

## DEPARTMENT OF CIVIL ENGINEERING

# Ph.D. ADMISSIONS MONSOON 2026



### RESEARCH AREAS

- Environmental Engineering
- Geotechnical Engineering
- Structural Engineering
- Transportation Engineering
- Water Resources Engineering

### Multi-Disciplinary Areas

- Building Physics and Energy Efficiency
- Disaster Management
- Remote Sensing and GIS
- Smart Agricultural Water Management

### EXCELLENT FINANCIAL ASSISTANCE

#### Full-time Ph.D.:

- Monthly stipend: ₹45,000 (Years 1-2) & ₹50,000 (Years 3-5)
- ₹1,50,000 Research grant for conference travel

### ELIGIBILITY

- M.Tech./M.E. in relevant discipline with a minimum of 60% or 6 out of 10 CGPA.
- OR
- M.Sc. in relevant discipline with a minimum of 65% or 6.5 out of 10 CGPA.
- OR
- B.Tech. in Civil Engineering or equivalent degree in engineering with a minimum of 75% or 7.5 out of 10 CGPA.
- For detailed eligibility criteria visit: <https://bit.ly/41qmPII>

### SELECTION PROCESS

- PG / UG students in their final semesters are encouraged to apply.
- Written test and Technical interview (Candidates with valid GATE score are exempted from written test).

**LAST DATE TO APPLY: 30 JUNE, 2026**

### RESEARCH LABORATORIES AND FACILITIES

#### PG-Research Laboratories

- Advance Materials and Building Energy Laboratory
- Air Quality and Sampling Laboratory
- Disaster Management Laboratory
- Fracture and Fatigue Laboratory
- Intelligent Geosystems Laboratory
- Theoretical and Computational Geomechanics Laboratory
- Water Management Field Laboratory

#### UG and PG-Research Laboratories

- Concrete Technology Laboratory
- Civil Engineering Computing Laboratory
- Environmental Engineering Laboratory
- Geoinformatics Laboratory
- Hydraulic Engineering Laboratory
- Transportation Engineering Laboratory

#### UG Laboratories

- Experimental Soil Mechanics Laboratory
- Fluid Mechanics Laboratory
- Strength of Materials Laboratory

### FOR MORE INFORMATION, VISIT

**Department of Civil Engineering Website**  
<https://snu.edu.in/schools/school-of-engineering/departments/department-of-civil-engineering/>

For queries, write to:

**DR. HITESH UPRETI** | [hitesh.upreti@snu.edu.in](mailto:hitesh.upreti@snu.edu.in)

APPLICATION LINK:  
[CLICK HERE](#) OR SCAN  
THE QR TO APPLY



# SHIV NADAR

INSTITUTION OF EMINENCE DEEMED TO BE  
UNIVERSITY

DELHI NCR

## DEPARTMENT OF CIVIL ENGINEERING

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## FACULTY PROFILES AND RESEARCH INTERESTS



### DR. ATRI NATH

Assistant Professor, PhD IIT Kharagpur  
**Specialization:** Structural Engineering, Computational mechanics, Fatigue and fracture, Material modeling



### DR. GHANSHYAM PAL

Associate Professor, PhD University of Mississippi, USA  
**Specialization:** Structural Engineering, Building physics, Novel cementitious composites, Multiscale numerical modelling



### DR. GOPAL DAS SINGHAL

Associate Professor and Associate Head, PhD IIT Roorkee  
**Specialization:** Water Resources Engineering, Hydraulic structures, River hydraulics, Smart agricultural water management



### DR. GYAN VIKASH

Associate Professor and Head, PhD IIT Kanpur  
**Specialization:** Geotechnical Engineering, Computational geomechanics, Constitutive modeling of geomaterials, Physics based – data driven modeling



### DR. HITESH UPRETI

Associate Professor, PhD IIT Roorkee  
**Specialization:** Water Resources Engineering, Drone and satellite remote sensing in agriculture and water resources, Irrigation water management, AI in agriculture



### DR. JAGABANDHU DIXIT

Associate Professor, PhD IIT Bombay.  
**Specialization:** Earthquake Engineering, Natural hazards and disaster risk reduction, Disaster mitigation and emergency management



### DR. MANOJ KUMAR SINGH

Assistant Professor, PhD IIT Delhi  
**Specialization:** Indoor Environmental Quality (IEQ), Adaptive Thermal Comfort and Sustainable Building Design, Machine Learning Applications in Bioclimatic Building Design, Net-Zero and Decarbonization of Buildings, Future climate-proofing of Buildings



### DR. NITIN BURUD

Assistant Professor, PhD IISc Bangalore  
**Specialization:** Structural Engineering, Fracture and Fatigue in Materials, Non-destructive Testing, Structural Health Monitoring, Statistical Data Analysis and Machine Learning, Building Information Modelling



### DR. SAILESH NARAYAN BEHERA

Professor, PhD IIT Kanpur  
**Specialization:** Environmental Engineering, Air quality monitoring and aerosol modeling, Pollution studies: water-air-soil interactions



### DR. SHALINI RANKAVAT

Associate Professor, PhD IIT Delhi  
**Specialization:** Transportation Engineering, Transport planning and policy, Traffic safety, Public transport and NMV planning



### DR. SUMEDHA MOHARANA

Associate Professor, PhD IIT Delhi  
**Specialization:** Structural Engineering, Piezoelectric impedance based structural health monitoring, Smart materials, Concrete durability



### DR. SUSANT KUMAR PADHI

Associate Professor, PhD IIT Guwahati  
**Specialization:** Environmental Engineering, Biological & physio-chemical processes, Wastewater treatment, Solid waste management