

# INDUSTRIAL VISITS



BE IV At New Gide, Sanand for Road Construction Site Visit



BE I At Navlakhi Ground for Road Profile Survey (2021-22)



BE II At Payagadh for Contour Survey (2019-20)



BE I At Construction site to learn various stages of building construction (2021-22)



BE IV At Rajivnagar Sip (2021-22)



BE II At Mambagar Bridge Site (2019-20)

## HIGHER EDUCATION



## PLACEMENT



## CIVIL ENGINEERING DEPARTMENT

### FACULTY OF TECHNOLOGY AND ENGINEERING

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

KALABHAVAN, VADODRA-390001, GUJARAT, INDIA

PHONE NO :- 0265-2434186



## VISION

To emerge a centre of Excellence in Civil Engineering Education, Research, and Innovation for Sustainable Development to create societal impact.

## MISSION

1. Promote Ecosystem for academic excellence and innovative research in Civil Engineering.
2. Foster Collaboration in various fields of Civil Engineering with institutes, industries and alumni.
3. Contribute towards holistic and sustainable development

## ESTABLISHMENT

Bachelor of Civil Engg: 1949

Master of Civil Engg: 1956

## RESEARCH FUNDING AGENCIES

- DST-PURSE, GUJCOST, DST-FIST, ISRO, Dept. of Climate Change.

## COURSE

## INTAKE

Bachelor of Engineering (Civil)	138
Master of Engineering (Environmental Engineering)	23
Master of Engineering (Hydraulics Structures)	23
Master of Engineering (Highways and Transportation Engineering)	23

## INFRASTRUCTURE

Classrooms: 12	Drawing Halls: 03
Laboratories: 05	Seminar Hall: 01
Conference room: 01	

## FACULTY MEMBERS

Teaching Staff: 31	Tech. Staff: 07
Teachers with Ph.D: 15	Class IV: 05

## DOCTOR of PHILOSOPHY

Ph.D awarded: 03	Ph.D (Pursuing): 10
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## PUBLICATIONS & PATENTS

- Number of papers published in SCOPUS/ web of science/UGC-CARE Journals: 65
- Number of articles in proceedings/Books: 23
- Citations: 639
- H-Index: 13
- i-10 index: 19
- Awards received by Staff: 03
- Patent (Granted): 01

## MAJOR EQUIPMENTS

HPLC system	Gas Chromatograph
TOC analyzer	Total Stations
Los Angeles Abrasion M/C	Digital MARSHALL Testing Machine

# RESEARCH AND CONSULTANCY

## MAJOR RESEARCH AREAS

### ENVIRONMENTAL ENGINEERING

- Water treatment
- Wastewater treatment
- Electrochemical and Photocatalytic Process
- Low-cost treatment processes
- Environmental Monitoring and assessment

### HYDRAULIC STRUCTURES

- Optimization of Water Resources System, reservoir Performance
- Flood Related studies
- Climate change studies
- Hydroinformatics

### HIGHWAY AND TRANSPORTATION ENGINEERING

- Traffic flow analysis
- Transportation Infrastructure Planning and Appraisal
- Public Transport Management.

## STUDENTS' INVOLVEMENT

- Footprints, Paramarsh
- PRERNA, NCC
- Awards received by Students: 03

## CONSULTANCY & TESTING REVENUE

Number of consultancy Projects: 13  
Revenue from consultancy: Rs. 60.29 Lakhs

## RESEARCH PROJECTS

- Number of Research Projects: 08
- Total Research funding: Rs. 1.74 Crore

## PROFESSIONAL TESTING

- Water and wastewater quality.
- Ambient Air and Stack Emissions.
- Solid and Hazardous Waste.
- Treatability studies.
- Aqueous organic compounds by HPLC and GC-FID.
- Aggregate testing
- Bitumen testing
- Bitumen mix design
- Pavement performance & Evaluation analysis

## OUTREACH & RECOGNITION

- Member of the Core Committee for the implementation of remedial measures of Ground Water Quality for Waluj MIDC Area, Aurangabad, constituted by Maharashtra Pollution Control Board, 2015-2020.
- Expert Member of a committee for assessment of quantum of damages to the Environment by M/S Utech Sugar [in compliance of order date 02nd august, 2018 of Hon'ble National Green Tribunal], 2018.
- Expert Member of a committee to prepare a report on Explosion at M/S. UPL Ltd (Unit-5), GIDC Jhagadia, Gujarat, in compliance of order dated 25/02/2021 of Hon'ble National Green Tribunal], 2021
- Expert Member of a Joint Task Force constituted by Hon'ble Gujarat High Court to control pollution in River Sabarmati, 2021

# MAJOR EQUIPMENTS AND TEACHING FACILITY

