



Bangladesh Accreditation Council

Profile of Academic Auditor



1. Name: Prof. Dr. Ahmed Wasif Reza
2. Employment Record:
(starting with the latest)

Designation	Name of the Organization	Duration
Professor and Additional Director, IQAC	East West University, Bangladesh	8 Years +
Senior Lecturer (equivalent to <i>Assistant Professor</i>)	University of Malaya, Malaysia	7.5 Years

3. Academic Credentials
(starting with the latest)

Degree	Subject	Name & Address of the Institution
Doctor of Philosophy (Ph.D.)	Electrical and Computer Engineering	University of Malaya, Malaysia
Master of Engineering Science (M.Eng.Sc.)	Wireless Communication	Multimedia University, Malaysia
B.Sc. (Hons.) in Computer Science and Engineering	Computer Science and Engineering	Khulna University, Bangladesh

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

QA Areas	Organized by	Year & Duration
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BAETE Tier-2 Evaluator Training	Board of Accreditation for Engineering and Technical Education (BAETE), The Institution of Engineers, Bangladesh (IEB)	May 1-3, 2024
National Symposium on “Transforming Education for the Industry: Engineer’s Perspective in Achieving Vision 2041”	Board of Accreditation for Engineering and Technical Education (BAETE), The Institution of Engineers, Bangladesh (IEB)	20 April 2024
Professional Training on Quality Assurance in Higher Education ("Professional Training for Capacity Building of IQACs")	Bangladesh Accreditation Council (BAC)	12-03-2023 to 23-03-2023
Teaching Excellence Programme	University Grants Commission (UGC) of Bangladesh and British Council	6 December 2022 to 17 March 2023
Interaction session with all Evaluation Team (ET) Members	Board of Accreditation for Engineering and Technical Education (BAETE), The Institution of Engineers, Bangladesh (IEB)	September 11, 2022
Discussion session on the revision of the Engineering Accreditation Manual	BAETE, IEB	June 19, 2022
Discussion session by Bangladesh Accreditation Council (BAC) for Professional Development Training Course of BAC	Institutional Quality Assurance Cell (IQAC), East West University (EWU)	11 June 2022
Orientation and Discussion Session on Accreditation Evaluation by Program Evaluators	BAETE, IEB	February 8 to 11, 2021 (4 days)
Symposium on “Student Satisfaction and Quality of Higher Education”	East West University	19 June 2021

International Symposium on Quality Assurance in Engineering Education through Accreditation-II	BAETE, IEB	26-27 August 2020
Orientation and Discussion Session for Drafting, Finalizing and Assessing Evaluation Team Onsite Visit Reports	BAETE, IEB	5 August 2019
An experience-sharing session with the Mentors from IES, Singapore and BEM, Malaysia (Er. Prof. Kai Sang Lock, WA Mentor to BAETE from IES and Prof. Dato' Ir. Dr. Wan Hamidon Wan Badaruzzaman, WA Mentor to BAETE from BEM)	BAETE, IEB	3 May 2018
Workshops conducted by Prof. Dato' Ir. Dr. Hj. Wan Hamidon Hj. Wan Badaruzzaman and Prof. Ir. Dr. Hjh Siti Hawa Hamzah, Washington Accord Mentor to BAETE from Board of Engineers Malaysia	BAETE, IEB	12-13 December 2017
Workshop on Assessment of Course and Programme Outcome	University of Malaya, Malaysia	19 October 2010
Workshop on Outcome Based Education and Quality Assurance in Teaching and Learning	Hotel Armada, Petaling Jaya, Malaysia (Organized by University of Malaya, Malaysia)	24 October 2009

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

QA Areas	Organized by	Year & Duration
Workshop on Experiences on Outcome-Based Teaching and Learning	Orientation Program for New Faculty Members	All sessions from 2022 - Continuing
Expert Member of QAC of The Millennium University (TMU)	Appointed by the University Grants Commission (UGC) of Bangladesh	3 years (until 2026)
Workshop on Outcome-Based Education (OBE)	CSE, EWU	30/1/2023
Workshop on Complex Engineering Problems	University of Liberal Arts Bangladesh (ULAB)	26/2/2023
Workshop on Finalization of the OBE Curriculum (PO-CO & KPA Mapping)	Department of Naval Architecture and Marine Engineering (NAME), Bangladesh University of Engineering and Technology (BUET)	27/2/2023
Addressing Complex Engineering Problems in Engineering Curriculum Development	Daffodil International University (DIU)	28/2/2023
Workshop on Outcome-Based Education (KPA Mapping)	Department of Naval Architecture and Marine Engineering (NAME), Bangladesh University of Engineering and Technology (BUET)	9/3/2023
Introducing Complex Engineering Problems in Final Year Design Project	Daffodil International University (DIU)	6/5/2023
Workshop on BAETE Accreditation for Computer Science and Engineering (CSE) Programs	United International University (UIU)	25/10/2023
Workshop on Outcome-Based Education (OBE) Implementation of	GEB, EWU	13/11/2023

Department of Genetic Engineering and Biotechnology Program		
Workshop on Outcome-Based Education (OBE) Implementation in B. Sc. (Hons) in Mathematics Program	MPS, EWU	9/10/2023
Expert for OBE Curriculum	Appointed by the Department of CSE, Feni University	June 2022
External Reviewer	Appointed by the Gulf College, Oman	May 2022
Keynote Speaker, Webinar on "Modern Outcome-Based Education System for Engineers"	IEEE Computer Society Bangladesh Chapter	16 April 2022
Conducted a daylong training session on Outcome-Based Education	IUBAT - International University of Business Agriculture and Technology	12 March 2022
Resource person (expert member) to conduct a webinar workshop on "Capacity Building in Outcome-Based Education Teaching Methods", for the faculty members of the Mathematical and Physical Sciences (MPS) and Civil Engineering Departments	IQAC, East West University, Bangladesh	13 November 2021
Resource person to conduct webinar workshop on "Capacity Building in OBE Teaching Methods" for the faculty members of the Department of Pharmacy, and Dept. of Genetic	IQAC, East West University, Bangladesh	4 December 2021

Engineering and Biotechnology		
Distinguished session chair of the international symposium webinar “Transition from Traditional to Outcome-Based Education: Call of the Hour”	East West University, Bangladesh.	13-14 November 2020
Keynote Speaker, Workshop on “Curriculum Development”	Mawlana Bhashani Science and Technology University (MBSTU)	September 2019
Keynote Speaker, Workshop on "Preparing for outcome-based course curriculum and its evaluation process”	Department of Computer Science and Engineering Bangladesh University of Business and Technology (BUBT)	May 2018
Conducted a workshop on Outcome-Based Education	IQAC, East West University, Bangladesh	November 2017

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

- Chair of Evaluation Team (ET) member for Accreditation of B.Sc. in Computer Science and Engineering (CSE) Program of United International University (UIU).
- Evaluation Team (ET) member for Accreditation of B.Sc. in Computer Science and Engineering (CSE) Program of Khulna University of Engineering Technology (KUET).
- Chair of Evaluation Team (ET) for Accreditation of B.Sc. in Computer Science and Engineering (CSE) Program of the University of Liberal Arts Bangladesh (ULAB).
- Chair of Evaluation Team (ET) for Accreditation of B.Sc. in Computer Science and Engineering (CSE) Program of Port City International University (PCIU).
- Evaluation Team (ET) member for Accreditation of B.Sc. in Computer Science & Engineering Program of North South University.
- Evaluation Team (ET) member for Accreditation of B.Sc. in Computer Science and Engineering (CSE) Program of United International University (UIU).
- Evaluation Team (ET) member for Accreditation of B.Sc. in Computer Science and Engineering (CSE) Program of the University of Liberal Arts Bangladesh (ULAB).
- Evaluation Team (ET) member for Accreditation of B.Sc. in Computer Engineering (CoE) Program of American International University-Bangladesh (AIUB)

- Evaluation Team (ET) member for Accreditation of B.Sc. in Computer Science and Engineering (CSE) Program of American International University-Bangladesh (AIUB)

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

Experience in Graduate/Post-Graduate Level Education Development		
September 2023 – August 2024	1 Year	<p>Convener, Curriculum Development Committee for Post-graduate, Department of Computer Science & Engineering, East West University</p> <p>Member, Curriculum Review Committee, Data Science and Analytics for B.Sc. and M.Sc., Mathematical and Physical Sciences (MPS) Department, East West University</p>
August 2019- August 2023	4 Years	<p>Chair, Preparation of Self-Assessment Report (SAR) for Accreditation of the Bachelor of Science in Computer Science and Engineering (B.Sc. in CSE) Program</p> <p>Chair, Continuous Quality Improvement (CQI) Committee, Department of Computer Science & Engineering, East West University,</p> <p>Member, Program Self-Assessment Committee (PSAC), Department of Computer Science & Engineering, East West University</p>
August 2017– August 2019	2 Years	<p>Convener, Curriculum Review and Development Committee, Department of Computer Science & Engineering, East West University</p> <p>Convener, Self-Assessment Committee (SAC), Department of Computer Science & Engineering, East West University</p> <p>Convener, Department Development Committee (DDC), Department of Computer Science & Engineering, East West University</p>
May 2015 – June 2016	1 Year	Preparation of SAR, Department of Electrical Engineering, Faculty of Engineering, University

		of Malaya
May 2014 – April 2015	1 Year	Deputy B.Eng program coordinator for Computer Engineering, Department of Electrical Engineering, Faculty of Engineering, University of Malaya
January 2011-January 2014	3 Year	<p>Member of the Curriculum Review Committee, Department of Electrical Engineering, Faculty of Engineering, University of Malaya</p> <p>Member of Prospectus Committee, Department of Electrical Engineering, Faculty of Engineering, University of Malaya</p> <p>Member of SAR preparation and submission for Computer Engineering Program, Department of Electrical Engineering, Faculty of Engineering, University of Malaya</p> <p>Committee member for preparation of the SAR report for Telecom, Department of Electrical Engineering, Faculty of Engineering, University of Malaya</p> <p>In charge of the Annual Report, Department of Electrical Engineering, Faculty of Engineering, University of Malaya</p>
December 2010 – November 2011	1 Year	Computer Engineering Planner Committee Member, Department of Electrical Engineering, Faculty of Engineering, University of Malaya
July 2009 – June 2010	1 Year	EAC (Engineering Accreditation Council) Committee Member, Department of Electrical Engineering, Faculty of Engineering, University of Malaya

Research Achievements
<ol style="list-style-type: none"> 1. Paper titled "Trade-offs of Improper E-waste Recycling: An Empirical Study" received the prestigious "Best Paper Award" in the International Conference on Machine Intelligence and Emerging Technologies 2022 (MIET 2022).

2. Paper Titled, "E-waste Management and Recycling Model for Dhaka with Collection Strategy Application: A More Effective and Sustainable Approach", received the prestigious "**Best Paper Award**" in the International Conference on Intelligent Computing & Optimization 2023 (ICO-2023).
3. Won the prestigious "**Excellence Contribution Award**" at the 6th International Conference on Intelligent Computing and Optimization (ICO'2023).
4. Won the prestigious "**Outstanding Championship Award**" at the 7th International Conference on Intelligent Computing and Optimization (ICO'2023).
5. Received the "**Plaque of Appreciation**" from The Board of Accreditation for Engineering and Technical Education (BAETE) of the Institution of Engineers, Bangladesh (IEB), 2023.
6. Research profile has been in the **International Research Awards on New Science Inventions** (2023) under the category of "**Best Researcher Award**" for remarkable contributions to Digital Health and Biomedical Engineering research.
7. Received **ProX R&D Awards-2024** by **THE WORLD CLASS EDUCATORS HONORS** award.
8. Received "**Best Researcher**" Award from the **7Continents R&D Awards-24** held on 10 March 2024 at Hyderabad, India.
9. AD Scientific Index 2024: Recognized as "**Computer Science Best Scientist in the University**" and "Top 3% Scientists in Computer Science among the scientists in the AD Scientific Index in the World and/or Country".
10. Completed Professional Training on Quality Assurance in Higher Education ("**Professional Training for Capacity Building of IQACs**"), organized by the Bangladesh Accreditation Council (BAC), 12-03-2023 to 23-03-2023.
11. Completed "**Teaching Excellence Programme**" jointly organized by the University Grants Commission (UGC) of Bangladesh and British Council, 6 December 2022 to 17 March 2023.

Experience in Engineering Accreditation Activities

- i. Serving as a Chair and Member of the Evaluation Team (ET) for the International Accreditation (under the Washington Accord) of different programs of various universities, appointed by the Board of Accreditation for Engineering and Technical Education (BAETE), The Institution of Engineers, Bangladesh. [2016- continuing]
1. Additional Director, Quality Assurance (QA), Institutional Quality Assurance Cell (IQAC), East West University [2022 – continuing]

2. Expert Member of Quality Assurance Committee (QAC), Appointed by the University Grants Commission (UGC) of Bangladesh [2023 - Continuing]
3. Academic Auditor for Accreditation Committee and BAC Academic Audit, appointed by the Bangladesh Accreditation Council (BAC) [2024 – Continuing]
4. I was chair and member of various committees, like Continuous Quality Improvement (CQI) Committee, Preparation and Submission of Self-Assessment Report (SAR) for Accreditation of the Bachelor of Science in Computer Science and Engineering (B.Sc. in CSE) Program, and other related programs, Department Development Committee (DDC), Curriculum Review Committee, Program Self-Assessment Committee (PSAC), Self-Assessment Committee (SAC), Curriculum Development Committee for undergraduate and post-graduate (design of curriculum, syllabus, specialization course, teaching materials, etc.), Quality Assurance Committee (QAC), and Engineering Accreditation Council Departmental Committee. [2009 – 2024]
5. I have vast experience in Outcome Based Education (OBE) and I have been actively involved with this (together with accreditation exercises and curriculum development) during my attachment with the University of Malaya, Malaysia from 2009-2016. Additionally, I have been the key resource person and trainer of various workshops and seminars on OBE and accreditation exercises at East West University and other universities in Bangladesh since 2016 – till date. [2009 – 2024]

Development of OBE-Based Curriculum Development and Scientific Research

- i. I was involved in developing cutting-edge programs in Data Science and Analytics, Artificial Intelligence (AI) and Machine Learning (ML), and Cybersecurity, preparing students for the challenges of the Fourth Industrial Revolution (4IR).
- ii. I was actively involved in OBE-based curriculum development for undergraduate and postgraduate students (curriculum design, syllabus, specialization course, teaching materials, etc.)
- iii. I have been working in the fields of Wireless communications, Biomedical image processing, Bioinformatics, Artificial Intelligence/Machine Learning, Deep Learning, Robotics and Internet of Things, Green Computing/IT and Sustainable Development, Brain-Computer Interface (BCI), Biomedical signal Processing, and Electromagnetics, for almost 20 years, both in industrial exposure and academically research valued work. I have authored and co-authored several Science Citation Index (SCI)/Web of Science (WoS) and Scopus-indexed journals and conference papers (255+ papers; h-index: 25; i10-index: 59; citations: 2650+).

Expert Linkage with Industry and Working Experience with Project Management and Research/Innovation

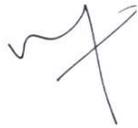
1. I was a Principal Investigator (PI) and Co-Investigator (CI) of the University of Malaya Research Grant, Malaysia, Fundamental Research Grant Scheme (FRGS), Malaysia, and

High Impact Research (HIR), University of Malaya, Malaysia during my attachment with the University of Malaya from 2010-2016.

2. Expert Linkages: (i) Collaborative Project, Keysight Technologies Sdn Bhd, 2016 (ii) Industrial Collaboration, Silterra Malaysia Sdn. Bhd., 2016 (iii) Industrial Collaboration, Motorola Solutions Malaysia Sdn Bhd, 2016 (iv) Research Collaboration: Development of Internet of Things Platform with LTE-A Networks and Beyond, Malaysian Nuclear Agency, 2015 (v) Technical Collaborative Effort: Development Of Wireless Benchmarking Platform, Hexamatics Servcomm Sdn Bhd, 2014, and (vi) Research collaboration and supervision of research projects (Adjunct Senior Lecturer), Multimedia University (MMU), 2014.
3. I applied as a Principal Investigator (PI) for some Research and Innovation (RIC) Grants, EDGE Project, ICT Division in 2024.

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Signature:

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