



**DEPARTMENT OF CHEMISTRY
PONDICHERRY UNIVERSITY**

Invites you to the lecture on

**“Nanotechnology: Opportunities and
Challenges”**

By

Prof. Dr. Chennupati Jagadish, AC

Research School of Physics and Engineering
The Australian National University, Canberra

20th March 2018 (Tuesday)

Time: 10.30 am

Venue: Department of Chemistry, PU

Dr. K. Tharanikkarasu
Professor & Head

Prof. C. Sivasankar
(Seminar Coordinator)

Abstract

Nanotechnology is considered as the technology of the future and it is expected to have an impact on all industry sectors, e.g. electronics, computers, communications, defense, transportation, health and biomedical. In this talk, I will introduce what is nanotechnology, how to make nanostructures, applications of nanotechnology. I will discuss both opportunities and challenges in making nanotechnology as a viable technology for industrial applications. I will present future prospects of nanotechnology.