

**CSIR- Central Scientific Instruments Organization
Sector 30C, Chandigarh-160030**

Mr. Umesh Tiwari Awarded the CSIR Young Scientist Award in Physical Sciences



Mr. Umesh Tiwari



Umesh Tiwari, Scientist receiving the Young Scientist Award from the Hon'ble Prime Minister, Dr. Manmohan Singh & Director General, CSIR Prof. Samir K. Brahmachari

Mr. Umesh Tiwari, a scientist in the Photonics Division of CSIR-CSIO, Chandigarh was awarded with the CSIR Young Scientist Award 2012 in Physical Sciences. The award has been conferred upon him for his innovative and significant contributions in the area of optical fiber based sensors particularly in developing fiber grating sensors for novel applications in industrial and medical areas.

Mr. Tiwari, received M.Sc. (Electronics) from Bhopal University, and M.Tech. (Opto-electronics) from S.G.S.I.T.S., Indore. He has submitted his Ph.D. thesis in Physics at IIT Delhi. He is recipient of SPIE best paper award in international conferences on fiber optics and photonics (Photonics-2008). His research activities have been devoted to fiber gratings, erbium-doped fiber amplifiers, Raman amplifier, Raman/ EDFA hybrid and EDFA/SOA hybrid amplifiers.