

# WORKSHOPS

Workshops are focused to instill a percieveance of unexplored areas by specialists from various disciplines. They would enrich your knowledge and exhibit the innumerable opportunities lying ahead of you. These professionals would broaden your spectrum and assist you to understand numerous career paths and their scopes in the near future.

## ***ECE Workshop***

**Electrocardiography** is the process of producing an electrocardiogram (ECG), a recording containing a graph of voltage versus time of the electrical activity of the heart using electrodes placed on the skin. The significance of this technique is in the screening of drug action on the cardiovascular system. This skill will be beneficial for graduate and postgraduate students specialising in the **pharmacology** stream.

## ***FTIR Workshop***

**Fourier-transform infrared spectroscopy** is a powerful spectral technique used in Pharmaceutical Industry. The principle involved is infrared radiation and matter interaction. FTIR is mostly used for **qualitative analysis**. This workshop will familiarise you with the mechanism, instrumentation and various sampling techniques involved in FT-IR and ATR spectroscopy.

## ***HPLC Workshop***

**High Performance Liquid Chromatography** is a highly sophisticated technique used in Industry. It is a versatile technique that is used in every step of drug discovery and development Pharmaceutical programme, from the Lead screening to Clinical Drug Development. HPLC is an automated version of **column chromatography**. This technique will be beneficial for every Pharma student ranging from graduate to postgraduate to research scholars equally.

### **Workshop Heads:**

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