



Bangladesh Accreditation Council

Profile of Academic Auditor



1. Name: **Prof. Dr. Engr. Muhibul Haque Bhuyan**
2. Employment Record:
(starting with the latest)

Designation	Name of the Organization	Duration
Professor	American International University Bangladesh	2 years, 6 months *
Professor	Southeast University	3 years, 4 months
Associate Professor	Southeast University	2 years, 10.5 months
Professor	Green University of Bangladesh	2 years, 1.5 months
Associate Professor	Green University of Bangladesh	1 year, 1 month
Associate Professor	Daffodil International University	6 months
Assistant Professor	Presidency University	1 year, 7 months
Assistant Professor	Daffodil International University	6 months
Assistant Professor	Daffodil International University	4 years, 5 months
Senior Lecturer	Daffodil International University	6 months
Researcher	Hiroshima University, Japan	9 months
Lecturer	American International University Bangladesh	4 years, 1 month

* Considering experiences up to 31.08.2024

3. Academic Credentials
(starting with the latest)

Degree	Subject	Name & Address of the Institution
PhD in EEE	Electrical and Electronic Engineering	Bangladesh University of Engineering and Technology (BUET), Dhaka 1000

MSc in EEE	Electrical and Electronic Engineering	Bangladesh University of Engineering and Technology (BUET), Dhaka 1000
BSc in EEE	Electrical and Electronic Engineering	Bangladesh University of Engineering and Technology (BUET), Dhaka 1000
HSC	Science	Notre Dame College, Dhaka 1000
SSC	Science	Bangladesh Bank High School, Dhaka 1000

4. Training/workshop on Quality Assurance attended as participant (starting with the latest)

QA Areas	Organized by	Year & Duration
Learning Outcomes	IUCEE, IFEEES, GEDC, India	May 2023, 1 hour 30 minutes
Evaluator Training on New Manual V2.1	BAETE, IEB	December 2022; 2 day-long
OBE Teaching and Learning Activities	IQAC, AUST	September 2022; 2 day-long
Evaluator Training on New Manual V2.1	BAETE, IEB	June 2022; 2 day-long
Change of Mindset in OBE Approach	IQAC, UIU	March 2022; 2 hours
Evaluator Training on New Manual V2	BAETE, IEB	October 2021; 4 day-long
Formative Assessments	Turnitin India Education Pvt. Ltd.	October 2021; 2 hours
OBE for the Program Evaluators	BAETE, IEB	August 2021; day-long
Writing Research Papers on Scholarship of Teaching and Learning	Indo Universal Collaboration for Engineering Education (IUCEE)	July 2021; day-long
Accreditation Evaluation by Program Evaluators	BAETE, IEB	February 2021
Importance of Accreditation in Engineering Education	ICCIT2020 at AUST	December 2020; 2 day-long
ABET Assessment Process of Capstone Design Project	EEE Department of Southeast University	September 2020; day-long
Quality Assurance in Engineering Education	BAETE, IEB	August 2020; 2 day-long
Hands-on orientation session for new program evaluators	BAETE, IEB	October 2019; 2 day-long
Hands-on Workshop on OBE with emphasis on implementing complex engineering problem solving (CP) and complex engineering activities (EA)	BAETE, IEB	June 2019, 2 day-long

considering the knowledge Profiles (WK)		
Quality Assurance in Engineering Education through Accreditation	BAETE, IEB	March 2019, 2 day-long
BAETE Accreditation and Outcome-Based Engineering Education	EEE Department of Southeast University	December 2018, day-long
Learning Taxonomy, OBE, OBC, OBTL, OBA, CDP, Rubrics Design, Assessment, and Evaluation	EEE Department of Southeast University	October 2018; 5 day-long
Enhancing Quality of Higher Education	IQAC, Southeast University	September 2018; day-long
Outcome Based Education	IQAC, Southeast University	August 2018; day-long
Teaching-Learning, Curriculum, and Quality Assurance	IQAC, Southeast University	July 2018; 5 day-long
Experience-Sharing Session for Program Evaluators	BAETE, IEB	May 2018; day-long
Experience-Sharing Session for Program Evaluators	BAETE, IEB	February 2018; day-long
Evaluation Panel Training: Conduct of Accreditations	BAETE, IEB	December 2017; day-long
Implementation of OBE by BAETE for the Program Chairman and Directors	BAETE, IEB	December 2017; day-long
Preparation of a Five-Year Improvement Plan for Academic Departments	IQAC, Southeast University	November 2017; day-long
Evidence-Based On-site Assessment During Accreditation Visit	BAETE, IEB	October 2017; day-long
Preparation for Outcome-Based Accreditation	BAETE, IEB	October 2017; day-long
Problem-Based Learning	IEB	May 2017; 4 hours
Introduction of New Accreditation Manual of BAETE V2	BAETE, IEB	April 2017; day-long
SWOT Analysis and Strategic Plan	IQAC, Southeast University	March 2017; day-long
VLSI Design Course for Undergraduate Students	EEE Department, AIUB	January 2017; 2 hours
The Role and Responsibilities & Ethical Principles of University Teachers	IQAC, Southeast University	May 2017; 2 hours
Engineering Education	IEB	August 2014; 2 hours
Interactive Teaching and Learning	GUECTL, Green University	June 2013; day-long
Outcome-based Education and Accreditation Criteria	IEB	June 2012; 3 day-long

5. Training/workshop on Quality Assurance organized as resource person (starting with the latest)

QA Areas	Organized by	Year & Duration
Self-Assessment Report (SAR) Preparation for BAETE Accreditation	Faculty of ECE, Bangladesh Army International University of Science and Technology (BAIUST), Cumilla	July 2024; 6 hours
Preparation and Implementation of the OBE Curriculum in the Contexts of BAETE Accreditation	Faculty of Engineering and Technology, Atish Dipankar University of Science and Technology (ADUST), Dhaka	May 2024; 6 hours
Outcome Based Education towards BAETE Accreditation	Science, Engineering, and Technology School, Khulna University (KU), Khulna	May 2024; 9 hours
Exploring Bloom's Taxonomy and Art of Questioning according to BNQF and BAC	Varendra University (VU), Rajshahi	March 2024; 6 hours
OEL for OBE	EEE Department, AUST	March 2023; 3 hours
CDP for OBE with WK, CP and EA	ICE Department, Daffodil International University	January 2023; 4 hours
OBC Design	EEE Department, City University	December 2021; day-long
OBC Design	EEE and CSE Departments, Presidency University	October 2021; 4 hours
OBE for Engineering Education	Research Circle, Malaysia	September 2021; 2 hours
OBC Design	CSE Department, Central Women's University	August 2021; 4 hours
OBA Methods and Guidelines	EEE and CSE Departments, Presidency University	July 2021; 4 hours
OBC Design	EEE Department, Bangladesh Army International University of Science and Technology	May 2021; 4 hours
OBA	EEE and CSE Departments, Presidency University	April 2021; 2 day-long
OBE	CE Department, Presidency University	January 2021; 4 hours
CDP for OBE	EEE Department, Southeast University	October 2020; day-long
OBE Pathway	EEE and CSE Departments, Presidency University	August 2020; day-long
Outcome Based Education for BAETE Accreditation	EEE and CSE Departments, Presidency University	August 2020; day-long
Capstone Design Project for CO-PO Attainment	EEE Department of Southeast University	June 2020; day-long
OBE, CO-PO mapping	EEE Department of Stamford University Bangladesh	February 2020; day-long

Capstone Design Project for CO-PO Attainment	EEE Department of Stamford University Bangladesh	February 2020; day-long
OBE, CO-PO Mapping, OBE Question Setting and CO-PO Assessment	IQAC, RUET	January 2020; 2 day-long
OBE, CO-PO Mapping, OBE Question Setting and CO-PO Assessment	IQAC of Southeast University	September and October 2019; 8 day-long for all departments' faculty members
OBE for BAETE Accreditation	IQAC, IIUC	July 2019; day-long
OBE, CO-PO Mapping, Assessment and Evaluation	EEE Department, IUBAT	June 2019; day-long
Introduction to OBE for EEE Program	EEE Department, Southeast University	October 2018; day-long
OBE: What Students Need to Know	EEE Department, Southeast University	October 2018; day-long
OBE, CO-PO Mapping, Assessment and Evaluation	IQAC, IIUC	February 2018; day-long

6. Experience in External quality assessment/External Peer Review of academic program (starting with the latest)

- [1] Member, Evaluation Team (ET) of Board of Accreditation for Engineering and Technical Education (BAETE), Bangladesh: constituted for the Accreditation of B.Sc. in Electrical and Electronic Engineering (EEE) Program of Bangladesh Army University of Engineering and Technology, (BAUET), Natore.
- [2] Member, Evaluation Team (ET) of Board of Accreditation for Engineering and Technical Education (BAETE), Bangladesh: constituted for the Accreditation of B.Sc. in Electrical and Electronic Engineering (EEE) Program of University of Science and Technology Chittagong (USTC).
- [3] Member, Evaluation Team (ET) of Board of Accreditation for Engineering and Technical Education (BAETE), Bangladesh: constituted for the Accreditation of B.Sc. in Electrical and Electronic Engineering (EEE) Program of Khulna University of Engineering and Technology (KUET), Khulna.
- [4] Member, Evaluation Team (ET) of Board of Accreditation for Engineering and Technical Education (BAETE), Bangladesh: constituted for the Accreditation of B.Sc. in Electrical and Electronic Engineering (EEE) Program of Dhaka University of Engineering and Technology (DUET), Gazipur.
- [5] Member, Evaluation Team (ET) of Board of Accreditation for Engineering and Technical Education (BAETE), Bangladesh: constituted for the Accreditation of B.Sc. in Electrical and Electronic Engineering (EEE) Program of Bangladesh University of Business and Technology (BUBT), Dhaka.

7. Other experience that best illustrates your capability as QA professional (starting with the latest)

- a. Head of the SAC-IQAC for the EEE Department, Southeast University starting from 01.10.2016 to 31.10.2018.
- b. Member, OBE Curriculum Committee, Department of Electrical and Electronic Engineering, American International University Bangladesh (AIUB).
- c. Chairman, OBE Curriculum Committee, Department of Electrical and Electronic Engineering, Southeast University, and Member of the Central OBE Curriculum Review Committee, SEU.
- d. External Expert Member, OBE Curriculum Committee, Department of Electrical and Electronic Engineering, Stamford University Bangladesh (SUB), Dhaka, Bangladesh.
- e. External Expert Member, OBE Curriculum Committee, Department of Electrical and Electronic Engineering, International Islamic University Chittagong (IIUC), Chittagong, Bangladesh.
- f. External Expert Member, OBE Curriculum Committee, Department of Electrical and Electronic Engineering, Bangladesh Army International University of Science and Technology (BAIUST).
- g. External Expert Member, OBE Curriculum Committee, Department of Electrical and Electronic Engineering, Bangabandhu Sheikh Mujibur Rahman Aviation and Aerospace University (BSMRAAU), Dhaka, Bangladesh.
- h. External Expert Member, OBE Curriculum Committee, Department of Electrical and Electronic Engineering, International University of Business, Agriculture, Engineering and Technology (IUBAT), Uttara, Dhaka, Bangladesh.
- i. External Expert Member, OBE Curriculum Committee, Department of Electrical and Electronic Engineering, University of Information Technology and Sciences (UITS).
- j. Adviser, OBE Curriculum Committee, Department of Electrical and Computer Engineering, Presidency University (PU), Dhaka, Bangladesh.
- k. Published a few research papers in various journals and presented a few conference papers on OBE:
 - i. S. S. A. Khan and Muhibul Haque Bhuyan, "COVID-19 Pandemic Influence on UG Female Engineering Students' Performance in Bangladesh," *International Journal of Evaluation and Research in Education (IJERE)*, ISSN: 2252-8822, Vol: 12, No: 1, March 2023, pp. 451-458, ISSN: 2252-8822, DOI: 10.11591/ijere.v12i1.22565.
 - ii. Muhibul Haque Bhuyan, "Prospects, Challenges and Evaluation of the BSc in EEE Programme for Diploma in Engineering Holders," *Contemporary Educational Researches Journal (CERJ)*, ISSN: 2301-2552, vol. 11, no. 4, December 2021, pp. 186-209.
 - iii. Muhibul Haque Bhuyan, "Impact on Course Registration and SGPA of the Students of BSc in EEE Programme due to Online Teaching during the COVID-2019 Pandemic," *International Journal of Educational and Pedagogical Sciences*, ISSN: e-1307-6892, vol. 15, no. 12, December 2021, pp. 994-1003.
 - iv. Muhibul Haque Bhuyan, "Assessing and Evaluating the Course Outcomes of Control Systems Course Mapping Complex Engineering Problem Solving Issues and Associated Knowledge Profiles with the Program Outcomes," *International Journal of Educational and Pedagogical Sciences*, ISSN: e-1307-6892, vol. 15, no. 9, September 2021, pp. 804-813.
 - v. Muhibul Haque Bhuyan, "Practices of Online Teaching, Learning, and Assessment of the BSc in EEE Programme during the COVID-2019 Pandemic,"

- Contemporary Educational Researches Journal (CERJ), ISSN: 2301-2552, vol. 11, no. 2, May 2021, pp. 14-28.
- vi. Muhibul Haque Bhuyan, "Assessing 'lifelong learning' through the capstone design project of BSc in EEE programme," *International Journal of Learning and Teaching (IJLT)*, ISSN: 1986-4558, vol. 13, issue 1, January 2021, pp. 13-31.
 - vii. Muhibul Haque Bhuyan, "Guidelines for Developing, Supervising, Assessing and Evaluating Capstone Design Projects of Undergraduate Electrical and Electrical Engineering Program," *International Journal of Educational and Pedagogical Sciences*, ISSN: e-1307-6892, vol. 15, no. 1, 2021, pp. 80-91.
 - viii. Muhibul Haque Bhuyan, "Assessment and Evaluation of the Course Outcomes of Semiconductor Devices Course for the BSc in EEE Program," *Southeast University Journal of Science and Engineering (SEUJSE)*, ISSN: 1999-1630, vol. 14, no. 2, December 2020, pp. 9-20.
 - ix. Muhibul Haque Bhuyan, and S. S. Azmiri Khan, "Assessing and Evaluating the Course Outcomes of Electrical Circuit Course for Bachelor of Science in Electrical and Electronic Engineering Program," *International Journal of Educational and Pedagogical Sciences*, ISSN: e-1307-6892, vol. 14, no. 12, 2020, pp. 1163-1171.
 - x. Muhibul Haque Bhuyan and A. Tamir, "Evaluating COs of Computer Programming Course for OBE-based BSc in EEE Program," *International Journal of Learning and Teaching (IJLT)*, ISSN: 1986-4558, vol. 12, issue 2, April 2020, pp. 86-99.
 - xi. Muhibul Haque Bhuyan, N. Mohammad, M. R. Islam, and M. A. A. Noman, "Determination of Satisfaction Level of Electrical and Electronic Engineering Students of Southeast University," *International Journal of Learning and Teaching (IJLT)*, ISSN: 1986-4558, vol. 10, issue 4, October 2018, pp. 312-324.
 - xii. Muhibul Haque Bhuyan and S. S. Azmiri Khan, "Motivating Students in Electrical Circuit Course," *International Journal of Learning and Teaching (IJLT)*, ISSN: 1986-4558, vol. 10, issue 2, April 2018, pp. 137-147.
 - xiii. Muhibul Haque Bhuyan, S. S. Azmiri Khan and M. Z. Rahman, "Teaching Digital Electronics Course for Electrical Engineering Students in Cognitive Domain," *International Journal of Learning and Teaching (IJLT)*, ISSN: 1986-4558, vol. 10, issue 1, January 2018, pp. 1-12.
 - xiv. Muhibul Haque Bhuyan and S. S. Azmiri Khan, "Teaching Numerical Analysis Course for Electrical Engineering Students using MATLAB," *Southeast University Journal of Science and Engineering (SEUJSE)*, ISSN: 1999-1630, vol. 10, no. 2, December 2016, pp. 38-46.
 - xv. Muhibul Haque Bhuyan, S. S. Azmiri Khan and M. Z. Rahman, "Teaching Analog Electronics Course for Electrical Engineering Students in Cognitive Domain," *Journal of Electrical Engineering, the Institution of Engineers Bangladesh (IEB-EE)*, 0379-4318, vol. EE 40, no. I-II, June-Dec. 2014, pp. 52-58.
 - xvi. Muhibul Haque Bhuyan, "Teaching Electrical Circuits Course for Electrical Engineering Students in Cognitive Domain," *Journal of Bangladesh Electronics Society*, 1816-1510, vol. 14, no 1-2, June-Dec. 2014, pp. 83-91.
 - xvii. Muhibul Haque Bhuyan and S. S. Azmiri Khan, "Teaching a Numerical Analysis Course for Electrical Engineering Students in the Cognitive Domain,"

International Journal of Electrical Engineering Education, Manchester University Press, UK, ISSN: e: 2050-4578, p: 0020-7209, vol. 51, no. 1, Jan 2014, pp. 82-92.

- xviii. Muhibul Haque Bhuyan, “OBE Guidelines to Designing, Teaching, Assessment and Evaluation of Electronics Courses,” Proceedings of the National Conference on Electronics and Informatics, jointly organized by the Bangladesh Electronics Society and Bangladesh Atomic Energy Commission, held at the Bangladesh Atomic Energy Center (BAEC), Dhaka, Bangladesh, 4-5 December 2019, p. 34, 56 [invited talk].
 - xix. Muhibul Haque Bhuyan, “Teaching Control Systems Course for Electrical Engineering Students in Cognitive Domain,” Proceedings of the International Conference On Tertiary Education: Realities & Challenges, Daffodil International University, Dhaka, Bangladesh, 19-21 January 2013, pp. 64-70.
1. Published a few writings on academic issues and OBE:
 - i. An article titled “প্রকৌশল শিক্ষার মান উন্নয়নে শিক্ষকদের করণীয়” was published in Daily Dhaka Bulletin, an online Bangla news portal, 19 April 2021, <https://www.dhakabulletin.com/uncategorized/147766/>.
 - ii. An article titled “What is meant to be Electrical and Electronic Engineering?” was published on an online portal StudyBarta.com on 28 March 2021, Link: <https://studybarta.com/electrical-and-electronic-engineering/>.
 - iii. An article titled “On the Outcome-Based Education (OBE)” was published on an online portal StudyBarta.com on 27 March 2021, Link: <https://studybarta.com/obe-outcome-based-education/>.

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Signature:

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