

# CURRICULUM VITAE



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## 1. Personal C Identification Information

- Name: **Professor Dr Mamun Ahmed**
- Current Position:  
Chairman, University Grants Commission of Bangladesh (UGC)
- Contact Information:
  - Tel: +880-2-9661900/7640 (Off.); +88029674897 (Res)
  - Mobile: +8801718384064
  - Email: [mahmedbio@du.ac.bd](mailto:mahmedbio@du.ac.bd)
  - Residence: 3A Shaheed Munir Chowdhury Bhaban, Dhaka University R/A, Dhaka-1000, Bangladesh
  - Permanent Address: Village: Jagotpur; P.S: Ramgonj; Upazilla: Ramgonj; District: Lakshmipur
  - Marital Status and Family: Married with one daughter. Wife Dr Shaila Nazneen is an associate professor at the Government Eden College, Dhaka. Daughter Sarah Nafea Ahmed is pursuing Doctor of Medicine (MD) at Geisinger Commonwealth school of Medicine, Pennsylvania, USA.
- Nationality: Bangladeshi
- Date of Birth: 01 Jan 1967

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## 2. Summary of Academic & Leadership Profile

Professor Dr. Mamun Ahmed is a distinguished academic leader, senior professor, and nationally respected higher education policymaker, currently serving as the **Chairman of the University Grants Commission of Bangladesh (UGC)**. Before joining UGC, Professor Ahmed served the University of Dhaka as its Pro-Vice Chancellor (Academic) from 12 September 2024 to 17 March 2026 and Professor (Selection Grade) in the Department of Biochemistry and Molecular Biology.. With more than **three decades of experience** in teaching, research, academic administration, and international engagement, he represents a rare blend of scholarly depth, executive governance, and national service.

Professor Ahmed's academic career is grounded in strong international training, having earned his **PhD in Molecular Virology** from **Nihon University School of Medicine, Japan**,

followed by **post-doctoral fellowship and research appointments at the University of Pittsburgh, USA**, and collaborative work with leading biomedical research institutes in the United States. His sustained engagement in **translational and clinical molecular diagnostics**, particularly in virology, has positioned him as a nationally recognized expert whose work bridges research, education, and public health impact. His frontline scientific leadership during the **COVID-19 pandemic** further reflects his capacity to translate academic expertise into national crisis response.

As **Pro-Vice Chancellor (Academic)**, Professor Ahmed played a central role in shaping academic policy, strengthening quality assurance, advancing research excellence, and guiding institutional reforms aligned with global standards. His leadership portfolio encompasses curriculum oversight, accreditation readiness, faculty development, research documentation, and international ranking strategies. He was actively engaged with the **University Grants Commission, World Bank, and international partners** to align institutional development projects with national higher education priorities and the Sustainable Development Goals.

Professor Ahmed also served as **Dean of the Faculty of Biological Sciences**, overseeing multidisciplinary academic units and fostering a culture of research productivity, merit-based recognition, and student achievement. His long-standing commitment to democratic governance is reflected in his role as a **three-time elected member of the University of Dhaka Senate**, as well as his earlier leadership as **General Secretary and Joint Secretary of the Dhaka University Teachers' Association (DUTA)**. These roles underscore his credibility as a consensus-builder and advocate of participatory decision-making in academia.

At the national and international levels, Professor Ahmed has emerged as a leading figure in **academic diplomacy and internationalization**. He has led and participated in high-level engagements with universities, embassies, ministries, and research institutions across **Japan, China, the United States, Europe, Turkey, Nigeria, Singapore, Denmark, and Italy**. Through these initiatives, he has facilitated **multiple Memoranda of Understanding (MoUs)** focused on joint research, faculty and student exchange, joint PhD programmes, digital learning platforms, artificial intelligence in education, and capacity building in science, technology, health, and environmental studies—directly contributing to the global visibility and ranking advancement of the University of Dhaka.

Professor Ahmed is equally recognized for his **institutional leadership beyond academics**, including initiatives in student welfare, scholarships for underprivileged learners, research fellowships, healthcare improvement, digital transformation, campus safety, and humanitarian engagement. His leadership during the **July Mass Uprising commemorative and research initiatives** reflects his commitment to institutional memory, civic responsibility, and the university's historic role in national transformation.

Widely respected for his integrity, inclusiveness, and strategic vision, Professor Dr Mamun Ahmed embodies a leadership philosophy rooted in **academic excellence, institutional autonomy, social responsibility, and global engagement**. His executive academic profile

positions him as a credible and experienced leader for the highest levels of university governance, both nationally and internationally.

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### 3. Academic Vision C Leadership Philosophy

*The academic leadership philosophy is grounded in the conviction that a modern public university must function simultaneously as a centre of knowledge creation, a guardian of academic freedom, and a driver of national and global development. This vision emphasises inclusive governance, academic autonomy, international engagement, and innovation-led excellence, while remaining firmly committed to social responsibility and student welfare.*

#### Governance and Autonomy in Higher Education

The leadership approach upholds institutional autonomy, transparency, and participatory governance as foundational principles of a credible university system. Academic decisions must be evidence-based, consultative, and aligned with statutory frameworks, ensuring that universities retain intellectual independence while remaining accountable to society. Strengthening internal governance structures and fostering dialogue among faculty, students, and administrators are viewed as essential to sustainable institutional progress.

#### Quality Assurance and Accreditation

A strong commitment is placed on quality assurance, accreditation, and continuous improvement as drivers of academic credibility and global competitiveness. Emphasis is given to outcome-based education, curriculum modernization, and rigorous assessment systems aligned with national and international standards. Quality assurance is regarded not as a compliance exercise, but as a culture embedded in teaching, research, and administration.

#### Research Excellence and Innovation

Research excellence is central to the university's mission and international standing. The leadership philosophy prioritises high-impact, interdisciplinary, and problem-oriented research, addressing national priorities while contributing to global knowledge. Creating an enabling research ecosystem—through incentives, recognition, capacity-building, and international collaboration—is viewed as essential for nurturing innovation and sustaining academic excellence.

#### Internationalisation and Academic Diplomacy

Internationalisation is envisioned as a strategic instrument for academic enrichment and institutional visibility. The approach emphasises academic diplomacy, collaborative research, joint degree programmes, faculty and student mobility, and meaningful partnerships with leading global universities. Such engagement strengthens cross-cultural understanding, enhances research capacity, and positions the university as an active participant in global higher education networks.

## Digital Transformation and Artificial Intelligence in Education

Digital transformation is recognised as a critical enabler of access, quality, and resilience in higher education. The leadership philosophy supports the responsible integration of digital technologies and artificial intelligence in teaching, learning assessment, research management, and governance. Technology is viewed as a tool to enhance pedagogical effectiveness, expand learning opportunities, and improve institutional efficiency, while safeguarding academic integrity and ethical standards.

## Equity, Access and Student Welfare

Equity and inclusion are regarded as moral and institutional imperatives. The vision prioritises student welfare, financial support for disadvantaged learners, mental health, and safe learning environments, ensuring that talent and merit are not constrained by socio-economic barriers. A student-centred approach underpins all academic and administrative policies, recognising students as partners in the university's intellectual and social mission.

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## 4. Educational Qualifications & Skills

Professor Dr. Mamun Ahmed possesses a strong academic foundation supported by internationally recognized qualifications and advanced professional training in molecular biology, virology, and translational biomedical research. His educational trajectory reflects sustained academic excellence, rigorous research training, and continuous professional development aligned with global standards in higher education and biomedical sciences.

### Academic Degrees (Chronological)

#### Doctor of Philosophy (PhD) in Molecular Virology

Department of Pathology

Nihon University School of Medicine, Tokyo, Japan — 1996

- Doctoral research focused on molecular and immunological aspects of viral infections
- Extensive training in advanced virology, molecular genetics, and immunopathology
- PhD awarded from a leading medical school in Japan with strong research orientation

#### Master of Science (MSc) in Biochemistry (Research Group)

University of Dhaka, Bangladesh — 1988

- Achieved **First Class**
- Research-based postgraduate training with emphasis on experimental biochemistry and molecular techniques

**Bachelor of Science (BSc) (Honors) in Biochemistry**  
University of Dhaka, Bangladesh — 1987

- Achieved **First Class**
- Comprehensive undergraduate courses in biochemistry, molecular biology, and allied biological sciences

**Higher Secondary Certificate (HSC)**  
Comilla Board, Bangladesh — 1983

- **First Division**

**Secondary School Certificate (SSC)**  
Comilla Board, Bangladesh — 1981

- **First Division**
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**Postdoctoral & Advanced Research Training**

**Postdoctoral Fellowship in Molecular Biology & Molecular Genetics**  
Department of Molecular Biology & Molecular Genetics  
University of Pittsburgh, Pittsburgh, USA — 1997–1999

**Research Associate (Advanced Translational Research Training)**  
Thomas E. Starzl Transplantation Institute, Pittsburgh, USA  
C University of Nebraska, Lincoln, USA — 1999–2001

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**Research Skills**

Professor Ahmed has skills in advanced laboratory and analytical techniques relevant to modern biomedical research and higher education. Including:

- Molecular diagnostics and clinical virology
  - Real-time PCR, RT-PCR, ARMS-PCR, TaqMan assays
  - DNA sequencing and pyrosequencing technologies
  - High Performance Liquid Chromatography (HPLC)
  - LC/MS/MS and ELISA-based diagnostic platforms
  - Translational research methodologies for diagnostic assay development
  - Advanced biostatistical and data analysis using SPSS, STATA, MedCalc, Haploview, Kinetica, Genetyx, and graph-based analytical software
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## 5. Academic Appointments & Career Progression

*Professor Dr Mamun Ahmed's academic career demonstrates a steady and merit-based progression through all academic ranks at the University of Dhaka, complemented by significant international research appointments and sustained administrative leadership. His career reflects long-term institutional commitment, scholarly excellence, and increasing responsibility in academic governance, research leadership, and national service.*

### Academic Appointments

#### **Professor (Selection Grade)**

Department of Biochemistry & Molecular Biology

Faculty of Biological Sciences, University of Dhaka — 2020–Present

- Attained the highest academic rank in recognition of sustained excellence in teaching, research, supervision, and institutional service
- Provides senior academic leadership in curriculum development, research strategy, postgraduate education, and faculty mentoring
- Plays an advisory role in departmental, faculty, and university-wide academic and research initiatives

#### **Professor**

Department of Biochemistry & Molecular Biology

University of Dhaka — 01 December 2008– 2015

- Delivered advanced undergraduate and postgraduate teaching, including specialised courses in **Virology** and **Molecular Diagnostics**
- Led research initiatives in molecular virology, clinical diagnostics, and translational biomedical science
- Supervised postgraduate research students and contributed to the expansion of departmental research capacity

#### **Associate Professor**

Department of Biochemistry & Molecular Biology

University of Dhaka — 01 December 2004– 30 November 2008

- Established an independent research profile with peer-reviewed publications
- Actively contributed to postgraduate teaching and laboratory-based research training
- Participated in academic committees and departmental administrative responsibilities

#### **Assistant Professor**

Department of Biochemistry & Molecular Biology

University of Dhaka — 24 October 1997– 30 November 2004

- Strengthened teaching and laboratory instruction at undergraduate and postgraduate levels
- Developed research expertise in molecular virology and diagnostics following overseas training
- Initiated student research supervision and collaborative research activities

### **Lecturer**

Department of Biochemistry C Molecular Biology  
University of Dhaka — 28 March 1996– 23 October 1997

- Commenced academic career with responsibility for undergraduate teaching and laboratory classes
  - Contributed to curriculum delivery and student mentoring
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## **International Research & Academic Appointments**

### **Research Associate**

Thomas E. Starzl Transplantation Institute, Pittsburgh, USA  
& University of Nebraska, Lincoln, USA — 01 December 1999– 30 November 2001

### **Postdoctoral Fellow**

Department of Molecular Biology C Molecular Genetics  
University of Pittsburgh, Pittsburgh, USA — 01 December 1997– 30 November 1999

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## **Administrative & Executive Academic Appointments**

### **Pro-Vice Chancellor (Academic)**

**University of Dhaka 2024 — [Current]**

- Provides executive leadership in academic planning, policy formulation, quality assurance, and curriculum oversight
- Coordinates university-wide academic reforms, accreditation initiatives, and research documentation
- Represents the University in national and international academic, policy, and diplomatic forums

### **Dean, Faculty of Biological Sciences**

**University of Dhaka — August 2024– 2024**

- Oversees academic administration of a large multidisciplinary faculty

- Guides curriculum standards, research priorities, and faculty performance evaluation
- Promotes interdisciplinary research and student academic development

### **Assistant Proctor**

Faculty of Biological Sciences, University of Dhaka — *Seven Years*

- Played a key role in maintaining campus discipline, student welfare, and academic integrity
  - Supported crisis management and administrative coordination within the faculty.
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### **Academic Leadership Roles, Additional Responsibilities & Governance Assignments**

- **Elected Member, University of Dhaka Senate** — *Three terms (including current)*
    - Participates in the highest statutory body responsible for academic, financial, and administrative governance
  - **General Secretary, Dhaka University Teachers' Association (DUTA)**
    - Provided leadership on academic rights, faculty welfare, and institutional governance
  - **Joint Secretary, Dhaka University Teachers' Association (DUTA)** — *Two terms*
    - Supported organizational leadership, policy advocacy, and stakeholder engagement
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### **Key Career Milestones & Institutional Trust**

- More than **30 years of continuous academic service** at the University of Dhaka
  - Progression through **all academic ranks** culminating in Selection Grade Professorship
  - Appointment to **executive leadership roles** reflecting institutional confidence and peer trust
  - Sustained contribution to **research excellence**, postgraduate supervision, and international collaboration
  - Recognition as a senior academic voice in **national higher education governance and policy discourse**
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## 6. Executive & Administrative Leadership Roles

*Provided strategic executive leadership at the highest levels of university administration, contributing to governance reform, institutional stability, academic excellence, and large-scale organizational transformation at the University of Dhaka.*

### Pro-Vice Chancellor: Executive Responsibilities and Strategic Leadership

As Pro-Vice Chancellor, exercised broad executive authority across academic, administrative, financial, and student-related domains and playing a central role in policy formulation and institutional decision-making. Key responsibilities included:

- Strategic oversight of academic affairs, research development, quality assurance, and international collaboration.
- Supervision and coordination of faculty development, student welfare, and institutional initiatives across multiple faculties and institutes.
- Representation of the University of Dhaka in high-level national and international forums, diplomatic engagements, and negotiations with foreign universities, embassies, development partners, and international agencies.
- Leadership in crisis response, institutional resilience, and campus stability during periods of national and student unrest.

### Participation in Senate, Syndicate and Statutory Bodies

Actively contributed to the University's highest statutory and decision-making bodies, ensuring compliance with legal frameworks while promoting academic autonomy and institutional integrity.

- Participated in Senate and Syndicate-level deliberations, contributing to policy discussions on academic governance, student affairs, infrastructure development, and financial planning.
- Engaged with the University Grants Commission (UGC) and external stakeholders on matters relating to development projects, student housing, research funding, and institutional reforms and many more.
- Played a consultative role in aligning university policies with national higher education priorities, accreditation requirements, and quality assurance standards.

### Chairmanships, Convenorships and Committee Leadership

Provided leadership through chairing and convening key committees, taskforces, and coordination bodies critical to institutional governance and reform.

- Convener, Committee for Formulation and Amendment of the Election Code of Conduct, contributing to transparent, fair, and accountable student and institutional electoral processes.

- Convener, Dhaka University Academic Seminar Organizing Committee on the July Mass Uprising, coordinating a university-wide, month-long academic and commemorative program.
- Chaired multiple faculty, hall, and university-level committees, seminars, and strategic meetings addressing governance, academic culture, student engagement, and national responsibility.
- Led coordination meetings involving former DUCSU leaders, political figures, and student organizations, facilitating dialogue on student representation, campus democracy, and institutional harmony.

## Major Institutional Reforms and Strategic Interventions Led

Played a pivotal role in several major institutional reforms and strategic initiatives with long-term impact on governance, structure, and academic delivery.

- Peaceful separation of the University of Dhaka and the Seven Government Colleges of Dhaka, contributing to the formal transfer of academic, administrative, and financial responsibilities to the newly proposed Dhaka Central University, ensuring institutional clarity and stability.
- Formation of a Central Coordination Committee and sub-committees to address student safety and infrastructure risks following recurrent earthquakes, overseeing rapid on-site inspections and structural assessments of, academic buildings and other university facilities.
- Leadership in student welfare-oriented reforms, including establishment of trust funds, scholarships, stipends, and enhanced healthcare services through international MoUs and development partnerships.
- Strategic engagement in infrastructure modernization initiatives, including female student residences, ICT laboratories, smart campus planning, and healthcare facility upgrades, in collaboration with government bodies, development partners, and industry stakeholders.

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## 7. Strategic Leadership in Internationalization & Academic Diplomacy

*As Pro-Vice Chancellor, provided strategic leadership in advancing the internationalization agenda of the University of Dhaka through high-level academic diplomacy, institutional partnerships, and sustainable global collaborations aimed at enhancing research excellence, teaching quality, and global visibility.*

### High-Level Bilateral and Multilateral Academic Engagements

- Led and hosted a 13-member Chinese delegation headed by Mr. Sun Yong, Vice Governor of Anhui Province, China (August 2025), focusing on deepening cooperation

in education and research, particularly in science and technology, biotechnology, and artificial intelligence.

- Conducted bilateral discussions with Professor Dr Kenichi Kubota, Emeritus Professor, Kansai University, Japan (August 2025), to further strengthen ongoing joint academic and research collaborations, including faculty, student, and researcher exchanges.
- Held courtesy discussions with Mohammad Waseem, Deputy High Commissioner of Pakistan to Bangladesh (July 2025), exploring expanded academic collaboration with higher education institutions in Pakistan, including faculty and student mobility and language education initiatives.
- Met with senior representatives of the Embassy of Denmark in Dhaka (January 2025) to exchange views on teaching methodologies, assessment systems, certification processes, and academic documentation practices, laying the groundwork for future institutional collaboration.

### International Conferences, Symposia and Academic Forums

- Participated as an invited guest of Kobe University, Japan, in two international symposiums under the Joint Virtual Campus (JVC) and Global Network Programme (GNP) initiatives (March 2025), engaging with universities from the United States, China, Indonesia, Cambodia, and Thailand.
- Contributed to high-level discussions organized by the Ministry of Education, Japan, emphasizing global talent development, curriculum innovation, and international academic cooperation.
- Represented Bangladesh at the 3rd D-8 Network of Pioneers for Research and Innovation (NPRI) Conference in Nigeria (November 2024), promoting inter-university collaboration, innovation-driven research, and technology-enabled development among D-8 member states.

### Institutional Partnerships and Memoranda of Understanding (MoUs)

- Advanced negotiations with Kobe University, Japan, including discussions with the Executive Vice President, Professor Tamaki Hisashi, on expanding collaborative academic and research programmes and continuing joint PhD initiatives.
- Led discussions with Professor Dr Keiichi Ogawa of Kobe University (November 2024), resulting in consensus on jointly organizing conferences, seminars, and special lectures, and progressing towards a formal Memorandum of Understanding.
- Strengthened long-standing collaboration with the Chinese Academy of Sciences through meetings led by Professor Dr Gan Zhang (November 2024), with agreement to renew the existing MoU and expand joint research in chemistry, environment, and air pollution.
- Engaged with a five-member delegation from China's National Marine Environmental Forecasting Centre led by Director General Dr Fujian Yu (October 2024), focusing on the establishment of a joint forecasting center and the expansion of joint Master's and PhD programmes in oceanography, climate change, and disaster management.

- Conducted high-level exchanges with an 11-member delegation from Peking University, China, led by Vice President Professor Dr Ning Qi (August 2025), reaching consensus on signing an MoU to enhance collaboration in science and technology, environment, language, and cultural studies.
- Initiated academic collaboration with Firat University, Turkey, through discussions with Professor Dr Mehmet Cavas (June 2025), particularly in Electrical and Electronic Engineering, Robotics, and Mechatronics, including faculty, researcher and student exchange.

### Academic Diplomacy and Global Engagement Initiatives

- Participated in courtesy meetings with the Charge d’Affaires of the Singapore High Commission (April 2025), strengthening bilateral cooperation in higher education, research, economic development, and socio-cultural exchange.
- Played a key role in the inaugural programme of the China–Bangladesh People-to-People Exchange Year: Yunnan Education and Health Promotion initiative (April 2025), facilitating multiple MoUs between the University of Dhaka and leading Chinese universities and medical institutions.
- Oversaw the signing of an MoU between the Department of Biochemistry and Molecular Biology, University of Dhaka, and Yunnan Cancer Hospital and Kunming Medical University to advance medical research and professional training.
- Contributed to securing Chinese government funding support for the construction of a residential hall for female students at the University of Dhaka, reinforcing international cooperation with tangible institutional impact.

### Strategic International Research and Capacity Building

- Led institutional meetings with the First Institute of Oceanography (FAFIO), China, in Kunming (December 2024), culminating in the signing of an MoU to promote joint research in physical, chemical, and biological oceanography, disaster forecasting, and marine resource management.
- Engaged with a U.S. Fulbright Specialist (February 2025) to explore collaborative initiatives on maximizing accreditation scope, improving international rankings, and strengthening research documentation and quality assurance systems at the University of Dhaka.

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## 8. Institutional Leadership for Ranking, Quality Assurance & Global Visibility

*Provided strategic and operational leadership to strengthen quality assurance mechanisms, improve institutional governance, and enhance the global visibility and ranking performance of the University of Dhaka through evidence-based planning, international benchmarking, and systemic reforms.*

## Leadership in Quality Assurance and Accreditation

- Attended and provided strategic guidance at the inaugural session of the first-ever National Conference titled “*Progress in Quality Assurance in Higher Education: Experiences of IQAC Leaders from Different Universities of Bangladesh*” as Chief Guest (November 2025), emphasizing institutional accountability, internal quality assurance systems, and continuous improvement in higher education.
- Engaged with national and international stakeholders to align the University of Dhaka’s academic and administrative practices with global quality assurance standards, including outcomes-based education, transparent assessment, and robust documentation systems.

## Institutional Strategy for University World Rankings

- Participated in high-level coordination meetings on University World Rankings (October 2024), focusing on improving the global visibility of the University of Dhaka through research excellence, structured data management, and strategic alignment with international ranking indicators.
- Contributed to institutional discussions on enhancing research output quality, citation impact, international collaboration, and Sustainable Development Goals (SDG)-aligned activities to strengthen performance in global ranking frameworks.

## International Benchmarking and Best Practice Exchange

- Engaged in detailed discussions with representatives of the Embassy of Denmark in Dhaka (January 2025) on comparative teaching and learning methodologies, assessment practices, certification systems, and transcript documentation, drawing lessons for institutional reform and modernization.
- Participated in international symposiums under the Joint Virtual Campus (JVC) and Global Network Programme (GNP) initiatives hosted by Kobe University, Japan (March 2025), contributing to dialogues on curriculum development, virtual learning models, and cross-border academic cooperation.

## Collaboration with International Experts and Development Partners

- Participated in a strategic courtesy meeting with a U.S. Fulbright Specialist (February 2025) to explore collaborative initiatives on maximizing accreditation scope, strengthening institutional quality, enhancing research documentation, and improving global ranking potential.
- Took part in discussions with the University Grants Commission and the World Bank (October 2024) on the implementation of development projects aimed at strengthening institutional infrastructure, improving digital connectivity, modernizing the Medical Centre, and establishing special funds to support underprivileged students, all of which contribute to institutional quality and student success.

## Digital Transformation and Academic Modernization

- Contributed to institutional planning discussions on modernizing academic delivery and administrative systems, including the integration of digital platforms, improved

Wi-Fi infrastructure, and the development of smart campus initiatives in collaboration with national and international partners.

- Advocated the strategic use of emerging technologies, including artificial intelligence, to improve learning assessment, academic management, and institutional efficiency, aligning the University of Dhaka with global trends in higher education innovation.

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## 9. Contributions to National Higher Education Policy & Governance

*Played a substantive role in shaping higher education governance, policy reform, and institutional stability through participation in statutory bodies, consultative processes, and crisis-responsive leadership, with a focus on transparency, accountability, and the public mission of the University of Dhaka.*

### Engagement with National Regulatory and Policy Bodies

- Engaged in multiple high-level meetings with the University Grants Commission (UGC) of Bangladesh to address strategic priorities in higher education, including the construction of female student residential facilities, provision of stipends for financially disadvantaged students, and the strengthening of academic and research infrastructure (October 2024).
- Participated in strategic discussions with the University Grants Commission and the World Bank on the implementation and oversight of development projects aimed at improving institutional capacity, digital connectivity, healthcare services, and inclusive student support mechanisms at the University of Dhaka.

### Governance Reform and Institutional Restructuring

- Played an active and constructive role in the peaceful separation of the University of Dhaka and the Seven Government Colleges, contributing to the formal transfer of academic, administrative, and financial responsibilities to the proposed Dhaka Central University, ensuring institutional continuity and governance stability.
- Contributed to the formulation and amendment of the Election Code of Conduct through service as Convener of the relevant committee, promoting transparency, fairness, and democratic practice within the university governance framework.

### Democratic Engagement and Stakeholder Consultation

- Chaired and facilitated structured exchange-of-view meetings with former DUCSU leaders, prominent political figures, and representatives of active student organizations to foster dialogue, consensus-building, and participatory governance on campus.
- Led consultative discussions with student organizations and key stakeholders regarding DUCSU and Hall Union elections (February 2025), emphasizing inclusivity, procedural integrity, and the restoration of representative student governance.

## Crisis Management, Safety, and Institutional Preparedness

- Led the formation of a Central Coordination Committee and four specialized sub-committees in response to recurrent earthquake risks in Dhaka city, with a mandate to ensure student safety and institutional preparedness.
- Oversaw on-site inspections, technical evaluations, and rapid structural assessments of residential halls, academic buildings, and key university facilities, enabling timely risk mitigation and informed decision-making (November 2025).

## Public Accountability and Institutional Stewardship

- Contributed to the observance and organization of major national and institutional commemorations, reinforcing the University of Dhaka's historic role in national life and its commitment to civic responsibility.
- Promoted a governance culture grounded in rule-based administration, ethical leadership, and constructive engagement with government bodies, civil society, and academic stakeholders.

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## 10. Publications

*Professor Dr Mamun Ahmed has made sustained and internationally recognized contributions to molecular virology, clinical diagnostics, translational biomedical research, and public health. His scholarly output reflects both fundamental research excellence and applied clinical relevance, with particular emphasis on viral diseases, molecular diagnostics, immunogenetics, and translational laboratory science.*

**Total Publications: 53**

*(Peer-reviewed journal articles, conference proceedings, and scholarly contributions)*

### Selected High-Impact and Representative Publications

1. Rashid H, Siddiqua TJ, Hossain B, Siddique A, Kabir M, Noor Z, Alam M, **Ahmed M** and Haque R (2021). MicroRNA Expression and Intestinal Permeability in Children Living in a Slum Area of Bangladesh. *Front. Mol. Biosci.* 8:765301. doi: 10.3389/fmolb.2021.765301.
2. Rashidul Haque, Rashid, H., Hossain, B., Siddiqua, T., Kabir, M., Noor, Z., **Ahmed, M.**, et al. (2020). Fecal MicroRNAs as Potential Biomarkers for Screening and Diagnosis of Intestinal Diseases. *Front. Mol. Biosci.* 7, 181. doi:10.3389/fmolb.2020.00181.
3. Md. Arifur Rahman, **Mamun Ahmed**, Chowdhury Rafiqul Ahsan, Jamalun Nessa and Mahmuda Yasmin (2016). Prevalence of genotypes and subtypes of hepatitis B viruses in Bangladeshi population. *SpringerPlus* (2016) 5:278.
4. Masuma Akter, Nafisa Nawal Islam, Ahmed Faisal Sumit, Nazmul Ahsan,

- Shahanoor Hossain, **Mamun Ahmed** and Anwarul Azim Akhand (2015). Tea Extract Prevents Arsenic-mediated DNA Damage and Death of Murine Thymocytes in vitro. *Dhaka University Journal of Pharmaceutical Sciences* 2015.
5. **Mamun Ahmed**, Shaila Nazneen and Anwarul Azim Akhand (2007). Molecular Analysis of Hepatitis B Virus DNA and Mutation Status in Patients Under Lamivudine [(-) 2' 3'- dideoxy-3'-thiacytidine] Therapy. *Dhaka University Journal of Pharmaceutical Sciences*, 2007.
  6. **Mamun Ahmed** et.al (2001). Quantitation of Immunosuppression by Tacrolimus Using Flow Cytometric Analysis of Interleukin-2 and Interferon-[gamma] Inhibition in CD8-and CD8+ Peripheral Lymphocytes. *Therapeutic Drug Monitoring: August 2001 - Volume 23- Issue 4 - p 354-362*.
  7. Mariko Esumi, **Mamun Ahmed**, Yi-hua Zhou, Hidenori Takahashi, and Toshio Shikata (1998). Murine Antibodies against E2 and Hypervariable Region 1 Cross-Reactively Capture Hepatitis C Virus. *VIROLOGY* 251, 158–164 (1998).
  8. Mohammed R. Awad, Steven Webber, **Mamun Ahmed** et.al. (2001). The Effect of Cytokine Gene Polymorphisms on Pediatric Heart Allograft Outcome. *J Heart Lung Transplant* 2001 Jun;20(6):625-30.
  9. **Mamun Ahmed** (1999). Clinical Significance of Cytomegalovirus-Specific T Helper Responses and Cytokine Production in Lung Transplant Recipients. *Intervirolgy* 1999;42:291–300.
  10. Steven A. Webber, Steven Gribar, **Mamun Ahmed**, Adriana Zeevi et.al (2002). Polymorphisms in cytokine genes do not predict progression to end-stage heart failure in children. *Cardiol Young* 2002; 12: 461–464.
  11. T. Kata, **Mamun Ahmed** C Mariko Esumi (1996). Inactivation of hepatitis C virus cDNA transgene by hypermethylation in transgenic mice. *Archives of Virology*,141: 951-958.
  12. **Mamun Ahmed** et.al (2001) Relationship of cytokine gene polymorphism to the post- transplant outcomes. *European Journal of Immunogenetics* 2001;42:291–301.
  13. Adriana Zeevi, **Mamun Ahmed** et al (2000) Effects of Cytomegalovirus Infection on the Development of Chronic Renal Allograft Rejection in a Rat Model. *Intervirolgy* (2000) 42 (5-6): 277–278.
  14. T Kato, **Mamun Ahmed** and Mariko Esumi (1995). Hypermethylation and inactivity

of hepatitis C virus cDNA transgene in transgenic mice. *The Japanese Journal of virology* 53 Suppl (Pt 1):95-9.

15. **Mamun Ahmed** and Mariko Esumi (1996). Murine humoral immune response against recombinant structural proteins of hepatitis C virus distinct from those of patients. *Microbiol. Immunol.*, 40(2), 169-176, 1996.
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## 11. Research Grants, Projects & Funding (2 pages)

- National grants
  - International grants
  - Collaborative research funding
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## 12. Supervision, Mentorship & Research Capacity Building

*Demonstrated constant commitment to nurturing the next generation of researchers through structured supervision, interdisciplinary mentorship, and active involvement in national research capacity development.*

- PhD supervision

### MPhil Supervision

Played a significant role in MPhil supervision, with particular emphasis on interdisciplinary research, translational science, and societal relevance.

Currently serving as Co-Supervisor of an MPhil research project on the *Brain Development of Children in Bangladesh*, conducted at the Laboratory of Neurosciences and Neurogenetics, Department of Biochemistry and Molecular Biology, University of Dhaka, under the principal supervision of Professor Dr Mahmud Hossain, a renowned Neuroscientist.

In this capacity, contributed to:

- Conceptual framing of neurodevelopmental research within the Bangladeshi socio-nutritional and public health context
- Guidance on experimental design, biomolecular and neurobiological approaches, and ethical considerations involving child research
- Critical review of research progress, data interpretation, and thesis preparation

This supervisory engagement reflects a broader commitment to neuroscience-informed public health research, child development, and evidence-based policy relevance.

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## 13. Teaching Experience & Curriculum Development

Professor Dr Mamun Ahmed has made sustained and high-impact contributions to teaching, curriculum development, and postgraduate education at the University of Dhaka over more than three decades. His teaching philosophy and practice are grounded in academic rigour, research-led instruction, and the integration of theory with real-world clinical and translational applications.

## Courses Taught

Throughout his academic career, Professor Ahmed has taught a wide range of undergraduate and postgraduate courses in Biochemistry and Molecular Biology, with particular emphasis on virology and molecular diagnostics. His teaching portfolio includes, but is not limited to:

- **General Biochemistry** (Undergraduate level)
- **Molecular Biology and Molecular Genetics**
- **Virology** (Core and advanced undergraduate courses)
- **Molecular Diagnostics** (Master's level)

At postgraduate level, he has played a key role in delivering advanced laboratory-based instruction, guiding students in experimental design, data interpretation, and the application of molecular techniques in biomedical research and clinical diagnostics. Dr. Mamun has supervised Master's thesis and Ph.D. students successfully, and served as an external examiner of Ph.D. thesis of foreign university.

## Curriculum Innovation & Academic Development

Professor Ahmed has actively contributed to **curriculum review, modernization, and quality enhancement**, ensuring alignment with evolving scientific knowledge, national academic standards, and international best practices. His curriculum-related contributions include:

- Alignment of course content with **clinical relevance, public health priorities, and research applicability.**
- Participation in departmental and faculty-level curriculum committees responsible for syllabus revision, assessment standards, and learning outcomes
- As Dean of the Faculty of Biological Sciences and Pro-Vice Chancellor (Academic), he continues to guide curriculum development at an institutional level, promoting outcome-based education, interdisciplinary learning, and research-informed teaching.

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## 14. Faculty Development, Research Excellence & Academic Culture

*Demonstrated sustained commitment to faculty development, research excellence, and the cultivation of a robust academic culture through recognition programmed, awards, training initiatives, and scholarly seminars.*

### Research Excellence Recognition Programme

- Chaired the first plenary session of “DU Research Excellence Recognition 2025”, acknowledging nearly 300 distinguished researchers across multiple faculties, emphasizing innovation, academic rigor, and scholarly impact.
- Organized institutional recognition to encourage research productivity, stimulate creativity, and foster an environment of excellence in teaching and scholarship.

### Faculty Awards & Incentives

- Bestowed the Dean’s Honor to faculty members of the Faculty of Pharmacy for special contributions to research during 2023–2025.
- Awarded Dean’s Honors to ten faculty members for publishing high-quality papers in national and international journals.
- Distributed research incentives, including cheques, to 38 teachers for publications in Q1 and Q2 journals, supporting the University of Dhaka’s international visibility and research competitiveness.
- Conferred Dean’s Awards to faculty demonstrating outstanding research contributions, reinforcing a culture of meritocracy and professional excellence.

### Training Programs & Workshops

- Oversaw Advanced Course on Research Methodology programmes, awarding certificates and motivating participants to implement research best practices.
- Encouraged participation in national and international faculty development workshops, enhancing pedagogical skills, research methodology expertise, and interdisciplinary collaboration.
- Promoted continuous professional development as a cornerstone of academic excellence and institutional advancement.

### Scientific Seminars & Lectures Organized

- Supervised scientific programmes and guest lectures, including sessions with renowned international experts such as Professor Dr. Albert Osterhaus, fostering interdisciplinary learning and exposure to cutting-edge research.
- Facilitated seminars across faculties to disseminate recent advances in life sciences, biotechnology, drug delivery, and related disciplines.
- Supported organization of lectures that bridged research, education, and practical applications, strengthening academic culture and student engagement.

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## 15. Student Welfare, Equity and Financial Inclusion Initiatives

*Established continued commitment to student development, inclusivity, and support for disadvantaged learners through scholarships, fellowships, awards, recognition programmes, and extracurricular engagement, in alignment with the University of Dhaka’s mission of holistic education.*

## Scholarships and Financial Support

- Awarded Badarunnesa Gafur Memorial Trust Scholarships and scholarships from the Bangladesh Pharmaceutical Society (BPS) to meritorious students, promoting excellence and reducing financial barriers.
- Chaired the Sumitomo Corporation Scholarship (Japan) programme, benefiting 40 high-achieving honours students of the University of Dhaka.
- Established and expanded new trust funds, including the Jalaluddin Ahmed Chowdhury Memorial Stipends Trust Fund, providing stipends for underprivileged undergraduate students of the Faculty of Business Studies.
- Facilitated scholarships for over 50 financially constrained students of the Department of Law (August 2025), ensuring equitable access to higher education.
- Awarded Begum Rokeya Foundation Scholarships to high-achieving students, reinforcing the university's commitment to gender equity and academic excellence.

## Research Fellowships and Academic Incentives

- Granted research fellowships to PhD, MPhil, and MA students of the Department of World Religion and Culture, fostering inquiry into national and societal challenges (November 2025).
- Awarded Dean's Honors and Dean's Awards to faculty and students for excellence in research and academic performance, recognizing publications in Q1/Q2 journals and outstanding scholarly achievements (November 2025).
- Incentivized interdisciplinary research through awards, fellowships, and recognition programmes, encouraging innovation and global competitiveness.

## Academic Awards and Recognition

- Bestowed Bangladesh Pharmaceutical Society (BPS) Gold Medals, Khwaja Shahabuddin Gold Medals, and the A.F. Mujibur Rahman Gold Medal to students for exceptional academic performance.
- Recognized over 130 students across multiple departments with Dean's Honors and Dean's Awards for consistent excellence during 2021–2025.
- Inaugurated departmental and faculty-level events to distribute awards, certificates, and honors, emphasizing motivation, meritocracy, and scholarly ambition.

## Humanitarian and Civic Engagement Initiatives

- Honored students contributing to blood donation programmes, recognizing their civic responsibility and community service (November 2025).
- Supported initiatives addressing social inequalities and student well-being, integrating humanitarian efforts into university culture.
- Advocated for student involvement in socially impactful projects, linking academic learning with civic engagement and national development.

## Support for Freshers and Integration Programmes

- Attended admission test centers to motivate incoming students and ensure fair examination processes (2025–2026).
- Participated in Fresher’s Reception Ceremonies across departments and institutions, welcoming students to the University of Dhaka community and promoting engagement with institutional values, academic excellence, and social responsibility.

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## 16. Student Engagement, Co-curricular & Leadership Development

*Promoted holistic student development through active engagement in debates, sports, cultural programmes, innovation activities, and creative pursuits, fostering leadership, teamwork, critical thinking, and civic responsibility.*

### Debates, Sports and Cultural Programmes

- Inaugurated and presided over inter-university debate competitions, departmental debate contests, and hall-based debating festivals, delivering addresses to inspire participation and enhance reasoning, public speaking, and leadership skills.
- Oversaw annual sports competitions at central playgrounds and hall facilities, distributing awards and motivating students to cultivate teamwork, discipline, and physical fitness.
- Encouraged student participation in cultural programmes, festivals, and university-wide commemorations, integrating historical awareness, civic engagement, and creative expression.

### Innovation, Robotics and STEM Activities

- Inaugurated Robotonics Fest, featuring challenge-based competitions on soccer robots, line-following robots, micromouse contests, and artificial intelligence projects, providing students with hands-on exposure to emerging technologies.
- Promoted participation in STEM-oriented workshops, exhibitions, and inter-departmental competitions, encouraging innovation, problem-solving, and interdisciplinary collaboration.
- Supported student-led initiatives in research, technology, and applied sciences, fostering practical skills and preparing graduates for global challenges.

### Arts, Literature and Creative Engagement

- Inaugurated annual art exhibitions at the Faculty of Fine Arts, distributed certificates and awards, and delivered addresses highlighting the role of art, literature, and creativity in societal transformation.
- Encouraged students to explore creative expression as a means of addressing social inconsistencies, cultivating imagination, and developing leadership and communication skills.
- Supported literary clubs, writing competitions, and creative workshops, fostering a campus culture of intellectual curiosity and holistic personal growth.

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## 17. National Responsibility, Civic Engagement & July Mass Uprising Leadership

*Demonstrated leadership in fostering civic responsibility, historical awareness, and institutional resilience through the organization of academic seminars, commemorative programmes, humanitarian initiatives, and research documentation related to the July Mass Uprising.*

### Academic Seminars and Commemorative Programmes

- Convened and chaired multiple university-wide seminars across faculties, including Science; Business Studies C Law; Pharmacy; Engineering C Technology; and Islamic History C Culture, commemorating the July Mass Uprising and emphasizing its historical and societal significance (July–August 2025).
- Delivered keynote addresses linking the events of July 2024 to contemporary challenges in leadership, civic responsibility, and youth engagement, reinforcing the University of Dhaka's role in shaping informed and responsible citizens.
- Organized a month-long seminar series under the Dhaka University Academic Seminar Committee on the July Mass Uprising, promoting scholarly dialogue and student participation.

### Institutional Memory & July Centers

- Inaugurated the University of Dhaka's first hall-based July Centre at Shaheed Osman Hadi Hall, establishing a dedicated hub for research, education, and intergenerational engagement on justice, democracy, and social values.
- Oversaw the curation of a documentary photo exhibition and archival materials at the July Centre, preserving institutional memory and providing a platform for academic inquiry and civic education.
- Facilitated the integration of July Uprising narratives into institutional practices, promoting awareness of historical struggles, democratic ideals, and social responsibility.

### Mental Health & Humanitarian Response

- Attended scientific seminars addressing the psychological impact of the July–August Movement on undergraduate and postgraduate students, advocating for institutional strategies to address trauma, stress, and social instability (February 2025).
- Visited the Combined Military Hospital (CMH), Dhaka, to assess and support injured students, expressing concern for their recovery and well-being (September 2024).
- Honored over 200 injured students as “Heroes of Dhaka University,” reinforcing recognition of their courage and civic contribution.

## Research, Documentation & Museum Initiatives

- Participated in the transfer and preservation of personal belongings of martyrs of the July Mass Uprising including shaheed Abu Sayed, Mir Mugdho, and Wasim, contributing to the establishment of the July Memorial Museum at the University of Dhaka.
- Facilitated the inclusion of martyrs’ families in institutional programs, providing recognition, engagement, and memorialization of their contributions.
- Encouraged research and academic documentation on the Uprising, organizing conferences, seminars, and collaborative projects to generate scholarly knowledge and support public understanding.
- Linked historical documentation initiatives with broader institutional efforts in education, civic engagement, and policy reflection.

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## 18. Community Service, Cultural & Social Contributions

*Demonstrated strong commitment to community engagement, cultural preservation, and social responsibility through initiatives focused on children and youth development, national heritage, and environmental sustainability.*

### Children and Youth Initiatives

- Engaged with national and international stakeholders to promote initiatives for children’s intellectual and creative development, including proposals for the establishment of a Children’s Library at the Bangladesh National Museum in collaboration with Japanese partners.
- Inaugurated and participated in children’s art competitions, cultural programmes, and handwriting contests, encouraging creativity, discipline, and early intellectual engagement among children and adolescents.
- Advocated inclusive access to cultural and educational resources for children, emphasizing creativity, learning, and social awareness.

## Cultural Heritage and National Days

- Played an active role in the preparation, coordination, and observation of national and institutional days, including *Pohela Boishakh*, *Shaheed Day* and *International Mother Language Day*, *National Victory Day*, and *University of Dhaka Mourning Day*.
- Promoted awareness of national history, language, and cultural identity through participation in commemorative events and academic–cultural programmes.
- Supported university-wide initiatives linking cultural heritage with education, civic responsibility, and national consciousness.

## Environmental and Sustainability Activities

- Observed and supported environmental awareness programmes at the University of Dhaka, including initiatives on polythene and waste management, tree plantation, and nature-based art activities.
- Encouraged student and faculty participation in sustainability-focused activities to foster environmental responsibility and long-term ecological awareness.
- Promoted environmentally conscious practices within the university community, aligning institutional activities with sustainable development principles.

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## 19. Awards, Honors & Recognitions

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## 20. Memberships & Affiliations

- Pro-VC (academic) University of Dhaka
- Dean, Faculty of Biological Sciences, University of Dhaka
- Assistant Proctor: Seven Years' experience as assistant proctor, Faculty of Biological Sciences, University of Dhaka
- Elected Member of Dhaka University Senate for three terms including the Current one.
- General Secretary of Dhaka University Teachers Association (DUTA)
- Joint Secretary of Dhaka University Teachers Association (DUTA) for two terms
- Professor, Department of Biochemistry and Molecular Biology, University of Dhaka

## 21. References

- Professor Anwarullah Chowdhury, Former Vice Chancellor, University of Dhaka
  - Professor S M A Faiz, Chairman, University Grant's Commission C Former Vice Chancellor, University of Dhaka
  - Professor Dr Z N Tahmida Begum, Former Chairman, Public Service Commission
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