

## **Best Practice of the Department of Chemistry**

### **Best Practice No. 5**

#### **Title of the Practice: Organization of various Skill Orientated Programmes**

**Goal:** To develop various practical skill among the students and motivated them for research

#### **The Context:**

Teaching practical laboratory skill is key components of preparing undergraduates students for future careers in chemistry and elsewhere. Skill based practical helps students in understanding theory. During a chemistry degree students are expected to master a variety if laboratory techniques and skills.

#### **The Practice:**

- **Department of chemistry developed a approach of linking theory and practical , which has a big impact on developing students and understanding the concepts of chemistry.**
- **Department has organized Online chemistry Practical workshop during the pandemic condition of covid-19 for the B.Sc, first year students**
- **Department also organized online spectroscopic technique workshop for the students.**

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#### **Evidences of Success:**

- Many students developed interest in chemistry practical.
- This workshop promotes safe laboratory working practices.
- It provides an experimental foundation for theoretical concepts and phenomenon.
- It promotes aspects of scientific thinking.

#### **Resource Required:**

Well-equipped laboratory with internet facility is required.

#### **Problem Encountered:**

1. A major challenge for any practical course is ensuring skills retention. Students must be able to recall and execute practical task they have had previous experience ain performing.

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