Individual Faculty Profile

Personal Information

Name: Mahbubur Rahman
Department: Computer Science & Engineering
Position: Lecturer & Program Coordinator
Email: mahbubur@cse.green.edu.bd
Phone Number: +880 1621771951

Academic Credentials

Degrees:

Degree	University	Year	Grade
M.Sc. in CSE	Jagannath University, Dhaka	**2021**	**3.63**
B.Sc. in CSE	Jagannath University, Dhaka	**2019**	**3.61**

Certifications:

Name	Issuing Authority	Year
Certificate of Appreciation as Organizer of the Inter Department Programming Contest (**IDPC, Spring 2024**)	Green University Computer Club (GUCC)	**2024**
Certificate of Appreciation as **Mentor Moderator**	Department of Computer Science & Engineering, GUB	**2024**
Certificate of Appreciation as **Mentor Moderator**	Center of Excellence for Teaching & Learning, GUB	**2023**
Certificate in Teaching and Learning (**CTL**)	Center of Excellence for Teaching & Learning, GUB	**2022**
Computer Basic & ICT Application Course	Department of Youth Development, Narayanganj	**2021**

Teaching and Professional Experiences

Institute	Position	Duration
Green University of Bangladesh	Program Coordinator (**PC**)	**01 May 2024-Till Now**
Green University of Bangladesh	Lecturer (**Full Time**)	**01 Feb 2024-Till Now**
Green University Computer Club (**GUCC**)	Deputy Moderator	**01 Dec 2023-30 Apr 2024**
Green University Student Mentorship Program (**GUSMP**)	Mentor Moderator	**01 Jun 2022-Till Now**
Green University of Bangladesh	Lecturer (**Contractual**)	**28 Mar 2022-31 Jan 2024**

Research Capacity, Area of interest, Specialization & Publications

Research Area of Interest:

- 5G Communication
- 5G Transceiver Designing
- Microwave Imaging

Specialization:

- 5G Transceiver & Microwave Imaging

On Going Research Project:

1. Title: NA
   Collaborators: NA

Publications (Last five years):

Journal Papers:

1. Nahid, N.A., Khan, M.P., Jiddney, M.A., **Mahbubur Rahman**, Samsuzzaman, M. and Mahmud, M.Z. 2024. A High-Performance Split Ring Resonator Based Slotted Microstrip Patch Antenna for Fifth Generation Communications. Jagannath University Journal of Science. 10, 2 (Feb. **2024**), 94–107. DOI: https://doi.org/10.3329/jnujsci.v10i2.71262.

2. Md. Zulfiker Mahmud, Md. Ashik Jiddney, **Mahbubur Rahman**, M. Samsuzzaman, Ayman A. Althuwayb and Mohammad Tariqul Islam, "A comprehensive review of ultra-wideband antennas for 5G applications", International Journal of Ultra-Wideband Communications and Systems, Published Online: October 27, **2022**, pp 142-155, https://doi.org/10.1504/IJUWBCS.2022.126777

3. **Mahbubur Rahman**, M. Z. Mahmud, M. A. Jiddney, M. A. Layek, U. K. Acharjee, "S-Shaped Slotted Multiband High Frequency UWB Antenna for 5G Applications", Jagannath University Journal of Science, vol. 7, no. 2, pp. 22- 28, **2021**. https://jnu.ac.bd/journal/portal/archives/science/7/2.jsp

Conference Papers:

4. M. Aminur Rahaman, M. Solaiman Mia, **Mahbubur Rahman** and M. Maskawath Latif, "An Energy Efficient Model of Software Development Life Cycle for Mobile Application," 2022 4th International Conference on Sustainable Technologies for Industry 4.0 (STI), Dhaka, Bangladesh, **2022**, pp. 1-6, doi: 10.1109/STI56238.2022.10103246.

5. **Mahbubur Rahman**, M. A. Jiddney, N. A. Nahid, M. P. Khan, M. Z. Mahmud and M. H. Rahman, "Design & Development of Brick Wall Shaped Microstrip Miniaturized Ultra-Wide Band Patch Antenna for Fifth Generation (5G)," 2022 International Conference on Advancement in Electrical and Electronic Engineering (ICAEEE), Gazipur, Bangladesh, **2022**, pp. 1-6, doi: 10.1109/ICAEEE54957.2022.9836347

6. M. A. Jiddney, M. Z. Mahmud, **Mahbubur Rahman**, L. C. Paul and M. Tariqul Islam, "A Circular Shaped Microstrip Line Fed Miniaturized Patch Antenna for 5G Applications," 2020 2nd International Conference on Sustainable Technologies for Industry 4.0 (STI), Dhaka, Bangladesh, **2020**, pp. 1-4, doi: 10.1109/STI50764.2020.9350513.

Professional Training/ Workshops Attended

SL.	Organizing Body	Duration	Year
1.	6- Week Long Workshop on Departmental Improvement Project, CSE, GUB.	Six Weeks	**2023**
2.	Workshop on Bi-semester LATEX Course Outline Updation, CSE, GUB.	Daylong	**2023**
3.	Workshop on the Design and Inclusion of the mapping table consisting of KP, CP, and EA in the Course Outline, CSE, GUB.	Daylong	**2022**
4.	Robotics Workshop, TechshopBD.	Daylong	**2016**

Conducted Courses

SL.	Course Title	Semester
1.	Discrete Mathematics	**Spring 2023, Spring 2022**
2.	Structured Programming Language	**Summer 2022**
3.	Structured Programming Language Lab	**Summer 2022**
4.	Object Oriented Programming Lab	**Spring 2023**
5.	Computer Architecture	**Fall 2024, Spring 2024, Fall 2023, Spring 2023, Fall 2022, Spring 2022**
6.	Computer Networking	**Spring 2022, Fall 2022**
7.	Computer Networking Lab	**Spring 2022, Fall 2022**

8.	Computer & Cyber Security	**Spring 2023, Summer 2022, Fall 2022**
9.	Microprocessors & Microcontrollers	**Fall 2023, Summer 2022**
10.	Microprocessors & Microcontrollers Lab	**Fall 2023**
11.	Web Programming	**Spring 2024, Fall 2024**
12.	Web Programming Lab	**Spring 2024, Fall 2024**
13.	Data Communication Lab	**Spring 2024, Fall 2023**
14.	Digital Logic Design Lab	**Spring 2023, Fall 2023**
15.	Computer Programming Lab	**Spring 2023**
16.	Engineering Drawing	**Summer 2022**
17.	Information System Design	**Summer 2022**
18.	Database System Lab	**Spring 2022**