

# Md. Abu Sayem

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## TEACHING EXPERIENCE

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### Lecturer

*Jan 2025 - present*

Department of Computer Science and Engineering  
University Of Aisa Pacific (**UAP**)  
Green Road, Dhaka - 1205, Bangladesh

### Lecturer

*Oct 2024 - Jan 2025*

Department of Computer Science and Engineering  
Bangladesh University of Business and Technology (**BUBT**)  
Mirpur-2, Dhaka, Bangladesh

## EDUCATION

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### B.Sc(Engg.) in Computer Science and Engineering

*2019 - 2024*

Shahjalal University of Science and Technology, Sylhet  
CGPA : **3.80** with distinction (out of 4.00)  
Position: **9<sup>th</sup>** (out of 101)

### HSC in Science

*2016 - 2018*

Notre Dame College, Dhaka  
GPA : **5.00** out of 5.00

### SSC in Science

*2015 - 2016*

Banani Bidyaniketan School and College, Banani, Dhaka  
GPA : **5.00** out of 5.00

## RESEARCH INTERESET

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Natural Language Processing   Machine Learning   Deep Learning

## RESEARCH WORKS

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### Bangla Protest News Categorization Using Deep Learning

M. Mosleh, **M. A. Sayem**, M. Shahidur Rahman and M. S. Islam, "Bangla Protest News Categorization Using Deep Learning," 2023 26th International Conference on Computer and Information Technology (IC-CIT), Cox's Bazar, Bangladesh, 2023, pp. 1-6, doi: 10.1109/ICCIT60459.2023.10441451.

## A Deep Neural Network Based Bangla Stemmer With Newly Annotated Dataset (ongoing)

Established the most extensive annotated corpus for Bangla Stemming and developed an innovative neural network-powered stemmer for the Bangla Language, outperforming existing rule-based stemmers in terms of performance.

## PROJECTS

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### Data Annotation Software for Bangla Stemming (*NodeJs, MongoDB, Express, Ejs*)

A paid research project under Sust Research Center (2022-23) for data annotation; deployed at web.

### Root Predictor For Bangla Words (*Html, Css, Python, Flask, Docker*)

Built a website that can identify the stem of any given Bangla word using deep learning model (LSTM).

### Online Course Management System (*JSP, Servlet, MySQL*)

Developed an online course management system enabling administrators to allocate courses, with students enrolling in selected courses and teachers accessing relevant course and students' information.

## TECHNOLOGIES

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Languages	C/C++, Python, Java, HTML, CSS, JavaScript
Frameworks	NodeJS, ExpressJS
Tools and Database	Git, Github, MySQL, MongoDB, Docker, Latex

## ACHIEVEMENTS

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- Education Board Scholarship in Junior School Certificate  
Dhaka Education Board
- Education Board Scholarship in Secondary School Certificate  
Dhaka Education Board
- Education Board Scholarship in Higher Secondary School Certificate  
Dhaka Education Board
- University Scholarship in 2<sup>nd</sup> and 3<sup>rd</sup> year examination at  
Shahjalal University of Science and Technology, Sylhet

## REFERENCES

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### Mohammad Shahidur Rahman, PhD

Professor  
Department of Computer Science and Engineering  
Shahjalal University of Science and Technology  
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### Dr Mohammad Reza Selim

Professor  
Department of Computer Science and Engineering  
Shahjalal University of Science and Technology  
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Email: selim@sust.edu