatography for Heavy Metal Identification using Computational Chromatography**

Priyadarshani N Deshmukh

J. Electrical Systems, Volume 1-12, Year 2024, Pages 738-743

6. **Green route: Nanoparticles Synthesis, Characterization, a Sustainable Future**

P. N. Deshmukh

J. Electrical Systems, Volume 1-12, Year 2024, Pages 845-854

7. **New chromogenic spray reagent for detection and identification of Iprobenfos (kitazin) organo phosphorus fungicide from biological samples**

P. N. Deshmukh

International Journal of Emerging Technologies and Innovative Research (www.jetir.org),

ISSN:2349-5162, Vol.10, Issue 12, page no.f309-f315, , Volume , Year 2023, Pages f309-f315

8. **National Press Associates, New Delhi**

P. N. Deshmukh

Current Advances in Multidisciplinary research (Editor), Volume , Year 2023, Pages

9. **Eco-friendly green synthesis of iron-nanoparticles. (Book Chapter)**

P. N. Deshmukh

Eco-friendly green synthesis of iron-nanoparticles. (Book Chapter), Volume , Year 2023, Pages

10. **Environmental Impact of Novel Schiff Base**

P. N. Deshmukh

Environmental and Sustainable Development., Volume , Year 2022, Pages

11. **Synthesis of 1,3,4- thiadiazole and its isomerisation by neoteric route and antimicrobial activity Year- 2020**

P. N. Deshmukh, Y.K. Meshram, J. K.Gunjate, P. S. Utale

VidyabhartiInt.Inter.Res.Jour.Sp.Issue, Volume (Special Issue June 2020), Year 2020, Pages 746-749

12. **Synthesis and antimicrobial activity of 2-Alkyl/aryl-5-(pyrid-4-yl)-1,3,4-oxadiazole**

P. N. Deshmukh Ingole

Asian Journal of Chemistry, Volume 19/7, Year 2007, Pages 2683-2686

13. **Synthesis and Characterization of Schiff Bases Using Different Amines and their Biological Activities**

Priyadarshani N Deshmukh

UGC Sponsored National Conference on Recent Advancements in Science and Technology, Volume 1, Pages 165-167

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