



# Department of Water Resources Development & Management introduces the **A N Khosla Memorial Lecture Series** in the memory of **Padma Vibhushan Dr. A N Khosla**



(1892-1984)

Date: 19<sup>th</sup> August, 2019 (Monday) Time: 04.00 PM, Venue: O P Jain Auditorium, Deptt. of Civil Engineering, IIT Roorkee

- Founder Director of Water Resources Development & Training Centre (WRDTC)
- First Indian Vice Chancellor of University of Roorkee
- Founder Chairman of Central Water Commission (CWC), Central Water & Power Research Station (CWPRS)
- Instrumental in Indus Treaty, Construction of Bhakra and Hirakund Dams
- Padma Bhushan (1954) and Padma Vibhushan (1977)
- 11<sup>th</sup> Governor of Odisha

## RIVER WATER DISPUTES

Water is one of the most important natural resources that plays a major role in sustainable development. River basins do not recognize the man-made administrative boundaries. In order to have effective and best utilization of water resources, it is desired to share the river basin water among the man-made boundaries on a reasonable basis without causing significant harm to others in a spirit of goodwill, friendship and cooperation. The speaker has been fortunate to have been associated with the conflict resolution of some of the River water disputes at the National and International levels. Resolution of such disputes involves addressing technical and legal issues apart from understanding the political implications. The present talk focusses four such disputes, which are: Varuna Canal-an Inter-district dispute, Krishna River-An Interstate dispute, Baglihar and Kishenganga Dam-International Disputes between India and Pakistan. The two International Disputes needed to be resolved within the ambit of the Indus Waters Treaty. The talk will focus on the issue, approach for resolution and the end result.

## Brief Bio of Prof. K G Ranga Raju



Prof. K.G. Ranga Raju born on 8<sup>th</sup> July 1942 is an outstanding teacher and researcher, who did his B.E. (Civil) from Mysore University, Masters and Ph.D. from the University of Roorkee, Roorkee in 1963 and 1967. He was the Deputy Director at IIT Roorkee and has held several positions such as Head of the Civil Engineering Department, Dean of Academics Affairs, Dean of Student Welfare, and Pro Vice Chancellor of the University of Roorkee. He is the recipient of Arthur Thomas Ippen Award of IAHR (1985), CBIP Golden Jubilee Award (1994), Khosla International Award (2000), Outstanding Teacher Award (2004) and Life Time Achievement Award of Indian Society of Hydraulics. Prof. Ranga Raju was member of the various National and International level expert committees. He was member of the Indian delegation which presented the India's case in the Baglihar Dam Dispute and Kishenganga Arbitration with Pakistan at international level. He was also the advisor to the Govt. of Karnataka in Cauvery, Krishna and Mahadayi Water disputes and acted as advisor to Govt. of Andhra Pradesh and Haryana for resolving various water disputes. He has guided several research scholars and published more than 170 papers in different journals and has written 2 famous books on Flow Through Open Channels and Mechanics of Sediment Transportation and Alluvial Stream Problems