Professor Dr. Mayeen Uddin Khandaker graduated from the University of Chittagong in 1996. He did MSc in Nuclear Physics from the same University in 1997. He made a brilliant result (1st class 1st position) in both the BSc (Physics) and MSc (Physics) examinations. Professor Mayeen was conferred a Ph.D. in Radiation and Nuclear Physics by Kyungpook National University, South Korea in 2008. He is a life member of the Bangladesh Medical Physics Society and a voting member of the International Radiation Physics Society.

Professor Mayeen is currently working as a Professor of Applied Physics and Radiation Technology at the School of Engineering and Technology, Sunway University, Malaysia. Previously, he worked as a Lecturer of Physics at the International Islamic University Chittagong, Bangladesh, as an Assistant Professor of Physics at the American International University-Bangladesh, an Associate Professor of Physics at the University of Malaya, Malaysia. He also worked as a nuclear scientist at the International Atomic Energy Agency (Austria), a pre-doctoral and post-doctoral researcher at the Korea Atomic Energy Research Institute (Korea), and a short-term post-doctoral research fellow at the France Atomic Energy Agency (CEA), Saclay, Paris, France. At present, he has more than 20 years of teaching experience at the university level, whereas his prime responsibility is to teach various physics courses to undergraduate and postgraduate students.

He has been serving as a senate member of Sunway University, Malaysia since 2018. Prof. Mayeen held a visiting scientist position at the Physical and Chemical Sciences (RIKEN, Japan) and the National Institute of Radiological Sciences (Japan) since 2012. He served as a Co-Chair, member of the International Scientific Committee, Keynote and invited speaker for many international conferences held in different countries including the USA, UK, Russia, Austria, Australia, Japan, Germany, Saudi Arabia, Egypt, Jordan, Bangladesh, Nigeria, Kuwait, India, Thailand, Italy, Poland, Hungary, Korea.

He has conducted numerous research projects in the field of Physics. As one of the Chief Scientific Investigators, he secured a highly prestigious research grant from the IAEA (Austria) for developing the accelerator production of theranostic radionuclide and radiopharmaceuticals. At present, Prof. Mayeen is supervising 6 PhD and 2 MSc students (14 PhD and 21 MSc students have already been awarded under his supervision) and handling several research projects focusing on: (i) optimizing production parameters for medical radionuclides for automated production by state-of-the-art technology such as the cyclotron; (ii) detecting and removing radioactive and toxic metals in foodstuffs and environmental matrices for expanding access to safe water and foodstuffs to ensure the safety of human health, (iii) developing novel radiation dosimeters to provide accurate monitoring of radiation in medical, industrial, and environmental applications. Currently, he is doing joint research together with a number of scientists and professors from Japan, the IAEA, Kuwait, the United Kingdom, India, Saudi Arabia, Malaysia and Bangladesh.

He has published more than 550 research papers in Web of Science/Scopus-indexed journals including 39 review papers, 28 conference papers, 7 book chapters, and 4 editorials/letters. Many of his published papers are in line with the SDGs and unique in creating respective societal impacts. The overall standard of his published papers is 94% (Tier-1/2) category under WoS/Scopus database. Within the period of his research career, his published works have been cited over 9500 times with an h-index of 48 (Google Scholar). This number is within the top 1% in the 'Nuclear Science and Technology' category, which is his core research field.

Professor Mayeen is serving as the Editorial Boards of several international journals in the fields of Applied Physics and Radiation Technology including the Associate Editor of Radiation Physics and Chemistry (Elsevier, Top 10% and Q1 journal), Handling Editor of Physics Open (Elsevier), Managing Guest Editor of Physics Open (Elsevier), Editor of Scientific Reports (Springer Nature), and Guest editor of Radiation Physics and Chemistry (IFARP-2, IFARP-3, ISRP-15, IFARP-5; Elsevier), Nanomaterial (MDPI), Water (MDPI), Frontiers, Editorial Board Member of DIU Journal of Science and Technology, Advisor of Dhaka University Journal of Applied Science & Engineering, Editor of Nigeria Journal of Pure and Applied Physics to name a few.

Professor Mayeen is the recipient of the 'Excellence in Research-2022 (Commendation)' by Sunway University, Malaysia. His service to the scientific community has been recognized and acknowledged for instance by Elsevier as one of its most valuable reviewers for the years 2016, 2017, 2018, and 2021. Professor Mayeen is also listed as one of the top 2% highly cited researchers by Elsevier-Stanford University for the years 2020, 2021 and 2022 consecutively. In addition to serving as an external and internal examiner of more than 12 Ph.D. and 15 MSc theses from home and abroad, he has also evaluated many international research projects from United Arab Emirates University, Kuwait Foundation for the Advancement of Sciences, National Center of Science and Technology Evaluation, Kazakhstan, Australian Research Council, Canberra, Australia.
Further details of prof. Mayeen can be found at https://sunwayuniversity.edu.my/school-of-engineering-technology/staff-profiles/professor-mayeen-uddin-khandaker