**Practical-1**

**Aim:-** To write two chemical equation on chemsketch.

**Procedure :-**

1. Opened ChemSketch software.
2. Selected the structure drawing tools.
3. Created the molecular structures of reactants.
4. Used arrows to depict electron movement and reaction progression.
5. Arranged the steps sequentially to show the full mechanism.
6. Saved and exported the diagram for documentation.

**Mechanism:-**

1. Benzoin condensation Mechanism



1. Aldol condensation Mechanism



**Practical-2**

**Aim:-** To write two chemical equation on chemdraw.

**Procedure:-**

1. Open ChemDraw and create a new document.
2. Draw reactants using the Structure Drawing Tool.
3. Add bonds, charges, and lone pairs as needed.
4. Use arrows to show enolate formation, nucleophilic attack, proton transfer, and dehydration.
5. Label key components (reactants, products, conditions).
6. Optimize structure (Ctrl + Shift + K).
7. Save & export as PNG/JPEG/PDF for the practical file

**Mechanism:-**

1. Aldol condensation Mechanism



1. Benzoin condensation Mechanism

