

Profile of Academic Auditor

1. Name: Mohammad Sayadur Rahaman, PhD

Key Qualification:

Teaching & Research and Quality Assurance Expert in HEIs

Professor (Grade-1 from 01-07-2022)

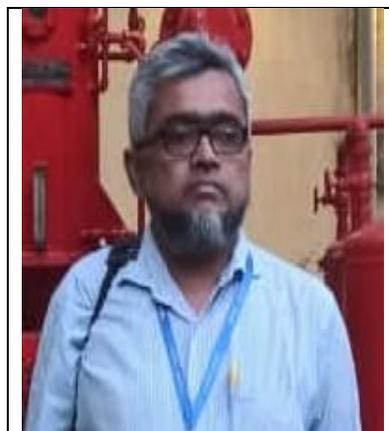
Department of Chemistry, Comilla University

Academic Auditor and Resource Person

Bangladesh Accreditation Council

Affiliate Member

International Network for Quality Assurance Agencies in Higher Education (INQAAHE)



Mohammad Sayadur Rahaman

2. Employment Record:

Designation	Name of the Organization	Duration
Professor	Department of Chemistry, Faculty of Science, Comilla University	From 25/10/2013 to date
Associate Professor	Department of Chemistry, Faculty of Science, Comilla University	From 01 February 2011 to 24 October 2013
Associate Professor	Chemistry Discipline, School of Science, Engineering & Technology, Khulna University	From 01 July 2009 to 31 January 2011
Associate Professor	Fisheries and Marine Resource Technology Discipline, Life Science School, Khulna University, Khulna	From 26 September 2008 to 30 June 2009
Assistant Professor	Fisheries and Marine Resource Technology Discipline, Life Science School, Khulna University	From 26 September 2004 to 25 September 2008
Lecturer	Fisheries and Marine Resource Technology Discipline, Life Science School, Khulna University	From 26 September 2001 to 25 September 2004

3. Academic Credentials

Degree	Subject	Name & Address of the Institution	Year Passing
Doctor of Philosophy	Ph.D in <i>Chemistry</i>	Department of Chemistry, Jahangirnagar University, Savar, Dhaka.	2011
Master of Philosophy	M. Phil. in <i>Chemistry</i>	Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka	2006

Master of Science (Thesis)	M. Sc. (Thesis) in <i>Chemistry</i>	Department of Chemistry, Jahangirnagar University, Savar, Dhaka.	1995
Bachelor of Science (Honours)	B. Sc. (Hons.) in <i>Chemistry</i>	Department of Chemistry, Jahangirnagar University, Savar, Dhaka.	1994
Higher Secondary Certificate (HSC)	<i>Science</i>	Comilla Victoria Govt. College, Comilla	1991
Secondary School Certificate (SSC)	<i>Science</i>	Comilla Zilla School, Comilla	1989

4. Training/workshop on Quality Assurance attended as participant

QA Areas	Organized by	Year & Duration
<i>External Quality Assessment for BAC accreditation</i>	Bangladesh Accreditation Council	26 November to 27 November 2023
<i>“BNQF, Accreditation Rules & Standards”, Dhaka,</i>	Bangladesh Accreditation Council”	06 October 2021
<i>‘Curriculum Development’,</i>	Bangladesh Accreditation Council,	1-2 March 2020
<i>External Peer Reviewers Workshop</i>	University Grants Commission (UGC), Bangladesh, Dhaka	24 October 2016.
<i>Training & Workshop on Project Information System (PIMS)</i>	University Grants Commission (UGC), Bangladesh, Dhaka.	28 th July 2016
<i>Quality Assurance in Higher Education Training Program in Malaysia</i>	Edu Leads Consulting, Hilto Petaling Jaya, Malaysia	28 March – 8 April 2016
<i>“Teaching-Learning, Curriculum & Quality Assurance”,</i>	Graduate Training Institute, Bangladesh Agricultural University Mymensingh, Bangladesh	13 to 17 March 2016

5. Training/Workshop on Quality Assurance Coordinated/Organized as Resource Person

<i>QA Areas</i>	Organized by	Year & Duration
<i>“Outcome Based Education (OBE) Curriculum Improvement & Evaluation”</i>	Institutional Quality Assurance Cell (IQAC), Jashore University of Science & Technology, Jashore-7408	08 September 2024
<i>OBE: Teaching-Learning & Assessment Mapping</i>	Bangladesh Accreditation Council	12 May (02 Hours) & 13 (04 Hours Session) May 2024
<i>Implementation of OBE Model in BSMRAU</i>	Institutional Quality Assurance Cell (IQAC), Bangabandu Sheikh Mujibur Rahman Agricultural University	27-29 February 2024
<i>Pedagogical Challenges</i>	Jagannath University	17-18 January 2024
<i>Implementation of OBE Curriculum: Teaching Learning and Assessment</i>	Bangladesh University of Textile (BUTEX)	07 December 2023
<i>Professional Training on Capacity Building of IQACs</i>	Bangladesh Accreditation Council	12 November to 13 November 2023
<i>Outcome Based Curriculum Design and Process</i>	Department of Geography and Environment, Jagannath University, Dhaka	03 November 2023
<i>Outcome-Based Curriculum design Processes</i>	Bangladesh Accreditation Council	20 June 2023
<i>Teaching-Learning Strategies and Assessment Methods</i>	Institute of Leather Engineering and Technology, University of Dhaka	19 June 2023
<i>“Continuous Professional Development (CPD)”</i>	Institutional Quality Assurance Cell (IQAC), Jagannath University, Dhaka	7-8 June 2023
<i>Outcome Based Education (OBE) Curriculum</i>	Department of Chemistry, Dhaka University	02 May 2023
<i>Professional Training on Capacity Building of IQACs</i>	Bangladesh Accreditation Council	08 March 2023
<i>Outcome-Based Curriculum design Processes</i>	Bangladesh Accreditation Council	15 February 2023
<i>Teaching-Learning</i>	Institute of Leather	14 February 2023

<i>Strategies and Assessment Methods</i>	Engineering and Technology, University of Dhaka	
<i>Outcome-Based Curriculum design Processes</i>	Bangladesh Accreditation Council	08 February 2023
<i>Outcome-Based Curriculum Development</i>	Institute of Leather Engineering and Technology, University of Dhaka	07 February 2023
<i>Outcome Based Education (OBE) Curriculum Development</i>	Institutional Quality Assurance Cell (IQAC), Comilla University	27 September 2022
<i>OBE Curriculum of Environmental Science Discipline</i>	Environmental Science Discipline, Khulna University	27 June 2022
<i>'Orientation to Curriculum Template'</i>	Institutional Quality Assurance Cell (IQAC), Khulna University	22 February 2022
<i>OBE Curriculum Development</i>	Institutional Quality Assurance Cell (IQAC), Ranada Prasad Shaha University, Narangang, Dhaka	20-21 December, 2021
<i>Concept and Development of OBE and OBE Curriculum" and "Implementation and Assessment of OBE Curriculum"</i>	Strategic Planning & Quality Assurance Division, University Grants Commission of Bangladesh (UGC)	10-11 November, 2021
<i>Outcome Based Education: New Dimension of Curriculum Design and Development</i>	IQAC of CCN University of Science & Technology, Cumilla	13-14 August 2020
<i>Orientation on Quality Assurance Activities at Barishal University</i>	Organized by IQAC, Barishal University, Barishal	15 May 2019
<i>'Curriculum Development, Tertiary Pedagogy and Research and Project Proposal' under IQAC Post Self-Assessment Improvement Plan (PSAIP)</i>	Department of Industrial and Production Engineering, Jessore University of Science and Technology, Jessore Date:	04-06 February 2019
<i>Stakeholders' QA (Student, teaching staffs, Non-</i>	IQAC, Mawlana Bhashani Science and Technology	10 December 2018

<i>teaching staff, parents, community leaders, Alumni)</i>	University, Tangail.	
<i>The role and Responsibility and Ethical Principles of University Teachers' and Post Self-Assessment Improvement Plan'</i>	IQAC, Comilla University, Cumilla	05 September 2018
<i>Data Management and Report Writing of Self-Assessment Exercise</i>	IQAC, Comilla University, Cumilla	15 May 2018
<i>Curriculum Design</i>	Organized by IQAC, Jatiya Kabi kazi Nazrul Islam University, Trisal, Mymensing	16 August 2017.
<i>Self-Assessment Process</i>	Organized by IQAC, Jatiya Kabi kazi Nazrul Islam University, Trisal, Mymensing	15 February 2017

6. Experience in External quality assessment/External Peer Review of academic program

Program Self-Assessment Report Validation	
External Peer Reviewer as QA Expert	Institutional Self-Assessment: Comilla Victoria Govt. College, Cumilla, Date: 05-07 November 2023
External Peer Reviewer as QA Expert	Institutional Self-Assessment: Chandina Redwan Ahmed College, Cumilla, Date: 14-16 November 2023
External Peer Reviewer as QA Expert	Department of English, University of Barishal, Barishal, Date: 17 to 19 June 2023
External Peer Reviewer as QA Expert	Department of Sociology, University of Barishal, Barishal, Date: 11 to 13 June 2023
External Peer Reviewer as QA Expert	Department of Applied Physics Electronics and Communication Engineering(APECE), University of Chittagong, Chittagong, Date: 15 to 17 April 2017
External Peer Reviewer as QA	Department of Biotechnology and Genetic Engineering (BGE),

Expert	University of Chittagong, Chittagong, Date: 7- 9 November 2017
External Peer Reviewer as QA Expert	Department of Marketing, University of Chittagong, Chittagong, Date: 11 to 13 November 2017
External Peer Reviewer as QA Expert	Institution of Information Technology (IIT), Jahangirnagar University, Savar, Dhaka, Date: 11 to 13 February 2018
External Peer Reviewer as QA Expert	Department of Biotechnology and Genetic Engineering (BGE) Jahangirnagar University, Savar, Dhaka; Date: 14 to 16 February 2018
External Peer Reviewer as QA Expert	Department of Economics, Premier University, Chittagong Date: 4 to 6 May 2018
External Peer Reviewer as QA Expert	Department of Management, University of Rajshahi, Rajshahi Date: 10 to 12 March 2018
External Peer Reviewer as QA Expert	Department of English, South East University, Dhaka Date: 15 to 17 April 2018
External Peer Reviewer as QA Expert	Department of EEE, South East University, Dhaka Date: 18 to 20 April 2018
External Peer Reviewer as QA Expert	Sculpture Discipline, Khulna University, Khulna Date: 5 to 7 May 2018
External Peer Reviewer as QA Expert	Department of Textile Engineering, Mawlana Bhasani Science and Technology University, Tangail, Date: 25 to 27 July 2018
External Peer Reviewer as QA Expert	Department of Computer Science and Engineering, Jessore University of Science and Technology, Jessore Date: 25 to 27 July 2018
External Peer Reviewer as QA Expert	Department of Public Administration and Government Studies, Jatiya Kabi kazi Nazrul Islam University, Trisal, Mymensing; Date: 12 to 14 August 2018
External Peer Reviewer as QA Expert	Department of Bangla, South East University, Dhaka Date: 19 to 21 September 2018

7. Other experience as QA professional

- INQAAHE Talk attended as invited participant on “*International Standards and Guidelines for Quality Assurance in Tertiary Education (ISGs): A Global Perspective and Benefits*”, 24 January 2023.
- INQAAHE Talk attended as invited participant on “*Towards diversification, relevance, transformation, and recognition*, 30 November 2022.
- Attended as Delegates in “*APQN Academic Conference(AAC)*” held by Asia-Pacific Quality Network (APQN) and Eduvalue on 25th and 26th November, 2022, Singapore
- Symposium attended as invited participant on “*International OBE Symposium 2021*”, Organized by IQAC, Ahsan Ullah University of Science and Technology, Dhaka
- Workshop on “*Measurement of Learning Outcomes Achievement-Collegiate Learning Assessment (CLA+)*”, under ‘Re-Imagining Higher Education Quality in An Age of Uncertainty’, 2021 INQAAHE Biennial Conference, Hosted by Global Network for Quality Assurance Agencies in Higher Education (QAA, UK), Organized by International Network for Quality Assurance Agencies in Higher Education (INQAAHE), 3rd June 2021
- Attended at workshop as Delegate on ‘*National Quality Assurance Framework: Establishment and Operationalization*’, Hosted by UGC of Sri Lanka, International Network for Quality Assurance Agencies in Higher Education (INQAAHE), 25-28 March, 2019, Sri Lanka
- Attended at workshop as Delegate on ‘*Qualification and Recognition: Quality Assurance as a tool to promote recognition of HE Outcomes*’, Hosted by UGC, of Sri Lanka, International Network for Quality Assurance Agencies in Higher Education (INQAAHE), 25-28 March, 2019, Sri Lanka

8. Administrative Experience

Administrative Experience	
Position	Department/Faculty/Area
Dean	Faculty of Science, Comilla University (Duration: 20 February 2014 to 19 February 2016)
Chairman	Department of Chemistry, Comilla University, Comilla-3506 (Duration: 27 February 2011 to 22 June 2016 & From 23 June 2019 to 22 June 2022)
Director (Founding)	Institutional Quality Assurance Cell (IQAC) Comilla University, Comilla-3506, Bangladesh (Duration: 12 October 2015 to 20 January 2019)
Proctor	Comilla University, Kotbari, Comilla (Duration: From 02 March 2011 to 10 February 2012 (1st Time) (Duration: From 15 January 2013 to 23 July 2013 (2nd Time)
Assistant Provost	Khan Jahan Ali Hall, Khulna University, Khulna (Duration: 03 June 2010 to 31 January 2011)
Assistant Director	Khulna University Research Cell (KURC), Khulna University (Duration: 07 December 2004 to 30 June 2007)

9. Special Training/Workshop

Special Training/Workshop	
	<ul style="list-style-type: none"> • “<i>Geographic Information System (GIS)</i>” from Planning and Development Center (PDRC), Urban and Rural Planning Discipline, Khulna University, Khulna, Bangladesh. • “Hands-on Training on “<i>The Science and Applications of Polymerase Chain Reaction(PCR)</i> ” from Fisheries and Marine Resource Technology Discipline, Khulna University. • “<i>Environmental Pollution Monitoring & Control</i>” from the Department of Analytical Chemistry and Environmental Chemistry, Training Institute for Chemical Industries (TICI), Narshingdi. • Computer Program on <i>FORTRAN & SPSS</i> from Computer and Information Technology Institute, Jahangirnagar University, Savar, Dhaka.

10. Research Experience

Research Experience	
Project Director	Solid Waste Management in Comilla University: Context of Plastic Recycling Funded by Comilla University Research Cell, Cumilla, Bangladesh Duration: July 2023 to June 2024 (Continuing)
Project Director	Optimization and modeling of synthesis parameters of metal[Ni(II), Cu(II) and Zn(II)] complexes with 4-((2-hydroxybenzylidene)amino)benzenesulfonamide and its derivatives using full factorial design: Preparation, Characterization, Catalytic & Biological Activity studies Funded by University Grants Commission, Bangladesh Duration: July 2022 to June 2023 (Continuing)
Project Director	Project Title: Selection of Suitable Analytical Technique as Point of Care Device For Detecting Viruses and Antibodies , Funded by Comilla University Research Cell, Cumilla, Bangladesh Duration: July 2022 to June 2023
Project Director	Project Title: Effect of Formalin on Food Value on Some Selected Fruits and Fish Samples to be Collected from Cumilla City Corporation Area, Funded by Comilla University Research Cell, Cumilla, Bangladesh Duration: July 2021 to June 2022
Project Director	Project Title: Synthesis of Peroxovanadium(V)/oxovanadium(IV) Complexes of Peroxovanadium (V)/oxovanadium (IV) Complexes of Heteroligand for its Specific Biological Application by Chemometrics Designing (Completed); Funded by Comilla University, Cumilla Duration: July 2019 to June 2020
Project Director	Project Title: Assessment and Suitability of Analytical methods for groundwater analysis; Funded by: Comilla University, Cumilla Duration: July 2016 to June 2017
Investigator	Project Title: Assessment and Evaluation of Natural Waters Suitability For Irrigation in and around Sailmari River, Khulna Funded by University Grant Commission (UGC), Dhaka

	Duration: One year (July 2012 to June 2013)
Investigator	Study of Seasonal and Tidal variation of Nutrients in Sundarbans Mangrove Forest, Khulna, Ministry of Science and Technology Duration: From January 2010 to December 2012
Principal Investigator	Project Title: “Identification of Arsenic Contaminated Fish Ponds or Ghers Cultured with Tube-well water of Khulna District, South West Region of Bangladesh and an Arsenic Detoxification Method Establish in Fish Ponds, Khulna” Funded by Khulna University Research Cell, Khulna University, Khulna. (Duration: From May 2006 to October 2006)
Investigator	Project Title: “Effects of Oil Pollution on Fisheries in Sundarbans Reserve Forest, Khulna” Funded by Khulna University Research Cell, Khulna University, Khulna. (Duration: October 2005 to March 2006)
Investigator	Project Title: “Environmental Capacity in Terms of Pollution Load of An Aquatic system Involving Coastal shrimp Aquaculture, Khulna” Funded by Khulna University research Cell, Khulna University, Khulna. (Duration: November 2004 to April 2005)
Investigator	Project Title: Fisheries Research and Stock Assessment in Sundarbans, Khulna as a part of Sundarbans Biodiversity Conservation Project funded by ADB and DoF (Duration: December 2000 to November 2001)

List of Publications

1. K.A. Hoque, S.A. Sathi, F.Akter, T. Akter, T. Ahmed, W. Ullah, K. Arafin. **M.S. Rahaman**, H. M. Shadat, A.B. Imran, A. N. Chowdhury (2024). Recent Advances on Photocatalytic CO₂ reduction using CeO₂-based Photocatalysts: A Review, *Journal of Environmental Chemical Engineering*(Published by Elsevier Ltd.) 12, 113487
2. M.S. Rahaman (2021). Designing and Implementation of Outcome Based Education in HEIs of Bangladesh: Evaluation of Quality Assurance Aspects During Covid-19 Period. *Asia-Pacific Quality Network (APQN) Anthology 2021*, 56-68.
3. S. Akter, **M.S. Rahaman***, R. Moni, K.A. Hoque, S.A. Sathi, F.Islam and T. Akter (2021). Synthesis of Cobalt Oxide (Co₃O₄) Nanoparticles in Alcoholic Medium Using Sol-Gel Method and Its Characterization, *The Comilla University Journal of Science (CoUJS)*, 6(1), 65-75.
4. N. Islam, **M.S. Rahaman***, K.A. Hoque, S.A. Sathi and D.H. Khan (2020). Determination of Formaldehyde Content in Common Fruits Stuffs in Cumilla City by Spectrophotometric Method, *The Comilla University Journal of Science*, 2020, 5(1), 97-108.
5. Khondaker Afrina Hoque, **Mohammad Sayadur Rahaman***, Mohammad Khademul Islam, Rashedul Islam Ripon, Md. Shalauddin, Rassel Moni, and Sharmin Akter Rupa. Computational Design, Synthesis and Characterization of Insulin-mimetic Peroxovanadate(V) Complexes of Isomeric Ligands Ind-3-COOH and H₂BIC *Journal of the Bangladesh Chemical Society*, 2020, 32(1&2)
6. Khondaker Afrina Hoque, **Mohammad Sayadur Rahaman***, Barunkanti saha, Shah Ekhlmur Reza and Mohammad Nashir Uddin (2020). Study of the Effect of Ethephon Treatment on Proximate Composition of Banana (*Musa Sepientum*) *Journal of*

Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) e-ISSN: 2319-2402,p- ISSN: 2319- 2399. Volume 14, Issue 3 Ser. 1 (March. 2020), PP 36-44, www.iosrjournals.org

7. S. A. Sathi, M. S. Rahaman*, K. A. Hoque, N. Islam, S. K. Ahamed (2020). Assessment of Groundwater Quality for Drinking Purpose in Comilla University Area, Bangladesh, *The Comilla University Journal of Science (CoUJS)*, Vol. 5, 2019
8. A. N. M. Al-Razee, Md. Nurul Abser, Md. Abdul Mottalib, **Md. Sayadur Rahaman**, and Namjun Cho (2019). Assessment of heavy metals in sediments of Shitalakhya River, Bangladesh. *Analytical Science & Technology*(Printed in the Republic of Korea) Vol. 32 No. 5, 210-216
9. Al-Razee, A.N.M., Abser, M.N., Mottalib, M.A. And **Rahaman, M.S.** (2017). Assessment of Physicochemical Parameters Of The Surface Water Of Shitalakhya River Polluted By Paper Mills Effluent, *Journal of Bangladesh Chemical Society (JBACS)*, **29** (2).
10. Khatun, M.M., Kabir, A. Ahsan, M.N., **Rahaman, M.S.***(2016). Abundance and distribution of phytoplankton and relation with water quality of the Sundarbans Mangrove Ecosystem, Bangladesh, *The Comilla University Journal of Science*, Volume **1**
11. S.M. Bazlur Rahaman, **Md. Sayadur Rahaman**, Alokesh K. Ghosh, Dhiman Gain, Sudhin K. (2015). A Spatial and Seasonal Pattern of Water Quality in the Sundarbans River Systems of Bangladesh, *Journal of Coastal Research*, **31(2)**, pp-390-397.
12. Rahaman, S.M.B, Biswas,S.K., **Rahaman, M.S.**, Ghosh, A.K., Sarder, L. and Siraj, S.M.S., and Islam, S.S.: Seasonal nutrient distribution in the Rupsa-Passur tidal river system of the Sundarbans mangrove forest, Bangladesh *Ecological process* 2014, 3:18. (ISSN: 2192-1709)
13. Farzana Rahman, Mir Tamzid Rahman, **Md. Sayadur Rahman** and Jasim Uddin Ahmad (2014). Organic Production of Karomjol, Passur River System of the Sundarbans, Bangladesh, *Asian Journal of Water, Environment and Pollution*, 11(1), pp. 95-103.
14. Mir T. Rahman, Farzana Rahman, **Mohammad S. Rahaman**, Jasim U. Ahmad, S.B. Quraishi, (2013). Assessment of Trace Metals in Selected Fish Species in Passur River, Sundarbans Mangrove Forest, Khulna, Bangladesh, *Journal of Bangladesh Chemical Society*, Vol. 26 (1): 68-74
15. S.M. Bazlur Rahaman, Lipton Sarder, **Md Sayadur Rahaman**, Alokesh Kumar Ghosh, Sudhin Kumar Biswas, SM Shahjahan Siraj, Khandaker Anisul Huq, Abul Farah Md Hasanuzzaman and Shikder Saiful Islam (2013). Nutrients dynamics in the Sundarbans mangrove estuarine system of Bangladesh under different weather and tidal cycles, *Ecological Processes*, 213, 2:29 (ISSN: 2192-1709)
16. Rahaman SMB1, Golder J, **Rahaman MS**, Hasanuzzaman AFM, Huq KA, Begum S, Islam SS and Bir J S (2013). Spatial and Temporal Variations in Phytoplankton abundance and species diversity in the Sundarbans Mangrove Forest of Bangladesh, *J Marine Sci Res Dev*,(3(2): 1-9.
17. Mohammad M. Rahman, Mir T. Rahman, **Mohammad S. Rahaman**, Farzana Rahman, Jasim U. Ahmad, Begum Shakera, and Mohammad A. Halim (2013). Water Quality of the World's Largest Mangrove Forest. *Canadian Chemical Transactions*, 1(2): 141-156.
18. Mir T. Rahman¹, **Md S. Rahman**², S.B. Quraishi³, J.U. Ahmad¹, T.R. Choudhury³, M. A. Mottaleb⁴ (2011). Distribution of Heavy Metals in Water and Sediments in Passur River,

Sundarban Mangrove Forest, Bangladesh. *J. Int. Environmental Application & Science*, Vol. 6(4):537-546

19. Ahmad, J.U., Uddin, **Rahaman, M.S.**, Rahman, M.T, Rahman, M.M, Rahman, F, and Hasan, M. (2011). Passur River Water and Precipitate pollution in the Sundarbans Area, *Jahangirnagar University Chemical Review*, 16: 9-18. (The Language of the article is in Bengali).
20. Ahmad, J.U. and **Rahaman, M.S.** (2010). Water Chemistry in and around Sundarbans mangrove forest, southwest Bangladesh. *Khulna University Studies*, Special Issue (SESB 2010): June: 9-20.
21. Ahmed, M.F., Haider, M.Z. (2010). Land use pattern and socio-economic Condition of the Sundarbans adjacent coastal areas of Bangladesh, *Khulna University Studies*, Special Issue (SESB 2010): June: 57-72.
22. H. Ara^a, **M.S. Rahaman**^{a*}, M.M. Islam^b, A. Mallick^c and M.S. Hossain^c (2009). A Laboratory Approach For Determining Effects of Potential Oil Spillage on Water Quality of Sundarbans Mangrove Forest, Bangladesh, *Journal of Life and Earth Science*, University of Rajshahi, Rajshahi 6205, Bangladesh, Volume 3-4, December: 23-28.
23. S. Mazumder, Z.B. Mostafa, H.Ali, M.Khan and **M.S. Rahaman** (2009). Effects of liming materials on water quality management in aquaculture in Khulna region, *Journal of the Bangladesh Society for Agricultural Science and Technology*, Volume 6 (1 & 2): 113-116.
24. Dilip K. Datta, Subrota K Saha and **Md. Sayadur Rahaman** (2008). Chemical flux to the coast of Bangladesh-a review, *Indian Journal of Marine Sciences*, 37(2), June: 214-219.
25. **Rahaman, M.S.**, Ara, H. and Islam, M.M. (2006). Determination Of The Total Hydrocarbon Concentrations In The Shipping Channel In The Sundarbans Mangrove Forest Of Bangladesh By Modified Partition Gravimetric Technology, *Khulna University Studies*, Special Issue: 73-77.
26. Ara, H., Jesmin,M., Rahman, S.M., Karim, K.M.R. and **Rahaman, M.S.** (2006). Proximate And Mineral Composition Of Four Tengra (Mystus SP.) Fishes Of Bangladesh, *Khulna University Studies*, 7(2):51-54.
27. **Rahaman, M.S.**, Shah, M.S., Ahsan, N. and Asaduzzaman, M. (2005). Water Quality Characterization Of Sundarbans Mangrove Forest Of Bangladesh: On The Perspective Of Aquatic Biodiversity, *Khulna University Studies*, 5(2): 55-61.
28. Mostafa, M., **Rahaman, M.S.**, Nessa, M.U. and Mehedi, M.Y. (2005). Heavy Metals in Beach Sediments along the Ship Breaking of Chittagong Coast, Bangladesh: An Observation of Status Change in Last Decades, *Journal of Environmental Science (Dhaka)*, 3:9-20
29. Bahar, S.M., **Rahaman, M.S.** and Das, N. (2004). Water Quality Characterization Of The Bhairab-Rupsha River System Of Khulna City: An Ecological Perspective, *Jahangirnagar University Journal of Science*, 27:231-240.
30. Ahmad, J.U. and **M. Sayadur Rahaman** (2003). Status Of Lead Pollution In Bangladesh: Case Studies Around Dhaka-Aricha Highway, *Bangladesh Journal of Environmental Science*, 1: 5-13.
31. Ahmad, J.U., Uddin, and **Rahaman, M.S.** (2000). Chromium (VI) Pollution In The River Of Buriganga, *Jahangirnagar University Chemical Review*, 6: 71-76. (The Language of the article is in Bengali).

Peer- Reviewed Proceedings

32. **Mohammad Sayadur Rahaman***, Asma Ul Husna, and Khandaker Afrina Haque, Design of Experiment and Reaction Optimization in Development of New Synthetic Methodology: A Chemometric Study of Modeling of Synthesis Parameters of n-Salicylidene-4-Chloroaniline, 1st International Conference on Frontier in Sciences (ICFS – 2022), 11, November, 2022, BUET, Bangladesh.
33. **Rahaman, M.S. (2022)**. Effect of Industrial Effluent from EPZ area and Denunciation on Environmental Sustainability: A Case Study on Cumilla EPZ Area, International Conference on Environmental Protection for Sustainable Development (ICEPSD-2022), 2-4, September, 2022, Dhaka University, Bangladesh.
34. Rahaman, M.S., **K. M. Darain, and Alam A.F.M. A. (2009)**. Waste Water Generation Scenario Of Fish Processing Industries at Khulna City of Bangladesh. *Proceedings of the International Conference on Solid Waste Management, Technical, Environmental and Socio-economic Contexts- Waste Safe 2009*, 9-10 November 2009, University of Engineering and Technology (KUET), Khulna, Bangladesh.
35. Haider, M.Z., Rahaman, M.S. (2009): Impact of Salinity on Livelihood Pattern: A study on the South-West Region of Bangladesh. *Proceedings on Climate Change Induced Livelihood Pattern in the South-West Coastal Region of Bangladesh*, June 27, 2009, Alternative Livelihood Program in the Context of Climate Change (ALPCC) Project and Environmental Science Discipline, Khulna University, Khulna.
36. S Shah, M.S.; **Rahaman, M.S.** (2004): Petroleum Prospecting Surveys And Extraction Of Oil And Gas From Block-5: Impact On The Fisheries Resources Of The Sundarbans, *Proceedings of the National Conference on the Potential Impact of Oil and Gas Exploration in Block-5 on the Sundarbans Ecosystem*, December 30, 2003, Published by Center for Integrated Studies on the Sundarbans, Khulna University, June 2004: 67-72.
37. **Rahaman, M.S**, Shah, M.S. and Hasan, M. (2003): The Salinity, Its Distribution And Importance In The Sundarbans Reserve Forest In Bangladesh, *Proceeding on National Seminar on the Sundarbans, The Largest Mangrove Forest on the Earth: A World Heritage Site*, 25-26 June 2003: 25-31.
38. Ahmad, J.U.; Uddin, K. and **Rahaman, M.S.** (1999):Tannery Industry And Chromium Pollution In And Around Dhaka City, *Proceeding on the 8th Asian Chemical Congress and Chemical Industry Instrument Exhibition*, International Convention Center Taipei, Taiwan, November 21 to 24.
39. Ahmad, J.U.; **Rahaman, M.S.** and Khan, M.H. (1999):Automobile, The Major Source Of Carbon Monoxide, Sulphur Dioxide, And Lead Pollution In The Urban Areas Of Bangladesh, *Proceeding on the International Conference Cum Workshop on Air Quality Management*, University of Brunei, Darussalam, November 15th to 19th.
40. M. G. Sarower, **M.S. Rahaman**, M.N. Uddin (2004): Coping Strategies and Sustainable Development for Fishermen Livelihood in Bangladesh. *Proceeding of the national workshop on Sustainable Livelihood Approach in Fisheries Education and Research*, Support for University Fisheries Education and Research (SUFER) Project, UGC-DFID, June 2004, published by Fisheries and Marine Resource Technology Discipline, Khulna University, Khulna, Bangladesh
41. **Md. Sayadur Rahaman (2003)**: Top Dying At The Sundarbans: Effect Of Farakka And Acidity, *National Documentation On The Problem Of Arsenic And Farakka*, International Farakka Committee, Inc., New York, U.S.A, 2003: 221-222.

Members of Professional/Associative Body	
Life Member	Bangladesh Chemical Society
President of Regional Committee, Cumilla and Member, National Committee	Bangladesh Science Technology Engineering and Mathematics (BdSTEM) Foundation
Life Member	Alumni Association, Department of Chemistry, Jahangirnagar University, Savar, Dhaka
Life Member	Jahangirnagar University Alumni Association, Savar, Dhaka
Life Member	Alumni Association, Department of Chemistry, BUET, Dhaka
Former Syndicate Member (Highest Executive Body)	Comilla University, Comilla-3506, Bangladesh
Former Syndicate member (Highest Executive Body)	CCN University, Comilla, Bangladesh Nominated by University Grants Commission of Bangladesh
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