

BASICS IN R&D CHEMISTRY (07 days)

- ❖ Introduction of chemical labs & instruments
- ❖ Safety aspects of personal & chemistry lab
- ❖ Handling & cleaning of glassware
- ❖ Basic calculations & preparation of solutions and reagents
- ❖ Distillation of solvents
- ❖ Hands-on training on chemical instruments
- ❖ Reaction setup for organic synthesis (single project)
- ❖ Monitoring of reactions by Thin layer chromatography (TLC)
- ❖ Workup of desired product
- ❖ Purification of compound by column chromatography
- ❖ Concentration and recrystilization of final compound
- ❖ Analysis of compounds & Report writing
- ❖ Interpretation of results
- ❖ Storage of products
- ❖ COA of final products

