

## **ECONOMIC ANALYSIS OF THE URBAN WATER SERVICES**

### **Syllabus**

**External faculty:** Pawan Sachdeva, Water consultant Singapore

**Session 1:** Background to the Urban water services sector in India. The key challenges faced by the sector. What is the optimum framework to look at solution for the urban water services? This framework relates to the physical, operational, financial and regulatory domain of the urban water sector. (Pawan Sachdeva)

**Session 2:** Financial Sustainability is key to success of any organization? A basic introduction to how to read a Profit & Loss statements/ Balance sheets/Cash Flows. What are the key financial ratios one should look at? (Pawan Sachdeva)

**Session 3:** Global City Case Studies (Singapore, Phnom Penh and Mongolia). Learnings from other cities and the challenges faced by the global cities? (Pawan Sachdeva)

**Session 4:** Indian cities case studies (Delhi, Chennai, Bengaluru) (Pawan Sachdeva)

**Session 5:** The role of technology in solving the problems of the water sector? Other creative ways in solving the problems of Indian water sector. (Dr. A.K.Gupta and Pawan Sachdeva)

Session 6: Final Examination

#### Evaluation

1. 30% weightage to class participation
2. 30% weightage to 4 Quizzes (Session 2/3/4/5)
3. 40% weightage to the final examination