

Nuclear Magnetic Resonance spectroscopy (NMR)

Code: IICB-NMR

Nuclear Magnetic Resonance Spectroscopy is an important analytical chemistry technique used in quality control and research for determining the content and impurity of a sample (drug, protein and etc.) as well as its molecular structure.

The course is specially targeted to candidates having chemical/pharmaceutical background with basic knowledge in organic and analytical chemistry. This expanded analytical science training programme will develop the practical analytical knowledge and techniques for self-sustainability.

CSIR-IICB will offer a course on NMR Spectroscopy under the skill development program initiated by Govt. of India.

The course will cover-

- Principles and practical aspects of Nuclear Magnetic Resonance spectroscopy
- Types of NMR technique
- Sample preparation
- Running the NMR experiment (Hands on training)
- Spectral interpretation
- Molecular structure determination of known and unknown sample
- Practical assessment

Applications are invited for the above training course; we welcome applications from BSc, BPham, MSc, MPharm qualified candidates.