

## REPORT

### Workshop on

**“Ethnobotanical aspects, Phytochemical analysis & therapeutic uses of Medicinal plants”**

DATE: **December 20, 2024**

VENUE: Senior Chemistry lab, XII-A

TIMINGS: 08:30am to 3:30pm

RESOURCE PERSONS: **Dr. Suresh Kumar, Dr. Vandana**

ACCOMPANYING RESEARCH SCHOLARS: **Ms. Harsha Singh, Mr. Sachin Mahawar**

CLASSES: XI-B, XII-B,C

ORGANISED BY: **Ms. Pooja Seth, Ms. Tanya Dawar, Ms. Chahat Mehra**

The workshop was attended by **25 students** from classes **XI-B, XII-B and XII-C**. The workshop was divided into **3 sessions**. The first session was conducted by **Dr. Suresh Kumar** who is a celebrated expert in ethnobotany and medicinal botany and holder of the **SARC Gold Medal and the Lifetime Achievement Award** in XII-A where he introduced the **terms and concepts associated with ethnobotany** through a powerpoint presentation and explained the **importance of medicinal plants** in our lives along with **procedures of extraction of various medicinal components** from them.

The second session preceded by a break was held in **Sr. Chemistry Lab** where students performed **hands-on experiments for extraction of various components from Neem Powder** while understanding the **use of various apparatus and equipments** required for the purpose. This session was conducted by **Ms. Harsha Singh and Mr. Sachin Mahawar**. This was followed by a break.

The third session was conducted by **Dr. Vandana** in XII-A where she explained the use of various **spectroscopy techniques used for the characterisation of compounds in Chemistry** and how this could be **integrated to the study of medicinal plants**. Dr. Vandana is a pioneer in organic chemistry and medicinal plant research.

The workshop saw an **active participation** by the students who were **extremely fascinated by the field of Medicinal Chemistry and its future perspectives**. The resource persons were also quite impressed by the intellectuality of the students. It was a very fruitful and interesting session for the students.