



Dr. NEETA KAPSE

Ph. D. in Organic Chemistry
M.Sc. in Organic Chemistry

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Designation: Assistant Professor, in Department of Applied Science and Humanities.

Experience: Educational 18 Years

Areas of Interest: Engineering Chemistry – I & II, Organic Chemistry.

Publications

Journals:

- Review on Vibration Frequency Developed by OM Chanting and Its Effects on Thyroid”, International Journal of Scientific Engineering and Applied Science (IJSEAS) May 2017, IJSEAS 201705107, Vol-03, Issue-05.
- Waste Sunflower Oil as an alternative fuel for diesel engine “International Conference on Nascent Technologies in Engg., ICNTE-2015 , Fr. CRIT, ATEC, Vashi (9-10th January 2015) Published in IEEE, 978-1-4799-7261-6, DOI:10.1109/INCTE.2015.7029919.
- “An Eco-friendly and Reusable Heat Source for Self-heating Food Packaging” International Journal of Engineering Research and Technology. ISSN (Online) 2278 – 0181 (2015).

- “Estimation of Performance and Emission Parameters of Waste Transformer Oil and its Blends in a Diesel Engine”, International Conference on Environmental Energy-(ICEE-2014), Jawaharlal Nehru Technical University Hyderabad,(JNTU,Hyderabad), ISBN:978-93-81212-96-7, Page.No.206, 15-17th Dec-2014.
- “Automized Themocatalytic Degradation of Waste Polythene to Novel Product” at National Women’s Conference on Exploring Potentialities of Women in Engg. Charotar Institute of Technology, Changa, Gujarat, 3-4th July 2009.
- “Microwave Assisted Synthesis, Characterisation and Antimicrobial activity of some new 3,5-diarylisoxazolines.(Abstract)” in Proceedings of the 46th Annual Convention of Chemists and International Conference on Recent Trends in Chemical Sciences, Indian Chemical Society, Kolkata. Estd: 1924, 2-6th December 2009.
- “Synthesis and Study of Antimicrobial activity of some new 3-(Hydroxy-5-methylphenyl)-4-benzoyl-5-phenylpyrazole” in Oriental Journal of Chemistry ISSN:0970-020X, volume 24(2)-2008, Page No.717-720.
- “Studies on Synthesis and Antimicrobial activity of some new 3-(2-Hydroxyphenyl)-4-benzoyl-5-phenylisoxazolines” in Oriental Journal of Chemistry ISSN:0970-020X, volume 25(2)-2009, Page No.409-412.
- “Novel, Synthesis, Characterization and Antimicrobial activity of some new 3, 5-diarylpyrazolines” in Oriental Journal of Chemistry ISSN:0970-020X, volume 25(4)-2009, Page No.106-106.

Conferences:

- Workshop on “Credit and Grading System” at Sardar Patel Institute of Technology, Andheri (W), Mumbai, on 26th July 2012.
- National Women’s Conference on Exploring Potentialities of Women in Engg. Charotar Institute of Technology, Changa, Gujarat, 3-4th July 2009.
- Syllabus revision meeting at Ramrao Adik Institute of Technology, Navi Mumbai for subject Applied Chemistry I & II on July 2008.

NPTEL online course Certified:

- “Brief Introduction to Pyschology” conducted for 4 weeks by IIT,Kanpur, Feb- March,2018
- “Pericyclic Reactions and Organic Photochemistry” conducted for 8 weeks by IIT,Madras, Aug-Oct,2017