

**Guest lecture  
on  
NMR Spectroscopy  
(18-09-2018)**

- PG Department of Chemistry organised a guest lecture on NMR spectr Pre-Event Lecture Series, Roadshow and Exhibition on Nano Science & Technology on 15th November 2018.
- Guest lecture on Chemistry in Biology by Dr. N. Madhusudhana Rao, CEO, Atal Incubation Centre, Centre for Cellular and Molecular Biology, Hyderabad on 24th October, 2018.
- UGC Sponsored Two day National Symposium on “ Emerging Trends in Organic Chemistry” from 28th to 29th September 2018.
- Guest lecture on NMR spectroscopy by Dr. Beeraiah Beri Associate professor, IIT, Chennai on 18<sup>th</sup> September 2018.
- Scientific Talk on Chemical Sensors for Speciation Studies by Dr. A.V. Ramana Reddy, Scientist, BARC, Mumbai on 16<sup>th</sup> August 2018.
- Guest Lecture on Crystal field theory by Dr. Y. Lakshmana Kumar on 28<sup>th</sup> July 2018.

oscopy by Dr. Beeraiah Beri Associate professor, IIT, Chennai on 18<sup>th</sup> September 2018 to 1<sup>st</sup> and 2<sup>nd</sup> M.Sc Chemistry students. In his lecture he covered the following topics.

- **Chemical Shift**
- **The general distribution of proton chemical shifts associated with different functional groups.**
- **Signal Strength**
- **Hydroxyl Proton Exchange and the Influence of Hydrogen Bonding**
- **$\pi$ -Electron Functions**
- **Solvent Effects**
- **Spin-Spin Interactions**

