

WATER TECHNOLOGIES AND MANAGEMENT (WTM)

Post Graduate Diploma

Department of Technology

Savitribai Phule Pune University

Maharashtra, India



United Nations
Educational, Scientific and
Cultural Organization

IHE
DELFT

Institute for
Water Education
in partnership with UNESCO



DoT
DEPARTMENT OF
TECHNOLOGY



UNITY KNOWLEDGE LLP

PGD – WTM



WATER TECHNOLOGIES AND MANAGEMENT

- Real-time learning & interacting with Professors, Students and researchers from all over the world
- Opportunity to intern in a Private Company / Government Office / Consultancy / MNC / NGO
- Diploma issued by DoT, SPPU; additional certificate issued by IHE Delft, Netherlands
- Solve real-world problems in real-time in an innovative, hands-on, smart, industry supported environment
- Celebrate your NEW YEARS EVE 2020 with TWO Degrees instead of 1 !!

WATER TECHNOLOGIES AND MANAGEMENT

POST – GRADUATE DIPLOMA

1 year course

Specialisation as per candidate's interest under the broad domain of water & sanitation

3-month mandatory industry internship (part of curriculum)

Internship comprises of office-work + field/lab-work

Students learn in real-time with Professors at IHE Delft, Netherlands and other students from all over the world

WATER TECHNOLOGIES AND MANAGEMENT

Three week subject modules; Examination after every two modules; System runs parallel to IHE Delft, Netherlands

Course Commencement: Second Week of January 2020

Target Intake: 30 Nos.

Diploma issued by DoT, SPPU; additional certificate issued by IHE Delft, Netherlands

Transcript will clearly mention the courses conducted locally / internationally (by IHE)

Courses to be conducted at DOT, SPPU Campus

Oriented towards design, technologies and field-work

Generic annual time-table for PGD (December / January intake)

Generic Year Schedule	DOT, SPPU
Second week of January – Mid February	Introductory courses
February – May	Mandatory courses
May	Introduction to Bentley + GIS Software (mini assignment) Field Visit for data collection & analysis process
June – September	Specialisation and Group Work courses
September – December	Internship
December (last 2 weeks)	Internship Report submission and viva

- Modular System with 3-week modules
- Course operations will have parallels with IHE Delft
- 1 exam week after 2 modules (1 exam every 6 weeks based on the 2 previous modules)
- Examination is a combination mark: attendance + assignments + written / viva exam

WATER TECHNOLOGIES AND MANAGEMENT – Module Titles

1	Induction + Introduction
2	Unit Operations in Water Treatment (Aeration, Coagulation, Sedimentation, Floatation, Filtration, Disinfection)
3	Conventional Wastewater Treatment
4	Resource Oriented Wastewater Treatment and Sanitation
5	Water Transport and Distribution
6	Water and Wastewater treatment processes and plant design
7	Assignment Based Field Work

WATER TECHNOLOGIES AND MANAGEMENT

8	Elective I	Drought and Flood Management and Introduction to Reservoir Operations
8	Elective I	Partnerships, Networks and Stakeholder Analysis in the Water Sector
9	Elective II	Data Analytics and GIS for Water Management
9	Elective II	Data Analytics and Advanced Water Transport and Distribution
9	Elective II	Data Analytics and Decentralised Water Supply and Sanitation
9	Elective II	Data Analytics and Water Sensitive Cities
10		Summer Course
11		Applied Project Work
12		INTERNSHIP

Some Prof's for various topics (click on the name!)



[Nemanja Trifunovic](#)



[Tineke Hooijmans](#)



[Damir Brdanovic](#)



[Carlos Lopez Vasquez](#)



[Maria Kennedy](#)



[Assela Pathirana](#)

LOOKING FORWARD TO YOUR PARTICIPATION

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