

<p><b>Preincubation Unit:</b> Synthetic Chemistry Lab</p>	<p><b>In-Charge:</b> Dr. Gurubasavaraja Swamy PM</p>
<p><b>Equipment's available</b></p>	<p><b>Uses/Experiments conducted</b></p>
<ol style="list-style-type: none"> <li>1. Flash Chromatography</li> <li>2. Rotary flash evaporator</li> <li>3. Fuming hood</li> <li>4. UV &amp; fluorescence chamber</li> <li>5. Drug Discovery Studio</li> <li>6. Column Chromatography</li> <li>7. Magnetic stirrers</li> </ol>	<ol style="list-style-type: none"> <li>1. A purification technique that is designed for rapid separation by using air pressure as opposed to slow and inefficient gravity-fed chromatography.</li> <li>2. Efficient and gentle removal of solvents from samples by evaporation.</li> <li>3. To prevent the release of hazardous substances into the general laboratory space by controlling and then exhausting hazardous and/or odorous chemicals.</li> <li>4. Software suite for analyzing and modelling molecular structures, sequences, and other data of relevance to life science researchers.</li> <li>5. Non-destructive visualization method for TLC plates.</li> <li>6. A precursory technique used in the purification of compounds based on their hydrophobicity or polarity.</li> <li>7. Equipment which is mainly used for stirring or heating stirring in low-viscosity liquid or solid-liquid mixing. It consists of a rotating magnet or a stationary electromagnet that creates a rotating magnetic field. This device is used to make a stir bar, immerse in a liquid, quickly spin, or stirring or mixing a solution</li> </ol>

