

Antareep Kumar Sarma,

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Education:

HSLC	2014	<i>Shankardev Vidya Niketan, Biswanath Chariali</i>	95%
HS	2016	<i>Cotton College, Guwahati</i>	94.8%
B. TECH	2020	<i>National Institute of Technology Silchar</i>	9.42 CPI
MS-Research	2021- present	<i>Indian Institute of Technology Madras</i>	--

Experience:

- **Research Intern** at IIT Guwahati under supervision of Dr. Rajan Choudury.
(May-June, 2018)
- **Summer Research Fellow** at IIT Bombay under supervision of Dr. Dharamveer Singh.
(May-July, 2019)
- Worked as an **Executive Committee Member** in Indian Geotechnical Society Silchar Students Chapter (IGSSSC, 2019-20).
- Member of Organizing Team at “7th Indian Young Geotechnical Engineers’ Conference” held at NIT Silchar. (March, 2019)
- Attended and presented at “**Indian Geotechnical Conference, 2019**” (IGC 19) held at SVNIT Surat. (Dec, 2019)
- Attended workshop on “Innovative Construction Materials for Roads & Buildings” (ICMRB,19)

Projects:

- “Performance of Open Graded Friction Course with Steel Slag as its Aggregates” under supervision of Dr. Rajan Choudhury at IIT Guwahati.

- “A Review on Cold Mix Asphalt as a Pothole Patching Material in India” under supervision of Dr. Dharamveer Singh.
- “Stability Assessment of Soil Slopes in Meghalaya, North-Eastern India” under supervision of Ms. Anangsha Alammyan.
- “A State of Art Study on Different Dewatering Techniques for Improvement of Soft Soil” under supervision of Dr. A.K. Dey.

Publications:

- “*Stability Assessment of a Soil Slope in Meghalaya, North-Eastern India*”, [Lecture Notes in Civil Engineering](#), Volume 133 LNCE, Pages 753 - 763 2021 Indian Geotechnical Conference, IGC 2019, Surat, 19 December 2019 - 21 December 2019, 256869

Awards & Achievements:

- Secured **6th** position in state (Assam) in HSLC examination.
- Secured **10th** position in state (Assam) in HS examination.
- “*Anundoram Borooh Award*” for excellence in HSLC examination.
- “*Chief Minister’s One Time Fellowship*” for excellence in HS examination.
- “*Best Innovative Design Award*” for a smart city model at ARCHINOVA-17 at NIT Silchar
- Secured **2nd rank** in Civil Engineering Department in B.TECH.
- GATE 20 and GATE 21 qualified. (**AIR-1117** in GATE 21)

Software & Skills:

- MS Office
- MATLAB
- GeoStudio19
- AutoCAD
- Staad Pro
- Python Programming
- Machine Learning

Hobbies:

- Teaching, playing cricket, casual gaming, travelling, listening songs, helping others.

Other Details:

DOB: 17-04-1999

Parents: Dr. Manoj Kumar Sarma, Mrs. Gitanjali Deka Sarma

Permanent Address: APQ-2A, Biswanath College of Agriculture Campus, Biswanath Chariali, Assam-784176.