

## Area Seminar

Title	Spin Current Driven Magnetization Dynamics and Applications in Spin Valve Pillars
Date and Time	13/03/2014 16:00:00
Speaker	C. Sanid Research Scholar IIST, Trivandrum
Area	Theoretical Physics
Venue	Room No. 469
Abstract	Spintronics is a contemporary area of technology which, in addition to the electric charge, makes use of the electron spin in designing novel, energy efficient and non-volatile memory devices and much more. In this talk the preliminary science and technology aspects needed to understand the developments in this emerging research area are introduced followed by a detailed presentation of two problems we have investigated - magneto logic gates and tunable spin torque nano oscillators.