



Asif Eakball Emon

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<https://scholar.google.com/citations?user=UzdiuBMAAAJ&hl=en>

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ABOUT MYSELF

Results-driven Electrical and Electronics Engineering (EEE) Graduate with a B.Sc. from BUBT, complemented by hands-on expertise in project execution, research, and telecommunications. Proven track record of leading innovative projects, with multiple publications in international journals, showcasing strong analytical and problem-solving skills. Currently serving as Sr. Executive (PIP) & Circle Manager at Metal Plus Ltd. (Telecom), where I oversee critical infrastructure projects, optimize network performance, and ensure seamless service delivery. Passionate about leveraging technical knowledge and leadership to drive operational excellence in the telecom sector.

WORK EXPERIENCE

- Metal Plus Ltd. (Telecom)** Dhaka, Bangladesh
Business or sector Information and communication | **Department:** Powertech
Senior executive officer
20/10/2024 - 31/08/2025

EDUCATION & TRAINING

- 03/01/2019 - 28/12/2023** Dhaka, Bangladesh
B.Sc. in Electrical and Electronic Engineering Bangladesh University of Business and Technology (BUBT)
Website: <https://eee.bubt.edu.bd/> | **Final grade:** 3.68 | **Level in EQF:** EQF level 6 | **Number of credits:** 154.5

LANGUAGE SKILLS

MOTHER TONGUE(S): Bengali

OTHER LANGUAGE(S):

English

Listening C1

Reading C1

Writing B2

Spoken production B2

Spoken interaction B2

SKILLS

Microsoft Office: Word, Excel, Powerpoint, Outlook, OneNote | work as a team | MATLAB & MATLAB SIMULINK | MultiSim/ LTSpice | E-TAP | Auto desk auto cad | Python (computer programming)

CERTIFICATIONS

- TUV Austria Bureau of Inspection and Certification (Pvt.) Ltd. , Bangladesh., 15/06/2025**
- Certified Trainer of "Electrical Safety aspect (NFPA70 & NFPA70E)"**
Link <https://tuvat.asia/>
- BUBT EEE CLUB , 02/11/2019**
- Robotics Competition Certificate**
- BUBT EEE CLUB , 02/11/2019**

● Science Olympiad Certificate

Government of the People's Republic of Bangladesh, Department of Agricultural Extension., 02/12/2015

● Agricultural Production and Employment Program, Integrated Farm Management Component Certificate

Asian Journal of Advanced Research and Reports, 23/01/2026

● Certificate of Excellence in Reviewing

Asian Journal of Advanced Research and Reports

Certificate of Excellence in Reviewing

awarded to

Asif Eakball Emon

Bangladesh University of Business and Technology, Bangladesh

in recognition of an outstanding contribution to the quality of the journal.

Engineering, Technology & Applied Science Research (ETASR) , 14/02/2026

● Certificate of Excellence in Reviewing

Thank you for completing this round's review of the submission, "Mobile application based on artificial intelligence for the recognition and classification of criminal events in real time " (Submission ID: #17841) for Engineering, Technology & Applied Science Research.

The voluntary contribution of time and effort that each reviewer gives to our journal is greatly appreciated and adds to the quality of the work that we publish.

VOLUNTEERING

01/07/2019 - 30/06/2020 BUBT Robotics Group of EEE CLUB

● Equipment In-Charge

01/06/2019 - 30/12/2022 BUBT EEE CLUB

● Sr. Executive

10/09/2019 - 31/12/2021 BUBT IEEE SB

● Executive

02/01/2022 - 30/12/2023 Engineering Students Association of Bangladesh (ESAB)

● Executive

PUBLICATIONS

● [A Novel Wavelet-Based Approach for Transmission Line Fault Detection and Protection](#)

Emon, A. E., & Ahammad, J. (2026). A Novel Wavelet-Based Approach for Transmission Line Fault Detection and Protection. Scientific Journal of Engineering Research, 2(1), 50–67.

<https://doi.org/10.64539/sjer.v2i1.2026.374>

Journal Name: Scientific Journal of Engineering Research

● [Iterative Modeling, Validation Study of a Low-Cost Thyristor-Based Controlled Half-Wave Rectifier](#)

Emon, A. E., & Tabassum, A. (2025). An Iterative Modeling and Validation Study of a Low-Cost Thyristor-Based Controlled Half-Wave Rectifier. Methods in Science and Technology Studies, 1(2), 59–71.

<https://doi.org/10.64539/msts.v1i2.2025.354>

● **Improved Microgrid Controller with Robust Stability, Conjunction with PID Controllers**

Emon, A. E., Shawon, M., Molla, S., Nowjh, M. S. (2025). Improved Microgrid Controller with Robust Stability, Conjunction with PID Controllers. Journal of Electrical and Electronic Engineering, 13(3), 116-130

● **Analysis of Aging Effect and Cell Balancing Problem of Lithium-Ion Battery**

Molla, S., Shawon, M., Nawaj, M. S., Emon, A. E. (2025). Analysis of Aging Effect and Cell Balancing Problem of Lithium-Ion Battery. Journal of Electrical and Electronic Engineering, 13(2), 92-107.

<https://doi.org/10.11648/j.jeee.20251302.11>

● **Analysis & Modeling of Single and Three Phase Inverters for Efficient Renewable Energy Integration**

Emon, A. E., Molla, S., Shawon, M., & Tabassum, A. (2025). Comparative Analysis and Modeling of Single and Three Phase Inverters for Efficient Renewable Energy Integration. Scientific Journal of Engineering Research, 1(4), 195–212.

● **Design & Comparative Analysis of Single Three-Phase Double-Stage Inverters for Photovoltaic Systems**

Asif Eakball Emon, Sohan Molla, Anika Tabassum, and Md. Shawon, "Design and Comparative Analysis of Single-Phase and Three-Phase Double-Stage Inverters for Photovoltaic Systems", Int J Sci Res Sci Eng Technol, vol. 12, no. 5, pp. 407–417, Oct. 2025

● **Emerging Designs and Strategies for Overvoltage Protection in Modern Electronics**

M. Shawon, A. Emon, S. Molla, A. Tabassum, and M. S. Nowjh, "Emerging Designs and Strategies for Overvoltage Protection in Modern Electronics," Sept. 2025

● **Design, Simulation, and Implementation of a Buck Converter for Efficient DC Voltage Regulation.**

Shawon, M., Molla, S., Fatiha, T., Emon, A. E., Sen, U., et al. (2025). Design, Simulation, and Implementation of a Buck Converter for Efficient DC Voltage Regulation. Journal of Electrical and Electronic Engineering, 13(4), 205-213.

● **AN INTEGRATED IOT FRAMEWORK FOR PROACTIVE ROAD SAFETY AND ACCIDENT MITIGATION INHILLY TERRAINS**

Anika Tabassum, Asif Eakball Emon, Pages 177-184 DOI 10.61552/JAI.2026.04.001

● **AUTOMATIC NUMBER PLATE RECOGNITION (ANPR) SYSTEM ENHANCING SECURITY IN BANGLADESH**

Vol 3 issue 2, Pages 83-92 DOI 10.61552/JAI.2026.02.003 Md Shawon, Sohan Molla, Sajib Nowjh, Asif Eakball Emon, Kanij Fatema

● **INVERSE FILTER-BASED IMAGE RECONSTRUCTION FOR IMPROVED ANPR IN BANGLADESH SECURITY SYSTEMS**

A. Emon, M. Shawon, S. Molla, M. S. Nowjh, and U. Sen, "INVERSE FILTER-BASED IMAGE RECONSTRUCTION FOR IMPROVED ANPR PERFORMANCE IN BANGLADESH SECURITY SYSTEMS," J Trends Chall Artif Intell.vol. 3, pp. 111–120, July 2025, doi: 10.61552/JAI.2026.02.006

● **AN INTEGRATED IOT FRAMEWORK FOR PROACTIVE ROAD SAFETY AND ACCIDENT MITIGATION INHILLY TERRAINS**

Anika Tabassum, Asif Eakball Emon, Volume 3 number 4 (01) Pages 177-184 DOI 10.61552/JAI.2026.04.001

RECOMMENDATIONS

● **Prof. Dr. Md. Anwar Hossain**

I am glad to write a few words in favor of Asif Eakball Emon bearing ID: 18191108011 who has graduated in

Electrical and Electronic Engineering (EEE) Department from Bangladesh University of Business and Technology (BUBT) in Fall, 2023.

He is a very good student and his CGPA is 3.68 out of 4 scale. I have found Asif Eakball Emon as a hardworking, self-motivated and an intelligent student. I had the privilege of teaching him in the course of Continuous Signals and Linear Systems and supervised his thesis on "Improved Microgrid Controller with Robust Stability, Conjunction with PID Controllers" In addition to his academic achievements, he has been actively involved in extracurricular activities. He was a member of the BUBT IEEE SB, EEE Club, and Engineering Students Association of Bangladesh (ESAB), where he had contributed to various technical and leadership initiatives.

I firmly believe that Asif Eakball Emon is well equipped to undertake the advanced research offered by the MSc program at your University. I, therefore, strongly recommend the case of Asif Eakball Emon to the authority concerned to his admission with full financial assistance in the form of RA/TA.

Email anwar.hossain@ece.ruet.ac.bd | **Phone** +880 1707531956

● **Prof. Dr. Ahmed Al Mansur**

It is my distinct pleasure to recommend Asif Eakball Emon, a former student of the Department of Electrical and Electronic Engineering at the Bangladesh University of Business and Technology (BUBT), from whom he completed his Graduation with a Bachelor of Science in Electrical and Electronic Engineering. He had been a brilliant and ideal student who proved himself to be an asset to our university.

Asif Eakball Emon is a bright, energetic, compassionate, hardworking, and genuinely well-rounded individual. He is a dedicated student, and his performance has been consistently excellent in all his courses. He actively participated in different seminars and workshops at the university. He achieved a brilliant result, earning a CGPA of 3.68 on a 4.00 scale in his Bachelor's program. He has proven himself to be a person who can develop plans and implement them both in theory and in practice.

He has commendable research aptitude and the capability to perform advanced research work. I firmly believe that his skills, enthusiasm, performance, and labour will surely enable him to excel in academia. He is well-skilled and versed in both written and spoken English. He bears a good moral character. As an engineer, he is dedicated and determined to apply his knowledge effectively for the country's welfare and development in the field of engineering.

Therefore, being convinced by his overall excellence in proximity to his supervisor, I strongly recommend Asif Eakball Emon for the desired program. I expect to see him as a frontrunner in both academic and industrial exploration.

I wish him a prosperous and bright future.

Email mansur.eee@bubt.edu.bd | **Phone** +880 1715020314

● **Dr. Md. Shamsul Arefin**

It gives me great pleasure to write a few words in support of Asif Eakball Emon, ID: 18191108011, who graduated in the fall 2023 from Bangladesh University of Business and Technology (BUBT) with a degree in Electrical and Electronic Engineering (EEE).

With a CGPA of 3.68 out of 4, he is an exceptionally good student. Asif Eakball Emon is a diligent, self-driven, and bright student, in my opinion. In addition to his academic accomplishments, he has been actively involved in extracurricular activities. I had the honor of teaching him Digital Electronics and Digital Signal Processing. He participated in a number of technical and leadership projects as a member of the BUBT IEEE SB, EEE Club, and Engineering Students Association of Bangladesh (ESAB).

I am convinced that Asif Eakball Emon is qualified to conduct the advanced research that your university's MSe program offers. Therefore, I highly advise the relevant authority to admit Asif Eakball Emon and provide him with complete financial help in the form of RA/TA.

I wish him a prosperous and bright future.

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