



Pranto Soumik Saha

Ramna, Dhaka-1000

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A Biomedical Engineering graduate who is seeking to get involved in a reputed organization which offers a highly challenging working environment to build up a progressive career that is a means of making life meaningful and satisfying.

Academic Qualifications

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| ○ Khulna University of Engineering and Technology
<i>B.Sc. in Biomedical Engineering, CGPA: 3.80/4.00 (4th)</i> | Khulna
2016–2020 |
| ○ Notre Dame College
<i>Higher Secondary Certificate Exam, GPA: 5.00/5.00</i> | Dhaka
2013–2015 |
| ○ Begumganj Govt. Pilot High School
<i>Secondary School Certificate Exam, GPA: 5.00/5.00</i> | Noakhali
2011–2013 |

Academic Achievements

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| ○ Dean's List Award
<i>an University Merit Scholarship</i> | KUET
All academic year |
| ○ University Scholarship
<i>for outstanding result</i> | KUET
All academic year |
| ○ Cumilla Board Scholarship
<i>Secondary Level</i> | SSC
2013 |

Technical Expertise

- **Engineering Analytical Tools:** COMSOL Multiphysics, Biopac, AutoCAD, NI Multisim
- **Programming Skills:** MATLAB, Arduino, C, PHP
- **Hardware Programming:** Intel 8086 Microprocessors
- **Operating Systems:** Windows (xp/7/8.1/10)
- **Application Packages:** MS Word, Excel, Power Point, Visio, Publisher

Research Work

- Undergraduate thesis on “*Semantic Segmentation of Dental X-ray Images for Caries Detection using Texture Feature Maps*”

Undergraduate Projects

- Hospital Information System (HIS) Software
- Smart Patient Calling System using GSM Module
- Video Conferencing App for Telemedicine
- IOT based Patient Monitoring System
- Optical Disc localization using Image Processing
- Line Follower Robot (LFR)

Technical Tours & Training

- Bangladesh Institute of Minimal Access Surgery (BIMAS), Dhaka
- Axon Medical Services, Dhaka
- BRB Hospitals Limited, Dhaka
- Shaheed Sheikh Abu Naser Specialized Hospital, Khulna
- Gazi Medical College & Hospital, Khulna

Synergistic Activities

- Former Membership Chair of Advanced Bio-Engineering Club of KUET (ABC_KUET)
- Co-organizer of Workshop on Mathematics for Engineering Research, 2018
- Co-organizer of Workshop on Insights of ECG: Processing and Applications, 2017
- Co-organizer of Workshop on The Application of MATLAB in Biomedical Engineering
- Former Class Captain of Notre Dame College (Group 7)

Hobbies

- Playing Guitar
- Photography
- Travelling

Personal Information

Fathers Name	: Pritu Gopal Saha
Mothers Name	: Gayitri Saha
Date of Birth	: March 03,1997
Blood Group	: O(+ve)
Religion	: Hinduism
Nationality	: Bangladeshi
Marital Status	: Unmarried
Permanent Address	: Chowmuhani,Begumganj,Noakhali

References

- **Dr. A. B. M. Aowlad Hossain**
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Khulna University of Engineering & Technology (KUET), Khulna -9203, Bangladesh.
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- **Md. Mahmudul Haque Milu**
Lecturer, Department of Biomedical Engineering,
Jashore University of Science & Technology (KUET), Jashore - 7408, Bangladesh.
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