



SOMDEEP KUNDU

CIVIL ENGINEER, B. TECH

DATE OF BIRTH – 17TH JULY, 1995

EDUCATION

South Eastern Railway Boys' Higher Secondary School, Adra

Secondary (WBBSE) – 2012 score - **85.14%**
Higher Secondary (WBCHE) – 2014 score – **66.20%**

Calcutta Institute of Technology, Howrah

Bachelor of Technology - Department of Civil Engineering

(Maulana Abul Kalam Azad University of Technology, West Bengal) - 2018

Semester wise SGPA - 1st - 7.00, 2nd - 7.72, 3rd - 7.97 ,4th - 7.50, 5th - 7.88, 6th - 8.00, 7th - 8.52, 8th - 8.57

Overall Score (DGPA) - **7.97**

Indian Institute of Remote Sensing, Dehradun (ISRO Centre)

Post Graduate Diploma – Remote Sensing and Geographic Information System (GIS)

Department of Natural Hazards & Disaster Risk Management – 2023

GPA-7.92

Participation in – Cloud Based Google Earth Engine Workshop, Presentation in ISRO Akash Tatva Conference and Environment Day 2023, Volunteered as student coordinator in ISRO YUVIKA Workshop(Beautiful interaction with young minds about space and time).

Lifetime member of **Indian Society of Remote Sensing**, Dehradun Chapter.

TRAINING EXPERIENCE

RITES Limited - Construction Site Engineer. Jan-Feb, 2017

At Salt Lake Sector V, on the construction of Bose Institute New Campus building (G+16) under RITES Limited.

Quick Career - Certificate Course in AutoCAD Apr-Sep, 2017

Got A grade from an ISO 1901 Certified Course in 2D and 3D at Park Street main branch of the academy.

B. tech Final Year Project: G+4 residential green building (with rainwater harvesting system) according to 4-star GRIHA rating (With group, personally handled the AutoCAD 3D modeling)

PGD Project: Model Based Polarimetric Decomposition and Soil Moisture Retrieval from Fully Polarimetric L band(λ -24cm) Synthetic Aperture Radar (SAR) data.

Cloud Computing Workshop: Aug- 2023

Certification course on advanced Google Earth Engine, **Creating Publication Quality Charts with GEE** by Ujaval Gandhi, **Spatial Thoughts**

TECHNICAL SKILLS.

AutoCAD 2D, 3D, Blender 3D.

Python, JavaScript (Google Earth Engine), QGIS, SNAP, PolSARPro, MIDAS

JOB EXPERIENCE

Civil Site Engineer in **Flipkart** 100-acre **warehouse** project at **Haringhata**

Industrial Park near Kalyani, WB in **Progressive Endeavors Pvt. Ltd.** (Project is by Shapoorji Pallonji Group, and our company was working as subcontractor for soil and road related works) 2019-2020

AutoCAD and **BIM** freelancer. 2018-2022

EXTRACURRICULAR ACTIVITIES

6 years certificate course in **Painting** and

5 years certificate course in **Recitation** from **Bangiya Sangeet Parishad** (From 2003-2009)

I hereby declare that all statements made herein are true to the best of my knowledge and belief.

Date: 24.11.2023

Place: Adra, Purulia, West Bengal

PROFILE

Hello, I'm Somdeep Kundu.

Passionate about building a sustainable future, I transitioned from Civil Engineering to Disaster Mitigation and Management. Recognizing the potential of remote sensing, leveraging its capabilities to revolutionize climate mitigation efforts and create resilient societies.

CAREER OBJECTIVE:

To understand the spatial extents of natural systems.

PRESENT STATUS:

At home.

Trying to understand Microwave Remote Sensing, exploring the beautiful realm of SAR Polarimetry.

Preparing for GATE 2024-Geomatics Engineering

CONTACT

HOME ADDRESS:

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Mission Para, Adra, Purulia, West Bengal

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HOBBIES

Poetry, Earth Observation and Climate Justice.

Languages:

Bengali, Hindi, English