

Curriculum Vitae of

PROF. MOHAMMAD ABDUR RASHID, PhD, FRSC

<https://scholar.google.com/citations?user=8QcyCF4AAAAJ&hl=en&oi=ao>

<https://www.researchgate.net/profile/Mohammad-Rashid-28>

<https://www.scopus.com/authid/detail.uri?authorId=55420032800>

Fellow, Bangladesh Academy of Sciences (FBAS)

Fellow, Royal Society of Chemistry (FRSC, UK)



Dr. Mohammad Abdur Rashid is a **Selection Grade Professor** in the **Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Dhaka**. He brings over **38 years of extensive experience** in teaching at both undergraduate and postgraduate levels.

In addition to his academic contributions, Dr. Rashid has demonstrated **exceptional administrative leadership**, having served as the **Dean of the Faculty of Pharmacy** for **three consecutive terms (2003–2010)** and as the **Chairman of the Department of Pharmaceutical Chemistry** from **April 2009 to April 2012**.

A distinguished scholar, Dr. Rashid has authored **more than 603 research publications** in reputed national and international journals. His remarkable contributions to pharmaceutical sciences have earned him **numerous national and international awards, gold medals, and honors**.

Address for correspondence

Mailings address Professor, Department of Pharmaceutical Chemistry, Faculty of Pharmacy
University of Dhaka, Dhaka-1000, BANGLADESH.

Permanent address Village- Shahar Bati, Post Office- Bhat Para Kuti, Upa- zilla- Gangni
District- Meherpur, BANGLADESH.

Publications

1. Books and book chapters: 11 (one of the books entitled “**Fundamentals of Pharmacy and Pharmacy Practice**” is used by the Pharmacy students as a reference book).
2. Dissertation/thesis: 02
3. Research publications: 609 out of which **310** in **Scopus** indexed journals as of 26.11.2025.
4. **Google scholar citations:** 10523 as of 26.11.2025
h-index: 47; i10 index: 276
(<https://scholar.google.com/citations?user=8QcyCF4AAAAJ&hl=en&oi=ao>)
5. **Scopus profile:** <https://www.scopus.com/authid/detail.uri?authorId=55420032800>

A complete list of publications is available at the end of the CV.

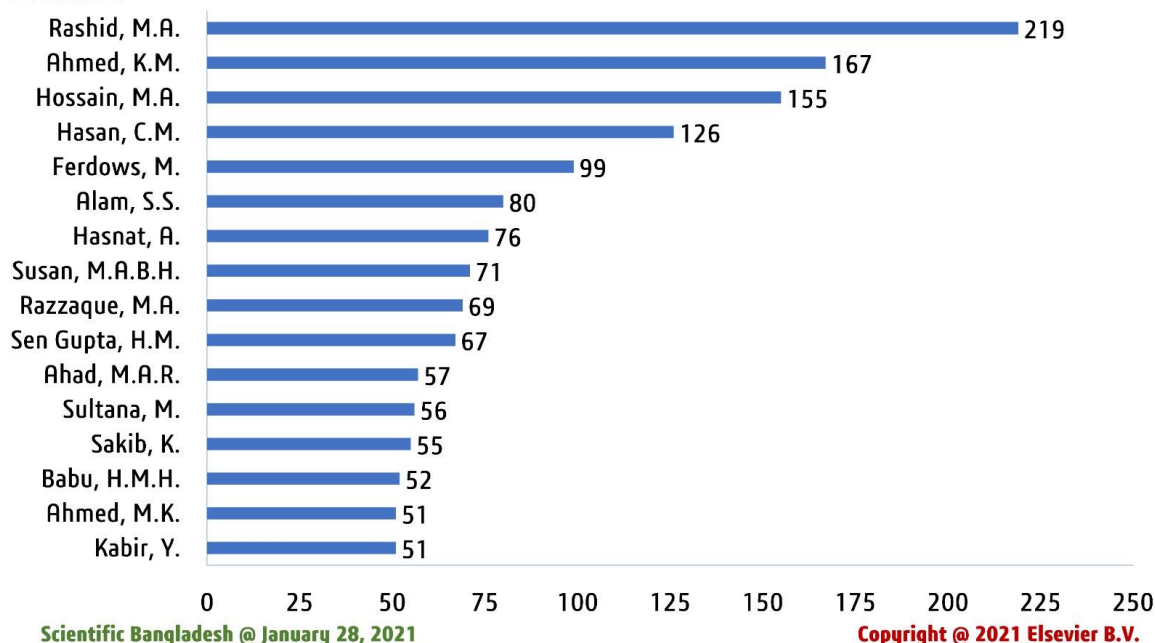
Outstanding achievement

Listed as the top contributing author of scientific papers in “100 Years of Publications of University of Dhaka in Scopus Database”

(<https://scientificbangladesh.com/100-years-publications-of-university-of-dhaka-in-scopus-database/>) (Accessed on February 15, 2021).



100 Years' Publications of Dhaka University Scopus Top 15 researchers with overall highest publications



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Permanent address Village- Shahar Bati, Post Office- Bhat Para Kuti, Upa- zilla- Gangni
District- Meherpur, BANGLADESH.

Field of specialization

Natural Products Chemistry (Pharmaceutical Chemistry), NMR Spectroscopy, HPLC.

Research interests

1. Isolation and characterization of bioactive compounds from medicinal plants, microbes and marine animals.
2. Application of modern NMR techniques to structural elucidation of organic molecules, with special emphasis to marine peptides and macrolides.
3. Synthesis of chemically unique and biologically interesting compounds and evaluation of their pharmacological activities.
4. In addition to the mainstream research, my research interests are also extended to other aspects of natural product chemistry, evaluation of traditionally used medicines and their source materials, chemical taxonomy of higher plants, insect control agents from plants, etc.

Academic qualification

Exam. Passed	Institution/Board/University	Year	Result
B. Pharm. (Hons.)	University of Dhaka, Bangladesh	1981*	First class First
M. Pharm. (Thesis)	University of Dhaka, Bangladesh	1982**	First class First
Ph.D.	University of Strathclyde Glasgow, U.K.	1992	Degree awarded
Post-doctoral research	National Cancer Institute, USA	April '93- March '95	Conducted

*Exam. held in 1983; **Exam. held in 1985.

Teaching positions at the Faculty of Pharmacy, University of Dhaka, Bangladesh

- | | |
|---------------------------------|-------------------------------------|
| (a) Lecturer | January 11, 1987 to March 11, 1992. |
| (b) Assistant Professor | March 12, 1992 to March 4, 1996. |
| (c) Associate Professor | March 5, 1996 to March 6, 2002. |
| (d) Professor | March 7, 2002 to till date. |
| (e) Professor (selection grade) | December 25, 2009 to till date. |

Overseas employments

- 1) **Scientist II, SAIC-Frederick**, NCI-Frederick, Frederick, MD 21702 from May 5, 2000 to November 29, 2001. I was involved in the isolation & characterization of anticancer compounds from marine organisms.

- 2) **Visiting Scientist, SAIC-Frederick**, NCI-Frederick, Frederick, MD 21702 from December 9, 1997 to May 5, 2000, where I was involved in the isolation & characterization of anticancer and HIV-inhibitory lead compounds, with special emphasis to peptides from aqueous marine extracts.
- 3) **Post Doctoral**- I carried out a two year of research (from April 1993 to March 1995) at the U.S. National Cancer Institute, which was supervised by Dr. Kirk R. Gustafson. As a member of the research group headed by Dr. John H. Cardellina II, I successfully completed more than a dozen of projects dealing with the anti-cancer and HIV-inhibitory activities of the aqueous/ organic extracts of plants, marine and microbial organisms. A variety of compounds such as alkaloids, antibiotics, polyacetylenes, saponins, pterocarpanes, lignans and peptides were obtained as active constituents.

Administrative positions in the University of Dhaka

1. **Director**, Centre for Advanced Research in Sciences (CARS), University of Dhaka
October 23, 2024 to 31.12.2024.
2. **Dean**, Faculty of Pharmacy, University of Dhaka (December 21, 2003 to October 12, 2010).
3. **Dean** (acting), Faculty of Pharmacy, University of Dhaka (November 25, 2010 to March 12, 2011).
4. **Acting Provost**, Fazlul Huq Hall, University of Dhaka (August 22, 2003 to September 15, 2003).
5. **Chairman**, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Dhaka (April 24, 2009 to April 23, 2012).
6. **House Tutor**, Fazlul Huq Hall (April 1995-November 1997 & from February 2002 to July 2007) to participate in the residential hall administration.

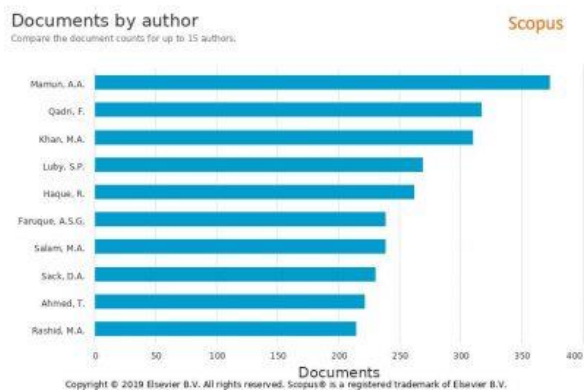
Additional professional and administrative responsibilities

1. Vice President of Bangladesh Academy of Sciences (2025 to 2028).
2. Adviser (nominated by UGC), Bangladesh Council for Scientific and Industrial Research (BCSIR, November 5, 2024 to till date).
3. Vice President, Bangladesh Pharmaceutical Society (BPS (July 2022 to till date).
4. Syndicate member, Mawlana Bhashani Science and Technology University, Tangail 92025 to 2028).
5. Syndicate member of Varendra University, Rajshahi (nominate by the University Grants Commission (UGC).
6. Syndicate member, State University of Bangladesh (SUB, December 2024 to till date).
7. Chairman of governing body of Bangladesh Dental College, Dhanmondi, Dhaka (December 2024 to till date).
8. Member of the governing body of Northern International Medical College, Dhaka.
9. Member of the governing body of Delta Medical College, Mirpur, Dhaka.
10. Member of the governing body of Ad-din Women's Medical College (AWMC), Maghbazar, Dhaka.
11. Academic Council Member of Noakhali University of Science and Technology (NSTU).
nominated by the honorable Chancellor (December 30, 2024, to December 29, 2026).
12. Member of selection committees for teachers of different public and private universities.
13. President, Dhaka University Club (July 1, 2009 to June 30, 2010).
14. Senate member, Khulna University (2004- 2011).

15. Former General Secretary (2002-2010), Bangladesh Pharmaceutical Society (BPS).
16. Former member/Chairman (2004-2009, nominated as the Dean) of governing bodies of various medical & dental colleges and allied health science institutions, affiliated to the University of Dhaka.
17. Former member of selection committees for teachers of various public & private universities and medical colleges.
18. Expert member for evaluation of Ph.D. thesis of local and foreign universities.

Awards/ Fellowships/ Scholarships/Honors

1. Received DU Research Excellence Recognition 2025 for Q1 and Q2 publications in Scopus indexed journals, May 2, 2025.
2. Received the **Federation of Asian of Pharmaceutical Associations (FAPA) 2020 Ishidate Award in Pharmaceutical Research** at the 28th Federation of Asian Pharmaceutical Associations Congress (FAPA-2022) and National Pharmacists Convention 2022 held in Kuala Lumpur, Malaysia from November 8-12, 2022.
3. Received the **Best Faculty Award at the 6th Convocation of State University of Bangladesh (SUB)** held in the permanent campus of the University in Kanchaon, South Purbachal on November 30, 2022
4. **Listed as the most contributing author of scientific papers in “100 Years of Publications of University of Dhaka in Scopus Database”**
[<https://scientificbangladesh.com/100-years-publications-of-university-of-dhaka-in-scopus-database/>] (Accessed on February 15, 2021).
5. Received **SFE-T. Sen Oration Award-2018** at the 18th International Congress of International Society for Ethnopharmacology & 5th International Congress of the Society for Ethnopharmacology (ISE-SFE 2018), held in Nabab Nawab Ali Chowdhury Senate Bhaban, University of Dhaka during 13-15 January 2018, for outstanding contribution in scientific research.
6. **Listed as one of the top ten authors of scientific papers in Bangladesh**
[<https://scientificbangladesh.com/total-scientific-publications-with-bangladeshi-contribution-in-scopus-database-from-1887-to-2018/>] (Accessed on November 20, 2020).



7. **Admitted as a Fellow of the Royal Society of Chemistry (FRSC) on April 24, 2015.**
8. **Elected as a member of the Asiatic Society of Bangladesh from 2015.**
9. **Nominated as a Member of the Research Committee for School of Science at Katmandu University, Nepal for three years from 2015-2017.**
10. **Elected as a Fellow of the Bangladesh Academy of Sciences in the election of the fellows for the year 2011.**
11. Received award for the **best plenary lecture** entitled “Phyto-pharmacological studies of some medicinal plants of Bangladesh with special emphasis to anti-diabetic drug discovery” in the International Conference on Diabetes Mellitus and Cancer (DIA-CAN'2012) held in Annamalai University, Chidambaram, Chennai, Tamil Nadu, India during December 14-14, 2012.
12. **Received Ibrahim Memorial Gold Medal at the 46th Convocation of the University of Dhaka for the year 2003-2004** for outstanding contribution in scientific research.
13. **Awarded Abdur Rob Chowdhury Memorial Gold Medal the 45th Convocation of the University of Dhaka for 2005-2006** for extraordinary research achievement in Biological Sciences.
14. **Awarded BAS-Dr. M.O. Ghani Memorial Gold Medal for the year 2005** in recognition of significant contribution in the field of Natural Products Research.
15. **Listed as one of the most productive leading scientists of the OIC member states in 2007-2008** (<http://www.comstech.org>) [with **highest point among the listed scientists** within University of Dhaka].
16. **Honorary Doctor of Science (D.Sc.)** by the Open International University of Complementary Medicines, Colombo, Sri Lanka in December 1996.
17. **Young investigator's prize for 1996 by the Third World Academy of Sciences/Bangladesh Academy of Sciences** for significant contribution to Natural Products Chemistry.

18. **Constant Outstanding Performance Awards (COPA)** by the SAIC Frederick, NCI-FCRDC, USA for the period ending September 1998 and 1999.
19. **Stelletta award** for commitment and perseverance during postdoctoral research at the Laboratory of Drug Discovery Research and Development (LDDRD), NCI, NIH, USA in 1995.
20. **Chancellor's award** given by the President of the People's Republic of Bangladesh in 1987.
21. **Muhit Khan's award** for outstanding result in the B. Pharm. (Hons.) examination.
22. **Fogarty post doctoral fellowship by the U.S. National Institutes of Health (NIH)** to work in the NCI's anti-cancer and anti-HIV drug discovery programs.
23. **Commonwealth Scholarship** awarded by the Association of Commonwealth Universities tenable at the University of Strathclyde, U.K. for carrying out research leading to Doctor of Philosophy.
24. Awarded books by the University of Dhaka for credential results in both B. Pharm. (Hons.) and M. Pharm. examinations.
25. Also received scholarships at various levels of school, college and university education.

Editorial /Editorial Advisory board memberships

1. *Journal of Natural Products*
2. *Journal of Herbal Medicine*
3. *African Journal of Pure and Applied Chemistry*
4. Editor in Chief, *Bangladesh Pharmaceutical Journal*
5. Associate Editor, *The Dhaka University Journal of Pharmaceutical Sciences*
6. *Journal of State University of Bangladesh*

Membership in various committees approved by the Ministry of Health and Family Welfare, Govt. of People's Republic of Bangladesh

1. Former member, Drug Appellate Committee
2. Former member, Essential Drug List Preparation Committee
3. Former member, Pricing of Medicines
4. Former Member, Advisory Committee for Herbal Medicines
5. Executive Editor, Bangladesh National Formulary 2003 and 2005.
6. Former member, Manual Preparation Committee for Herbal Medicine in Primary Health Care
7. Former member, Technical Sub Committee of Drug Control Committee
8. Former member, Pharmacy Council of Bangladesh
9. Former member, Accreditation and Education Committee, Pharmacy Council of Bangladesh
10. Former Convener, Community Pharmacy Committee, Pharmacy Council of Bangladesh.

Reviewers of scientific journals

J. Nat. Prod. (U.S.A.), *Int. J. Pharm.* (U.S.A.), *Pharmaceutical Biology* (U.S.A.), *Jordan J. Pharm. Sci.*, *Oriental Pharmacy & Experimental Medicine* (Korea), *Australian J. Chemistry*, *Molecules*,

Bangladesh Pharm. Journal, Dhaka University J. Pharm. Sci., The Dhaka Univ. J. Biological Sci., J. Asiatic Society of Bangladesh, Bangladesh J. Sci. Indust. Res., Bangladesh J. Bot., etc.

Professional attachment with private universities

Honorary Advisor, Department of Pharmacy, State University of Bangladesh.

Memberships of Professional Societies

Dhaka University Teachers' Association
Phytochemical Society of Europe
Phytochemical Society of Asia
International Society of Ethnopharmacology
Society of Ethnopharmacology, India
Asiatic Society of Bangladesh
Bangladesh Pharmaceutical Society (BPS)
Bangladesh Botanical Society
Council of Asian Science Editors (CASE)

Courses taught

Pharmaceutical Chemistry, Advanced Pharmaceutical Analysis, Quality Control and Analytical Method Validation, Spectroscopy, Pharmacognosy & Natural Product Chemistry, Organic Chemistry, and Medicinal Chemistry.

Professional experience

A-grade Pharmacist registered by the Pharmacy Council of Bangladesh.

Research experience

- 1) **Scientist II, SAIC-Frederick**, NCI-Frederick, Frederick, MD 21702 from May 5, 2000 to November 29, 2001. I was involved in the isolation & characterization of anticancer compounds from marine organisms.
- 2) **Visiting Scientist, SAIC-Frederick**, NCI-Frederick, Frederick, MD 21702 from December 9, 1997 to May 5, 2000, where I was involved in the isolation & characterization of anticancer and HIV-inhibitory lead compounds, with special emphasis to peptides from aqueous marine extracts.
- 3) **Post Doctoral**- I carried out a two year of research (from April 1993 to March 1995) at the U.S. National Cancer Institute, which was supervised by Dr. Kirk R. Gustafson. As a member of the research group headed by Dr. John H. Cardellina II, I successfully completed more than a dozen of projects dealing with the anti-cancer and HIV-inhibitory activities of the aqueous/ organic extracts of plants, marine and microbial organisms. A variety of compounds such as alkaloids, antibiotics, polyacetylenes, saponins, pterocarpanes, lignans and peptides were obtained as active constituents.
- 4) **Doctoral research**- During my Ph.D. research at the University of Strathclyde, under the supervision of Prof. Peter G. Waterman and Dr. Alexander I. Gray, I submitted a thesis entitled

“Phytochemical and Chemosystematic Studies in Eristemoninae (Rutaceae).” This thesis describes the isolation and structure elucidation of 93 compounds, including 34 novel ones from 11 Australian plant species and their uses as chemotaxonomic markers.

- 5) Carried out a research project in partial fulfillment of the requirement for the degree of Master of Pharmacy, University of Dhaka and submitted a dissertation entitled “Antihypertensive Principle from *Moringa oleifera*.”
- 6) Supervised/ co-supervised various research projects of the students approaching towards the degrees of M. Pharm./M.Sc./M. Phil./Ph.D. at the University of Dhaka, Bangladesh University of Engineering and Technology (BUET), Rajshahi University Engineering and Technology (RUET) and the Institute of Post Graduate Medicine & Research (IPGMR), Dhaka-1000, Bangladesh.

Seminars /Symposiums/ Workshops/ Summits attended

1. Delivered a keynote lecture entitled “Bridging Ethnopharmacology and Modern Drug Development: The Role of Natural Product-based Drug-like Molecules” at the 2nd International Conference on Recent Advances in Science and Technology (ICRAST 2025), organized by the Faculty of Science, University of Rajshahi during November 14-15, 2025.
2. Delivered a lecture on “Natural Products: The Living Legacy in Cancer Drug Discovery” at the seminar jointly organized by the Faculty of Pharmacy and Center for China Studies on October 20, 2025 at the Pharmacy Lecture Theatre, University of Dhaka.
3. Delivered a plenary lecture entitled “Bridging the Gap: Fostering Pharma Industry and Academia in Bangladesh” at the Symposium on Strengthening Industry–Academia Partnership in Healthcare and Materials Science, jointly organized by the Faculty of Pharmacy and the Faculty of Engineering, University of Dhaka, and DAAD, Germany held on September 18, 2025 at the Senate Bhaban, University of Dhaka.
4. Delivered a keynote lecture on “Drug-like Molecules from Natural Origins: Bridging Traditional Medicine with Modern Drug Discovery” at the Department of Pharmacy, Varendra University, Rajshahi on September 4, 2025.
5. Delivered a plenary lecture on “Drug-like Compounds from Natural Origins: Bridging Traditional Medicine with Modern Drug Discovery” at the National Pharma Conference organized by the Department of Pharmacy, Jashore University of Science and Technology, Jashore on 19 July 2025.
6. Delivered an invited lecture entitled “Antibacterial, Anti-HIV and Antineoplastic Compounds from Natural Origins: Bridging Traditional Medicine with Modern Drug Discovery at the NPA Conference on Innovation and Interdisciplinary Synergy in Pharmacy during May 29 to 31, 2025, Kathmandu University, Nepal.
7. Served as the Session Chair at the NPA Conference on Innovation and Interdisciplinary Synergy in Pharmacy during May 29 to 31, 2025, Kathmandu University, Nepal.

8. Delivered a keynote lecture on “Unlocking nature's secrets: a path to breakthrough therapeutic agents” at the Department of Pharmacy, University of Science and Technology Chittagong (USTC) on April 24, 2025.
9. Delivered a keynote lecture on “Unlocking nature's secrets: a path to breakthrough therapeutic agents” at the 3rd NSTU National Science Fest, Noakhali Science and Technology University on January 19, 2025.
10. Delivered a plenary lecture entitled “Secondary metabolites as promising sources of new therapeutic agents” at the 3rd International Conference on Advancement of Life Sciences (ICALS) 2025, Mawlana Bhashani Science and Technology University, Bangladesh.
11. Delivered a plenary lecture entitled “Therapeutic potentials of lead compounds isolated from medicinal plants, microbes and marine organisms” at the International Conference on Pharmaceutical and Health Sciences (ICPHS) 2024, held on 6-7 December 2024, University of Asia Pacific, Dhaka, Bangladesh.
12. Served as a Session Chair at the International Conference on Pharmaceutical and Health Sciences (ICPHS) 2024, held on 6-7 December 2024, University of Asia Pacific, Dhaka, Bangladesh.
13. Delivered an invited lecture entitled “Natural products in managing antimicrobial resistance (AMR)” at the 23rd SCAC: fourth industrial revolution and future society held during November 30 to December 2, 2024 at Bangladesh Academy of Sciences, Agargaon, Dhaka.
14. Attended the “8th Council of Asian Science Editors’ Conference and Workshop” held in Hotel Westin Jakarta, Indonesia during July 15-16, 2024.
15. Keynote lecture entitled “Antimicrobial resistance (AMR) and its management by natural products” delivered at the BCSIR Congress-2023 held during March 8-10, BCSIR, Dhaka.
16. Delivered an invited lecture on “Therapeutic potential of lead compounds from medicinal plants, microbes and marine organisms” at the 8th International Botanical Conference jointly organized by Bangladesh Botanical Society and Department of Botany University of Dhaka, Bangladesh from February 28-29, 2024.
17. Delivered a keynote lecture on “Bioactive compounds from medicinal plants, microbes and marine organisms” at the International Conference on "Scientific Research in Unani Medicine: Current Trends and Approaches” held at the Centre of Excellence in Unani Medicine, Jamia Hamdard, Delhi, India during February 21-22, 2024.
18. Delivered an invited lecture entitled “Therapeutic potential of natural products for the management of antimicrobial resistance (AMR)” at the International Conference on Traditional Medicine & Phytopharmaceuticals (ICTMP) & 11th International Congress of Society for Ethnopharmacology (SFEC 2024) from February 16-18, 2024 held at CSIR-Indian Institute of Integrated Medicine, Jammu, India.

19. Served as the Session Chair at the International Conference on Traditional Medicine & Phytopharmaceuticals (ICTMP) & 11th International Congress of Society for Ethnopharmacology (SFEC 2024) from February 16-18, 2024 held at CSIR-Indian Institute of Integrated Medicine, Jammu, India.
20. Delivered an invited lecture on “Drug discovery: potential bioactive compounds from medicinal plants, microbes and marine organisms” at the Fourth International Conference on Materials Science (ICMS-2024), Department of Physics, Tripura University, Agartola, India from 31st January to 2nd February, 2024
21. Served as a Session Chair at the Fourth International Conference on Materials Science (ICMS-2024), Department of Physics, Tripura University, Agartola, India from 31st January to 2nd February, 2024.
22. Delivered a plenary lecture on “Antimicrobial, antineoplastic, antidiabetic, antihypertensive, antioxidant and HIV-inhibitory compounds from medicinal plants, microbes and marine organisms” at the International Conference on Interface of Chemistry, Material Chemistry and Pharmaceutical Sciences (ICMCPS-2023) jointly organized by Royal Global University and Cotton University, Guwahati, Assam, India during November 8-10, 2023.
23. Chaired a session at at the International Conference on Interface of Chemistry, Material Chemistry and Pharmaceutical Sciences (ICMCPS-2023) jointly organized by Royal Global University and Cotton University, Guwahati, Assam, India during November 8-10, 2023.
24. Attended the 29th Federation of Asian Pharmaceutical Congress (FAPA) Congress held at Taipei City, Taiwan (R.O.C), from October 24th to 28th, 2023.
25. Delivered an invited lecture on “Multidrug resistant antibacterial and HIV-inhibitory compounds from medicinal plants, microbes and marine organisms” at the BAS-AASSA Symposium on Nature for Sustainable Development, National Museum of Science and Technology Bhaban, Agargaon, Dhaka, Bangladesh during September 8-9, 2023.
26. Delivered a lecture entitled “Teaching and teacher” at the faculty development program of State University of Bangladesh, Satmasjid Road campus, Dhaka on July 06, 2023.
27. Delivered the academy lecture entitled “Drug discovery: bioactive compounds from medicinal plants, microbes and marine animals” organized by Bangladesh Academy of Sciences in Pharmacy Lecture Theatre (PLT), Faculty of Pharmacy, University of Dhaka on June 13, 2023.
28. Delivered a plenary lecture entitled “Drug discovery: Antimicrobial, antidiabetic, anticancer, antioxidative and HIV-inhibitory constituents from medicinal plants, microbes and marine organisms” at the BCSIR Congress- 2000, held in DRiCM auditorium, BCSIR, Dhaka during December 1-3, 2022.

29. Delivered an invited lecture entitled “Drug Discovery: Bioactive compounds from medicinal plants, microbes and marine organisms” at Bangladesh Academy of Sciences-Young Scientist Congress (BAS-YSC)- 2022 held in Bangladesh Science Complex, Agargaon during December 25-27, 2022.
30. Delivered the Ishidate Awardee lecture entitled “Drug discovery: bioactive compounds from medicinal plants, microbes and marine organisms” at the 28th Federation of Asian Pharmaceutical Associations Congress (FAPA-2022) and National Pharmacists Convention 2022 held in Kuala Lumpur, Malaysia from November 8-12, 2022.
31. Delivered an invited lecture on Drug discovery: Antimicrobial Constituents from Medicinal Plants, Microbes and Marine Organisms in Live Talk on Infectious Disease organized by Merck Scientific Company on September 28, 2022.
32. Delivered an invited talk on “NMR Spectroscopy: what structural information we can get from the ¹H NMR spectrum and how to interpret the ¹H NMR spectra of simple organic compounds” 77th Training Program of NITUB on the use, maintenance and trouble-shooting of Nuclear Magnetic Resonance (NMR) spectroscopy held in Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka during December 19-23, 2021.
33. Participated at the virtual regional consultation on “Draft Ethics of Artificial Intelligence (AI)” jointly organized by the Government of the Republic of Korea and UNESCO on 23 and 24 July 2020.
34. Delivered a lecture on “Basic instrumentation of HPLC and its applications” at the 73rd Training Program of NITUB on the use, maintenance and trouble-shooting of High-Performance Liquid Chromatography (HPLC) held in the Centre for Advance Research in Sciences (CARS), University of Dhaka on April 28, 2019.
35. Delivered a plenary lecture entitled “Polyoxygenated Flavones from *Nicotiana plumbaginifolia* Show Analgesic and Anxiolytic Activities in Mice Model” at the 4th International Conference on Advances in Medical Sciences (ICMAS-2019), Kuching Sarawak, Malaysia during April 13-14, 2019.
36. Delivered an invited lecture on “Highly Oxygenated Bioactive Flavonoids from *Nicotiana plumbaginifolia* (Solanaceae)” at the 6th International Congress of the Society for Ethnopharmacology (SFEC), Manipal Academy of Higher Education, Manipal, India during February 8-10, 2019.
37. Participated at the 27th Federation of Asian Pharmaceutical Associations Congress (FAPA-2018) held in Manila, Philippines from October 24-27, 2018.
38. Delivered a lecture entitled “Natural products-based drug discovery in Bangladesh” at the Department of Chemistry, University of Botswana, Gaborone, Botswana on September 12, 2018.

39. Delivered a keynote lecture entitled “Natural Products-A Continuing Source of New Drug Candidates” at the Phytochemical Society of Europe-Young Scientists’ Meeting (PSE-YSM) on Advances in Phytochemical Analysis (Trends in Natural Products Research), held in Liverpool John Moores University, Liverpool, United Kingdom, on 2-5th July, 2018.
40. Presented a poster entitled “Chemical and biological studies of *Nicotiana plumbaginifolia* (Solanaceae)” at the at the Phytochemical Society of Europe-Young Scientists’ Meeting (PSE-YSM) on Advances in Phytochemical Analysis (Trends in Natural Products Research), held in Liverpool John Moores University, Liverpool, United Kingdom, on 2-5th July, 2018.
41. Delivered an oral presentation entitled “Natural Products- A Continuing Source of New Drug Candidates” at the 34th International Conference Natural Products 2018 (ICNP 2018) held in Universiti Sains Malaysia (USM), Penang, Malaysia on 19 – 21 March 2018.
42. Delivered a talk entitled “Quality Control of Herbal Medicines” at the 1st National Symposium on Herbal Medicine: New Approaches to Validation and Quality Control organized by Natural Products Society of Bangladesh (BNPS) held in State University of Bangladesh, 77, Satmashid Road, Dhanmondi, Dhaka-1205, Bangladesh on 3rd March 2018.
43. Delivered an invited lecture entitled “How to Write and Abstract” at Workshop on “How to Prepare a Manuscript” held in BMRC Bhaban, Mohakhali, Dhaka during 25-27th February 2018.
44. Delivered a speech entitled “Recent trends of natural products research in Bangladesh” at the 18th International Congress of International Society for Ethnopharmacology & 5th International Congress of Society for Ethnopharmacology, India: “Ethnopharmacology and Drug Development: Innovation meets Tradition” held in Nabab Nawab Ali Chowdhury Senate Bhaban on 13-15th January 2018.
45. Delivered a keynote speech entitled “Structure Elucidation of Coumarins by NMR Spectroscopy” at the International Workshop on Applications of NMR in Pharmaceutics, Phytotherapeutics and Medicine, held in Bezmialem Vakif University (BVU), Istanbul, Turkey, on 15-17th November 2017.
46. Delivered an inaugural lecture entitled “Chemical and Biological studies of *Nicotiana plumbaginifolia* (Solanaceae) at the National Symposium “Ashwagandha” & Ethnopharmacology Conclave “Uses of Medicinal Plants by Traditional Healers of India-Local Health Tradition” held at Jadapur University, Kolkata on 9-7th September 2017.
47. Attended at the Workshop on “Natural Products Based Drug Discovery” held in the International School of Medicine, Istanbul Medipol University, Turkey during 15-18th August 2017.
48. Delivered a keynote speech entitled “Natural Products Based Drug Discovery in Bangladesh” at the ISE-SFEC national conference 2017: Drug Discovery and Development from Natural Sources, held in Nabab Nawab Ali Chowdhury Senate Bhaban on 21st May 2017.
49. Delivered a talk on “Quality Control and Quality Assurance of Pharmaceutical Products by UV-Vis and IR Spectrophotometry” at the 64th Training Program of NITUB on UV-Vis and

IR Spectrometer at the Centre for Advanced Research in Sciences, University of Dhaka, Dhaka-1000 on April 12, 2017.

50. Attended the CPI-India Expo- 2016 held in Bombay Exhibition Center & MMRDA Grounds, BKC, Mumbai, India during November 21-23, 2016.
51. Attended the Federation of Asian Pharmaceutical Association (FAPA) Congress- 2016 held in Bangkok International Trade and Exhibition Centre, Bangkok, Thailand during 9-13 November 2016.
52. Delivered an invited lecture on “Natural Products Based Drug Discovery in Bangladesh” at the Faculty of Medicine, University Kabangsaan Malaysia, Kuala Lumpur on October 06, 2016.
53. Attended at the NASIC-UITM Workshop on Drug Development from Indigenous Plants in Developing Countries from 4 -7th October, 2016
54. Delivered a keynote speech entitled “Natural Products Based Drug Discovery in Bangladesh” at the Centre for Natural Product Studies, Jadadpur University, Kolkata, India on June 16, 2016.
55. Delivered a keynote speech entitled “Natural Products Based Drug Discovery in Bangladesh: Antidiabetic Activity of Some Medicinal Plants of Bangladesh” at the 16Th Asian Chemical Congress (16 ACC) held in Dhaka, Bangladesh from March 16-19, 2016.
56. Delivered a plenary lecture on “Natural Products Based Drug Discovery in Bangladesh” at the Fisrt SQU Internatrional Chemistry Conference: Recent Trends in Drug Development at Muskat, Oman from November 10-12, 2015.
57. Delivered Prof. A. Hisham endowment lecture entitled “Recent Progress in Phytochemical Research in Bangadesh” at the 1st International Symposium on Phytochemistry organized by the Kerala Academy of Sciences, India on April 25, 2015.
58. Delivered an invited lecture entitled ‘Drug discovery: natural product research in Bangladesh’ at the Department of Pharmacy, Lincoln University College, Malaysia on December 17, 2014.
59. Delivered an invited lecture on “Natural Products Based Drug Discovery in Bangladesh” at the Department of Chemistry, University of Malaya, Malaysia on December 15, 2014
60. As a Visiting Professor (December 15-16) delivered a public lecture entitled “Natural products-based drug discovery: Antidiabetic activity of some medicinal plants of Bangladesh” at the Faculty of Pharmacy, University Kabangsan Malaysia, Kuala Lumpur.
61. As a Visiting Professor (December 15-16) delivered a lecture to the post gradulate students on Separation and purification of secondary metabolites: role of HPLC at the Faculty of Pharmacy, University Kabangsan Malaysia, Kuala Lumpur.
62. Presented a posrer entitled “Anti-diabetic activity of some medicinal plants of Bangladesh” at the Joint Malaysia-UK symposium on natural products chemistry held on December 13, 2014 at the International Medical University, Malaysia.
63. Delivered an invited letecture on “Natural Products Based Drug Discovery in Bangladesh” at the Department of Chemistry, University of Malaya, Malaysia on December 15, 2014

64. Delivered invited lecture entitled “Natural products-based drug discovery: anti-diabetic activity of some medicinal plants of Bangladesh” at the ANRAP 7th International Seminar on Prevention & Management of Diabetes: Prospects & Challenges held in Nepal Academy Hall, Kathmandu, Nepal during 22-24 March 2013.
65. Delivered keynote speech on “Natural products-based drug discovery in Bangladesh” at the 1st International Symposium on Pharmaceutical Sciences: A Global Approach held on February 26, 2013 at the University of Science and Technology Chittagong, Bangladesh.
66. Delivered plenary lecture entitled “Phyto-pharmacological studies of some medicinal plants of Bangladesh with special emphasis to anti-diabetic drug discovery” in the International Conference on Diabetes Mellitus and Cancer (DIA-CAN'2012) held in Annamalai University, Chidambaram, Chennai, Tamil Nadu, India during December 14-16, 2012.
67. Delivered invited lecture on “Phyto-pharmacological studies of some medicinal plants of Bangladesh with especial emphasis to anti-diabetic drug discovery” at the 3rd Indian National Seminar of Asian Network of Research on Anti-diabetic Plants (ANRAP), Prevention & Management of Diabetes: Prospects & Challenges held in RG Kar Medical College, Kolkata, India during September 14-16, 2012.
68. Delivered a plenary lecture on “Drug discovery from natural products in Bangladesh” at the AFASSA-ANRAP Workshop on Chemical and Biological Studies on Bioactive Plant Materials at Bangladesh Institute of Health Sciences (BIHS), Mirpur, Dhaka, Bangladesh from December 31, 2011 to January 03, 2012.
69. Delivered a plenary lecture on “Recent trends of natural products research in Bangladesh” at the 2nd ANRAP National seminar on Plants in Diabetes: Prospects & Challenges at Guwahati University, Assam, from April 08-09, 2011.
70. As a Visiting Professor (from March 03-06, 2011) delivered, a lecture entitled “Recent trends in natural products research in Bangladesh” at the Faculty of Pharmacy, University Kabangsan Malaysia, Kuala Lumpur.
71. Participated at the ExActCoat seminar organized by BASF South Asian regional Office in Hong Kong from October 20-21, 2010.
72. As an invited speaker delivered a lecture on “Recent trends in natural product research and Bangladesh perspective” at the 7th ANRAP National Seminar on Antidiabetic Plant Materials Separation techniques and Biological Testing at Bangladesh Institute of Health Sciences (BIHS) auditorium, Dhaka, Bangladesh from July 16-17, 2010.
73. Participated at the “Educating Pharmacists (Asia) Symposium” held in National University of Singapore (NUS) during April 15-16, 2010 organized by NUS, and supported by the South East Asian FIP-Who Pharmaceutical forum.
74. Delivered a plenary lecture on “Drugs from Nature” at the 6th ANRAP International Seminar on Plant Materials as a Source of Antidiabetic Agents at LGED auditorium, Dhaka, Bangladesh from January 15-17, 2010.
75. Delivered a plenary lecture entitled “Bioactive compounds from medicinal plants and microbes of Bangladesh” at the regional seminar on Plants in Diabetes: Prospects & Challenges jointly organized by ANRAP, Bangladesh and Nepal Institute of Health Sciences, Kathmandu, Nepal at Hotel Shankar, Kathmandu, Nepal from June 06-07, 2009.

76. As an invited speaker delivered a talk entitled “Bioactive compounds from medicinal plants and microbes of Bangladesh” at the Hamdard International Integrative Medicine Conference-2008 at Hamdard University, Karachi, Pakistan from November 24-26, 2008.
77. As an invited speaker delivered a talk entitled “Bioactive compounds from medicinal plants and microbes of Bangladesh” at the 12th International Conference on Traditional Medicine, held in COEX, Samsung-dong, Gangnam-gu, Seoul, Korea on November 13, 2008.
78. As an invited speaker delivered a talk entitled “New and interesting compounds from some medicinal plants and microbial strains of Bangladesh” at the 6th national seminar on Antidiabetic plant materials: separation techniques and biological testing organized by ANRAP (Asian Network for Research on Antidiabetic Plants) held in Dhaka on March 15, 2008.
79. Participated at the WHO Regional Meeting on Role of Education in Rational Use of Medicines (RUM) held at Hotel Montien, Bangkok, Thailand during December 12-14, 2007.
80. Attended at the Pharmaceutical Summit organized by Shimadzu Asia Private Limited held in Swissotel Stamford, Singapore during December 6-7, 2007.
81. As an invited speaker delivered a talk on “Natural products- potential sources of new drugs” at the First Indian Seminar on Plants in Diabetes- Prospects & Challenges held at the North East Institute of Science and Technology (NEIST), Jorhat, India during November 05-07, 2007.
82. Attended the International Summit on Generic Antithrombotic Drugs organized by the International Union of Angiology (IUA), International Academy of Clinical and Applied Thrombosis (ICATH), North American Thrombosis Forum (NATF) & South Asian Society on Atherosclerosis and Thrombosis (SASAT) in Taj Mahal Hotel, Delhi, India on October 12, 2007.
83. Participated at the symposium 'Standardisation of natural products' jointly organized by Radiant Pharmaceuticals Ltd and Sinoveda Canada Incorporated at Hotel Sheraton in Dhaka, on 22 May, 2007.
84. As an invited speaker delivered a talk on “Present and future research perspectives in herbal, pharmaceuticals, biopharmaceuticals and biotechnological areas” at the Conference on Promotion of Biotechnology in Bangladesh: National and International Perspectives held in Dhaka, Bangladesh from April 6-8, 2007.
85. Participated at the workshop on WHO Pricing of Medicines held in Kandy, Sri Lanka during June 13-16, 2006.
86. Delivered a talk, as an invited speaker, on “New chondropsin macrolide lactams from the marine sponges in the genus *Ircinia*” at the 10th Asian Symposium on Medicinal Plants, Spices, and Other Natural Products (ASOMPS X), held in Dhaka, Bangladesh from November 18-23, 2000.
87. Attended the 220th National Meeting of the American Chemical Society, held in Washington, DC, USA from August 22-26, 2000.

88. Presented a poster entitled “Cytotoxic β -carboline alkaloids from the ascidian *Eudistioma* sp.” at the 41st Annual Meeting of the American Society of Pharmacognosy, Seattle, Washington, USA during July 22-26, 2000.
89. Presented a poster entitled “HIV-inhibitory cembrane derivatives from the soft coral *Lobophytum* sp.” at the Joint Meeting of the American Society of Pharmacognosy, Association Francaise pour l'Enseignement et la Recherche en Pharmacognosie, Gesellschaft für Arzneipflanzenforschung, and Phytochemical Society of Europe held in Amsterdam during July 26-30, 1999.
90. As an invited speaker presented a talk on “Chemical and biological studies of some medicinal plants of Bangladesh” at the Department of Biology, University of Minnesota-Duluth on October 23, 1998.
91. Participated at the ANRAP (Asian Network for Research on Antidiabetic Plants) workshop on Phytochemical Techniques held in the H.E.J. Research Institute of Chemistry, University of Karachi, Pakistan during November 16-20, 1996.
92. Presented a poster entitled “Mycalolides D and E, new cytotoxic macrolides from a collection of a stony coral *Tubastrea* sp.” at the 35th Annual Buffalo Medicinal Chemistry Symposium, University of Buffalo, New York, USA during May 22-25, 1994.
93. Delivered a lecture entitled “Studies on Medicinal Plants of Bangladesh” at the National Seminar on Traditional Medicines held on March 22, 1993 at the Hotel Purbani International, Dhaka, Bangladesh.
94. Attended a 15-day (16/7/92-30/7/92) international workshop organized by the International Network on Rational Use of Drugs (INRUD), held in Dhaka, Bangladesh.

Organizer of seminars /symposiums/ workshops

1. Chairman of the Organizing Committee of International Conference on Pharmaceutical Sciences (ICPS-2023) held in the permanent campus of State University of Bangladesh (SUB) at South Purbachal during May 11-12, 2023.
2. Chairman of the Scientific Committee of the 2nd International Conference on Pharmaceutical Sciences organized by the Department of Pharmacy, Faculty of Pharmacy, University of Dhaka during February 10-11, 2023 at Dhaka, Bangladesh.
3. As Coordinator for Bangladesh, I organized the “Workshop on Development of Novel Antibiotics to Tackle Antimicrobial Resistance (AMR)” at the Centre for Advanced Research in Sciences (CARS), University of Dhaka, Bangladesh during March 24-25, 2019.
4. Organizing Secretary of 1st National Symposium on Herbal Medicine: New Approaches to Validation and Quality Control organized by Natural Products Society of Bangladesh (BNPS) held in State University of Bangladesh, 77 Satmashid Road, Dhanmondi, Dhaka-1205, Bangladesh on 3rd March 2018.
5. President of the Organizing Committee of 18th International Congress of International Society for Ethnopharmacology & 5th International Congress of Society for

Ethnopharmacology, India: “Ethnopharmacology and Drug Development: Innovation meets Tradition” held in Nabab Nawab Ali Chowdhury Senate Bhaban on 13-15th January 2018.

Principal Investigator/Project Director of completed/ongoing research projects

- Project title:** Antiproliferative, Antistaphylococcal and Immunomodulatory Activities of Selected Phytopharmacologically Unexplored *Cissus* and *Wendlandia* species.
Funding source: Ministry of Education, Government of the People’s Republic of Bangladesh.
Session: 2022-2024
Grant amount: 19,65,000/- Taka
- Project title:** Multi-drug-resistant antimicrobial and antiproliferative activities of phytopharmacologically unexplored *Mesua nagassarium* (Brum. F.) and *Drimycarpus acemosus* (Hook.f.).
Funding source: University of Dhaka- University Grants Commission of Bangladesh
Session: 2023-2024
Grant amount: 5,25,000/- Taka
- Project title:** Evaluation of marine macroalgae and endophytic fungi to explore their anticancer and antimicrobial potentials and functional food values.
Funding source: Bangladesh Academy of Science-United States Department of Agriculture (BAS-USDA)
Session: 2023-2025
Grant amount: 68,00,000/- Taka
- Project title:** Chemical Constituents, Bioactivities, Germination Characteristics and Propagation of Three Endangered Plant Species of Bangladesh.
Funding source: Ministry of Education, Government of the People’s Republic of Bangladesh.
Session: 2017-2020
Grant amount: 28,00,000/- Taka
- Project title:** Evaluation of safety and efficacy at cellular and molecular level of selected cardioactive herbal drugs available in Bangladesh.
Funding source: Higher Education Quality Enhancement Project (HEQEP), University Grants Commission of Bangladesh.
Session: 2014-2017
Grant money: 80,00,000/-
- Project title:** Chemical and biological investigations of *Corypha talitera* Roxb., the only living species and its propagation and plantation.
Funding source: Ministry of Education, Government of the People’s Republic of Bangladesh.
Session: 2014-2017
Grant amount: 29,25,000/- Taka

7. **Project title:** Discovery and development of antidiabetic drug(s) from *Momordica charantia* (L.), a traditionally used medicinal plant of Bangladesh.
8. **Funding source:** University of Dhaka
Session: 2015-2016
Grant amount: 75,000/- Taka
9. **Project title:** Bioactive principles from some medicinal plants of Bangladesh.
Funding source: Ministry of Education, Government of the People's Republic of Bangladesh.
Session: 2010-2013
Grant amount: 15,00,000/- Taka
10. **Project title:** Antihypertensive principles from *Kalanchoe pinnata* (Lam.) and *Bryophyllum daigremontianum* (Raym)
Funding source: University of Dhaka
Session: 2010-2011
Grant amount: 1,00,000/- Taka
11. **Project title:** Chemical and biological studies of some medicinal plants of Bangladesh.
Funding source: Ministry of Science and Technology, Government of the People's Republic of Bangladesh.
Session: 2005-2006
Grant amount: 5,00,000/- Taka

Supervision of M.Phil. and Ph.D. students

Ph.D. Thesis		
Sl. No.	Name and Year	Title
1.	Md. Moniruzzaman 2023	Antimicrobial constituents from indigenous plants growing in Bangladesh. University of Dhaka, Dhaka
2.	Israt Zahan Bulbul 2022	Chemical and biological studies of of some <i>Listea</i> species available in Bangladesh. University of Dhaka, Dhaka
3.	Fahima Aktar 2021	Studies of drug-drug and drug-metal interactions of some selected antidiabetic, antihypertensive and lipid-lowering drugs. University of Dhaka, Dhaka
4.	Akhteruzzaman Chowdhury 2021	Phytochemical and biological studies of <i>Corypha talitera</i> Roxb., the only living species in the world. Rajshahi University of Engineering and Technology, Rajshahi

5.	Asma Rahman 2019	Quality assessment of some commonly used enantiomeric drugs in Bangladesh. University of Dhaka, Dhaka
6.	Mokaram Hossain 2019	Studies of stress degradation and impurity profiles of some 5-HT ₃ antagonists. University of Dhaka, Dhaka
7.	Md. Maksudul Alam 2019	Behaviour of some selected butterflies and its influence on nutritional and medicinal values of host plants. University of Dhaka, Dhaka
8.	Mohammed Ibrahim 2018	Chemical and biological studies of some medicinal plants used by the small ethnic community people of Chittagong hill tracts. University of Dhaka, Dhaka
9.	Nahid Sultana 2017	Taxonomy, propagation and chemical properties of selected anticancerous plants of Bangladesh. University of Dhaka, Dhaka
10.	Adeeba Anjum 2015	Cytotoxic and anti-microbial constituents from some Bangladeshi <i>Bridelia</i> and <i>Erythrina</i> Species. University of Dhaka, Dhaka
11.	Selina Kabir 2014	Anti-cancer and cytotoxic constituents from some Bangladeshi medicinal plants. University of Dhaka, Dhaka
12.	Md. Alamgir Hossain 2011	hypoglycemic activity of some traditionally used medicinal plants of Bangladesh. University of Dhaka, Dhaka
M. Phil. Thesis		
1.	Tahmina Sultana Zuthi 2022	Ethnomedicinal plants for the management of cardiovascular disease in Bangladesh. University of Dhaka, Dhaka
2	Md. Shazid Sarker 2011	Chemical and biological studies of two crassulaceous species available in Bangladesh. University of Dhaka, Dhaka
3	A F M Masud Reza	palladium mediated synthesis of isoquinoline derivatives and study of their biological activities. Bangladesh University of engineering and Technology, Dhaka
3	Md. Hossain Sohrab 2000	Chemical and biological investigations of some rutaceous plants of Bangladesh

Personal information

Date of birth: January 01, 1960

Father's name: Md. Ali Hossain

Mother's name: Hadia Khatun

Present address: Selection grade Professor, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Dhaka, Dhaka-1000, Bangladesh

Permanent address: Village- Shahar Bati, Post Office- Vatpara-7110, Upa- zilla- Gangni
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LIST OF PUBLICATIONS OF DR. MOHAMMAD ABDUR RASHID

A. Books/book chapters

1. M.A. Mazid and **M.A. Rashid** (2012). Fundamentals of Pharmacy and Pharmacy Practices, ISBN: 978-984-33-5795-3. Ashrafia Boighar, Bangla Bazar, Dhaka-1100, Bangladesh, 326 pages.
2. M.Z. Sultan and **M.A. Rashid** (2014). Experimental Organic, Medicinal & Natural Product Chemistry, ISBN: 978-984-33-6337-4. Ashrafia Boighar, Bangla Bazar, Dhaka-1100, Bangladesh, 339 pages.
3. **M.A. Rashid**, M. A. Sikder and M. S. Amran (2013). Qucik Pharmacy Review, ISBN: 978-984-337947-4. Ashrafia Boighar, Bangla Bazar, Dhaka-1100, Bangladesh, 410 pages.
4. Mst. Nazma Parvin, **Mohammad Abdur Rashid** and Md. Saiful Islam (2011). Chemical and Biological Investigations of *Dillenia indica*: Chemical constituents and bioactivity of *Dillenia indica* (ISBN: 978-3-8383-0255-3), LAP LAMBERT Academic Publishing GmbH & Co., KG Germany, (<http://www.vdm-publishing-house.com>; <http://www.amazon.com>), 124 pages
5. Rokeya Begum, **Mohammad Abdur Rashid** and A.M. Sarwaruddin Chowdhury (2011). Medicinal Plants of Bangladesh, Volume-I: Chemical Constituents and Bioactivities. (ISBN-10: 3844328009; ISBN-13: 978-3844328004), LAP LAMBERT Academic Publishing GmbH & Co., KG Germany, (<http://www.vdm-publishing-house.com>; <http://www.amazon.com>), 252 pages.
6. Kulsum Ara, **Mohammad Abdur Rashid** and Choudhury Mahmood Hasan (2011). Medicinal Plants of Bangladesh, Volume-II: Chemical Constituents and Bioactivities of two Burseraceous sp. (ISBN-10: 3844382607; ISBN-13: 978-3844382600), LAP LAMBERT Academic Publishing GmbH & Co., KG Germany (<http://www.vdm-publishing-house.com>; <http://www.amazon.com>), 156 pages.
7. Mohammad Sharifur Rahman, **Mohammad Abdur Rashid** and Mohammad Abul Kaisar (2011). Medicinal Plants of Bangladesh: Volume-III: Antidiabetic Principle from *Eclipta prostrata*. (ISBN: 978-3-8454-7409-0); LAP LAMBERT Academic Publishing GmbH & Co., KG Germany, (<http://www.vdm-publishing-house.com>; <http://www.amazon.com>)
8. Mohammad Ruhul Kuddus, **Mohammad Abdur Rashid** and Choudhury Mahmood Hassan (2012). Medicinal Plants of Bangladesh: Vol-IV: Phytochemical Studies on the Rarely Occurring Fruits of *Melocanna baccifera* (Roxb.) Kurz. (ISBN-10: 3848431645; ISBN-13:

978-3848431649), LAP LAMBERT Academic Publishing GmbH & Co., KG Germany (<http://www.vdm-publishing-house.com>; <http://www.amazon.com>), 84 pages.

9. Reja-ul Jalil, A.Y. Sk. Ferojuddin Ahmed Chowdhury and **Mohammad Abdur Rashid** (2005). General Pharmacy, Eds. Ghani, A. et al; Published by the Pharmacy Council of Bangladesh, Dhaka.
9. Herbal Medicines in Primary Health Care - Introduction, Cultivation and Uses (ISBN: 984-32-0897-8), 1st print: 2005; Member - Editorial board, Published by the Ministry of Health and Family Welfare, Government of the Peoples' Republic of Bangladesh.
10. Md. Abdul Mazid, Abu Asad Chowdhury and **Mohammad A. Rashid** (2022). Current Scenario of Pharmacy Education in Bangladesh: Role of Faculty of Pharmacy, University of Dhaka. In: Pharmacy Education and Research in the University of Dhaka. Faculty of Pharmacy, University of Dhaka, Chapter 1, pp. 1-25.
11. Rashid, M.A., Sultan, M.Z.S. and Rahman, M.S. (2025). Drug discovery: potential bioactive compounds from medicinal plants, microbes and marine organisms. Springer Nature (in press).

B. Dissertation/ Thesis

1. **Rashid, M.A.** (1986). Antihypertensive principle from *Moringa oleifera*- a dissertation submitted to the University of Dhaka in partial fulfilment of the requirements for the degree of Master of Pharmacy, 1982 (exam. held in 1985).
2. **Rashid, M.A.** (1991). Phytochemical and chemotaxonomic studies in Eriostemoninae (Rutaceae)- a thesis submitted to the University of Strathclyde, Glasgow, United Kingdom for the degree of Doctor of Philosophy (degree offered in 1992).

C. Original research and review papers

	2025
1.	Hossain, F, Ashraful, A.B.M., Hossain, M.J., Rashid, M.A. and Alam, A.H.M.K. (2025). The pharmacological prospects of <i>Curcuma</i> : a review of its antimicrobial, antioxidant, and anticancer properties. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 24 (2) (in press).
2.	Siddiq, M.M.A., Akter, J., Sathi, Z.S., Kuddus, M.R. and Rashid, M.A. (2025). Evaluation of hypolipidemic and hypoglycemic effects of <i>Dillenia indica</i> L. on alloxan-induced diabetic rats. <i>Asia Journal of Pharmacognosy</i> 9 (3), 1-11. DOI: http://dx.doi.org/10.71221/ajp.09308 ; Accepted on: July 17, 2025.
3.	Sayed, M.A., Sultan, Z., Masud, M.M. and Rashid, M.A. (2025). Gentamicin Sulfate–Based Metal Complexes: Synthesis, Characterization and Antimicrobial Activity, <i>Indian Journal of Chemistry</i> , 64 (11), 1089-1096. DOI: https://doi.org/10.56042/ijc.v64i11.23368 ; Published: November 25, 2025.

4.	Juthi, T. S., Kuddus, M. R., Uddin, M. Z., Hassan, M. A., and Rashid, M. A. (2025). Evaluation of thrombolytic activity of three ethnomedicinal plants in Bangladesh. <i>Bangladesh Journal of Botany</i> , 54 (3), 619-622. https://doi.org/10.3329/bjb.v25i3.84491 ; Published: September 29, 2025.
5.	Khan, A., Kuddus, M. R., Rashid, M. A. , Hossain, M. S., and Uddin, M. A. (2025). Isolation and characterization of lantanillic acid from <i>Lantana camara</i> L. in Bangladesh. <i>Bangladesh Journal of Botany</i> , 54 (3), 465-468. https://doi.org/10.3329/bjb.v25i3.84579 ; Published: September 29, 2025.
6.	Rafi, M. O. S., Shristy, N. T., Mimi, S. S., Chhanda, S. A., Rahman, M. H., Rahman, M. S., Rashid, M.A. and Muslim, T. (2025). Antioxidant, thrombolytic, cytotoxic and membrane stabilizing activities and fatty acid composition of <i>Acmella Calva</i> (DC.) flower. <i>Bangladesh Journal of Botany</i> , 54 (3), 433-439. https://doi.org/10.3329/bjb.v25i3.84427 ; Published: September 29, 2025.
7.	Haeuser, E., Byrne, S., Nguyen, J.,----- Rashid, M.A. , -----Hay, S.I., Lim, S.S. and Mosser, J.F. (2025). Global, regional, and national trends in routine childhood vaccination coverage from 1980 to 2023 with forecasts to 2030: a systematic analysis for the Global Burden of Disease Study 2023. <i>The Lancet</i> volume 406, Issue 10500, 235-260; https://doi.org/10.1016/S0140-6736(25)01037-2 ; Published: online July 19, 2025.
8.	Faruk, M. O., Arafat, S., Hossain, M. K., Mansur, M. A. A., Rashid, M. A. and Rahman, M. S. (2025). Antioxidant and anticancer potentials of some pyrazole and pyrimidine derivatives of 1,3-diphenylprop-2-en-1-one. <i>Bangladesh Pharmaceutical Journal</i> , 28 (2), 142-151. https://doi.org/10.3329/bpj.v28i2.83236 ; Published: July 27, 2025.
9.	Papia, S. A., Rashid, M. A. , Nath, T. D., Uddin, M. Z., Ibrahim, M. and Hossen, M. S. (2025). Artificial intelligence and machine learning for pharmacy students and pharmaceutical professionals: a narrative review. <i>Bangladesh Pharmaceutical Journal</i> , 28 (2), 228-239. https://doi.org/10.3329/bpj.v28i2.83234 ; Published: July 27, 2025.
10.	Islam, M. A., Kuddus, A., Hossain, M. K. and Rashid, M. A. (2025). Pharmacological potential of <i>Bouea oppositifolia</i> (Roxb.) Adelb. leaves: antioxidant, antimicrobial and membrane-stabilizing properties. <i>Bangladesh Pharmaceutical Journal</i> , 28 (2), 203-213. https://doi.org/10.3329/bpj.v28i2.83233 ; Published: July 27, 2025.
11.	Haque, K. M. F., Hossain, M. K., Rashid, M. A. and Rahman, M. S. (2025). Synthesis and assessment of antiproliferative, antioxidant, and in silico features of (E)-3-(4-nitrophenyl)-1-phenyl-prop-2-en-1-one and its two pyrazole derivatives. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 24 (1), 95-104. https://doi.org/10.3329/dujps.v24i1.82414 ; Published: June 26, 2025.
12.	Mahjabin, N., Ashrafi, S., Sharmin, N., Rashid, M. A. and Haque, M. R. (2025). Phytochemical and pharmacological evaluation of <i>Parmentiera aculeata</i> (Family: Bignoniaceae). <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 24 (1), 77-86. https://doi.org/10.3329/dujps.v24i1.82412 ; Published: June 26, 2025.

13.	Hossain, M.J., Samadd, M.A., Urmi, M.N.Z., Reshmi, M.F.Y., Hossen, M.S. and Rashid, M.A. (2025). Phytochemical isolation and antimicrobial, thrombolytic, anti-inflammatory, analgesic, and antidiarrheal activities from the shell of commonly available <i>Citrus reticulata</i> Blanco: multifaceted role of polymethoxyflavones. <i>Nutrition and Metabolic Insights</i> . 2025;18. https://doi.org/10.1177/11786388251327668 ; Published: April 24, 2025.
14.	Ali, M.H., Mimi, S.S., Chandal, S.A, Hasan, M.M., Rafi, M.O.S, Shristy, N.T., Rashid, M.A. and Muslim, M.T. (2025). Analgesic, hypoglycemic, sedative, antidiarrheal, thrombolytic, anti-Inflammatory activity of <i>Syzygium fruticosum</i> DC. <i>Asian Journal of Pharmacognosy</i> 9(1), 12-20. DOI: http://dx.doi.org/10.71221/ajp.09102 ; Published: April, 2025.
15.	Hasib. M.S., Safaet Alam, F.T., Bari, M.S., Rashid, M.A. and Hossain, M.A. (2025). Isolation, structure elucidation, and bioactivity evaluation of secondary metabolites from <i>Vachellia farnesiana</i> (L.) Wight & Arn. <i>Chemistry & Biodiversity</i> , 22(10), e00553. https://doi.org/10.1002/cbdv.202500553 ; First published: May 30, 2025.
16.	Hossain, M.J., Hossen, M.S., Rahman, M.A., Khan, M.H., Roy, J.J., Ullah, H., Islam, K.A., Mohasin, M.B., Mimi, M.M.A., Meghla, M.H., Bhuyian, M.R.K., Barua, U. and Rashid, M.A. (2025). Unlocking the anti-infective potential of phytoconstituents derived from <i>Euphorbia neriifolia</i> Linn. Molecular docking, pharmacokinetics, drug-likeness, and toxicological evaluations. <i>Pharmacological Research - Natural Products</i> . Volume 7, June 2025, 100219. https://doi.org/10.1016/j.prenap.2025.100219 . Published: June 1, 2025.
17.	Mahjabin, N., Ashrafi, S., Sharmin, N., Rashid, M. A. and Haque, M. R. (2025). Phytochemical and pharmacological evaluation of <i>Parmentiera aculeata</i> (Family: Bignoniaceae). <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 24(1), 77-86. https://doi.org/10.3329/dujps.v24i1.82412 ; Published: June 26, 2025.
18.	Haque, K. M. F., Hossain, M. K., Rashid, M. A. , and Rahman, M. S. (2025). Synthesis and assessment of antiproliferative, antioxidant, and in silico features of (E)-3-(4-nitrophenyl)-1-phenyl-prop-2-en-1-one and its two pyrazole derivatives. <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 24(1), 95-104. https://doi.org/10.3329/dujps.v24i1.82414 ; Published: June 26, 2025.
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