

## ||| List of Publications |||

- [1] **M. S. Gopal**, I. Anitha, Aqueous phase microwave synthesis of some bisindolizines, *International Journal of Chemical Studies*, **2**, 35 (2014).
- [2] **M. S. Gopal**, I. Anitha, Microwave synthesis and characterisation of some cycl[3. 2. 2]azine derivatives, *International Journal of Science and Research (IJSR)*, *www.ijsr.net*, **5**, 60 (2016).
- [3] I. Anitha, **M. S. Gopal**, D. Thomas, A new fluorescent sensor based on bisindolizine derivative, *Journal of Fluorescence*, **26**, 725 (2016).
- [4] **M. S. Gopal**, I. Anitha, Green synthesis of imidazo[1,2-a]pyridines in aqueous medium, *IOSR Journal of Applied Chemistry (IOSR-JAC)*, *www.iosrjournals.org*, **9**, 1 (2016).
- [5] **M. S. Gopal**, I. Anitha, S. Jesny, S. Menon, Development of a 2-methoxyphenyl-4,5-dicarbomethoxy-cycl[3.2.2]azine fluorescence sensor for  $\text{Co}^{2+}$ , *Journal of Luminescence*, **179**, 361 (2016).

### Conferences attended

- [1] Synthesis and fluorescence studies of some bisindolizines, 23<sup>rd</sup> *Swadeshi science congress*, M. G. University, Kottayam, November 2013.
- [2] Antibacterial studies of some bisindolizines, *Amritha pharmaceutical conference*, Amrita Vishwa Vidyapeetham University, Kochi, August 2014.
- [3] Fluorescence studies of some bisindolizines, 24<sup>th</sup> *Swadeshi science congress*, Malayalam University, Malappuram, November 2014.
- [4] A new  $\text{Co}^{2+}$  ion sensor for a cyclazine derivative, 25<sup>th</sup> *Swadeshi science congress*, Sree Sankara University, Kalady, December 2015.
- [5] Development of a new  $\text{Fe}^{3+}$  ion sensor based on bisindolizine derivative, *International conference on materials for the millennium*, CUSAT, Kochi, January 2016.

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