



Dr. Nazmun Nahid

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<https://www.researchgate.net/profile/Nazmun-Nahid> | **Website:**

<https://scholar.google.com/citations?user=Wtwydb4AAAAJ&hl=en>

● WORK EXPERIENCE

ASSISTANT PROFESSOR – DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, UNIVERSITY OF ASIA PACIFIC
– 12/01/2026 – Current – BANGLADESH

GRADUATE RESEARCH ASSISTANT – SOZO LAB – 30/09/2020 – 31/12/2025

- JST MIRAI project: Develop a personalized elderly monitoring system for dementia care facility (2022-present) [Responsibility: Research protocol design, data collection, and algorithm development.]
- Yaskawa-Chiho-Sousei project: Using mixed reality, develop a personalized Human Robot Collaboration System (2020- 2022) [Responsibility: Research protocol design, data collection, algorithm development, and system deployment.]
- Sub-projects: AR mobile app development for nurse assistance, 3D motion generation using generative AI applying domain knowledge, Nurse schedule estimation, and reallocation.

RESEARCHER (VISITING) – UNIVERSITY OF EAST LONDON – 06/2023 – 07/2023

Automated autism assessment system development using multimodal data.

RESEARCHER(VISITING) – SAKURA SCIENCE PROGRAM OSAKA PREFECTURE UNIVERSITY, JAPAN – 01/12/2019 – 21/12/2019

RESEARCH ASSISTANT – FABLAB DU – 31/07/2018 – 30/07/2020

Responsibilities: 3D printing, PCB development, Laser cutting, Wheeled robot hardware design, Prosthetic hand hardware design, and 3D modeling.

● EDUCATION AND TRAINING

01/10/2022 – 26/12/2025 Kitakyushu, Japan

DOCTORAL Kyushu Institute of Technology

Address 2-4 Hibikino, Wakamatsu-ku, Kitakyushu, Fukuoka, 808-0196, Kitakyushu, Japan |

Website <http://www.lsse.kyutech.ac.jp/english/departments/human.html>

30/09/2020 – 26/09/2022 Kitakyushu, Japan

MASTER'S Kyushu Institute of Technology

Address 2-4 Hibikino, Wakamatsu-ku, Kitakyushu, Fukuoka, 808-0196, Kitakyushu, Japan |

Website <http://www.lsse.kyutech.ac.jp/english/departments/human.html>

31/12/2013 – 09/06/2018 Dhaka, Bangladesh

B.SC. University of Dhaka

Address University Street, Dhaka , Bangladesh, 1000, Dhaka, Bangladesh | **Website** <http://eee.du.ac.bd/>

● **SELECTED PUBLICATIONS**

Hassan, I.*, Nahid, N.*, Islam, M., Hossain, S., Schuller, B., & Ahad, M. A. R. (2025). Automated Autism Assessment With Multimodal Data and Ensemble Learning: A Scalable and Consistent Robot-Enhanced Therapy Framework. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*.

Rahman, A.*, Nahid, N.*, Schuller, B., & Ahad, M. A. R. (2024). A stacked CNN and random forest ensemble architecture for complex nursing activity recognition and nurse identification. *Scientific Reports*, 14(1), 31667.

Nahid, N.*, Ahad, M. A. R., & Inoue, S. (2025). Context-Aware Alerting in Elderly Care Facilities: A Hybrid Framework Integrating LLM Reasoning with Rule-Based Logic. *Sensors*, 25(21), 6560. <https://doi.org/10.3390/s25216560>

● **HONOURS AND AWARDS**

2024

Kyutech Face: Featuring students for their research contribution – Kyushu Institute of Technology

2023

JST GE SPRING Fellowship – Japan Science and Technology Agency

10/03/2022

Student Design Competition- 2nd Runners Up – ACM/IEEE International Conference on Human-Robot Interaction

09/2021

NVIDIA AI Specialist – NVIDIA

Excellent Paper Award – ICIEV 2020

Outstanding Award – IAPR/IEEE Winter School on Biometrics 2020

Champion in the Bangladesh zonal round and 4th in the international round in Robo-race – TechKriti 2017, IIT Kanpur, India

● **ORGANIZATION AND COMMUNITY ENGAGEMENT**

2020 – CURRENT

International Conference on Activity and Behavior Computing (Part of the organizing team)

2022 – 2024

President of International Student Association of KYUTECH (Wakamatsu Campus)

● **RECOMMENDATIONS**

Sozo Inoue Supervisor

Professor, Kyushu Institute of Technology,
Department of Human Intelligence Systems,
Graduate School of Life Science and Systems Engineering

Email sozo@brain.kyutech.ac.jp

Md Atiqur Rahman Ahad, Co-Supervisor

Professor in AI & Machine Learning Dept. of Computer Science & Digital Technologies University of East London
University Way, London

Senior Member: *IEEE* & *OPTICA* (OSA)

Professor, University of Dhaka (Retired)

Specially Appointed Associate Professor, Osaka University (Retired)

Email m.ahad@uel.ac.uk