CSP OJHA (PhD 1993, Imperial College, London), 2012-13 Curtis Professor, is from Civil Engineering Department at IIT Roorkee, India. He has more than 25 years of teaching and research experience in the areas of water resources and environmental engineering and has worked on many river systems in India.

**Challenges in the Indian Water Sector and the IITR-Purdue Collaboration**

*November 13, 2012*

*Seminar: 3:30 pm, HAMP 1252*

*Reception: 4:30 pm, HAMP 1129*

India is a developing economy and its success depends to a large extent on the development of the water resources sector. One of the key areas of research at IIT Roorkee has been water resources. In fact, IIT Roorkee (earlier Thomson College of Engineering in 1847) was established to create a pool of engineers who would play a lead role in the construction of the famous Ganges canal in 19th century. With growing population, there is mounting pressure on water resources in India with the need to undertake several large projects in areas such as interlinking of rivers, sediment management, water conservation, cost effective water abstraction for water supply, and waste water management. The seminar will include aspects related to these key issues and provide a glimpse of some important projects with international collaborations including the one with Purdue University in the area of water conservation.