

**Short Bio**  
**of**  
**Dr. Hasan Mahmood Aminul Islam**

Dr. Hasan Mahmood Aminul Islam is an Assistant Professor in the Department of Computer Science and Engineering (CSE) at East West University in Dhaka, Bangladesh. He earned a Doctor of Science degree in Technology (CSE) from the School of Science at Aalto University, Finland, in 2018. Previously, he worked as a Specialist in System-on-Chip (SoC) Software at Nokia headquarters in Espoo, Finland, where he developed Layer 1 Low (l1low) software drivers for 5G technology from 2019 to 2022. During his doctoral studies, he played a key role in the EU-H2020 POINT Project, which focused on future internet architecture (ICN). For his master's thesis, he collaborated with the Nomadic Laboratory at L.M. Ericsson in Finland, working closely with the IETF community on data channel protocol options for RTCWeb. His research interests include data communications and distributed systems, Internet protocols, IoT protocols, Future Internet architecture, Information-Centric networking, and Delay-Tolerant Networking.

**Rashedul Amin Tuhin**

Rashedul Amin Tuhin is a Senior Lecturer in the Department of Computer Science and Engineering at East West University, Dhaka. He holds an M.Sc. in Network Services and Systems from KTH Royal Institute of Technology, Sweden, and a B.Sc. in Electrical and Electronic Engineering from the Islamic University of Technology (IUT), Bangladesh. His academic excellence has been recognized through prestigious awards, including the Swedish Institute Study Scholarship (2011) and the Panduit Scholarship (2008). His research interests span Cybersecurity, Human Factors in Computing, and Sustainable and Green Computing. He has authored over 25 peer-reviewed publications in international journals and conference proceedings. Tuhin is actively engaged in research and innovation, currently contributing to projects on Sustainable Campus Transformation, Digital Signature, and other industry-collaborative initiatives. He remains committed to advancing applied research and fostering industry-academia partnerships, playing a vital role in shaping practical and sustainable technological solutions.

**Dr. Riadul Islam**

Dr. Riadul Islam is currently an assistant professor in the Department of Computer Science and Electrical Engineering at the University of Maryland, Baltimore County. In his Ph.D. dissertation at UCSC, Riadul designed the first current-pulsed flip-flop/register, leading to the first-ever one-to-many current-mode clock distribution networks for high-performance microprocessors. From 2017 to 2019, he was an Assistant Professor at the University of

Michigan in Dearborn, MI, USA. From 2007 to 2009, he worked as a full-time faculty member in the Department of Electrical and Electronic Engineering of the University of Asia Pacific, Dhaka, Bangladesh. He is a member of the ACM, IEEE, IEEE Circuits and Systems (CAS) society, and IEEE Solid-State Circuits (SSC) Society. He is a member of the Cybersecurity Center for Research, Education, and Outreach at the UM-Dearborn. He holds two US patents and several IEEE/ACM/Springer Nature journal and conference publications in TVLSI, TCAS, JETTA, DAC, ISCAS, MWSCAS, ISQED, and ASICON. His current research interests include digital, analog, and mixed-signal CMOS ICs/SOCs for a variety of applications; verification and testing techniques for analog, digital, and mixed-signal ICs; hardware security; CAN network; CAD tools for design and analysis of microprocessors and FPGAs; automobile electronics; and biochips. He is an editorial board member of the Semiconductor Science and Information Devices journal.

### **Dr Sanaul Haque**

Dr Sanaul Haque is a young and first Bangladeshi Behavioural Scientist. He holds a PhD in Medicine (Medical Engineering Technology) from the University of Oulu, Finland, in 2020, an MSc degree in Telecommunications from QMUL (Queen Mary, University of London), London, the UK, in 2014, and holds a BSc(Hons) degree in Information Systems from UEL (University of East London), London, the UK, in 2012. He also holds a Certification in Teaching and Learning from South East Technological University (SETU), Ireland, in 2021. During his PhD, he collaborated and worked with King's College London (KCL), the UK, University College Dublin (UCD), Ireland, and his master's thesis was funded by QMUL and in collaboration with UCL (University College London), the UK. Presently, Dr Sanaul is working as a Senior Behavioral Scientist at Colcrane Behavioral Insights, Helsinki Oy, and as a Post-doctoral Research Scientist at the LUT University, Finland. He has also worked as a Visiting Scientist at the University of Bari, Aldo Moro, Italy, in 2021, and Jönköping University, Sweden, in 2023. He has been conducting multidisciplinary research activities. His research area covers persuasive technology and gamification towards digital solutions. His research aims at understanding how digital interventions can be sustained through citizen behavioural change. Dr Sanaul has worked in many EU projects such as FP7 eDIGIREGION, H2020 CHESS ITN, ENJECT COST program, etc., and closely interacted with relevant stakeholders. He has also secured many local Irish and Finnish funds to disseminate his research outputs. He was the co-leader for WP5 of the Smart Campus project ([www.smartcampus.fi](http://www.smartcampus.fi)), an Academy of Finland-funded project (2021-2022).

