

# Lists of Publications

## Department of Chemistry

### Dr. M. G. Dhonde

- HPLC purification technique: synthesis of unsymmetrical thiobarbituric acids, Vinod D. Deotale, Manish M. Katiya, **Madhukar G. Dhonde**, Heliyon, (2019), 5, 01-08.
- Synthesis of amino and thiol functionalized reduced graphene oxide composites, H. P. Manwatkar, C. S. Bhaskar, **M. G. Dhonde**, S. R. Thakare, Int. J. Curr. Eng. Sci. Res. (2019), 6,1, 338-44.
- Synthesis of thiazol, thiazinan, thiadiazin, thiazolidin, triazine, thioxo-pyrimidin and thioxo-imidazolidine by inter-intra molecular cyclization, Mangesh N. Zade, Manish M. Katiya, Vinod D. Deotale, Madhuri M. Sontakke, **Madhukar G. Dhonde**, Baliram N. Berad, Ind. J. Chem. 57B, (2018), 1493-1500.
- C-S and C-N coupling reactions of barbituric acid via selective and complete bromination using greener KBr/H<sub>2</sub>O<sub>2</sub> as a brominating agent Mangesh N. Zade, Manish M. Katiya, Madhuri M. Sontakke, **Madhukar G. Dhonde**, Baliram N. Berad, Vijay J. Thakare and Chandrakant S. Bhaskar, J. Indian Chem. Soc., 95, (2018), 1-6.
- Solvent-free Synthesis of Thiobarbituric Acids Using Amberlyst-15 as a Green Catalyst, Manish M. Katiya, **Madhukar G. Dhonde**, Jayant M. Gajbhiye, Current Green Chem., 4, (2017), 50-56.
- Catalyst and solvent free one-pot microwave synthesis of fused pyrimidine diones and triones, Madhuri M Sontakke, **Madhukar G Dhonde**, Chandrakant S Bhaskar and Baliram N Berad, Indian Journal of Chemistry Section-B, 55B, (2016), 629-636.
- Amberlyst-15 as a highly efficient and reusable catalyst for direct C-S bond formation: synthesis of barbituryl carbamodithioates, Madhuri M. Sontakke, Chandrakant S. Bhaskar, Baliram N. Berad, **Madhukar G. Dhonde**, Letter in Organic Chemistry, 12(2), (2015), 115-121.
- Carbohydrazides as Precursors for the Synthesis of Heterocycles having Pyrazole Benzofuran Moiety and their Biological Evaluation Naqui-Jahan Siddiqui, Mohammad Idrees, N. T. Khaty, **M. G. Dhonde**, Am. J. Pharm Tech Res., 5(1), (2015), 290-300.
- Synthesis of novel bridgehead heterocycles via cyclization of 4-amino-1,2,4-triazole 3(4H)-thiones and their antimicrobial screening, Naqui Jahan Siddiqui, Mohammad Idrees, Niraj T. Khati, **Madhukar G. Dhonde**, Der Chemica Sinica, 6(11), (2015), 49-54.
- Visible Light induced Photoreductive Dehalogenation Using Carbon Doped ZnS Nanocrystallite Aul V. Wankhade, **M. G. Dhonde**, N. T. Khati, Sanjay R. Thakare and G. S. Gaikwad, Chemical Science Transaction, 3(1), (Jan 2014),332-340.
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- H<sub>2</sub>O-Mediated an Efficient Tandem Synthesis of Barbituryl Thiocarbamides using Amberlyst-15 as a Heterogeneous Solid catalyst, Atul A. Jichkar, Madhuri M. Sontakke, **Madhukar G.**

- Dhonde**, Chandrakant S. Bhaskar, Baliram N. Berad, Am. J. PharmTech Res., 4(1), (2014), 698-709.
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- An Efficient, green synthesis of sulfonamidino-thiocarbamide in absence of catalyst and their biological studies, Vivek R. Tembhare, Chandrakant S. Bhaskar, **Madhukar G. Dhonde**, Baliram N. Berad, Am. J. PharmTech Res., 4(2), (2014), 434-446.
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- Synthesis and antimicrobial activities of some new pyrazoles, oxadiazoles and isoxazole bearing benzofuran moiety, Naqui-Jahan Siddiqui, Mohammad Idrees, Niraj T. Khati and **Madhukar G. Dhonde**, South African Journal of Chemistry, 66, (2013), 248-253.
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## **Department of Electronics**

### **Dr. N. D. Meshram**

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## Department of Geology

### Dr. S. P. Joshi

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### Dr. M. B. Bhagat

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### Dr. U. R. Sonparote

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## **Dr. P. U. Gajbe**

### **Research Papers**

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