



योग: कर्मसु कौशलम्

Darshan
UNIVERSITY

B.Tech.
CIVIL ENGINEERING



A
technical
under-graduate
program

that builds the **future**
on the foundation of **excellence**
in the field of
Civil Engineering

B.Tech Civil Engineering

The civil engineering department focuses on the strong foundation of civil engineering concepts such as structures, water resource, transportation, environment, etc. The state of the art laboratories accredited by NABL facilitate the teaching-learning process and help students imbibe the theoretical concepts, their real-time implications, and their applications along with the industrial training and visits at various sites. The faculty members carry extensive academic, research and consultancy activities involving students in the program to make them industry ready and ready to face any challenges on civil engineering aspects for better tomorrow.

Department of Civil Engineering believes that **“Real engineering means: Institute Knowledge with Industrial Experience”**. Our ancient Sanskrit, "योग: कर्मसु कौशलम्" also supports the same.

Admission: 90 Seats, Tution Fees Rs. 40,500/-* per semester. State quota seats shall be filled by ACPC and management seats shall be filled by the university as per inter-se-meritlist.

Continuing Education

The department has set up a continuing education programs in different semesters to train and upgrade the students to fulfill industrial needs. Some of the feathers of continuing education are;

- | | |
|--|--|
|  CADD Computer Software Training |  Planning and Drawing Understanding |
|  Measurement/Quantification Skill Development |  Engaging Students to Live Projects |
|  GATE Coaching Guidance |  Basic Training: Construction Supervision |
|  Civil Engineering Carnival |  Guidance for Govt. Jobs Preparation |

Earn While You Learn

The department provides an opportunity to students for earning while learning. Under this program, students can participate in different consultancy works like Material Testing, Traffic Survey, etc...

115+ Projects Completed

290+ Students Participated

Co-Curricular Activities during A.Y. 2019-20

24 Expert Lectures

17 Workshops

8 Industrial Visits

8 Seminars

B.Tech @ DARSHAN UNIVERSITY

- Highly Qualified, Well Experienced, Industry Linked, Dedicated Faculties.
- A strong theoretical foundation for crystal clear fundamentals.
- Focus on project-based learning with applications of technologies in real life.
- Exposure to cutting-edge technologies through seminars and workshops.
- Field training to prepare industry ready students.
- *Earn While You Learn* program transforms a student into an entrepreneur.
- Highest Placement (head count wise) in Gujarat since 2017.



Syllabus

Semester-1

- Mathematics - I
- Environmental Studies
- Surveying - I
- Basics of Electrical Engineering
- Engineering Drawing
- Office Automation tool

Semester-2

- Basics of Mechanical Engineering
- Indian Constitution
- Mechanics of Solids
- Science for Civil Engineering
- Mathematics-II
- Communicative English

Semester-3

- Building Construction and Materials
- Civil Engineering drawing and Planning
- Surveying-2
- Structural Analysis-1
- Fluid Mechanics & Hydraulics
- Life Management

Semester-4

- Construction Technology
- Concrete Technology
- Engineering Hydrology
- Structural Analysis-2
- Basics of Geology & Geotechnical Engineering

Semester-5

- Environmental Engineering
- Elementary structural Design
- Highway Engineering
- Water and Waste water Engineering
- Software Application for Civil Engineering

Semester-6

- Design of Reinforced concrete structures
- Professional Practice and valuation
- Railway, Airport and Harbour Engineering
- Irrigation Engineering
- Elective -1
 - Earthquake Engineering
 - Pavement Design & Highway Construction
 - Solid waste management
 - Advanced Geotechnical Engineering

Semester-7

- Construction Project Management
- Foundation Engineering
- Design of Steel structures
- Elective-2
 - Traffic Engg. & Transportation Planning
 - Repair and rehabilitation of structures
 - Design of Hydraulic structures

Semester-8

- Field Training

Glimpse of Skill Development Activities



Training of Total Station



Training of Earthquake Behaviour



Measurement of PM 2.5



Practice on Foundation Layout



Planning & Drawing Understanding



Construction Supervision Practices

Placement @ Glance

	2018	2019	2020	2021*
Registered >	91	98	70	102
Placed >	73	65	65	60*
Placed Percentage >	80.21%	66.32%	92.85%	58.82%
No. of Companies >	45	54	64	50

*The Placement of Batch 2021 is just started in May-2021

Top Recruiters @ DU



Darshan Consultancy Cell

Government Approvals



Glimpse of Work completed

950+	465+	175+	110+	105+	60+	55+
Material Testing	Environment Audit	Concrete Mix Design	Bituminous Mix Design	Soil Bearing Capacity Jobs	Structural Consultancy	Pavement Designs

Esteemed Clients



Darshan
UNIVERSITY

योग: कर्मसु कौशलम्

University Campus

📍 Rajkot-Morbi Highway, Rajkot – 363650 📞 9727747316

Counseling Centre

📍 401, Lotus Arcade, 8 - Royal Park, 150 Ft. Ring Road, **Rajkot**

📍 Galaxy Plaza, Nr. Umiya Circle, Opp. Bajaj Showroom, **Morbi**

📞 8758937738, 9512006361 🌐 www.darshan.ac.in