

Sowrav Saha

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Gender : Male
DOB : 14/11/1997
Nationality : Bangladeshi
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ABOUT ME

Interested in understanding the connections and interdependence between innovation, culture, people, and the future; not to mention, the constant seeking of experiences bumping me with new people and new stories, because in the end, we are all a sum of the experiences we have lived!



OBJECTIVE

Seeking for a challenging position as a Civil Engineer, where I can use my planning, designing and overseeing skills in construction and help grow the company to achieve its goal.



EDUCATION

B.TECH CIVIL & Infrastructure ENGINEERING | Gujarat Technological University

2017 - 2021

CGPA- 7.93

EQUIVALENT PERCENTILE- 79.3%

INTERMEDIATE | Chaumuhani Govt. S A College

2015 – 2016

Grade- 4.33

EQUIVALENT PERCENTILE- 73.3%

HIGH SCHOOL | Chaumuhani Modon Mohan High School

2013 – 2014

Grade-5.00

EQUIVALENT PERCENTILE- 83%



INTERNSHIP/TRAINING

TRAINEE CIVIL ENGINEER | Shreenathji Infra Space LLP

06 JUNE 2019 – 27 June 2019

- ✓ Worked as a Trainee Civil Engineer, started out as junior site engineer responsible for documents and assisting senior engineers in construction work.

TRAINEE CIVIL ENGINEER | Hi-Tech Projects Pvt. Ltd.

23 DECEMBER 2019 – 06 JANUARY 2020

- ✓ Worked as a Civil Engineer and directing all task related to that project, My responsibilities was attending meetings, conducting desktop and field research, performing all practical and administrative duties assigned by the supervisor, traveling to other sites when required, assisting on projects, offering suggestions for improvement, and writing up reports.



LANGUAGE SKILLS

Mother tongue(s):

Bengali

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Hindi

LISTENING B2 READING B2 WRITING B1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION C1



TECHNICAL SKILLS

- **Analytical and problem solving skills.**
- **AUTOCAD**
- **MS OFFICE**
- **Staad Pro,**
- **Primavera(P6)**



PUBLICATIONS

EPNet: Efficient Patch-based Deep Network For Real-Time Semantic Segmentation [2020]

<https://ieeexplore.ieee.org/document/9316079>

S. Degadwala, U. Chakraborty, Sowrav Saha, H. Biswas and D. Vyas, "EPNet: Efficient Patch-based Deep Network for Real-Time Semantic Segmentation," *2020 3rd International Conference on Intelligent Sustainable Systems (ICISS)*, Thoothukudi, India, 2020, pp. 611-615, doi: 10.1109/ICISS49785.2020.9316079.

Journal name: IEEE Xplore

Website: <https://ieeexplore.ieee.org>

IEEE Xplore Part Number: CFP20M19-ART; ISBN: 978-1-7281-7089-3

COVID-19: An Emergence on Global Economy [2020]

<http://wthtjsjs.cn/gallery/31-whjj-nov-5714.pdf>

UtshoChakraborty, HaimantiBiswas, Sowrav Saha; Gujarat Technological University, India Md.Intekhab Rahman Galib; BBA, Gujarat University, Ahmedabad, India

Dr. SheshangDegadwala; Sigma Institute of Engineering, Vadodara, India

ISSN:1001-1749, Page No:296-309,

doi.org/10.37896/whjj16.11/361

Using Machine Learning Analytics to Detect Abnormalities and Electricity Theft

[2020]

<http://ijsrcseit.com/CSEIT206552>

Sowrav Saha, Utsho Chakraborty, Haimanti Biswas, Md. Intekhab Rahman Galib, Dr. Sheshang Degadwala,

"Using Machine Learning Analytics to Detect Abnormalities and Electricity Theft", International Journal of

Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), ISSN :

2456-3307, Volume 6 Issue 5, pp. 271-279, September-October 2020. Available at doi :

<https://doi.org/>

[10.32628/CSEIT206552](https://doi.org/10.32628/CSEIT206552)

Journal URL : <http://ijsrcseit.com/CSEIT206552>

Views of People of Ahmedabad Regarding Use of Social Media for Business Advertising [2020]

<https://ijsrset.com/IJSRSET184870>

Biltan Chakma, Md. Intekhab Rahman Galib, Utsho Chakraborty, Sowrav Saha, Dr. Sheshang Degadwala, " Views of People of Ahmedabad Regarding Use of Social Media for Business Advertising, International

Journal of Scientific Research in Science, Engineering and Technology(IJSRSET), Print ISSN : 2395-1990,

Online ISSN : 2394-4099, Volume 7, Issue 5, pp.314-321, September-October-2020.

Available at doi : <https://doi.org/10.32628/IJSRSET184870>

Journal URL: <https://ijsrset.com/IJSRSET184870>

Customer Satisfaction Regarding Private Sector Banks in Gujarat

[2020]

<https://ijsrset.com/IJSRSET2051101>

Md. Intekhab Rahman Galib, Utsho Chakraborty, Haimanti Biswas, Sowrav Saha, Dr. Sheshang Degadwala, " Customer Satisfaction Regarding Private Sector Banks in Gujarat, International Journal of Scientific Research in Science, Engineering and Technology(IJSRSET), Print ISSN : 2395-1990, Online ISSN : 2394-4099, Volume 5,

Issue 11, pp.270-281, October-2020.

Journal URL : <http://ijsrset.com/IJSRSET2051101>

PROJECT UNDERTAKEN (5th Semester)

Project: Effects of Industrial Waste on Subgrade Soil

Objective:

- ✓ One changes in soil properties due to industrial waste.
- ✓ Comparison between the original soil and the affected soil.

Description: On the basis of analysis carried out in the present work, following conclusions are drawn.

- ✓ The study indicates that there is increase in specific gravity of the soils at all the polluted sites due to decay of lighter weight particles present in the soil. The presence of waste matter makes the soil less durable. In the present study laboratory investigations have been carried out to see the changes in geotechnical properties of soil due to disposal of wastes.
- ✓ The future scope of work may be considered as field testing of soil by standard penetration test and plate load test. The field tests conducted will focus on settlement of the proposed footings and which also governs the design.



PROJECT UNDERTAKEN (Final Year)

Project: Structural Analysis and Design Of Multistorey Building

Objective:

- ✓ The methodology developed can be used in an early stage to simplify the preliminary design of the building.
- ✓ Carrying out a complete design of the main structural elements of a multi – storied building including slabs, beams, columns, Staircase and footing.
- ✓ The structure should be so arranged that it can transmit dead, the wind and imposed loads in a direct manner to the foundations.
- ✓ The general arrangement should ensure a robust and stable structure that will not collapse progressively under the effects of misuse or accidental damage to any one element.

Description: This project work is to analyze a 14-storeyed building for different load combinations using STAAD Pro software, Staad foundation Advanced, RCDC software. Based on the analysis, the design of the structure is done mainly following IS specifications. The aim of our project was bringing idea to plan, analysis and design of a multi-storeyed, earthquake resistant residential building. The design is completely depend on relevant Indian Standard Codes. The analysis and design has been done with the help of STAAD Pro and RCDC software and also the drawings have been made with the help of AutoCAD. The structural components of the building are safe in shear and flexure. We have completed this project to the best of our knowledge and ability.



WORKSHOPS

- Survey Camp using Total Station,July 2018
- Mundra port Workshop,2018
- Solid Mechanics Workshop,2019



AWARDS AND HONOURS

Fully Funded Indian Government Scholarship (ICCR Scholarship)

Government of India [01/08/2017]

Best Research Paper Award

International Journal of Scientific Research in Science, Engineering, and Technology [22/10/2020]



MANAGEMENT AND LEADERSHIP SKILLS

❖ Co-Ordinator (Education & International Relation Wing)

I worked as a Program Co-Ordinator within (Education & International Relation Wing) of the "Bangladeshi Students Association in Gujarat(India)". My main responsibility was to arrange and maintain Education and International Relation related affairs focusing on cultural exchange.