

# Shova Rani

✉ 2004117@Ce.buet.ac.bd | ✉ shovarani2021@gmail.com |  
☎ +8801850847958 [LinkedIn](#)

## Education

<b>Bachelor of Science in Civil Engineering</b> <i>Bangladesh University of Engineering and Technology(BUET)</i> <i>Student ID-2004117, Level-3,Term-1, CGPA-3.54/4.00</i> <i>Tentative Time of Graduation- May, 2026</i>	Jan. 2022-Present Dhaka, Bangladesh
<b>Higher Secondary School Certificate</b> <i>Brahmanbaria Govt. College(BGC)</i> <i>Group-Science, GPA-5.00/5.00</i>	July 2018- July 2020 Brahmanbaria, Bangladesh
<b>Secondary School Certificate</b> <i>Govt. Model Girls' High School(GMGHS)</i> <i>Group-Science, GPA-5.00/5.00</i>	2018-2020 Brahmanbaria, Bangladesh

## Skills

**Software & Programming Language:** Autocad, Microsoft Office, Matlab, html, C, C++, LaTeX  
**Languages:** Bangla and English  
**Others:** Anchoring, Extempore Speech, Debating, Public Speaking, Writing, Organizing, Management

## Workshop

<b>BOQ Preparation</b>	February 2024
• Member of BOQ preparing team as Procuring Entity of a 3-storied mosque at Professional Practice and Communication Sessional.	
<b>Seminar Participant</b>	February 2024
• Seminar on High-Performance Concrete Using Microsilica by Mr. Surendra Rampyar Sharma organized by ACI BUET Student Chapter at BUET.	
<b>Exposure Tour Participant</b>	January 2024
<b>Hazarat Shahjalal International Airport 3rd Terminal</b>	Dhaka, Bangladesh
• Participated in a 4-hour tour of the 2 billion dollar 3rd terminal at Hazarat Shahjalal International Airport, focusing on resilience, green structures, sustainable infrastructure and environmental management organized by ASCE BUET Student Chapter.	
<b>Student Representative</b>	March 2017
<b>Video Conference</b>	Brahmanbaria, Bangladesh
• Honorable Prime Minister Sheikh Hasina's Inauguration of 450 MW Power Plant 450 mega watt combined cycle power plant (south) at Ashuganj in Brahmanbaria through video conference from her official residence Ganobhaban.	

## Co-Curricular Activities

<b>Assistant Organizing Secretary</b>	July 2023 - Present
<b>BUET Self Defense Club</b>	Dhaka, Bangladesh
• Contributed to organize Taekwondo Belt Test 2023.	
<b>Executive Member</b>	2023 - Present
<b>ASCE BUET Student Chapter</b>	Dhaka, Bangladesh
• Member of organizing committee of a seminar on "Sustainable Public Transportation in Light of Bangladesh" by Dr. Md. Shamsul Hoque Professor, Department of Civil Engineering, BUET.	
• Contributed to organize a session named "Student Talk".	
• Contributed to organize a Seminar on Innovative Nature-Based Technologies for Slope Stabilization, Land Reclamation, and Soil Remediation.	
<b>Executive Member</b>	2023 - Present
<b>BUET Career Club</b>	Dhaka, Bangladesh
• Contributed to organize the Roadshow of Over The Wall: Season 2 by Marico Bangladesh Limited.	
<b>Assistant Research Secretary</b>	August 2023 - Present
<i>Brahmanbaria Science Club Brahmanbaria, Bangladesh</i>	

## Professional Experience

### Academic Instructor

March 2018 - June 2018

*The New Oxford Coaching Centre*

*Brahmanbaria, Bangladesh*

- Mathematics Instructor of Class 9-10.
- Science Instructor of Class 8.

## Awards and Honors

<b>2nd Runner Up</b>   High Jump   BUET Annual Sports	January 2024
<b>Honor</b>   Onkur Begum Rokeya Recognition Award 2023   By Ankur International	16 December 2023
<b>Yellow Belt Certification</b>   Taekwondo  Organized by BUET Self Defense Club	September 2023
<b>Winner</b>	August 2023
• Roadshow of Over The Wall: Season 2 by Marico Bangladesh Limited in collaboration with BUET Career Club.	
<b>Winner</b>   R. A. M. Obaidul Muktaadir Chowdhury Scholarship-2023  By Vasha O Shahitto Anushilon Kendro	14 January 2023
<b>Gorobini Maa Award-2022</b>   By Universal Medical College and Hospital	8 May 2022
• My mother received this Award for my academic excellence despite having socio-economic hardship	
<b>Winner</b>   Ghuddi Foundation's Education For All Project's Admission Coaching Scholarship Category 'A'	Jan. 2020
• Covered admission coaching fees and provided 4-month accommodation support for educational pursuits.	
<b>Winner &amp; Best Speaker</b>   Kendrobindu Intra-Batch & Inter-Batch Debate 2018  Organized by Kendrobindu Academic Care	2018
<b>Adamy Medhabi Award</b>   By Brac Bank-Prothom Alo Trust	September 2018
• This award, along with a monthly scholarship of 2 years, is given to help the meritorious students from financially challenged families.	
<b>Consistent Attendance Recognition Award</b>   By GMGHS.	2017
<b>Winner</b>   Hosne Ara Scholarship 2018, Brahmanbaria, Bangladesh.	
<b>Subdistrict Level Champion</b>   Creative Talent Hunt by Government of Bangladesh	2017
<i>At Bangladesh Studies and Liberation War Segment</i>	<i>Brahmanbaria Sadar, Brahmanbaria, Bangladesh</i>
• Bangladesh Studies and Liberation War Segment consisted of 3 segments: Creative Question Answering, MCQ, Viva	
<b>Best Reader Award</b>   Bishwo Shahitto Kendro	2017
<b>Best Speaker</b>   Intra-Class Debate  At GMGHS.	2017
<b>Champion</b>   Extempore Essay Writing  Organized by Public Library	2017
<b>1st Runner Up</b>   Book Reading Assessment  Organized by Public Library	2017
• On Hajar Bachhor Dhore Bangladeshi Bengali-Language Film	
<b>1st Runner Up</b>   Balance Race  Annual Sports Competition  At GMGHS	Jan. 2017
<b>1st Runner Up</b>   Quiz Contest  Organized by Vasha O Shahitto Anushilon Kendro, Brahmanbaria, Bangladesh	2017
<b>2nd Runner Up</b>   Quiz Contest  Organized by Vorer Pakhi, Brahmanbaria, Bangladesh.	2014
<b>1st Runner Up</b>   Art Competition  Organized by New Oxford Coaching Centre, Brahmanbaria, Bangladesh.	2013

## Projects

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### Professional Practice and Communication Sessional Project Proposal

February 2024

- Project Proposal on ECOSCAPE, Transforming Urban Living With Green Roof.

### Computation Sessional Project | Using MATLAB

September 2023

- Prediction of Impact of Urbanization on Local Hydrology (Flood Prediction Tool).

### Quantity Surveying Project

September 2023

- Materials And Cost Estimation of 7 Storied Residential Building.

## Leadership and Volunteering

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### Volunteer

August 2023 - Ongoing

- Aunkur International

### Volunteer | Agami Education Foundation

March 2023 - Present

- Library Project

### Volunteer | Ghuddi Foundation

Jan. 2020 - Present

- Head Examiner of Scholarship Eligibility Test Exam Of 10,000 Students of Dhaka Centre-2021.
- Member of Viva Panel Committee-2021.
- Head Examiner of Scholarship Eligibility Test Exam of 10,000 Students Of Brahmanbaria Centre-2022.
- Organizer of a number of Counseling Programs for the Selected Scholarship Recipient.

### Assistant Election Commissioner

2017

- Student Cabinet Elections at GMGHS

### Representative

July 2018 - March 2020

- Kendrobindu Academic Care, Brahmanbaria, Bangladesh

### Captain

Jan. 2017 - Jan. 2018

- At GMGHS

### Leader | Developing the Reading Habit Programme

- Conducted by the SEQAEP Project under the Ministry of Education, Government of the People's Republic of Bangladesh

### Leader | Red Crescent Parade Team

Jan. 2012 - March 2015

At GMGHS

Brahmanbaria, Bangladesh

- Actively engaged in parades during Victory Day, Independence Day, and Annual Prize Giving ceremonies.
- Participant in multiple seminars organized by Bangladesh Red Crescent Society.

## Reference

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### Dr. Md. Ferdous Alam

Associate Professor  
Department of Civil Engineering, BUET  
[ferdous@ce.buet.ac.bd](mailto:ferdous@ce.buet.ac.bd)

### Dr. Md. Ashiqur Rahman

Professor  
Department of Mechanical Engineering, BUET  
[ashiqurrahman@me.buet.ac.bd](mailto:ashiqurrahman@me.buet.ac.bd)