



Parshvanath Charitable Trust's  
**A. P. SHAH INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)  
(Religious Jain Minority)

## **DEPARTMENT OF CIVIL ENGINEERING**

### **EXPERT LECTURE REPORT ON**

### **SMART BUSINESS OPPORTUNITIES IN WATER AND ENVIRONMENT SECTOR**

**VENUE :- A.P. Shah Institute of Technology (Seminar Hall 112)**

**EXPERT LECTURE DATE: - 03-02-2020**

**AUDIENCE: - Third and Final year Civil Engineering students and Faculty**

**EXPERT SPEAKER: - Prof. Rajendrakumar Saraf, FIE, Chairman Viraj Envirozing India Pvt.Ltd.**

**ORGANISED BY: - Civil Engineering Department in association with CESA**

**FACULTY CO-ORDINATOR:- Prof. Mrunal Joshi**

**TOTAL STUDENTS ATTENDED: - 135**

With growing urbanization and industrialization ,demand of water for municipal and industrial use has been increasing accordingly. This presents a great opportunity for innovation and solutions in water market ,especially in the fields such as infrastructure ,technologies and services. Urbanization creates opportunities in Water, Energy, Environment, Risk and Audit, Life cycle assessment, ground water exploration and quality monitoring.

Expert lecture also highlighted the fields for the job opportunity in the smart city project, Swaccha Bharat Abhiyan and government sector.

Prof. Saraf has added the knowledge of students by sharing his experiences in the chemical and environmental field ,also suggested the topics for the project to the third year students.

The topic was covered in a systematic manner and during the lecture, expert shared some of his field experiences with students which was very interesting. The lecture ended with question and answer session and vote of thanks.

A few Glimpses of the lecture





### **Mapping with Program Outcomes:**

POs satisfied are PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PO10, and PO12