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Personal Details

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Employment and Experiences

Institution	Position	Department	Period
Jagannath University, Dhaka	Professor	Dept. of Chemistry	16 May 2019 to till date
Jagannath University, Dhaka	Associate Professor	Dept. of Chemistry	10 December 2014 to 16 May 2019
Jagannath University, Dhaka	Assistant Professor	Dept. of Chemistry	28 April 2011 to 10 December 2014
Jagannath University, Dhaka	Lecturer	Dept. of Chemistry	06 January 2008 to 28 April 2011
Sirajganj Government College, Sirajganj 26th BCS (General Education, Chemistry, First Position)	Lecturer	Dept. of Chemistry	02 April 2006 to 05 January 2008

Academic Qualifications

Degree obtained/ Exam. Passed	Institution	Completion Year	Result
PhD in Bioresources Sciences (Organic Synthesis and Bioactivity Evaluation)	Tottori University Tottori, Japan	2014	Degree Awarded (Monbukagakusho: MEXT Scholar)
MS in Biological Science and technology	Shimane University Shimane, Japan	2011	Degree Awarded (Monbukagakusho: MEXT Scholar)
MS in Organic Chemistry	University of Dhaka Dhaka, Bangladesh	2001*	First Class (First position)
B.Sc (Honors) in Chemistry	University of Dhaka Dhaka, Bangladesh	2000**	First Class (Fourth position)
H.S.C (Science)	Notre Dame College Dhaka, Bangladesh	1995	First Division (81.8% Marks)
S.S.C (Science)	Mymensingh Zilla School Mymensingh Bangladesh	1993	First Division (85.6% Marks)

* Exam held in 2005; ** Exam held in 2003.

Research Interest

Briefly, interested in advance methodologies for Organic synthesis. Synthesis, isolation, and characterization of bio-active Spiroketals and their biological activities. Design, synthesis, electrophysiology, mode of action, structure-activity relationships, and molecular modeling of bio-active and pest control chemicals. Design, synthesis, and molecular docking studies of thiazole Schiff bases. *In silico* pharmacokinetic study and molecular dynamics simulation.

Research Experience

1. Performed Ph.D. research to synthesize highly potent competitive antagonist for insect GABA receptors and submitted a thesis entitled “Synthesis and structure-activity relationships of iminopyridazine competitive antagonists in insect GABA receptors” in the United Graduate School of Agricultural Sciences, Tottori University (2014), Japan.
2. Submitted a thesis entitled “Synthesis of gabazine analogues and their antagonist activity against insect GABA receptors” for the partial fulfillment of the MS degree in Shimane University (2011), Japan.
3. Submitted a thesis entitled “Synthesis of Potential Bio-active Spiroketals: Reactions of Diarylideneacetones with cyclic 1,3-diketones” for the partial fulfillment of the MS degree in University of Dhaka (2005), Bangladesh.

Published Papers

1. Sumita Saznin Marufa, Tasnim Rahman, **Mohammad Mostafizur Rahman (Corresponding author)**, Md. Mizanur Rahman, Samira Jarin Khan, Rownok Jahan, Hiroshi Nishino, Mohammad Sayed Alam, Md. Aminul Haque. Design, synthesis, molecular docking, and dynamics studies of novel thiazole-Schiff base derivatives containing fluorene moiety with the assessment of their antimicrobial and antioxidant activity. Accepted in *RSC Advances*. 2024 (**Impact Factor 3.9**).
2. Sumita Saznin Marufa, **Mohammad Mostafizur Rahman (Corresponding author)**, Md. Mizanur Rahman, Rownok Jahan, Gulshan Ara, Hiroshi Nishino, Mohammad Sayed Alam, Md. Aminul Haque. Synthesis, antimicrobial and antioxidant activity with *in silico* ADMET prediction, molecular docking and dynamics studies of carbazole ring containing thiazole Schiff bases. *Asian Journal of Organic Chemistry*. 2024, e202400363, (**Impact Factor 2.8**). DOI: <https://doi.org/10.1002/ajoc.202400363>

3. Sumita Saznin Marufa, **Mohammad Mostafizur Rahman**, Md. Mizanur Rahman, Joya Rani Debnath, Moriom Akter Mim, Rownok Jahan, Hiroshi Nishino, Mohammad Sayed Alam, Md. Aminul Haque. Conventional and microwave-assisted synthesis, antimicrobial and antioxidant activity evaluation with *in silico* studies of carbazole-thiazole-Schiff base hybrids. *Journal of Molecular Structure*. **2025**, 1321, 139861 (**Impact Factor 3.841**). DOI: <https://doi.org/10.1016/j.molstruc.2024.139861>
4. Muhammad Zoadur Rahman, Md. Din Islam, Md. Aminul Haque, **Mohammad Mostafizur Rahman**, Emdad Hossain, and Ranajit Kumar Sutradhar. Synthesis, Characterization, Molecular Docking Studies and Biological Evaluation of Thiazole Schiff Base Analogs. *Asian Journal of Chemistry*, **2024**, 36 (3), 649-654. <https://doi.org/10.14233/ajchem.2024.31077>
5. Rajia Sultana, Md. Din Islam, Fazria Tanjum, **Mohammad Mostafizur Rahman**, Md. Aminul Haque and Rashadul Hossain. Antioxidant, Antibacterial and Antifungal Properties of Black Pepper Essential Oil (*Piper nigrum* Linn.) and Molecular Docking and Pharmacokinetic Studies of Its' Major Component. *Oriental Journal of Chemistry*, **2022**, 38(6), 1554-1560 (**Impact Factor 0.5**). <http://dx.doi.org/10.13005/ojc/380630>
6. Mahua Shahjadi, Md. Aminul Islam, Md. Abdul Alim, Afroza Sultana, **Mohammad Mostafizur Rahman** and Fatema-Tuz-Zohora. EFFICACY OF NEWLY SYNTHESIZED PESTICIDAL CHEMICAL '4-[3-(4-BIPHENYL)-1,6-DIHYDRO-6-IMINOPYRIDAZIN-1-YI] BUTYRONITRILE HYDRO BROMIDE' ON BEAN APHID, *APHIS CRACCIVORA* KOCH (HOMOPTERA: APHIDIDAE). *Bangladesh Journal of Zoology*, **2022**, 50(2), 261-272. <https://doi.org/10.3329/bjz.v50i2.62058>
7. Debadas Halder, Md Nazrul Islam, M Mufazzal Hossain, Md Ataur Rahman, Rajib Samadder, and **Mohammad Mostafizur Rahman (Corresponding author)**. Synthesis a Clay Based Photocatalyst for the Removal of Eosin Yellow in Aqueous Solution, *International Journal of Material and Mathematical Sciences*, **2022**, 4(4), 83-93. DOI: <https://doi.org/10.34104/ijmms.022.083093>
8. Md. Shahazada Shah, **Mohammad Mostafizur Rahman (Corresponding author)**, Md. Din Islam, Abdullah-Al-Macktuf, Junaid Uddin Ahmed, Hiroshi Nishino, Md. Aminul Haque. Synthesis, antimicrobial and antioxidant evaluation with *in silico* studies of new thiazole Schiff base derivatives,

- Journal of Molecular Structure*, 2022, 1248, 131465 (Impact Factor 3.841). DOI: <https://doi.org/10.1016/j.molstruc.2021.131465>
9. Md. Din Islam, Samiron Kumar, Tahmina Akter Chowdhury, Mahe Zame Sarker, Hiroshi Nishino, Md. Aminul Haque and **Mohammad Mostafizur Rahman (Corresponding author)**. Synthesis, characterization and pharmacokinetic studies of 4-(3-aryl-1,6-dihydro-6-iminopyridazin-1-yl)butanoic acid hydrochlorides, *Journal of Bangladesh Academy of Science*, 2021, 45(1), 37-47. DOI: <https://doi.org/10.3329/jbas.v45i1.54258>
 10. **Mohammad Mostafizur Rahman (Corresponding author)**, Fumiyo Ozoe and Yoshihisa Ozoe. Competitive Antagonism of Housefly γ -Aminobutyric Acid Receptors by Iminopyridazine Butanoic Acids. *Bangladesh Journal of Scientific and Industrial Research*, 2021, 56(1), 9-16. DOI: <https://doi.org/10.3329/bjsir.v56i1.52690>
 11. **Mohammad Mostafizur Rahman**, Md. Din Islam, Zakia Islam, Samiron Kumar, Tahmina Akter Chowdhury, Hiroshi Nishino and Md. Aminul Haque. Synthesis and Characterization of New Iminopyridazine Butyronitrile Hydrobromides. *Journal of Bangladesh Academy of Science*, 2020, 44(2), 131-138. DOI: <https://doi.org/10.3329/jbas.v44i2.51457>
 12. **Mohammad Mostafizur Rahman**, Muhammad Abdullah Al-Mansur, Shanta Easmin, Tahmina Afroz, Md. Shahinul Haque, Md. Mizanur Rahman and Md. Aminul Haque. Chemical and Biological Screening of the Bark Endophytes of *Gynura procumbens*. *Jagannath University Journal of Science*, 2020, 7(1), 9-13.
 13. M. A. Hossain, S. M. A. Hakim Siddiki, M. Elias, **M. M. Rahman**, and M. A. R. Jamil. Highly β -Selective Glycosylation Reactions for the Synthesis of ω -Functionalized Alkyl β -Maltoside as a Co-crystallizing Detergent. *Russian Journal of Organic Chemistry*, 2020, 56(10), 1806-1814 (Impact Factor 0.8). DOI: <https://doi.org/10.1134/S1070428020100231>
 14. M. A. Hossain, Morium, M. Elias, **M. M. Rahman**, M. M. Rahman, M.S. Ali and M. A. Razzak. Multi-phenyl structured aromatic hydrocarbon polymer. *Bangladesh Journal of Scientific and Industrial Research*, 2020, 55(2), 139-146. DOI: <https://doi.org/10.3329/bjsir.v55i2.47634>
 15. Shamsun Naher, Md. Aminul Haque, Md. Shahid Alam, **Mohammad Mostafizur Rahman**, Md Delwar Hossain and Mala Khan. Comparative Studies on Detection and Quantification of Pesticide Residue in Some Vegetables of Bangladesh. *Jagannath University Journal of Science*, 2019,

- 6(I & II), 1-10.
16. Debadas Halder, **Mohammad Mostafizur Rahman**, Abul Khair, Pradip K. Bakshi. Synthesis and Characterization of Salt-like Thiamine Derivatives. *Jagannath University Journal of Science*, **2018**, 5(II), 57-63.
 17. M. E. Halim, K. Akhter, M. Hasan, **M. M. Rahman**, U. K. R. Romman and M. G. Ahmed. Synthesis of potential pharmaceutically active dihydropyrimidine-2-oxo and their 2-thio analogues. *Bangladesh Journal of Scientific and Industrial Research*, **2018**, 53(4), 327-332. DOI: <http://dx.doi.org/10.3329/bjsir.v53i4.39198>
 18. Md. Aminul Haque, Joynal Abedin, Badhan Shaha, Mohammad Moniruzzaman, **Mohammad Mostafizur Rahman** and Shamsun Naher. Assessment of heavy metal impact on soil and vegetable of hatirjheel lake area and study of the physicochemical parameters of lake water. *Journal of Bangladesh Chemical Society*, **2017**, 29(1), 54-61.
 19. S. M. Sohel Rana, Md. Aminul Haque, Md. Jahangir Alam, Din Islam, **Mohammad Mostafizur Rahman**, Mosharof Hossain. Process Optimization for the Production of Biodiesel from Cathchampa seed (*calophyllum inophyllum*) Oil by Transesterification. *Jagannath University Journal of Science*, **2016**, 4(II), 145-152.
 20. Islam R, **Rahman MM**, Mondal MF, Hossain MA, Halder D and Rob MM. Purity analysis of commercially available brands of carbofuran in Gazipur district, Bangladesh. *International Journal of Natural Sciences*, **2016**, 6(2), 62-65.
 21. Mohammad Sayed Alam, Sefat Jebin, **M. Mostafizur Rahman**, Md. Latiful Bari, Dong-Ung Lee. Biological and Quantitative-SAR Evaluations, and Docking Studies of (*E*)-*N*-Benzylidenebenzohydrazide Analogues as Potential Antibacterial Agents. *EXCLI Journal*. **2016**, 15, 350-361 (**Impact Factor 3.8**). DOI: [10.17179/excli2016-388](https://doi.org/10.17179/excli2016-388)
 22. **Mohammad Mostafizur Rahman**, Genyan Liu, Kenjiro Furuta, Fumiyo Ozoe, Yoshihisa Ozoe. Synthesis of 1,3-di- and 1,3,4-trisubstituted 1,6-dihydro-6-iminopyridazines as competitive antagonists of insect GABA receptors. *Journal of Pesticide Science*, **2014**, 39(3), 133-143 (**Impact Factor 2.529**). DOI: <https://doi.org/10.1584/jpestics.D14-052>
 23. **Mohammad Mostafizur Rahman**, Yuki Akiyoshi, Shogo Furutani, Kazuhiko Matsuda, Kenjiro Furuta, Izumi Ikeda, Yoshihisa Ozoe. Competitive antagonism of insect GABA receptors by iminopyridazine derivatives of

- GABA. *Bioorganic and Medicinal Chemistry*, **2012**, *20*, 5957-5964 (**Impact Factor 3.3**). DOI: [10.1016/j.bmc.2012.07.049](https://doi.org/10.1016/j.bmc.2012.07.049)
24. M. Giasuddin Ahmed, U.K.R. Romman, Kawsari Akhter, Abdul Hakim Siddiki, **M. Mostafizur Rahman**. Regioselective Addition to Diarylideneacetones-Synthesis of 2-Oxo-1-Acyl-6-aryl-4[(2-aryl)-vinyl]-Cyclohex-3-ene. *Dhaka University Journal of Science*. **2010**, *58(2)*, 253-255.
25. M. Giasuddin Ahmed, S. Asghari Ahmed, U.K.R. Romman, Kawsari Akhter, **Mohammad Mostafizur Rahman**. Synthesis of Some Thermodynamically Stable Spiroketal: 2,2'-spirobi-(4-aryl-7,7-dimethyl-5-oxo)-5,6,7,8-tetrahydrochromans. *Dhaka University Journal of Science*. **2009**, *57(1)*, 127-128.

Book Chapter

1. Multiple sites of Insecticidal Action in Ionotropic GABA Receptors. Yoshihisa Ozoe, Fumiyo Ozoe, Tomo Kita, **Mohammad Mostafizur Rahman**, Genyan Liu, Kazutoshi Hisano, Madoka Takashima, Yunosuke Nakata. *ACS Symposium Series*, American Chemical Society, Vol. 1204, Chapter 30, **2015**, pp 431-446. ISBN13: 9780841231023 eISBN: 9780841231016. DOI: [10.1021/bk-2015-1204.ch030](https://doi.org/10.1021/bk-2015-1204.ch030)

Papers under Review

1. Md. Din Islam, Joyanta Kumar Saha, Sumita Saznin Marufa, Tanmoy Kumar Kundu, Ismail Hossain, Hiroshi Nishino, Mohammad Sayed Alam, Md. Aminul Haque and **Mohammad Mostafizur Rahman (Corresponding author)**. Synthesis, antibacterial activity, *in silico* ADMET prediction, docking, and molecular dynamics studies of aryl and heteroaryl ring containing thiazole Schiff base derivatives. Under Review in *Plos One* (**Impact Factor 2.9**).
2. Fahmida Akhter, Sumita Saznin Marufa, S M Anyet Ullah Shohag, Hiroshi Nishino, Mohammad Sayed Alam, Md. Aminul Haque and **Mohammad Mostafizur Rahman (Corresponding author)**. Under Review in *Royal Society Open Science* (**Impact Factor 2.9**).

Submitted Papers

1. **Mohammad Mostafizur Rahman**, Md. Aminul Haque, Nargis Akter,

Mohammad Shah Jamal, Mosharof Hossain. Effect of pelletizing pressure on the fuel properties of different biomass pellets. Submitted in *Journal of the Indian Academy of Wood Science* (Impact Factor 0.5). October 2024.

Conference Abstract

1. **Mohammad Mostafizur Rahman**, Farid Uddin Ahmed and Md. Aminul Haque. Novel 5-MethylFuran-Thiazole-Schiff Base Derivatives: synthesis, Biological Activity and In Silico Studies. “BCSIR Congress-2024” Theme-Smart Bangladesh of Tomorrow is the Science of Today 08-10 March, 2024, Bangladesh Council of Science and Industrial Research (BCSIR), Dhaka-1205, Bangladesh, Abstracts, PP-1983
2. **Mohammad Mostafizur Rahman**, Md. Khalilur Rahman and Md. Aminul Haque. Thiazole-Schiff Base Based Three Components One-Pot Synthesis: Biological Activities and computational Studies. “BCSIR Congress-2024” Theme-Smart Bangladesh of Tomorrow is the Science of Today 08-10 March, 2024, Bangladesh Council of Science and Industrial Research (BCSIR), Dhaka-1205, Bangladesh, PP-410
3. Md. Aminul Haque, **Mohammad Mostafizur Rahman** and Mohammad Sayed Alam. Synthesis, Biological Evaluation and *In Silico* Studies of New Phenoxy-Thiazole-Schiff base Derivatives. BCSIR Congress-2024. Theme-Smart Bangladesh of Tomorrow is the Science of Today 08-10 March, 2024, Bangladesh Council of Science and Industrial Research (BCSIR), Dhaka-1205, Bangladesh, Abstracts.
4. Md. Aminul Haque and **Mohammad Mostafizur Rahman** and Md. Abdur Razzak. Synthesis, antimicrobial, antioxidant and computational study of new transition metal complexes of thiazole-Schiff base derivatives. “IChE - CHEMCON 2023.” Theme-Energy Transition: Challenges & Opportunities ,76th Annual Session of Indian Institute of Chemical Engineers 27-30 December, 2023, Indian Institute of Chemical Engineers, Heritage Institute of Technology, Kolkata Abstracts, BBE-OP22
5. Md. Aminul Haque, Tasnim rahman and **Mohammad Mostafizur Rahman**. Novel Fluorene containing Thiazole-Schiff base derivatives: Synthesis, biological activity and Computational Study. 1st

- International Conference on Nano-bio and Advanced materials Engineering (NAME-2023), 07-08 January, **2023**, Department of Chemical Engineering, JUST, Cox's Bazar, Bangladesh, Abstracts, NBM-O-10, Page-42.
6. **Mohammad Mostafizur Rahman**, Samira Jarin Khan and Md. Aminul Haque. Synthesis, Antimicrobial and antioxidant Activity with Molecular Docking Studies of Thiophene-, Benzothiophene-, and Indole-Thiazole Schiff Base Derivatives. 1st International Conference on Nano-bio and Advanced materials Engineering (NAME-2023), 07-08 January, **2023**, Department of Chemical Engineering, JUST, Cox's Bazar, Bangladesh, Abstracts, NBM-O-04, Page-38.
 7. Farid uddin ahmed, Md. Aminul Haque and **Mohammad Mostafizur Rahman**. Synthesis, Biological Activity, Molecular Docking and Dynamic Studies of Methylfuran-Thiazole Derivatives. 1st International Conference on Nano-bio and Advanced materials Engineering (NAME-2023), 07-08 January, **2023**, Department of Chemical Engineering, JUST, Cox's Bazar, Bangladesh, Abstracts, NBM-P-03, Page-47.
 8. Sumita Saznin Marufa, Md. Aminul Haque and **Mohammad Mostafizur Rahman**. Synthesis of novel Carbazole-thiazole derivatives with antimicrobial, antioxidant activity and docking study. 1st International Conference on Nano-bio and Advanced materials Engineering (NAME-2023), 07-08 January, **2023**, Department of Chemical Engineering, JUST, Cox's Bazar, Bangladesh, Abstracts, NBM-P-05, Page-48.
 9. **Mohammad Mostafizur Rahman** and Md. Aminul Haque. Synthesis of Insect GABA Receptors Targeting 3-Substituted Iminopyridazines. Invited Lecture in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, IL-D04.
 10. Md. Aminul Haque and **Mohammad Mostafizur Rahman**. New Transition Metal Complexes of Thiazole-Schiff base Ligands: Synthesis, Antimicrobial, Antioxidant and Computational Study. Invited Lecture in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of

- Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, IL-D02.
11. **Mohammad Mostafizur Rahman**, Khadiza Akter, Md. Aminul Haque, A. H. M. Shofiul Islam Molla Jamal. Synthesis, Antimicrobial Activity and Computational Study of Indole Moiety Containing Thiazole-Schiff Base Derivatives. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, OP-D32.
 12. Md. Aminul Haque, Fahmida Akhter, **Mohammad Mostafizur Rahman**. New Chalcone Derivatives: Synthesis, Antimicrobial, Antioxidant and Computational Study. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, OP-D16.
 13. Md. Aminul Haque, Md Ziaur Rahman Pias, **Mohammad Mostafizur Rahman**. Synthesis OF Pb(II), Cu(II) and Zn(II) Complexes OF Two New Thiazole Schiff Base Ligands AND Study OF their Antimicrobial, Antioxidant AND Docking Study. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, OP-D28.
 14. **Mohammad Mostafizur Rahman**, Sohana Afrin, Md. Aminul Haque. Synthesis, Antimicrobial Activity and Docking Study of Phenoxy-Thiazole-Schiff Base Derivatives. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, PP-08.
 15. **Mohammad Mostafizur Rahman**, Samira Jarin Khan, Md. Aminul Haque. Synthesis, Antimicrobial Activity and Docking Study of Thiophene-Thiazole-Schiff Base Derivatives. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, PP-28.
 16. **Mohammad Mostafizur Rahman**, Atika Mim, Md. Aminul Haque. Highly Antimicrobial Active Drug Like Novel Furan-thiazole-Schiff Base Derivatives:

- Synthesis and Computational Study. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, PP-27.
17. Md. Aminul Haque, Sanjay Datta, Nadia Nabila, **Mohammad Mostafizur Rahman**. Antimicrobial, antioxidant & docking study of Mn(II), Co(II), Pb(II) and Zn(II) complexes of two new thiazole-Schiff base ligands. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, PP-26.
18. Md. Aminul Haque, Rownok Jahan, **Mohammad Mostafizur Rahman**. Nickel complexes of two new thiazole-Schiff Base derivatives: Synthesis, Antimicrobial, Antioxidant Activity and Computational Study. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, PP-07.
19. Md. Aminul Haque, Tasnim Rahman, **Mohammad Mostafizur Rahman**. New Fluorene-Thiazole-Schiff base Derivatives: Synthesis, Antimicrobial, Antioxidant and Computational Study. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), 11-13 March, **2021**, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh, Abstract, PP-04.
20. Md. Aminul Haque, Nabila Akter, **Mohammad Mostafizur Rahman**. Synthesis, antimicrobial activity and docking study of transition metal complexes of new 2-(2-hydrazinyl)thiazole derivatives. International Conferences on Recent Advances in Chemistry, 07-08 February, **2020**, Department of Chemistry, Jagannath University, Dhaka-1100, Bangladesh, Abstracts, PP-B-11.
21. Md. Aminul Haque, Fahmida Akter, **Mohammad Mostafizur Rahman**. Synthesis, antimicrobial activity and computational study of some new heterocycles from chalcone derivatives containing pyridine ring. International Conferences on Recent Advances in Chemistry, 07-08 February, **2020**, Department of Chemistry, Jagannath University, Dhaka-1100, Bangladesh, Abstracts, PP-B-12.

22. Md. Aminul Haque, Md. Ziaur Rahman Pias, **Mohammad Mostafizur Rahman**. Synthesis, characterization, antimicrobial activity and docking study of noble Schiff bases and their metal complexes containing thiazole. International Conferences on Recent Advances in Chemistry, 07-08 February, **2020**, Department of Chemistry, Jagannath University, Dhaka-1100, Bangladesh, Abstracts, PP-B-13.
23. Md. Aminul Haque, Md. Abdur Razzak, **Mohammad Mostafizur Rahman**. Synthesis, antimicrobial and computational study of transition metal complexes of noble Schiff base-thiazole derivatives. International Conferences on Recent Advances in Chemistry, 07-08 February, **2020**, Department of Chemistry, Jagannath University, Dhaka-1100, Bangladesh, Abstracts, PP-B-14.
24. Md. Aminul Haque, Tanmoy Kumar Kundu, **Mohammad Mostafizur Rahman**. Synthesis of novel thiazole-Schiff base derivatives containing furan moiety and study of their antimicrobial and antioxidant activity. International Conferences on Recent Advances in Chemistry, 07-08 February, **2020**, Department of Chemistry, Jagannath University, Dhaka-1100, Bangladesh, Abstracts, PP-B-15.
25. **Mohammad Mostafizur Rahman**, Khadiza Akter, Md. Aminul Haque. Synthesis of novel thiazole-Schiff base derivatives containing indole moiety and study of their antimicrobial and antioxidant activity. International Conferences on Recent Advances in Chemistry, 07-08 February, **2020**, Department of Chemistry, Jagannath University, Dhaka-1100, Bangladesh, Abstracts, PP-B-16.
26. Md. Aminul Haque, Ismail Mamun, **Mohammad Mostafizur Rahman**. Synthesis of some new thiazole derivatives and study of their antimicrobial activity. International Conferences on Recent Advances in Chemistry, 07-08 February, **2020**, Department of Chemistry, Jagannath University, Dhaka-1100, Bangladesh, Abstracts, PP-B-17.
27. Md. Aminul Haque, Md. A.B. Siddique, **Mohammad Mostafizur Rahman**. Synthesis, characterization and antimicrobial activity study of noble Schiff bases and their metal complexes containing thiazole moiety. International Conferences on Recent Advances in Chemistry, 07-08 February, **2020**, Department of Chemistry, Jagannath University, Dhaka-1100, Bangladesh, Abstracts, PP-B-18.
28. Md. Aminul Haque, Rowanok Jahan, **Mohammad Mostafizur Rahman**. Synthesis, antimicrobial, antioxidant activity and computational study of

- transition metal complexes of new thiazole-Schiff base derivatives. International Conferences on Recent Advances in Chemistry, 07-08 February, **2020**, Department of Chemistry, Jagannath University, Dhaka-1100, Bangladesh, Abstracts, PP-B-26.
29. Md. Shahazada Shah, Abdullah-al-macktuf, Junaid Uddin Ahmed, **Mohammad Mostafizur Rahman** and Md. Aminul Haque. Synthesis of thiazole schiff base derivatives and study of their antimicrobial study. International Conference on Chemical Science & Technology, 24-25 February, **2018**, Department of chemistry, Khulna University of Engineering & Technology, Khulna-9203, Bangladesh, Abstracts, PP 02.
30. **Mohammad Mostafizur Rahman**, Samiron Kumar, Md. Din Islam and Md. Aminul Haque. Synthesis of gabazine based iminopyridazine butanoic acid derivatives. International Conference on Chemical Science & Technology, 24-25 February, **2018**, Department of chemistry, Khulna University of Engineering & Technology, Khulna-9203, Bangladesh, Abstracts, PP 23.
31. Md. Aminul Haque, Ismail Mamun, Muhammad Abdullah Al-Mansur, and **Mohammad Mostafizur Rahman**. Synthesis of some new thiazole derivatives. International Conference on Chemical Science & Technology, 24-25 February, **2018**, Department of chemistry, Khulna University of Engineering & Technology, Khulna-9203, Bangladesh, Abstracts, PP 72.
32. Md. Aminul Haque, Md. Abdur Razzak, Md. Shahazada Shah, and **Mohammad Mostafizur Rahman**. Synthesis and characterization of Co(II), Cu(II), Ni(II) and Zn(II) complexes of 2-hydroxy-2-(5-acetyl-4-methyl-2-thiazolyl) hydrazone benzaldehyde. International Conference on Chemical Science & Technology, 24-25 February, **2018**, Department of chemistry, Khulna University of Engineering & Technology, Khulna-9203, Bangladesh, Abstracts, PP 74.
33. Md. Aminul Haque, Md. A. B. Siddique, Md. Shahazada Shah, and **Mohammad Mostafizur Rahman**. Synthesis of cobalt(II), copper (II), nickel(II) and Zinc(II) complexes of one novel Schiff base thiazole ligand. International Conference on Chemical Science & Technology, 24-25 February, **2018**, Department of chemistry, Khulna University of Engineering & Technology, Khulna-9203, Bangladesh, Abstracts, PP 75.
34. Monirul Islam, Md. Aminul Haque, Junaid Uddin Ahmed, **Mohammad Mostafizur Rahman** and Shamim Ahmed. Isolation of bioactive compounds from the leaf of *Piper chaba* antimicrobial activities of crude extracts.

- International Conference on Chemical Science & Technology, 24-25 February, 2018, Department of chemistry, Khulna University of Engineering & Technology, Khulna-9203, Bangladesh, Abstracts, PP 90.
35. Fahmida Sultana, Tasnuva Tanzir, Md. Aminul Haque, **Mohammad Mostafizur Rahman**, Shamim Ahmed. Antimicrobial activity study of the fungal extracts of *piper chaba* and *swertia chirata*. 38 Annual conference-216, Bangladesh Chemical Society, 31 March, 2017, Port auditorium, Chittagong.
 36. Razia Sultana, Tahera Khanom, Monirul Islam, Md. Aminul Haque, **Mohammad Mostafizur Rahman**, Shamim Ahmed, Junaid Uddin Ahmed. Isolation of secondary metabolites from endophytic fungi of *calotropis gigantean* & *psidium guajava* and antimicrobial activity study of the fungi extracts. 38 Annual conference-216, Bangladesh Chemical Society, 31 March, 2017, Port auditorium, Chittagong.
 37. Somiron Kumar, Din Islam, Md. Aminul Haque, **Mohammad Mostafizur Rahman**. Synthesis of gabazine based 3-substituted iminopyridazine butanoic acids. 38 Annual conference-216, Bangladesh Chemical Society, 31 March, 2017, Port auditorium, Chittagong.
 38. Tahmina Akter Chowdhury, Zakia Islam, Md. Aminul Haque, **Mohammad Mostafizur Rahman**. Synthesis of gabazine based 3-substituted iminopyridazinebutyronitriles. 38 Annual conference-216, Bangladesh Chemical Society, 31 March, 2017, Port auditorium, Chittagong.
 39. Md. Din Islam, Md. Aminul Haque, **Mohammad Mostafizur Rahman**. Synthesis of 3-substituted 4-(1,6-dihydro-6-iminopyridazin-1-yl)butanoic acids. 38 Annual conference-216, Bangladesh Chemical Society, 31 March, 2017, Port auditorium, Chittagong.
 40. Monirul Islam, Md. Aminul Haque, **Mohammad Mostafizur Rahman**, Juaid Uddin Ahmed, Shamim Ahmed. Antimicrobial activity of the leaf extracts of *piper chaba* (Chuijal). 1st Symposium on Chemistry for Global Solidarity. 14 October, 2016, Jagannath University, Dhaka, Bangladesh.
 41. Tahera Khanom, Shahnaj Akhter, Monirul Islam, Md. Aminul Haque, **Mohammad Mostafizur Rahman**, Shamim Ahmed, Nasim Sultana. Isolation of secondary metabolites from the leaf endophytes of *terminalia arjuna* & *calotropis gigantea* and antimicrobial activity study of the fungi extracts. 1st Symposium on Chemistry for Global Solidarity. 14 October, 2016, Jagannath University, Dhaka, Bangladesh.
 42. Razia Sultana, Mahbuba Khatun, Monirul Islam, Md. Aminul Haque,

- Mohammad Mostafizur Rahman.** Study of the endophytic fungi of *ocinum sanctum* and *psidium guajava* for the isolation of bioactive compounds and biological activity screening. 1st Symposium on Chemistry for Global Solidarity. 14 October, 2016, Jagannath University, Dhaka, Bangladesh.
43. Syed Hiszbulah, Mosharof Hossain, Md. Aminul Haque, **Mohammad Mostafizur Rahman.** Microbial fuel cell: a renewable and green technology for power generation. 1st Symposium on Chemistry for Global Solidarity. 14 October, 2016, Jagannath University, Dhaka, Bangladesh.
44. Md. Din Islam, Zakia Islam, **Mohammad Mostafizur Rahman,** Md. Aminul Haque. Synthesis of 3-substituted 4-(1,6-dihydro-6-iminopyridazin-1-yl)butanoic acids. 1st Symposium on Chemistry for Global Solidarity. 14 October, 2016, Jagannath University, Dhaka, Bangladesh.
45. **Mohammad Mostafizur Rahman,** Zakia Islam, Fumiyo Ozoe, Yoshihisa Ozoe. Competitive antagonism of 3-substituted iminopyridazines in housefly GABA receptors. *16th Asian Chemical Congress 2016.* March 16-19, 2016, Dhaka, Bangladesh.
46. **Mohammad Mostafizur Rahman,** Kenjiro Furuta, Fumiyo Ozoe, Yoshihisa Ozoe. Synthesis of iminopyridazines and their potencies as competitive antagonists in insect GABA receptors (Poster Presentation). *13th IUPAC International Congress of Pesticide Chemistry. August 10-14, 2014,* San-Francisco, California, USA.
47. **Mohammad Mostafizur Rahman,** Kazuki Nomura, Madoka Takashima, Kenjiro Furuta, Fumiyo Ozoe, Yoshihisa Ozoe. Synthesis of 1,3,4-trisubstituted iminopyridazines and their antagonistic activity against insect GABA receptors. *The 39th Annual Meeting of the Pesticide Science Society of Japan, March, 2014.* Kyoto, Japan.
48. **Mohammad Mostafizur Rahman,** Yuki Akiyoshi, Shogo Furutani, Kazuhiko Matsuda, Kenjiro Furuta, Yoshihisa Ozoe. Synthesis of 4-(6-imino-3-aryl/heteroarylpyridazin-1-yl)butanoic acids and their antagonist activity toward insect GABA receptors. *The 37th Annual Meeting of the Pesticide Science Society of Japan, March, 2012.* Okayama, Japan.
49. Yuki Akiyoshi, **Mohammad Mostafizur Rahman,** Shogo Furutani, Kazuhiko Matsuda, Kenjiro Furuta, Yoshihisa Ozoe. Patch-clamp analysis of Ligand-gated anion channel expressed in American cockroach neurons. *The*

Annual Meeting of the Japan Society for Bioscience, Biotechnology, and Agrochemistry, September, 2011. Miyazaki, Japan.

50. **Mohammad Mostafizur Rahman**, Yuki Akiyoshi, Shogo Furutani, Kazuhiko Matsuda, Kenjiro Furuta, Yoshihisa Ozoe. Synthesis of gabazine analogues and their antagonist activity against insect GABA receptors. *Submitted Abstract to the 36th Annual Meeting of the Pesticide Science Society of Japan, March, 2011. Tokyo, Japan.*

Reviewer:

1. Journal of the Bangladesh Chemical Society (JBSCS).
2. Bangladesh Journal of Scientific and Industrial Research (BJSIR).
3. The Dhaka University Journal of Science (DUJS).

Awards

1. **Japanese government scholarship** (Monbukagakusho: MEXT) for PhD research in the United Graduate School of Agricultural Sciences, Tottori University, Japan from October, 2011 to September, 2014.
2. **Japanese government scholarship** (Monbukagakusho: MEXT) for Master's degree in Shimane University from October, 2009 to September, 2011.
3. Received \$800 of the IUPAC 2014 Conference Student Travel Education Award by the American Chemical Society (ACS) AGRO division to participate 13th IUPAC International Congress of Pesticide Chemistry, August 10-14, San Francisco, California, USA for poster presentation.
4. **Asha Lata Sen Memorial Gold Medal**, for securing the highest marks in Chemistry in MS examination-2001 among the Faculty of Science, Biological Science, and Pharmacy, University of Dhaka, Bangladesh.
5. **Professor Ali Nawab Memorial Gold Medal**, for the first position in Chemistry in MS examination-2001, University of Dhaka, Bangladesh.
6. **Dr. Maleka-Al Razi Memorial Gold Medal**, for securing the highest marks in Organic Chemistry (Thesis) in MS examination-2001, University of Dhaka, Bangladesh.
7. **Dr. Muhammad Quadrat-i-Khuda Scholarship** (1996-97) for B.Sc (Honors) program, Department of Chemistry, University of Dhaka, Bangladesh.
8. Board Scholarship based on H.S.C results, Dhaka Education Board, Bangladesh.

9. Board Scholarship based on S.S.C results, Dhaka Education Board, Bangladesh.
10. Junior School Scholarship.

Training Attended

Attended a 21-day long certificate course on “Teaching Skill Development” conducted by ‘University and Industry Alliance’, University of Dhaka (A project of Jagannath University, Dhaka), June-July 2008.

Country Visited

Japan, United States of America, Saudi Arabia and India.

Professional Affiliation

1. Member of American Chemical Society (ACS) (ID #: 30749466).
2. Member of Pesticide Science Society of Japan (PSSJ) (ID #: 200538).
3. Life member of Bangladesh Chemical Society (BCS) (ID #: LM1288).
4. Life member of Dhaka University Chemistry Alumni Association (DUCAA) ((ID #: LM84)).

Research Funding

Project Title: Synthesis, antimicrobial and antioxidant activities of

2-[2-(arylmethylidene)hydrazin-1-yl]-4-(pyridine-3-yl)-1,3-thiazoles with molecular docking studies

Source of Funding: Jagannath University Research Fund

Grant Amount: Tk. 1,32,750; **Period:** 2023-2024

Role: Principal Investigator

Project Title: Synthesis, antimicrobial and antioxidant activities of

2-{3-[3-arylmethylidene]hydrazin-1-yl}-4-aryl-1,3-thiazoles with molecular docking studies

Source of Funding: Jagannath University Research Fund

Grant Amount: Tk. 1,35,000; **Period:** 2022-2023

Role: Principal Investigator

Project Title: Synthesis, antimicrobial and antioxidant activities of
2-{3-[3-(5-methylthiophene)methylidene]hydrazin-1-yl}-4-aryl-1,3-t
hiazoles with molecular docking studies

Source of Funding: Jagannath University Research Fund

Grant Amount: Tk. 1,23,000; **Period:** 2021-2022

Role: Principal Investigator

Project Title: Synthesis, antimicrobial and antioxidant activities of
thiophene-thiazole-Schiff base hybrids with molecular docking
studies

Source of Funding: Ministry of Science and Technology (MOST)

Grant Amount: Tk. 3,00,000; **Period:** 2021-2022

Role: Principal Investigator; Co-PI: Dr. Nafees Ahmed

Project Title: Synthesis, antimicrobial activities and computational studies of
2-hydroxy-3,5-dibromophenyl group containing thiazole-schiff bases

Source of Funding: Jagannath University Research Fund

Grant Amount: Tk. 1,40,000; **Period:** 2020-2021

Role: Principal Investigator

Project Title: Synthesis, Antimicrobial Activity and Docking Study of Transition
Metal Complexes of Novel
3-Nitro-2-(5-acetyl-4-methyl-2-thiazolyl)hydrazone Acetophenone
Ligand

Source of Funding: University Grants Commission (UGC)

Grant Amount: Tk. 3,00,000; **Period:** 2019-2020

Role: Principal Investigator

Project Title: Synthesis, Antimicrobial Activity and Docking Study of Transition metal
complexes of New 2-(2-hydrazinyl) thiazole derivatives

Source of Funding: Jagannath University Research Fund

Grant Amount: Tk. 80,000; **Period:** 2019-2020

Role: Principal Investigator

Project Title: Synthesis of gabazine based 1,6-dihydro-6-iminopyridazines and their
insecticidal activities against insect GABA receptors

Source of Funding: Ministry of Education

Grant Amount: Tk. 16,00,000; **Period:** 2017-2018

Role: Principal Investigator; Co-PI: Dr. Md. Aminul Haque

Project Title: Synthesis of GABA receptor insecticidal iminopyridazinphosphonate and phosphonic acid competitive antagonists

Source of Funding: Ministry of Science and Technology (MOST)

Grant Amount: Tk. 3,00,000; **Period:** 2017-2018

Role: Principal Investigator; Co-PI: Dr. Md. Aminul Haque

Project Title: Synthesis of some antimicrobial

1-benzylidene-2-(4-methylthiazol-2-yl)hydrazine Schiff bases

Source of Funding: Jagannath University Research Fund

Grant Amount: Tk. 1,00,000; **Period:** 2017-2018

Role: Principal Investigator

Project Title: Synthesis of Gabazine based 3-substituted iminopyridazines as competitive antagonists for insect GABA receptors

Source of Funding: Jagannath University Research Fund

Grant Amount: Tk. 1,00,000; **Period:** 2016-2017

Role: Principal Investigator

Project Title: Synthesis and insecticidal activities of iminopyridazines as competitive antagonists of insect GABA receptors

Source of Funding: Ministry of Science and Technology (MOST)

Grant Amount: Tk. 60,000; **Period:** 2015-2016

Role: Principal Investigator

Project Title: Synthesis of 1,6-dihydro-6-iminopyridazines as competitive antagonists for insect GABA receptors

Source of Funding: Jagannath University Research Fund

Grant Amount: Tk. 60,000; **Period:** 2014-2015

Role: Principal Investigator

Thesis Supervision

MPhil Thesis: Supervisor

1. Md. Farid Uddin Ahmed

2022-Present

Major Research Area-Organic Synthesis

2. Md. Khalilur Rahman

2022-Present

Major Research Area-Organic Synthesis

PhD: Co-supervisor

1. Md. Mizanur Rahman

January 2022-Present

Major Research Area-Organic Synthesis

2. Rownok Jahan

May 2024-Present

Major Research Area-Organic Synthesis

MPhil Thesis: Co-supervisor

1. Rownok Jahan

2020-2023

Major Research Area-Organic Synthesis (Completed)

M.Sc Thesis: Supervisor

1. Morium Akter Mim (13th batch)

2023-Present

Major Research Area-Organic Synthesis

2. Rakib Hossen (11th Batch)

2022-23

Major Research Area-Organic Synthesis

3. Tasnim Rahman (10th Batch)

2021-22

Major Research Area-Organic Synthesis

4. Samira Jarin Khan (10th batch)

2021-2022

Major Research Area-Organic Synthesis

5. Atika Mim (10th batch)

2021-2022

Major Research Area-Organic Synthesis

- 6. Fahmida Eva (9th batch)**
2020-2021
Major Research Area-Organic Synthesis
- 7. Khadiza Meheli (9th batch)**
2020-2021
Major Research Area-Organic Synthesis
- 8. Md. Rafiqul Islam (8th batch)**
2019-2020
Major Research Area-Organic Synthesis
- 9. A. B. Siddique (8th batch)**
2019-2020
Major Research Area-Organic Synthesis
- 10. Pabitra Kumar Ghosh (7th batch)**
2018-2019
Major Research Area- Synthesis
- 11. Md. Fajlur Rahman (7th batch)**
2018-2019
Major Research Area- Analytical Chemistry
- 12. Tahmina Chowdhury (6th batch)**
2017-2018
Major Research Area- Organic Synthesis
- 13. Tasnuva Tanjir (6th batch)**
2017-2018
Major Research Area- Natural Product Chemistry
- 14. Zakia Islam (5th batch)**
2016-2017
Major Research Area- Organic Synthesis
- 15. Razia Sultana Popy (5th batch)**
2016-2017
Major Research Area- Natural Product Chemistry
- 16. Sayed Hizbullah (5th batch)**
2016-2017
Major Research Area- Analytical Chemistry

M.Sc Thesis: Co-supervisor

- 1. Joya Rani Debnath (13th Batch)**

- 2023-Present
Major Research Area-Organic Synthesis
- 2. Sumita Saznin Marofa (11th Batch)**
2022-2023
Major Research Area-Organic Synthesis
- 3. Sohana Afrin (10th Batch)**
2021-2022
Major Research Area-Organic Synthesis
- 4. Sanjay Datta (10th Batch)**
2021-2022
Major Research Area-Organic Synthesis
- 5. Ziaur Rahman Pias (9th Batch)**
2020-2021
Major Research Area-Organic Synthesis
- 6. Nabila Akter (9th Batch)**
2020-2021
Major Research Area-Organic Synthesis
- 7. Md. Abdur Razzak (8th Batch)**
2019-2020
Major Research Area-Organic Synthesis
- 8. Md. Ismail Mamun (8th Batch)**
2019-2020
Major Research Area-Organic Synthesis
- 9. Tonmoy Kundu (8th Batch)**
2019-2020
Major Research Area-Organic Synthesis
- 10. Shahajada Shah (7th Batch)**
2018-2019
Major Research Area-Organic Synthesis
- 11. Md. Safiqul Jony (7th Batch)**
2018-2019
Major Research Area-Chitosan Synthesis
- 12. Mithun Shanta (7th Batch)**
2018-2019
Major Research Area- Natural Product Chemistry
- 13. Fahmida Sultana (6th Batch)**

2017-2018

Major Research Area-Natural Product Chemistry

14.Md. Monirul Islam (6th Batch)

2017-2018

Major Research Area- Natural Product Chemistry

15.Samiron Ghosh (6th Batch)

2017-2018

Major Research Area- Natural Product Chemistry

16.Md. Din Islam (5th Batch)

2016-2017

Major Research Area- Organic Synthesis

17.Tahera Khanam (5th Batch)

2016-2017

Major Research Area- Natural Product Chemistry

18.Mahe Zami Sarker (5th Batch)

2016-2017

Major Research Area- Organic Pollutants

Courses Taught

Courses Taught at Jagannath University:

M.Phil

CHE-6123: Spectroscopic Methods in Organic Chemistry

M.Sc

CHE-5151: Environmental Chemistry

CHE-5221: Advanced Spectroscopy in Chemistry

CHEL-5230: Organic Chemistry Lab

B.Sc

CHE -1121: Fundamentals of Organic Chemistry-I

CHE-1221: Fundamentals of Organic Chemistry-II

CHE-2121: Chemistry of Organic Compounds

CHE-2221: Stereochemistry of Organic Compounds

CHEL-2220: Systematic Qualitative Identification of Organic Compounds

CHE-3121: Organic Reaction Mechanism

CHE-3122: Biochemistry

CHEL-3120: Laboratory Synthesis of Organic Compounds

CHE-3221: Natural Product Chemistry

CHE-3222: Medicinal Chemistry

CHE-4151: Chemical Spectroscopy-II

CHEL-4120: Separation and Quantitative Estimation of Organic Compounds

CHE-4221: Bioorganic Chemistry

CHEL-4220: Chemical Process Industries Lab-II (Organic)

Courses Taught at Sirajganj Government College:

Courses of B.Sc (Honors) and M.Sc level prepared by National University, Bangladesh.

Name of Referees

1. Dr. Yoshihisa Ozoe, Professor, Department of Life Science and Biotechnology, Shimane University, Matsue, Shimane 690-8504, Japan.

E-mail: ozoe-y@life.shimane-u.ac.jp

2. Dr. Md. Giasuddin Ahmed, Professor (retired), Department of Chemistry, University of Dhaka, Dhaka-1000, Bangladesh. Email: mgahmed1@gmail.com



25 October 2024

(Prof. Dr. Mohammad Mostafizur Rahman)