

## **Students' Annual Seminar**

### **Developing Solid-State NMR Techniques for structural Characterization**

**Kshama Sharma**

Solid-state NMR is a very flexible and powerful technique for elucidation of geometry and dynamics information on a variety of samples. However, there is still need to overcome sensitivity and resolution aspects along with the necessity to carry out multidimensional experiments in a short span of time. They are required to get assignment, geometry, and dynamics information on various samples with solid-state NMR. This talk will explore several aspects related to better decoupling and recoupling techniques along with strategies to speed up multidimensional data acquisition.

***Wednesday, Apr 6<sup>th</sup> 2016***

***4:00 PM (Tea/Coffee at 3:45 PM)***

***Seminar Hall, TCIS***