

# Anurag Handique

## PERSONAL DATA

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Place and Date of Birth: Golaghat, Assam, India | 05 November 1993

Address: Barpathar, Golaghat, 785602, Assam, India

Phone: +91 7896042115

Email: anhandique@gmail.com

## CAREER OBJECTIVE

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My career objective is to contribute to the field of engineering and research by being a part of an esteemed organization where I can share and enrich my knowledge.

## EDUCATION

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July 2019-Current: Ph.D. in Civil Engineering

**Indian Institute of Technology Guwahati**

**CPI: 9.77 (Coursework)**

**Supervisors:** Prof. Arup Kumar Sarma

Prof. Rajib Kumar Bhattacharjya

May 2019: Master of Technology

**National Institute of Technology, Rourkela, Odisha**

**Major:** Water Resources Engineering

**Thesis:** "Effect of Secondary Flow in computation of Boundary Shear Stress."

**Supervisor:** Prof. Kishanjit Kumar Khatua

**GPA:** 9.33

May 2016: Bachelor of Engineering in Civil Engineering

**Jorhat Engineering College, Jorhat, Assam**

Percentage: 77.2

March 2012: Intermediate in SCIENCE

**Salt Brook Academy, Dibrugarh, Assam**

Percentage: 78.8

March 2010: Matriculation

**Barpathar Higher Secondary School, Barpathar, Golaghat**

Percentage: 87.33

## PROJECTS AND WORK EXPERIENCE

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**Indian Institute of Technology Guwahati:** Teaching Assistant (2019-Present)

**National Institute of Technology, Rourkela:** MTech Thesis

Effect of Secondary Flow in computation of Boundary Shear Stress.

**Oil and Natural Gas Corporation Limited:** 1 Month

Construction of accommodation and other allied civil works for CISF/ONGC personnel at Cinamara, Jorhat

**Guwahati Municipal Corporation:** 15 Days

Multi-storeyed building and Drainage Construction

**Brahmaputra Valley Fertilizer Corporation Limited:** 15 Days

Study of different civil works undergoing at BVFCL, Namrup

## TECHNICAL SKILLS

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Programming Tools: Basics of C, MATLAB, Python

Professional Software: Microsoft Office, HEC-RAS, Basics of ARC-GIS, Mendeley

Equipment's Handled: Acoustic Doppler Velocimeter (ADV), Sontek River Surveyor, Current Meter, Constant Temperature Anemometer.

## RESEARCH INTERESTS

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- River Hydraulics
- Eco-hydraulics
- Numerical Modelling
- Experimental Hydraulics
- Computational Fluid Dynamics

## PUBLICATIONS

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- Baruah, A., Handique, A., and Sarma, A. K. (2021). "A coupled approach to investigate the entropy parameter dynamics in open-channel flow with submerged flexible vegetation." *Modeling Earth Systems and Environment*, Springer, 1-12.

## INTERESTS AND ACTIVITIES

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Technology, Quora

Volunteering, Cooking, Travelling, Trekking

Carrom, Tennis, Cricket

## DECLARATION

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I hereby declare that the information provided above are true to the best of my knowledge and belief.

Place: Guwahati

Date: 31/10/2021

Anurag Handique