

# STUDENT INDUSTRY INTERACTION



Site visit of M Tech students to UF MBR STP at Trident Hotel, Mumbai.



Site visit of M Tech students to Jite WTP at Jite, Navi Mumbai.



Site visit of M Tech students to IFAT India, Goregaon, Mumbai.



Site visits and industry projects provide M.Tech Environmental Engineering students with real-world exposure to environmental systems and technologies. They bridge the gap between classroom learning and practical application. These experiences also build industry connections, enhance problem-solving skills, and improve employability.

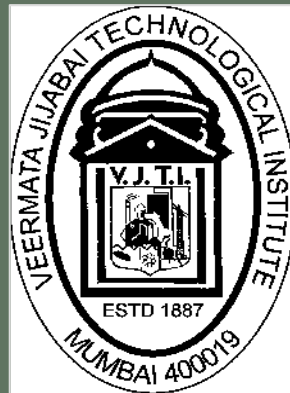


## ABOUT THE DEPARTMENT

The Department of Civil and Environmental Engineering was established in 1912. The department conducts courses at the diploma, graduate and post graduate levels. The department is also recognized for doctoral research by the University of Mumbai. It has laboratories equipped with the most modern equipment and test facilities. The department continuously undertakes research and consultancy projects to share and enhance technical knowledge.

### CONTACT US

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Civil and Environmental Engineering Department  
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VEERMATA JIJABAI TECHNOLOGICAL  
INSTITUTE

H. R. Mahajani Marg, Matunga  
Mumbai, MH 400 019



TOC/TN analyzer



Ion chromatograph



Water purification system



Ozone generator



4 channel speciation sampler



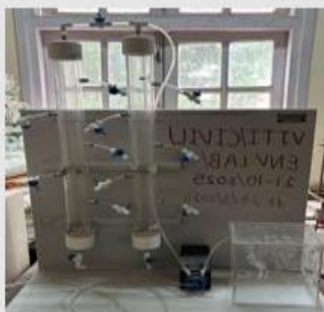
Stack monitoring kit

## LABORATORY FACILITIES

State-of-the-art equipment in environmental engineering labs enables precise analysis and monitoring of environmental parameters. It fosters advanced research and innovation in areas like water treatment, air quality, and waste management. Access to modern tools enhances student learning and industry readiness.



Forward osmosis setup



Adsorption column setup



EC-MBR Experimental setup



Microflow photo reactor



Soundlevel meter kit



Photochemical reactor

## EXPERIMENTAL SETUPS

Experimental setups in environmental engineering labs provide hands-on experience in analyzing and solving real-world environmental problems. They help students understand complex processes such as water treatment, air pollution control, and waste management. These practical skills bridge theory and application, enhancing both technical competence and innovation..

## ALUMNI INTERACTION

The Department is proud of its Alumni and their achievements. Many alumni are in government, public and private sectors while several are successful entrepreneurs. The Alumni have contributed to the Department by delivering expert lectures, placements and supporting department events.



## ABOUT THE PROGRAMME

The M.Tech in Environmental Engineering started in 1962, is a program that prepares students to develop sustainable solutions for environmental challenges, aligned with UN Sustainable Development Goals. Through advanced coursework, hands-on lab work, field exposure, and industry projects, students gain expertise in water and wastewater treatment, air pollution control, waste management, and environmental sustainability. Graduates are equipped to drive positive change across industry, government, and research sectors.

## PROGRAM SPECIFIC LABORATORIES

Laboratories	Area (m <sup>2</sup> )
Environmental Engineering Lab -I	117
Environmental Engineering Lab- II	180.81
Postgraduate Computer Lab	58.36
Project Lab	108.5
Postgraduate Environmental Engineering Lab	66.83

## FACULTY PROFILE

Name	Specialization
Dr A S Wayal	Water Resources Engineering
Dr S Y Mhaske	Geospatial Technology
P S Chaudhari	Water Resource Engineering
Dr S U Sayyad	Environmental Engineering
Dr V B Varekar	Environmental Engineering
Dr C D Wagh	Structural Engineering
Dr S S Surapreddi	Geotechnical Engineering
Dr N N Oke	Environmental Engineering
Dr S Verghese	Environmental Engineering
Dr A Joy	Geotechnical Engineering
N S Shirbhate	Environmental Engineering
V V Kotak	Infrastructure Engineering