

Course Title : Chemical engineering Lab (II)

- **Aim:**

Improving Laboratory skill, Communication, and teamwork skill in students by measuring Experimental Parameters and Analyzing Data Related to Second Year Courses in the Undergraduate Chemical Engineering Program including phase equilibrium thermodynamic and mass transfer

- **Syllabus:**

- ✓ Axial and radial thermal conductivity
- ✓ Thermal convection
- ✓ Thermal radiation
- ✓ Heat Exchangers
- ✓ Heat transfer in stirred tanks
- ✓ Measurement of molecular diffusion coefficient in gases and liquids

- **Reading Resources**