

Thapar Institute of Engineering and Technology Patiala

(Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)

Civil Engineering Department :: PhD Vacancy Positions for 2026 JULY Admissions

S.No.	Name of Faculty Member	Designation	Vacancies (No of Candidates)	Areas of Specialization
1	Dr. Shweta Goyal	Professor & Head	1	Corrosion monitoring and prevention, Sustainable Concrete, Accelerated carbonation curing, repair materials
2	Dr. Shruti Sharma	Professor & DoAA	3	Structural Health Monitoring, Composites in Construction, Sustainable Construction, Corrosion Monitoring- Prevention and Rehabilitation
3	Dr. Rafat Siddique	Sr. Professor & DoSI	4	By-Products, Sustainable Construction Materials
4	Dr. Naveen Kwatra	Professor & COE	4	Structural Health Monitoring, Repair and Retrofitting of Structures, Wind and seismic effects on structures, 3D printed structures
5	Dr. Prem Pal Bansal	Professor	2	Repair and Retrofitting of Structures, Ultra High Performance Concrete, Fiber reinforced concrete, Development of Sustainable concrete using waste
6	Dr. Dwarka Nath Ratha	Professor	2	Water Resources Management, Groundwater and Surface water hydrology, Contaminant transport, Flood risk analysis, Environmental hydraulics, Water quality modeling
7	Dr. Richa Babbar	Professor	1	Hydraulics, environmental hydraulics and water resources Engineering
8	Dr. Sarbjit Singh	Associate Professor	1	Irrigation & Hydraulics
9	Dr. Tapas Karmakar	Associate Professor	2	River hydraulic/ water resources engineering/river training works/remote sensing applications and environmental engineering, environmental hydraulics, Flood inundation modeling
10	Dr. Gurbir Kaur	Associate Professor	On Leave	Structural Materials
11	Dr. Danie Roy A. B.	Associate Professor	3	Sustainable and Waste-Derived Construction Materials, High-Temperature Behavior and Fire-Damaged Concrete Systems, Structural Strengthening and Rehabilitation, Advanced and Composite Structural Systems, Composite Boards, Mineral-Based Protective Coating
12	Dr. Himanshu Chawla	Associate Professor	3	Sustainable Concrete/mortar using industrial and agriculture waste, Structural strengthening and Rehabilitation using advance composite materials, Sandwich panels, and Composite Structures, Finite Element Modeling of Structures
13	Dr. Trishna Choudhury	Associate Professor	2	Seismic performance and vulnerability assessment of structures, Nonlinear performance of structures, Experimental and numerical assessment for Seismic vibration control, Use of smart materials in repair and rehabilitation of RC structures
14	Dr. Tanuj Chopra	Assistant Professor	0	Pavement Engineering
15	Dr. Heaven Singh	Assistant Professor	2	Sustainable Construction Materials, Corrosion of Structures, Finite Element Modeling, Retrofitting of Structures
16	Dr. Aditya Parihar	Assistant Professor	2	Sustainable retaining wall systems, Slope stabilization, Smart foundation systems,
17	Dr. Manpreet Singh	Assistant Professor	1	Materials in Transportation Engineering
18	Dr. Kumari Monu	Assistant Professor	0	Pavement materials
19	Dr. Pratik Tiwari	Assistant Professor	3	Composite structures, retrofitting of RCC structure, natural fiber composite, computational mechanics
20	Dr. Vivek Gupta	Assistant Professor	0	Waste characterization and utilisation in building/ pavement materials Computer application for construction industry's challenges
21	Dr. Abhinay Kumar	Assistant Professor	0	Pavement Engineering, Pavement Preservation, AI/ML in Pavement Engineering, Asphalt Chemistry
22	Dr. Dattar Singh Aulakh	Assistant Professor	4	Vibration based monitoring, physics based machine learning for monitoring of structures, smart materials for sensing solutions, smartphone based monitoring of structures, digital twins for SHM
23	Dr. Shashank Chandra	Assistant Professor	2	Structural Fire Engineering; Repair and Retrofitting of Structures; Durability of Concrete Structures; Condition Assessment of Structures; Earthen Structures