

**Name: Dr. Archana Dhumure**

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**Education: PhD**

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**Ph.D. thesis title:** “Click chemistry approach towards synthesis of triazole containing disaccharides, glycopolymers and their applications”

**Duration of research work:** April 2013- November 2018

**Publications earned during your tenure:**

- 1) **Archana B. Dhumure**<sup>a</sup>, Ajay B. Patil<sup>a</sup>, Anuja S. Kulkarni<sup>a</sup>, Irina Voevodina<sup>b</sup>, Mariastella Scandola<sup>b</sup>, Vaishali S. Shinde<sup>a\*</sup> Thermoresponsive copolymers with pendant D-galactosyl 1,2,3-triazole groups: Synthesis, characterization and thermal behaviour, *New Journal of Chemistry*, **2015**, 39, 10, 8179 (**IF=3.2**)
- 2) Anuja S. Kulkarni<sup>a</sup>, Vaishali P Dhanwe<sup>b</sup>, **Archana B. Dhumure**<sup>a</sup>, Ayesha Khan<sup>a</sup>, Vaishali S. Shinde<sup>a\*</sup>, Pawan Kumar Khanna<sup>b\*</sup>, In situ formation of silver nanoparticles in thermoresponsive glycogels and evaluation of its antibacterial activity, *Indian journal of chemistry* vol.55A, April 2016, pp 441-446. (**IF=0.5**)

**Current Position:** Assistant Professor at Fergusson College, Pune