



# Department of Civil Engineering

# **Dayalbagh Educational Institute**

(Deemed to be University), Dayalbagh, Agra-282005

Year of Establishment 2013

NAAC Accredited: A+ (2019)

Ranked 101 in NIRF 2023

ISO 21001:2018

# **PROGRAMS OFFERED**

Bachelor of Technology in Civil Engineering

Specialization

- Architectural Technology
- Computer Science

Master of Technology Doctor of Philosophy

# **VISION**

To become a leading Civil Engineering Department by fostering a collaborative and stimulating environment of academic and student excellence with the goal of selfless service to humanity

# **FACULTY PROFILE**

Prof. Sanjay Srivastava

Head, Civil Engineering Department M. Tech. & PhD, DEI



Ms. Krishma Yadav

M.Tech. Environmental Sciences & Engg. **IIT ISM Dhanbad** 



M.Tech. Atmospheric & Ocean Sciences



Dr. Ishant Singhal PhD, DEI IIT Delhi



Mr. Chandra Mohan

Dr. S. Suresh



Mr. Devesh Jaysawal

Mr. Randeep Lohra

NIT, Hamirpur

M.Tech. Transportation Engg. NIT Panta

M.Tech. Geotechnical Engineering



Mr. Mohd Sharique Ahmad

Prof. V. Soami Das

M.Tech. IIT Madras

PhD, IIT Madras

M.Tech. Structural Engineering, NIT Jalandhar





Ms. Divyanshi Sharma

M.Tech. Structural Engineering



Ms. Priyanka Chauhan

M.Tech. Engineering Systems



M.Tech. Structural Engineering



#### Ms. Neerja Singh





M.Tech. IIT Roorkee

B.Tech. NIT Jamshedpur Retd. Superintendent Er. UPPWD.

PhD, Hydraulics, Madras University,



#### **HIGHLIGHTS**

- Several R&D projects supported by DST, MHRD, TEQIP, AICTE and UGC have been completed successfully and more are underway.
- Department is equipped with latest state of art equipment like Differential GPS, Total Station, Water Analyzer, Digital Flame Photometer, UTM, Standard Penetration Test, UCS, CBR, and Marshall Test; and latest software like ANSYS, STAAD Pro, Global Mapper etc.
- Department has launched the BIS Club, financially supported by the Bureau of Indian Standards (BIS), to organize a variety of activities for students focused on quality and standardization learning experiences.
- Department is a nodal centre for the IIRS (Indian Institute of Remote Sensing) Online Training Program, aiming to enhance human resources in Remote Sensing.
- Department has student chapters of Indian Green Building Council and Institution of Engineers.

#### **STUDENT ACHIEVEMENTS**

- Several students have qualified national level competitive exams like GATE, SSC, UPPSC, L&T Exam etc.
- Significant number of students are pursuing higher studies in premier institutes like IISc, IITs, NITs, University of Maryland etc.
- Several students receive direct placement after the successful completion of their 5 months co-op internship training, and they complete their remaining course work through distance mode.
- "Earn while You Learn" scheme provides opportunities to students to work in R & D projects, consultancy work etc.
- Students participate in real life civil engineering projects in nearby local sites as part of social outreach programs
  - Levelling & contouring of Lands
  - Canal design
  - Structural design of buildings
  - Soil & water testing

#### **INDUSTRY BASED LEARNING**

As part of curriculum, students take up five months internship training in various reputed organizations and Industries after the completion of 3rd year. Some of our internship partners are

- NTPC: National Thermal Power Corporation
- DMRC: Delhi Metro Railway Corporation
- NHAI: National Highway Authority of India.
- NPCIL: Nuclear Power Corporation of India
- L&T: Larsen & Toubro.
- AAI: Airport Authority of India.
- NBCC : National Buildings Construction Corporation
- Ultratech Cements Ltd.
- PWD: Public Works Department.
- UNICCA EMPORIS, ADANI GROUP
- AADHARSHILA
- PNC Infratech Limited.
- SADBHAV Engineering Limited.

#### SKILL BASED LEARNING

#### **Work Experience Courses**

2nd year students get hands on skill in maintenance of structures

# Product Manufacturing Projects (PMP)

2nd year students design products to solve engineering problems and check the technical feasibility and financial viability

# Practical Training & Survey Camp

3rd year students take up industrial visits and survey of agricultural fields or nearby areas of the institute

# Design Engineering/ Theme Development Project (DETD)

3rd year students conceptualize, design and and/or solve real manufacture products engineering problems

# Rural Engineering Project

4th year students undertake projects related to establishment of small scale industries

# Civil Engineering Project

4th year students undertake project work in different areas of specialization like CAD, FEM, Simulation, Smart Homes, Sustainable and Energy Efficient Technologies, Town Planning etc.



Survey Camps held At Anupam Upvan



**Exhibition of PMP and DETD projects on Founders Day** 



**Work Experience in Bamboo Construction** 



**Exhibition of Rural engineering Projects** 



Solar Tracker Optimzation Concrete 3D Printer



#### CONSULTANCY

The Department of Civil Engineering is actively involved in industrial consultancy. This includes Technical Consultancy as well as Material Testing Consultancy. Technical consultancy involved structural design & drawing of buildings, roads and retaining wall, vetting of design and drawings, structural audit etc. Whereas Material testing consultancy encompassed tests of cement, sand aggregate, bricks, soil, concrete mix design and water.

#### The major clients include























#### **PLACEMENT PARTNERS**





























#### **ACHIEVEMENTS**

Year	GATE	Studen
	Qualified	Placed
2017	20	29
2018	32	30
2019	12	27
2020	24	10
2021	18	11
2022	17	18

# Contact

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