

## **About the Book**

*This book mainly focus on municipal and industrial water and wastewater treatment technologies. The individual chapters will provided detailed information about wastewaters' occurrence, source, characteristics, toxicity and conventional and advanced treatment process. In addition to this, The book also presents, some chapters relating to different monitoring methods adopted for water quality assessment in different water bodies. This book aims to boost the knowledge of students, researchers, scientists, professors, engineers and professionals who aspire to work in the field of environmental science, environmental biotechnology, environmental microbiology, civil/environmental engineering, eco-toxicology and other relevant areas of industrial waste management for the safety of the environment. In addition to this, the readers of the book can also get valuable information related various environmental problems and solutions.*

## **Contents:**

- 1. Treatment of tannery wastewaters discharged from different chemical operations using aluminum chloride*
- 2. Ranking of municipal wastewater treatment alternatives using analytical network process technique*
- 3. Novel rotating disc electrolytic reactor based on Bipolar electrochemistry for the treatment of industrial wastewater*
- 4. Assessment of contaminant reduction in greater using Horizontal flow constructed wetland for irrigation*
- 5. Spatial and temporal variation of water quality Index*
- 6. Wastewater Treatment and resource recovery via struvite precipitation from high strength industrial wastewater*
- 7. Sustainable approach for insoluble phosphate recycling from wastewater effluents*
- 8. Review on the evaluation of various natural adsorbents for the removal and treatment of textile wastewater*
- 9. Employing multivariate statistics as a tool for developing water quality index for the assessment of water quality of deepor beel, Assam India*
- 10. Degradation of eosin yellow dye solution by using nano sized copper based heterogenous Fenton-like catalyst in a fluidized bed reactor*