

2019 Awardee



Outstanding Alumnus Award of College of Technology

Dr. N.K. Goel

Dr. N.K. Goel is currently Professor of Hydrology at Indian Institute of Technology Roorkee. Before joining IIT Roorkee in 1988 as Reader, he served National Institute of Hydrology, Roorkee as Scientist. He received his B. Tech. Degree in Civil Engineering from GBPUA&T in 1980, and M. Tech. and Ph.D. degrees from Indian Institute of Technology Delhi and Indian Institute of Technology Roorkee respectively in 1982 and 1990. He has held the position of Adjunct Professor in Department of Civil engineering, University of Waterloo Canada from 2003 to 2006 and Bharat Singh Chair Professor for Water Resources from 2013 to 2017.

Prof. N. K. Goel has made significant contributions in the area of flood estimation and forecasting. Apart from carrying out flood estimation studies for several projects, very recently the project entitled 'Design flood estimation and spillway design for Kalpasar' has been completed by him. This is the unique and first project of its kind in India.

He has also developed Real time inflow forecasting system for Tehri dam. The inflow forecasts are being issued since July 1, 2018. This is the first dam project in the country wherein the forecasts are being issued in real time through indigenous model developed by him, and the forecasts can be verified in real time. The inflow forecasting system can be accessed by anyone through the website of the system.

Dr. N. K. Goel has published more than 60 papers in highly reputed International and National journals more than 70 papers in National and International conferences. He has guided 14 Ph.D. and 67 M.Tech. Dissertations in various fields of Hydrology.

Dr N. K. Goel has received many honours and awards like ASCE-EWRI -2014 Best Case Study award, and Khosla Research Prize in the years 1999, 2001 and 2002 by IIT Roorkee. In recognition of his contributions towards teaching and research he was awarded 'Star performer status' for more than six times in a row by IIT Roorkee. He has served IIT Roorkee in various administrative capacities like Head Department of Hydrology from 2006-2008 and Dean of students Welfare from 2009- 2011. He has served as the member of several National level committees.