

ITEC Courses for a duration of more than six months

Sl. No	Name of the Institutes	Name of the Courses	Period	Aim and objective	Remarks
1.	INDIAN INSTITUTE OF TECHNOLOGY-ROORKEE (DEPARTMENT OF HYDRO AND RENEWABLE ENERGY FORMERLY ALTERNATE HYDRO ENERGY CENTRE) ROORKEE	M TECH IN RENEWABLE AND HYDRO ENERGY	11-Jul-2024 To 10-Jul-2026	PROVIDE CAPACITY BUILDING IN THE AREA OF RENEWABLE AND HYDRO ENERGY	PROFESSIONAL WORKING IN GOVERNMENT AND NON GOVERNMENT AGENCIES
2.	INDIAN INSTITUTE OF TECHNOLOGY-ROORKEE (DEPARTMENT OF HYDRO AND RENEWABLE ENERGY FORMERLY ALTERNATE HYDRO ENERGY CENTRE) ROORKEE	M TECH IN ENVIRONMENTAL MANAGEMENT OF RIVERS AND LAKES	11-Jul-2024 To 10-Jul-2026	PROVIDES CAPACITY BUILDING IN THE CONSERVATION AND MANAGEMENT OF WATER BODIES	PROFESSIONAL WORKING IN GOVERNMENT AND NON GOVERNMENT AGENCIES
3.	INDIAN INSTITUTE OF TECHNOLOGY - ROORKEE (DEPARTMENT OF WATER RESOURCES DEVELOPMENT AND MANAGEMENT) ROORKEE	P G DIPLOMA IN DRINKING WATER AND SANITATION	13-Jul-2024 To 08-Jul-2025	THE COURSE WOULD PROVIDE ADVANCED KNOWLEDGE AND SKILL DEVELOPMENT TO THE ENGINEERS AND SCIENTIST FOR EFFECTIVE PLANNING, DESIGN, CONSTRUCTION AND MAINTENANCE OF THE DRINKING WATER AND SANITATION PROGRAMMES TO ADDRESS THE UN SUSTAINABLE DEVELOPMENT GOAL 6 - CLEAN WATER AND SANIATION.	OFFERS APPLICATION BASED POSTGRADUATE DEGREE PROGRAMMES IN DRINKING WATER SANITATION TO STUDENTS, IN SERVICE ENGINEERS WITH CIVIL, ENVIRONMENTAL, MECHANICAL, AGRICULTURAL, CHEMICAL ENGINEERS , B.ARCH AND PLANNING OR EQUIVALENT BACKGROUND OF AFRO ASIAN COUNTRIES.
4.	INDIAN INSTITUTE OF TECHNOLOGY - ROORKEE (DEPARTMENT OF WATER RESOURCES DEVELOPMENT AND MANAGEMENT) ROORKEE	P G DIPLOMA IN IRRIGATION WATER MANAGEMENT	13-Jul-2024 To 08-Jul-2025	IN SERVICE PROFESSIONALS HAVING BACHELOR DEGREE IN CIVIL, ELECTRICAL, MECHANICAL AND AGRICULTURAL ENGINEERING WITH AT LEAST 60 PERCENT MARKS IN THEIR BACHELOR DEGREE EXAMINATION WITH ONE YEAR PROFESSIONAL EXPERIENCE.	PROVIDES TRAINING IN INNOVATIVE TECHNOLOGIES REQUIRED FOR IRRIGATIONWATER MANAGEMENT TO ENSURE A GREENER AND MORE SUSTAINABLE FOOD PRODUCTION.
5.	INDIAN INSTITUTE OF TECHNOLOGY - ROORKEE (DEPARTMENT OF WATER ROORKEE	M TECH IN WATER RESOURCES DEVELOPMENT	13-Jul-2024 To 08-Jul-2026	PROVIDES TRAINING IN BASIC PRINCIPLES AND IMPORTANT DETAILS OF PLANNING, INVESTIGATION, DESIGN, CONSTRUCTION, MAINTENANCE AND ESTABLISHING OF MULTI PURPOSE WATER RESOURCES PROJECTS	IN SERVICE PROFESSIONALS HAVING BACHELOR DEGREE IN CIVIL, ELECTRICAL,MECHANICAL AND AGRICULTURAL ENGINEERING

	RESOURCES DEVELOPMENT AND MANAGEMENT) ROORKEE			INCLUDING TRAINING ON EMPLOYMENT OF MODERN CONSTRUCTION MACHINERY, A CORRECT APPRAISAL OF THE RELATIVE ROLE OF MECHANISATION AND MANUAL LABOUR IN THE EXECUTION OF MULTI PURPOSE RIVER PROJECTS	WITH AT LEAST 60 PERCENTAGE MARKS IN THEIR BACHELOR DEGREE EXAMINATION WITH ONE YEAR PROFESSIONAL EXPERIENCE.
6.	INDIAN INSTITUTE OF TECHNOLOGY - ROORKEE (DEPARTMENT OF WATER RESOURCES DEVELOPMENT AND MANAGEMENT) ROORKEE	PG DIPLOMA WATER RESOURCES DEVELOPMENT	13-Jul-2024 To 08-Jul-2025	IN SERVICE PROFESSIONALS HAVING BACHELOR DEGREE IN CIVIL, ELECTRICAL, MECHANICAL, AND AGRICULTURAL ENGINEERING WITH AT LEAST 60 PERCENT MARKS IN THEIR BACHELOR DEGREE EXAMINATION WITH ONE YEAR OF PROFESSIONAL EXPERIENCE.	PROVIDES EDUCATION ON EMPLOYMENT OF MODERN CONSTRUCTION MACHINERY,A CORRECT APPRAISAL OF THE RELATIVE ROLE OF MECHANISATION AND MANUALLABOUR IN THE EXECUTION OF MULTI-PURPOSE RIVER PROJECTS AND THEREQUIREMENTS OF PLANNED DEVELOPMENT IN THE VARIOUS COUNTRIES UNDER CONDITION OF CLIMATE CHANGE
7.	INDIAN INSTITUTE OF TECHNOLOGY - ROORKEE (DEPARTMENT OF WATER RESOURCES DEVELOPMENT AND MANAGEMENT) ROORKEE	M TECH IN IRRIGATION WATER MANAGEMENT	13-Jul-2024 To 08-Jul-2026	PROVIDES TRAINING IN INNOVATIVE TECHNOLOGIES THROUGH THEORY AND PRACTICALS REQUIRED FOR IRRIGATION WATER MANAGEMENT TO ENSURE A GREENER AND MORE SUSTAINABLE FOOD PRODUCTION.	IN SERVICE PROFESSIONALS HAVING BACHELOR DEGREE IN CIVIL, ELECTRICAL,MECHANICAL AND AGRICULTURAL ENGINEERING WITH AT LEAST 60 PERCENT MARKS IN THEIR BACHELOR DEGREE EXAMINATION WITH ONE YEAR PROFESSIONAL EXPERIENCE.
8.	INDIAN INSTITUTE OF TECHNOLOGY - ROORKEE (DEPARTMENT OF WATER RESOURCES DEVELOPMENT AND MANAGEMENT) ROORKEE	MTECH IN DRINKING WATER AND SANITATION	13-Jul-2024 To 08-Jul-2026	TO PROVIDE TRAINING IN INNOVATE TECHNOLOGIES THROUGH THEROY AND PRACTICALS REQUIRED FOR DRINKING WATER AND SANITATION	WORKING PROFESSIONAL IN THE AREA OF DRINKING WATER AND SANITATION
9.	INDIAN INSTITUTE OF TECHNOLOGY - ROORKEE (DEPARTMENT OF WATER RESOURCES DEVELOPMENT AND MANAGEMENT) ROORKEE	FIFTY ONE INTERNATIONAL COURSE OF P G DIPLOMA IN HYDROLOGY	15-Jul-2024 To 14-Jul-2025	EARLY CAREER ACADEMICIANS AND FIELD ENGINEERS WITH MODERN KNOWLEDGE AND TOOLS IN THE FIELD OF HYDROLOGY AND WATER RESOURCES ENGINEERING	PROVIDES EDUCATION IN THE BROAD AREAS OF SURFACE WATER HYDROLOGY, WATERSHED MANAGEMENT, GROUNDWATER HYDROLOGY & ENVIRONMENTAL HYDROLOGY TO THE PARTICIPANTS WORKING IN THE WATER RESOURCES SECTOR
10.	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE (DEPARTMENT OF HYDROLOGY) ROORKEE	FIFTY THREE INTERNATIONAL COURSE OF M TECH IN HYDROLOGY	15-Jul-2024 To 14-Jul-2026	EARLY CAREER ACADEMICIANS AND FIELD ENGINEERS WITH MODERN KNOWLEDGE AND TOOLS IN THE FIELD OF HYDROLOGY AND WATER RESOURCES ENGINEERING	PROVIDES EDUCATION IN THE BROAD AREAS OF SURFACE WATER HYDROLOGY, WATERSHED MANAGEMENT, GROUNDWATER HYDROLOGY & ENVIRONMENTAL HYDROLOGY TO THE PARTICIPANTS WORKING IN THE WATER RESOURCES

					SECTOR
11.	INTERNATIONAL STATISTICAL EDUCATION CENTRE KOLKATTA	STATISTICAL THEORY AND APPLICATIONS	01-Aug- 2024 To 31-May- 2025	PROVIDES SOLID GROUNDING IN THEORETICAL AND APPLIED STATISTICS, TRAINING IN OFFICIAL STATISTICS IS IMPARTED BY OFFICERS OF THE NATIONAL STATISTICAL OFFICE. IT ALSO PROVIDES A SPECIALIZATION IN THE LAST PHASE WHICH TESTS THE APPLICATION OF KNOWLEDGE GAINED DURING THE EARLIER PHASES BY CARRYING OUT A LIVE PROJECT.	OFFICIALS FROM NATIONAL STATISTICAL OFFICES, GOVERNMENT DEPARTMENTS, BUSINESS ORGANIZATIONS, TEACHERS AND RESEARCH WORKERS IN STATISTICS, OFFICIALS FROM NON- STATISTICAL FIELDS DESIROUS OF ACQUIRING KNOWLEDGE IN STATISTICS WITH A MINIMUM FIVE YEARS EXPERIENCE.