

Guest Lecture on NMR-SPECTROSCOPY

Arranged a guest lecture on *NMR –Spectroscopy on 2-12-2014.*

Participants:

A total number of 80 students and faculty.

Resource person:

Dr. N.Madhavi, H.O.D, P.G. Dept of Chemistry, J.K.C. College, Guntur.

Description of the programme:

Dr.N.Madhavi explained that Nuclear Magnetic Resonance Spectroscopy is a spectroscopic technique to observe local magnetic fields around atomic nuclei. Through her lecture students understood the unique, well-resolved, analytically highly predictable features of NMR. They were also educated that even though NMR is relatively expensive, it determines the structure of molecules. She explained how the NMR spectroscopy is useful to distinguish and identify various functional groups with different neighbouring substituents and how it is replaced by traditional chemistry tests.



“The true sign of intelligence is not knowledge but imagination”

- Albert Einstein