



## Advance Diploma in Aqua Purification Technology

### Advance Diploma in Aqua Purification Technology Water Resources

Engineering or Bachelor of Technology in Water Resources Engineering is an undergraduate Agriculture Engineering course. Water resources engineering is the profession that is responsible for the planning, development and management of water resources. From estimating the amount of water available to designing the physical and non-physical infrastructure needed to meet the water needs of society and the environment, civil engineers play a central role within a multi-disciplinary team. To ensure access to clean safe drinking water, civil engineers design, build and manage the water intakes, the water treatment plants and the network of pipes that convey water to your tap. Water resources engineers are concerned with the problems associated with the use and control of water. They will work to prevent floods, to supply water for cities, industry and irrigation, to treat wastewater, to protect beaches, to manage and reuse stormwater, to institute water-sensitive urban design (WSUD) or to manage river systems. They might be involved in the design, construction, or maintenance of stormwater harvesting and re-use systems, wastewater treatment systems, desalination systems, dams, pipelines, pumping stations, locks, or seaport facilities. The duration of the course is four years.

### Advance Diploma in Aqua Purification Technology Water Resources Engineering Syllabus

Syllabus of Water Resources Engineering as prescribed by various Universities and Colleges.

Sr. No.	Subjects of Study
1	Water Resources Engineering
2	Water Resources Systems Planning and Management
3	Management of Hydraulic System



## केन्द्रीय शैक्षणिक एवम् तांत्रिक माहिती संशोधन समीती

**CENTRAL EDUCATION & INFORMATION TECHNOLOGY RESEARCH COMMITTEE**

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सत्यमेव जयते

REGD. NO. - S14K8L1040424644087

4	Sustainable Development Approach
5	Water Control and Measurement
6	Surface Irrigation Systems
7	Sprinkler and Trickle Irrigation Systems
8	Nonpoint Source Pollution
9	Planning and Design of Water Resources Systems
10	Surface drainage Systems
11	Irrigation Management for Water Quality
12	Drainage and Wetlands Engineering
13	Groundwater Technology

