

### Area Seminar

Title	Coupled cluster method for Energy Spectra and Properties
Date and Time	16/02/2012 16:00:00
Speaker	Nayana Vaval
Area	National Chemical Laboratory, Physical Chemistry Division, Poona
Venue	Theoretical Physics
Venue	Room No. 469
Abstract	<p>Coupled-cluster (CC) method has emerged as a state of the art method for the accurate calculation of energies and energy derivatives in the atomic and molecular systems. The linear response approach within the CC framework gives atomic and molecular properties very accurately. In this talk, results will be presented for the energy derivatives of molecules with respect to the electric, geometric and magnetic perturbations.</p>