

Faculty Name: Prof. Debabrata Debnath

Designation: Assistant Professor, Sandip Institute of Technology and Research Centre, Nashik

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BIO: Prof. Debabrata Debnath is currently working as an Assistant Professor in the Department of Civil Engineering at Sandip Institute of Technology and Research Centre, Nasik. He has 3 years of teaching experience and 3 Years of industry experience. He worked in various reputed organizations like Gammon India Ltd., Larsen & Toubro Limited, Bengal college of Engineering and Technology.

Qualification:

1. B. Tech (Civil Engineering)
2. M. Tech (Geotechnical Engineering)
3. PhD. (Geotechnical Engineering)

Experience:

1. Teaching experience : 3 years
2. Industrial experience : 3 years

Civil Consultancy:

1. Site Investigation and Soil Testing– soil sampling, and testing (e.g., SPT, PLT). Laboratory testing for properties like shear strength, compaction, and permeability
2. Geotechnical Analysis and Design– Bearing capacity and settlement analysis. Slope stability analysis and landslide mitigation. Design of foundations (shallow, deep, and special types like pile or raft foundations). Retaining wall and earthworks design
3. Geohazard Assessments- Earthquake risk assessment and liquefaction studies. Mitigation of landslides and rockfalls.
4. Environmental and Sustainability Services– for Cement Concrete Road Projects
5. Construction Supervision and Quality Assurance- Monitoring site excavation, foundation installation, and earthworks.
6. Quality control of geotechnical materials.