

 <p>BLDEA'S Shri Sanganabasava Mahaswamiji College of Pharmacy & Research Centre Vijayapur 586103</p>	DEPT: PHARMACEUTICAL CHEMISTRY	SOP NO.: BCP/PC/SOP/002
	INSTRUMENT: PLATE/MAGNETIC STIRRER	PAGE NO.: 01
	MAKE: Remi Elektrotechnik- LTD MODEL: 1-MLH PROCURED ON: 13-07-2019	EFFECTIVE DATE: 01/01/2022
	SUBJECT: SOP FOR MAGNETIC STIRRER	REVIEW PERIOD: 31/12/2022

Objective:

The following document describes the standard operating procedure for Magnetic Stirrer.

Scope:

Magnetic stirrer is used to ensure uniform stirring of the reaction mixture with the help of magnetic bead.

Procedure:

1. Keep the reaction vessel with reactants on the plate of the magnetic stirrer.
2. Drop in the magnetic bead of appropriate size.
3. Plug in to ensure the power supply.
4. Switch **ON** the main power supply and instrument mains.
5. Adjust the speed/ RPM of the stirring with the help of knob.
6. After using, switch **OFF** the instrument mains & main power supply.

Precaution:

- **DO NOT** set the RPM too high so as to prevent spillage of the contents from the reaction vessel.

	PREPARED BY	CHECKED BY	APPROVED BY
NAME and DESIGNATION	Ms.Hasti.Kenia Assistant professor	Dr. S.M.Metri Associate Professor	Dr.B.Shivakumar Professor & Head
SIGNATURE & DATE			