



Diksha Dutta

Civil Engineer and Geotechnical Engineering Specialist

Highly motivated, a true spirit of Teamwork with self confidence, discipline and Hard work. Possessing a profound leadership quality in aim to motivate the colleagues.

✉ dikshadutta1401@gmail.com
🏠 Allupatty Naharkatia
Namrup - 786610
Dibrugarh, Assam
📅 Date of birth 14/01/1999
🇮🇳 Indian
📞 8011482070

Education

M.Tech in Geotechnical engineering (CIVIL ENGINEERING) — [Tezpur University](#) Tezpur

From September 2020 to July 2022
Obtained a CGPA of 9.24

B.Tech in Civil Engineering — [Central Institute of Technology](#) Kokrajhar, India

From July 2016 to August 2020
Obtained a CGPA of 8.63

Class XII — [Kendriya Vidyalaya](#) Namrup

From April 2014 to March 2016
Obtained a Percentage of 85%

Class X — [Kendriya Vidyalaya](#) Namrup

From March 2004 to March 2014
Obtained a CGPA of 10.0

Work experience

Assistant Professor — [The Assam Royal Global University](#) Guwahati

Since March 2023
Department of Architecture and Department of Interior Design

Supervisor (Civil) — [DESKHUB](#) Guwahati

From August 2021 to February 2023
Successfully managed and supervised a team of construction professionals, ensuring projects were completed on time and within budget.
Provided expertise in civil engineering, including project planning, design, and execution, resulting in the successful completion of construction projects.
Effectively communicated with clients, contractors, and team members, fostering positive working relationships and ensuring smooth project execution.

Building planning and design — [Vaanahaa](#) C.I.T Kokrajhar

May 2019
building design with ARCHICAD, SAP, ETABS

Intern — [PHE Department Govt of Assam](#) Guwahati

From June 2019 to July 2019
A clear representation of water distribution system

Intern — [Indian Oil Corporation Ltd](#) Guwahati

January 2019
Brief study on sewage system, water distribution, fire safety rules and measures

Diploma — [Autocad](#) Dibrugarh

July 2018
Drawing of 2d and 3d architecture

Intern — [CPWD \(Central Public Works Department\) Bongaigaon](#) Guwahati

July 2018
Building design and super elevation concept, building estimation

Languages

English

Hindi

Assamese

Research Papers and Journals

Effect of Antecedent Rainfall on Slope Stability- A Case Study of Haflong Hill, North East India

Deka, A., Daulagupu, R., Brahma, H., Lodger, H., Dutta, D.
[Journal of the Geological Society of India](#), 96, pages394-398 (2020),
<https://doi.org/10.1007/s12594-020-1568-z>, October(2020).

One-Dimensional Ground Response Analysis to Arrive at Surface Peak Ground Acceleration

—A Case Study of Golaghat District in Assam
A.F. Siddique, D. Dutta, A. Deka
[Lecture Notes in Civil Engineering](#) book series (LNCE, volume 117), 10.1007/978-981-15-9984-2_10, April (2021).

Assets

Communication Skills

Time Management

Leadership

Problem Solving

Interests

Writing Poetry

Reading Novels

Painting

Singing

Additional Certifications

Diploma in painting

Awarded Ankan-Ratna in the final year.

National Best Speaker

Youth Parliament Competition
Organized by
Ministry of Parliamentary Affairs

Computer skills

Microsoft Office

Autocad

ArchiCAD

STAADPro

SAP and ETabs

Research Interest

Ground Improvement Techniques

Application of Geosynthetics for Stability in Structures

Geo environmental approach for Building Structures

Slope stability and use of soil reinforcement in earth retention

Faculty Development Programme attended

Completed 5 day FDP on "Inculcating Universal Human Values in Technical Education organised by All India Council of Technical Education (AICTE) from 1-5th of May 2023

Completed One week Faculty Development Program on Review on Research in Civil Engineering from 10th- 15th of July 2023

Workshop and Seminars attended

Attended 6 days Workshop on Building Planning Design and Analysis 6-11 May 2019

Attended seminar on Entrepreneurship (Sambhav), 19 th May 2022

Attended seminar on Ground improvement Techniques on World environment day organised by Gauhati University 5th June 2023