



Diploma
program
that builds the excellency
with skill and practical oriented
foundation in the field of
Civil Engineering

# 🙏 Civil Engineering

Civil Engineering is the discipline that applies the principles of engineering, physics and material science for the design, analysis, construction and maintenance of civil structures like roads, bridges, canals, dams and buildings. It is the oldest branch in the history of humankind. The civil engineer gets a job in the government organization (Municipal Corporation, R&B, GWSSB, GSSSB, Revenue Department, etc.), MNCs (Reliance, Essar, L&T, etc.) and they can also start own business of Planning, Consultancy, Material Testing, Surveyor, Contracting, etc.

# 🗖 Diploma Engineering in Civil @ DU

- 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.
- NABL accredited state-of-art laboratories.
- An interactive relationship is maintained between staff and students to develop a sound foundation.

# Syllabus (As per NEP-2020)

### Semester-1

- Environmental Studies
- Mathematics I
- Civil Engineering Workshop I
- · Engineering Drawing
- English
- Induction Program
- · Construction Material

### Semester-2

- Mathematics II
- Engineering Physics
- Civil Engineering Workshop II
- Engineering Mechanics
- Indian Constitution
- Building Drawing

### Semester-3

- Office Automation Tools
- · Computer Aided Drafting
- Construction Technology
- Structural Mechanics
- Surveying
- Fuild Mechanic

### Semester-4

- Indian Knowledge System
- Advanced Surveying
- Concrete Technology
- Construction Project Management
- · Quantity Survey & Valuation
- Open Elective I

### Semester-5

- Life Management & Human Values
- Career Orientation
- Soil Mechanics
- Summer Internship / Project
- Professional Elective I
  - Building Services
  - Structural Analysis
- Professional Elective II
  - Water Resources Engineering
  - Transportation Engineering
- Open Elective II

### Semester-6

- Elementary Structure Design
- Capstone Project
- Professional Elective III
  - Construction Quality Control & Monitoring
  - Water Supply & Sanitary Engineering

"Education is the most powerful weapon which you can use to change the world."

Nelson Mandela

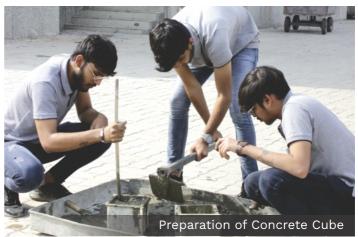


# **Skill Development Activities**

















# **Gold Medalists**



**Dhyey Limbasiya** 156620306049 BATCH 2015-18



Harsh Bangoriya 166620306001 BATCH 2016-19



Bhargav Raghvani 186620306050 BATCH 2018-21



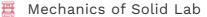
Mit Mehta 196620306027 BATCH 2019-22



**Dhir Mehta** 206620306002 BATCH 2020-23

# **Cutting Edge Laboratories**

- Transportation Engineering Lab
- Geotech Lab
- Surveying Lab
- Environmental Lab



**Building Construction Lab** 

Concrete Lab

Structural Analysis Lab



# Darshan Consultancy Cell

## **Government Approvals**













## Glimpse of Work Completed

1350+

Material Testing

550+

Environment Audit

270 +

Concrete Mix Design 180 +

Bituminous Mix Design

180 +

Soil Bearing Capacity Jobs 90 +

Pavement Design

80 +

Structural Design

45 +Traffic Survey

### **Esteemed Clients**







































### **University Campus**

- Rajkot-Morbi Highway, Rajkot - 363650.
- 9727747310 / 11
- www.darshan.ac.in

### **Counseling Centre**

- 9 401, Lotus Arcade, 8 Royal Park, Between KKV Circle & Indira Circle 150 Ft. Ring Road, Rajkot - 360005.
- **9033151523**, 8905939980