

CURRICULUM VITAE
(as of 20 January 2021)



**(Cumilla, Bangladesh,
03 March 1971)**

Dr. Md. Abu Bin Hasan Susan		
<i>Professor</i>	<i>House Tutor</i>	
<i>Department of Chemistry</i>	<i>Salimullah Muslim Hall</i>	
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Homepage	http://www.du.ac.bd/faculty/faculty_details/CHM/104 http://www.matchemdu.edu.bd/ https://www.researchgate.net/profile/Md_Susan https://scholar.google.com/citations?user=gQWZq40AAAAJ&hl=en	
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Citations: 9088 <i>h</i> -index: 243, <i>i</i> -10 index: 57		

Biography

Dr. Md. Abu Bin Hasan Susan is a Professor of Chemistry of Dhaka University, Bangladesh. He received his PhD degree from Yokohama National University, Japan in 2000 and was awarded with VBL, JSPS, CREST and Bridge postdoctoral fellowships. His research interest is in the field of Materials Chemistry in particular on Nanochemistry, Supramolecular Electrochemistry, Micellar Catalysis, Ionic Liquids, Anhydrous Proton Conductors, Water Structure, and Polymer Composite Materials. He has 155 articles including 17 book chapters and 18 proceedings and 275 abstracts published as contribution in scientific meetings. He is a reviewer of more than 48 National and International Journals. His research projects have been supported by many national and international organizations including Ministry of Science and Technology, Ministry of Education, University Grants Commission of Bangladesh, Bose Centre, Semiconductor Technology Research Centre, Renewable Energy Centre, World Bank, OPCW, COMSTECH, TWAS, and Royal Society of Chemistry. He collaborates with 14 renowned laboratories and visited eleven countries of the world. He was nominated for awards of FACS, 2005 and ISESCO, 2010. He received Dean's Award of Faculty of Science, Dhaka University (2011), University Grants Commission Awards of Bangladesh in Physical Sciences in 2011 and in Chemical, Biological and Environmental Sciences in 2013 and United Group Paper Awards in 2016 and 2017 for seven articles. He received Silver Medal of the Society of Promotion of Education and Science, India in 2019. He is a member of many professional organizations and served as Joint Secretary of Bangladesh Chemical Society (2011-14) and National Representative of Division I of IUPAC. From 2016, he has been a Fellow of IUPAC.

Personal Information:

Name: Dr. Md. Abu Bin Hasan Susan
Father's Name: Md. Abdul Hai
Mother's Name: Roushan Ara Begum
Date of Birth: 03 March 1971
Place of Birth: Cumilla, Bangladesh
Nationality: Bangladeshi by Birth
Present Address: House Tutors' Quarter,
North-East Side, 1st Floor,
Salimullah Muslim Hall, Dhaka University,
Dhaka-1211, Bangladesh
Permanent Address: Rowshan Villa, Vill.- Bhagal Pur,
P.O.-Chandgaon, P.S.- Daudkandi,
Cumilla-3517, Bangladesh
Marital Status: Married
Blood Group B+ve

Educational Qualifications:

<i>Name of the Degree</i>	<i>Year of the Degree Obtained</i>	<i>Institute</i>	<i>Division/Class</i>
S.S.C.	1986	Daudkandi Pilot High School, Cumilla, Bangladesh	1 st *
H.S.C.	1988	Dhaka College, Dhaka, Bangladesh	1 st *
B.Sc.(Hons)	1991 (Exam held in 1993)	Department of Chemistry, Dhaka University, Bangladesh	1 st
M.Sc (Thesis)	1992 (Exam held in 1995)	Department of Chemistry, Dhaka University, Bangladesh	1 st
Doctor of Engineering	2000	Yokohama National University, Japan	A grade (80-100%)

Teaching Experiences

<i>Institute</i>	<i>Position</i>	<i>Period</i>
Department of Chemistry, Dhaka University	Lecturer	07 November 2000-13 September 2004
Department of Chemistry, Dhaka University	Assistant Professor	14 September 2004-26 December 2009
Department of Chemistry, Dhaka University	Associate Professor	27 December 2009-22 June 2013
Department of Chemistry, Dhaka University	Professor	23 June 2013-todate
Department of Finance, Dhaka University	Part-time Lecturer	07 June 2012-06 January 2014
National University, Gazipur	Resource Person and Instructor	2008, 2014, 2015
National University, Gazipur	Course Adviser and Coordinator	Batch 92, 2015
National University, Gazipur	Course Adviser and Coordinator	Batch 01, 2017 and Batch 07, 2019 CEDP
Department of Computer Science and Engineering, Dhaka University	Part-time Lecturer	Since 2017 till continuing

Administrative Experiences

<i>Institute</i>	<i>Position</i>	<i>Period</i>
Shahidullah Hall, Dhaka University	Assistant House Tutor	07 January 2001-28 June 2001
Shahidullah Hall, Dhaka University	Assistant House Tutor	12 December 2006-11 December 2007
Salimullah Muslim Hall, Dhaka University	Assistant House Tutor	20 October 2012-25 February 2015
Salimullah Muslim Hall, Dhaka University	House Tutor	26 February 2015- to date

Research Experiences:

<i>Research Institution</i>	<i>Research Project</i>	<i>Status</i>	<i>Period</i>
Physical Chemistry Research Laboratory Dept. of Chemistry, Dhaka University	<i>Kinetic Investigation on the Alkaline Hydrolysis of Crystal Violet in the Presence of Cetyltrimethylammonium Bromide</i>	M.Sc. Student	April 1994- May 1996
Bose Center for Advanced Study and Research in Natural Sciences, Dhaka University	<i>Investigation of Reactions Catalyzed by Micelles and Microemulsions</i>	Research Fellow	June 1996- September 1996
Department of Chemistry and Biotechnology, Yokohama National University, Japan	<i>Electrochemical Behavior of Redox-Active Surfactants</i>	Research Student	October 1996- March 1997
Department of Chemistry and Biotechnology, Yokohama National University, Japan	<i>Electrochemical Behavior of Redox-Active Non-Ionic Surfactants Containing an Anthraquinone Group</i>	Doctoral Student	April 1997- March 2000
Bose Center for Advanced Study and Research in Natural Sciences, Dhaka University	<i>Development of Low-Cost Catalysts for the Reduction of Pollutants from Automobile Exhaust Gases</i>	Research Fellow	April 2000- October 2000
Physical Chemistry Research Laboratory, Dhaka University	(i) <i>Oxidative Coupling of Methane</i> ii) <i>Development of Low-Cost Catalysts for the Reduction of Pollutants from Automobile Exhaust Gases</i>	Co-guide and Researcher	November 2000- June 2001
Venture Business Laboratory, Yokohama National University, Japan	<i>Novel Organic Amine-Based Ionic Liquids as Proton-Conducting Non-Aqueous Electrolytes</i>	Post-doctoral Research Fellow	01 July 2001- 28 November 2002
Department of Chemistry and Biotechnology, Yokohama National University, Japan	<i>Brønsted Acid-Base Ionic Liquids and Ion Gels as Anhydrous Proton Conductors</i>	JSPS Post-doctoral Fellow	29 Nov 2002- 13 Sep 2004
Department of Chemistry and Biotechnology, Yokohama National University, Japan	<i>Ionic Liquids and Ion Gels for Electrochemical Applications</i>	Visiting Researcher	01 June 2007- 27 August 2007
Department of Chemistry and Biotechnology, Yokohama National University, Japan	<i>To Create Research Network between Japan and Bangladesh</i>	JSPS-Bridge Fellow	15 Nov 2010- 29 Dec 2010
Air Quality Monitoring Center, Centre for Advanced Research in Sciences, University of Dhaka, Bangladesh	<i>Establishing an Air Quality Monitoring Centre</i>	Research Fellow	1 April 2012- March 2015

Curriculum (Syllabus) Development:

<i>Institution</i>	<i>Description</i>
Department of Chemistry, Dhaka University	Undergraduate, MS, M.Phil and PhD.
Department of Chemistry, Chittagong University	<i>External Expert Member,</i> Undergraduate, MS, M.Phil and PhD.
Department of Chemistry, Rajshahi University	<i>External Expert Member,</i> Undergraduate, MS, M.Phil and PhD.
Department of Chemistry, Mawlana Bhashani Science & Technology University	<i>External Expert Member,</i> Undergraduate and MS
Department of Chemistry, Comilla University	<i>External Expert Member,</i> <i>BS and MS</i>
Department of Chemistry, Barisal University	<i>External Expert Member</i> Undergraduate, MS
Department of Chemistry Bangabandhu Sheikh Mujibur Rahman Science and Technology University	<i>External Expert Member</i> Undergraduate
Department of Chemistry Hajee Danesh Science and Technology University	<i>External Expert Member</i> Undergraduate, MS
Department of Chemistry Jashore University of Science and Technology	<i>External Expert Member</i> Undergraduate, MS
Department of Dyes and Chemicals Engineering Bangladesh University of Textiles (BUTEX)	<i>External Expert Member</i> Undergraduate, MS

ResearchInterest:

Nanochemistry, Supramolecular Electrochemistry, Micellar Catalysis, Ionic Liquids and Ion Gels, Anhydrous Proton Conductors, Fuel Cells, Water Structure, 2D Correlation Spectroscopy, Polymer Composite Materials

Research Supervision:

MS Thesis	54 Students from the Department of Chemistry and also Jointly Supervised 2 Students from Shahjalal University of Science and Technology, Sylhet and one from Noakhali Science and Technology University
Undergraduate Project Work	51 students from the Department of Chemistry and also Jointly Supervised 5 Students from Shahjalal University of Science and Technology, Sylhet and 1 from Khulna University
M.Phil .Thesis	1 M.Phil. Student completed
Ph.D. Thesis	4 current Students, 7 completed
Research Fellows	9 Fellows
Supervision under Collaboration	1 PhD student from Tribhuban University, Nepal

List of Publications:

No	Authors	Title	Article detail	Publisher	Impact factor
1.	<u>Susan, M.A.B.H.</u> , Tani, K., Watanabe, M.	Surface Activity and Redox Behavior of Nonionic Surfactants Containing an Anthraquinone Group as the Redox-Active Site	<i>Colloid Polym. Sci.</i> , 1999 , 277, 1125-1133	Springer	1.990
2.	<u>Susan, M.A.B.H.</u> , Begum, M., Takeoka, Y, Watanabe, M.	Study of the Correlation of the Cyclic Voltammetric Responses of a Nonionic Surfactant Containing an Anthraquinone Group with the Dissolved States	<i>Langmuir</i> , 2000 ,16,3509-3516	American Chemical Society	3.700
3.	<u>Susan, M.A.B.H.</u> , Begum, M., Takeoka, Y, Watanabe, M.	Effect of pH and the Extent of Micellization on the Redox-Behavior of Nonionic Surfactants Containing an Anthraquinone Group	<i>J. Electroanal. Chem.</i> , 2000 , 481,192-199	Elsevier	3.807
4.	<u>Susan, M.A.B.H.</u> , Noda, A., Watanabe, M.	Development of Environmentally Benign Materials to Realize Fast Proton Conductors under Anhydrous Condition	<i>Venture Business Laboratory</i> , 2002 ,5,69-70	Yokohama National University	
5.	Noda, A., <u>Susan, M.A.B.H.</u> , Kudo, K., Mitsushima, S., Hayamizu, K., Watanabe, M.	Brønsted Acid- base Ionic Liquids as Proton Conducting Non-Aqueous Electrolytes	<i>J. Phys. Chem. B</i> , 2003 ,107, 4024-4033	American Chemical Society	3.187
6.	<u>Susan, M.A.B.H.</u> , Noda, A., Mitsushima, S., Watanabe, M.	Brønsted Acid-base Ionic Liquids and Their Use as New Materials for Anhydrous Proton Conductors	<i>Chem. Comm.</i> , 2003 , 938-939	Royal Society of Chemistry	6.164
7.	<u>Susan, M.A.B.H.</u> , Yoo, M., Nakamoto, H., Watanabe, M.	A Novel Brønsted Acid-base System as anhydrous Proton Conductors for Fuel Cell Electrolytes	<i>Chem. Lett.</i> , 2003 ,32,836-837	Chemical Society of Japan	1.550
8.	<u>Susan, M.A.B.H.</u> , Noda, A., Watanabe, M.	Brønsted Acid-base Ionic Liquids and Ion Gels as New Materials for Fuel Cell Applications	<i>Venture Business Laboratory</i> , 2003 , 6,63-64 (In Japanese)	Yokohama National University	
9.	Rahman, M.K., Aiba, G., <u>Susan, M.A.B.H.</u> , Watanabe, M.	Proton Exchange Membranes Based on Sulfonamides for Fuel Cell Applications	<i>Electrochim. Acta</i> , 2004 , 50, 633-638	Elsevier	6.215
10.	Kawano, R., Matsui, H., Matsuyama, C., Sato, A., <u>Susan, M.A.B.H.</u> , Tanabe, N., Watanabe, M.	High Performance Dye-Sensitized Solar Cells using Ionic Liquids as Their Electrolytes	<i>J. Photochem. Photobio. A, Chem.</i> , 2004 ,164,87-93	Elsevier	3.306
11.	<u>Susan, M.A.B.H.</u> , Ishibashi, A., Takeoka, Y, Watanabe, M.	Surface Activity and Redox Behavior of a Non-ionic Surfactant Containing a Phenothiazine Group	<i>Colloids Surf. B: Biointerfaces</i> , 2004 ,38,167-173	Elsevier	4.389
12.	<u>Susan, M.A.B.H.</u> , Nakamoto, H., Yoo, M., Watanabe, M.	Pyridine as a Brønsted Base for Anhydrous Proton Conductors	<i>Trans. Mater. Res. Soc. Jpn.</i> , 2004 , 29,1043-1046	Material Research Society, Japan	
13.	Rahman, M. K., Aiba, G., <u>Susan, M.A.B.H.</u> , Sasaya, Y., Ohta, K., Watanabe, M.,	Synthesis, Characterization, and Copolymerization of a Series of Novel Acid Monomers Based on Sulfonimides for Proton Conducting Membranes	<i>Macromolecules</i> , 2004 , 37, 5572-5577	American Chemical Society	5.918
14.	Tokuda, H, Tabata, S., <u>Susan, M.A.B.H.</u> , Hayamizu, K., Watanabe, M.	Design of Polymer Electrolytes Based on a Lithium Salt of a Weakly Coordinating Anion to Realize High Ionic Conductivity with Fast Charge Transport Reaction	<i>J. Phys. Chem. B</i> , 2004 ,108,11995-12002	American Chemical Society	3.187
15.	Tabata, S., Hirakimoto, T., <u>Susan, M.A.B.H.</u> , Watanabe, M.	Effect of Novel Boric Acid Esters on Ion Transport Properties of Lithium Salts in Non-Aqueous Electrolyte Solutions and Polymer Electrolytes	<i>J. Phys. Chem. B</i> , 2004 , 108,19518-19526	American Chemical Society	3.187

16.	Tokuda, H, Hayamizu, K., Ishii, K., <u>Susan, M.A.B.H.</u> , Watanabe, M.	Physicochemical Properties and Structures of Room Temperature Ionic Liquids. I. Variation of Anionic Species	<i>J. Phys. Chem. B</i> , 2004 ,108,16593-16600	American Chemical Society	3.187
17.	<u>Susan, M.A.B.H.</u> , Kaneko, T., Noda, A., Watanabe, M.	Ion Gels Prepared by <i>In Situ</i> Radical Polymerization of Vinyl Monomers in an Ionic Liquid and Their Characterization as Polymer Electrolytes	<i>J. Am. Chem. Soc.</i> , 2005 , 127 (13), 4976-4983	American Chemical Society	14.612
18.	Seki, S., <u>Susan, M.A.B.H.</u> , Kaneko, T., Tokuda, H., Noda, A., Watanabe, <u>M.</u>	Distinct Difference in Ionic Transport Behavior in Polymer Electrolytes Depending on Matrix Polymers and Incorporated Salts	<i>J. Phys. Chem. B</i> , 2005, 109, 3886-3893.	American Chemical Society	3.187
19.	Matsuoka, H., Nakamoto, H., <u>Susan, M.A.B.H.</u> , Watanabe, M.	Brønsted Acid-Base and –Polybase Complexes as Electrolytes Under Non-humidifying Conditions	<i>Electrochim. Acta</i> , 2005 , 50, 4015-4021	Elsevier	6.215
20.	Shobukawa, H., Tokuda, H., <u>Susan, M.A.B.H.</u> , Watanabe, M	Ion Transport Properties of Lithium Ionic Liquids and Their Ion Gels	<i>Electrochim. Acta</i> , 2005 , 50, 3872-3877	Elsevier	6.215
21.	Tokuda, H, Hayamizu, K., Ishii, K., <u>Susan, M.A.B.H.</u> , Watanabe, M.	Physicochemical Properties and Structures of Room Temperature Ionic Liquids 2. Variation of Alkyl Chain Length in Imidazolium Cation	<i>J. Phys. Chem. B</i> , 2005 , 109, 6103	American Chemical Society	3.187
22.	Tokuda, H, Ishii, K., <u>Susan, M.A.B.H.</u> , Tsuzuki, S., Hayamizu, K., Watanabe, M.	Physicochemical Properties and Structures of Room Temperature Ionic Liquids 3. Variation of Cationic Structure	<i>J. Phys. Chem. B</i> , 2006 , 110, 2833-2839	American Chemical Society	3.187
23.	Tokuda, H, Tsuzuki, S., <u>Susan, M.A.B.H.</u> , Hayamizu, K., Watanabe, M.	How Ionic Are Room Temperature Ionic Liquids? An Indicator of the Physicochemical Properties	<i>J. Phys. Chem. B</i> , 2006 , 110, 19593-19600	American Chemical Society	3.187
24.	Kabir, A. M. R., <u>Susan, M.A.B.H.</u>	Kinetics of the Alkaline Hydrolysis of Crystal Violet in Aqueous Solution Influenced by Anionic Surfactants	<i>J. Saud. Chem. Soc.</i> , 2008 , 12, 543-554	Elsevier	3.517
25.	Shahed, S.M.F., Islam, M. J., Choudhuri, M.M. R., <u>Susan, M.A.B.H.</u>	Effect of Added Electrolytes on the Critical Micelle Concentration of Sodium Dodecyl Sulfate in Aqueous Solution	<i>J. Bangladesh Chem. Soc.</i> , 2009 , 22, 123-130	Bangladesh Chemical Society	
26.	Mahmud, I., Samed, A. J. F., Haque, M.A., <u>Susan, M.A.B.H.</u>	Electrochemical Behaviour of Anthraquinone in Aqueous Solution in Presence of a Non-ionic Surfactant	<i>J. Saud. Chem Soc.</i> , 2011 , 15, 203-208	Elsevier	3.517
27.	Haque, M. A., Rahman, M.M., <u>Susan, M.A.B.H.</u>	Aqueous Electrochemistry of Anthraquinone and Its Correlation with the Dissolved States of a Cationic Surfactant	<i>J. Solution Chem.</i> , 2011 , 40, 861–875	Springer	1.273
28.	Rahman, M.M., Rahman, M.M., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Electrochemical behavior of Malachite Green on Glassy Carbon Electrode, a Cyclic Voltammetric Study	<i>J. Bangladesh Chem. Soc.</i> , 2011 , 24, 25-36	Bangladesh Chemical Society	
29.	Miran, M.S., Kinoshita, K., Yasuda, T., <u>Susan, M.A.B.H.</u> , Watanabe, M.	Hydrogen Bonds in Protic Ionic Liquids and their Correlation with Physicochemical Properties	<i>Chem. Comm.</i> , 2011 , 47 , 12676-12678	Royal Society of Chemistry	6.164
30.	Begum, F, Mollah, M.Y.A., Rahman, M.M., <u>Susan, M.A.B.H.</u>	Investigation of Alkaline Hydrolysis of Crystal Violet in the Presence of Micelles, Reverse Micelles and Microemulsions of a Cetyltrimethylammonium Bromide	<i>J. Bangladesh Chem. Soc.</i> , 2011 , 24, 173-84	Bangladesh Chemical Society	
31.	Biswas, B. N, Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Potentiodynamic Studies on Corrosion of Copper by Chloride Ions and Its Inhibition by Inorganic and Organic ions in Aqueous Buffer Solution	<i>Ionics</i> , 2012 , 18,189–195	Springer	2.394

32.	Miran, M.S., Kinoshita, K., Yasuda, T., <u>Susan, M.A.B.H.</u> , Watanabe, M.	Physicochemical Properties Determined by ΔpK_a for Protic Ionic Liquids Based on an Organic Super-strong Base with Various Brønsted Acids	<i>Phys. Chem. Chem. Phys.</i> , 2012 , 14, 5178-5186	Royal Society of Chemistry	3.530
33.	Haque, M. A., Rahman, M.M., <u>Susan, M.A.B.H.</u>	Electrochemical behavior of Anthraquinone in Reverse Micelles and Microemulsions of Cetyltrimethylammonium Bromide	<i>J. Solution Chem.</i> 2012 , 41, 41, 447-457	Springer	1.273
34.	<u>Susan, M.A.B.H.</u> , Saha, S., Ahmed, S., Begum, F., Rahman, M.M., Mollah, M.Y.A.	Electrodeposition of Cobalt from a Hydrophilic Ionic Liquid at Ambient Condition	<i>Mater. Res. Innovations</i> , 2012 , 16, 345-349	Taylor & Francis	1.140
35.	Akhtar, U. S., Miran, M. S., <u>Susan, M.A.B.H.</u> , Mollah, M.Y.A., Rahman, M.M.	Preparation and Characterization of Polyaniline-Silica Composite Materials	<i>Bangladesh J. Sci. Ind. Res.</i> 2012 , 47, 249-256	Bangladesh Council for Scientific and Industrial Research	
36.	Hossain, S., Fatema, U. K., Mollah, M.Y.A., Rahman, M.M., <u>Susan, M.A.B.H.</u>	Microemulsions as Nanoreactors for Preparation of Nanoparticles with Antibacterial Activity	<i>J. Bangladesh Chem. Soc.</i> , 2012 , 25, 71-79	Bangladesh Chemical Society	
37.	Ahmed, K., Auni, A., Ara, G., Rahman, M.M., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Solvatochromic and Fluorescence Spectroscopic Studies on Polarity of Ionic Liquid and Ionic Liquid-Based Binary Systems	<i>J. Bangladesh Chem. Soc.</i> , 2012 , 25(2), 146-158	Bangladesh Chemical society	
38.	Miran, M. S., Yasuda, T., <u>Susan, M.A.B.H.</u> , Dokko, K., Watanabe, M.	Electrochemical Properties of Protic Ionic Liquids: Correlation between Open Circuit Potential for H ₂ /O ₂ Cells under Non-humidified Conditions and ΔpK_a	<i>RSC. Adv.</i> 2013 , 3, 4141-4144	Royal Society of Chemistry	3.049
39.	Islam, M. S., Miran, M. S., Mollah, M.Y.A., Rahman, M.M., <u>Susan, M.A.B.H.</u>	Polyaniline-Silica Composite Materials: Influence of Silica Content on the Thermal and Thermodynamic Properties	<i>J. Nanostructured Polym. Nanocomposites</i> , 2013 , 9, 83-89	Adcotec Ltd.	0.330
40.	Mredha, T. I., Roy, C. K., Mollah, M.Y.A. M., <u>Susan, M.A.B.H.</u>	An Electrochemical Approach to Study Water-D(-) Fructose Interactions	<i>Electrochim. Acta</i> , 2013 , 97, 231-237	Elsevier	6.215
41.	Afrin, T. Karabi, S. N., Rahman, M.M., Mollah, M.Y.A. M., <u>Susan, M.A.B.H.</u>	Water Structure Modification by Sugars and Its Consequence on Micellization Behavior of Cetyltrimethylammonium Bromide in Aqueous Solution	<i>J. Solution Chem.</i> , 2013 , 42, 1488-1499	Springer	1.273
42.	Rahman, M.M., Rahman, M.M., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Cyclic Voltammetric Behavior of Malachite Green Ionic Surfactants, ISRN Electrochemistry	ISRN Electrochemistry, 2013 , Article ID 839498, 10 pages	Hindawi Publishing Corporation	
43.	Ahmed, P., Miran, M. S., <u>Susan, M.A.B.H.</u> , Mollah, M.Y.A.	Growth Process of Zinc Oxide Nanoparticles in Presence of Reverse Micelles of Anionic and Cationic Surfactants	<i>J. Bangladesh Chem. Soc.</i> 2013 , 26, 20-29	Bangladesh Chemical Society	
44.	Sultana, S., Saha, S., Islam, M.M., Rahman, M.M., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Electrodeposition of Nickel from Reverse Micellar Solutions of Cetyltrimethylammonium Bromide	<i>J. Electrochem. Soc.</i> , 2013 , 160 (11), D524-D529	The Electrochemical Society	3.721
45.	Saha, S., Sultana, S., Islam, M.M., Rahman, M.M., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Electrodeposition of Cobalt with Tunable Morphology from Reverse Micellar Solution	<i>Ionics</i> 2014 , 20, 1175-1181	Springer	2.394
46.	Keya, J. J., Islam, M.M., Rahman, M.M., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Effect of a Water Structure Modifier on the Aqueous Electrochemistry of Supramolecular Systems: Redox-Active Versus Conventional Surfactants	<i>J. Electroanal. Chem.</i> , 2014 , 712, 161-166	Elsevier	3.807

47.	Thool, G. S., Singh, A. K., Singh, R. S., Gupta, A., <u>Susan, M.A.B.H.</u>	Facile Synthesis of Flat Crystal ZnO Thin Films by Solution Growth Method: A Micro-Structural Investigation	<i>J. Saudi Chem. Soc.</i> , 2014 , 18, 712-721	Elsevier	3,517
48.	Satter, S. S., Hoque, M., Rahman, M.M., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	An Approach Towards Synthesis and Characterization of ZnO@AgCore@shell Nanoparticles in Water-in-Oil Microemulsion	<i>RSC. Adv.</i> , 2014 , 4, 20612-20615	Royal Society of Chemistry	3.049
49.	Farhana, T. I., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u> , Islam, M.M.	Catalytic Degradation of an Organic Dye through Electroreduction of Dioxygen in Aqueous Solution	<i>Electrochim. Acta</i> , 2014 , 139, 244–249	Elsevier	6.215
50.	Afrin, T. Mafy, N. N., Rahman, M.M., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Temperature Perturbed Water Structure Modification by D(-)-Fructose at Different Concentrations	<i>RSC. Adv.</i> , 2014 , 4 (92), 50906 – 50913	Royal Society of Chemistry	3.049
51.	Miran, M. S., Yasuda, T., <u>Susan, M.A.B.H.</u> , Dokko, K., Watanabe, M.	Binary Protic Ionic Liquid Mixtures as Proton Conductor: High Fuel Cell Reaction Activity and Facile Proton Transport	<i>J. Phys. Chem. C</i> , 2014 , 118 (48), pp 27631–2763	American Chemical Society	4.189
52.	Hossain, M. S., Miran, M. S., Rokonzaman, M., <u>Susan, M.A.B.H.</u> , Mollah, M.Y.A., Rahman, M.M.	Synthesis of Nickel Nanoparticles Using Poly(vinyl alcohol) as a Capping Agent	<i>Bangladesh J. Sci. Ind. Res.</i> , 2014 , 40(2), 197-205	Bangladesh Council for Scientific and Industrial Research	
53.	Arzuman, L., Karobi, S.N, Islam, M. J., Ara, G. Mollah, M.Y.A., Rahman, M. M, <u>Susan, M.A.B.H.</u>	Effect of Urea on the Kinetics of the Alkaline Hydrolysis of Crystal Violet Catalyzed by Aqueous Micellar Solutions of Cetyltrimethylammonium Bromide	<i>Synth. Reactivity Inorg. Metal-Org. Nano-Metal Chem.</i> , 2015 , 45, 764-769	Taylor & Francis	0.493
54.	Deo, S. R., Singh A. K., Deshmukh, L. <u>Susan, M. A. B. H.</u> , Singh, N. P.	Metal Chalcogenide Nanocrystalline Thin Solid Films Prepared by Chemical Bath Deposition Technique	<i>J. Electron. Mater.</i> , 2015 , 44, 4098	Springer	1.774
55.	Hassan, F., Miran, M. S., Simol, H. A., Shohel, M., <u>Susan, M.A.B.H.</u> , Mollah, M.Y.A.	Synthesis of ZnO nanoparticles by a hybrid electrochemical-thermal method: influence of calcination temperature	<i>Bangladesh J. Sci. Ind. Res.</i> , 2015 , 50(1), 21-28	Bangladesh Council for Scientific and Industrial Research	
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131.	Singh, N.B., <u>Susan, M.A.B.H.</u>	Polymer nanocomposites for water treatments	Polymer-based Nanocomposites for Energy and Environmental Applications, Editors: Mohammad Jawaaid, Mohammad Mansoob Khan, Woodhead Publishing, Elsevier, 2018 , pp. 569-595.
132.	Ahmed, S., Mollah, M.Y.A., Rahman, M.M., <u>Susan, M.A.B.H.</u>	Mesoporous Silica: The Next Generation Energy Material	Innovations in Engineered Porous Materials for Energy Generation and Storage Applications, Editors: <i>Ranjusha Rajagopalan, Avinash Balakrishnan, CRC Press, 2018</i>
133.	Jain, B., Singh, A.K., <u>Susan, M.A.B.H.</u>	The World Around Bottled Water	Bottled and Packaged Water: Woodhead Publishing, 2019, 1st Edition, Volume 4: The Science of Beverages, 39
134.	Rahman, A., Rahman, M.M., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Slow and ultraslow relaxations in molecular and ionic liquids-based unary and binary systems	Research Advances in Dynamic Light Scattering Editors: Jaison Jeevanandam et al. Nova Science Publishers, Inc. 2019, Chapter 5, pp 141-178
135.	Jain, B., Singh, S., Asthana, A., Singh, A.K., <u>Susan, M.A.B.H.</u>	Analytical Investigations in Rechargeable Batteries	Rechargeable Batteries: History, Progress, and Applications, Editors: Rajender Boddula et al. John Wiley & Sons, 2020, Chapter 11
136.	Jain, B., Singh, A.K., <u>Susan, M.A.B.H.</u>	Tin-Based Materials for Sodium-Ion Batteries	Sodium-Ion Batteries Materials and Applications, Materials Research Forum LLC, 2020, Vol. 76, pp 135-158
137.	Jain, B., Singh, A.K., <u>Susan, M.A.B.H.</u>	Plastics and e-Waste, a Threat to Water Systems	Water Pollution and Remediation: Organic Pollutants, Springer-Nature, 2020, Chapter 4, DOI: 10.1007/978-3-030-52395-4_4
<i>Proceedings, Extended Abstracts, Bulletins and Preprints:</i>			
	<i>Authors</i>	<i>Title</i>	<i>Detail</i>
138.	Takeoka, Y., <u>Susan, M.A.B.H.</u> , Watanabe, M.,	Electrochemical Study of Dissolved States of Redox- Active Surfactants in Poly (N-isopropylacrylamide) Gel,	<i>Polym.Prep. Japan, 2000</i> , 49,785.
139.	<u>Susan, M.A.B.H.</u> , Watanabe, M.,	Study of the Electrochemical Behavior of Redox-Active Non-Ionic Surfactants	<i>Bull.Fac.Eng., YNU, Japan, 2001</i> , 50, 30
140.	<u>Susan, M.A.B.H.</u> , Noda, A., Watanabe, M	Proton Conducting Ionic Liquids as New Membrane Materials	28 th Symposium on Solid State Ionics in Japan, 2002 , 72 (In Japanese)
141.	<u>Susan, M.A.B.H.</u> , Tokuda, H, Noda, A., Watanabe, M	Development of New Materials to Realize Fast Proton Conductors under Anhydrous Condition	The 43 rd International Symposium on High-Tech Batteries, Kyushu, Japan, 2002 , 102
142.	Nakamoto, H., Matsuoka, H., Ishibashi, N., <u>Susan, M.A.B.H.</u> , Watanabe, M	The Concept of Ionic Liquid for Solid-State Anhydrous Proton Conductors	The 6 th Meeting on Materials for Chemical Batteries, Tokyo, Japan, 2004 , 17
143.	<u>Susan, M.A.B.H.</u> , Watanabe, M.,	Brønsted Acid-Base Ionic Liquids as Fuel Cell Electrolytes under Non-Humidifying Conditions	<i>Bangladesh Chemical Congress 2004, Dhaka 2006</i> , 241-248
144.	Kabir, A.M.R., <u>Susan, M.A.B.H.</u> ,	Kinetic Investigation on the Alkaline Hydrolysis of Crystal Violet in the Presence of Sodium dodecylbenzenesulfonate	<i>Bangladesh Chemical Congress 2004, Dhaka 2006</i> , 241-248

145.	<u>Susan, M.A.B.H.</u> , Noda, A., Watanabe, M.	Acid-Base Ionic Liquids Based on Imidazole and Pyrazole as Proton Conducting Non-Aqueous Electrolytes in <i>Molten Salts XIV</i>	Eds.Trulove, P.C.et al. <i>Electrochem. Soc. Proceeding Series</i> , Pennington, NJ, 2007 , 2004-24, 53-63
146.	<u>Susan, M.A.B.H.</u> , Hossain, S., Fatema, U. K., Mollah, M.Y.A., Rahman, M. M	Microemulsions as Nanoreactors for Preparation of Nanoparticles with Antibacterial Activity	International Conference on Chemical Engineering 2011 (ICChE2011), 29-30 December, Dhaka, Bangladesh, pp 229-233
147.	Miran, M.S., Kinoshita, H., Yasuda, T., <u>Susan, M.A.B.H.</u> , Watanabe, M	Physicochemical properties of new protic ionic liquids based on an organic super-strong base, 1,8-diazabicyclo[5,4,0]-undec-7-ene, with various Brønsted acids	1 st Japanese ILs Symposium, 2011 , 83-84
148.	Miran, M.S., Kinoshita, H., Yasuda, T., <u>Susan, M.A.B.H.</u> , Dokko, K., Watanabe, M.,	Electrochemical Behaviors of Protic Ionic Liquids: Correlation between Physicochemical Properties and ΔpK_a	2 nd Japanese ILs Sym., 2011 , 58-59
149.	Miran, M. S., Yasuda, T., <u>Susan, M.A.B.H.</u> , Dokko, K., Watanabe, M.	Protic Ionic Liquids Based on a Super-Strong Acid: Bulk and Electrochemical Properties	Ed., W. Reichert "Molten Salts and Ionic Liquids, 18, <i>ECS Transactions</i> , 2012 , 50(11), 285-291
150.	Miran, M.S., Kinoshita, H., Yasuda, T., <u>Susan, M.A.B.H.</u> , Dokko, K., Watanabe, M.	Protic Ionic Liquids Based on a Super-Strong Base: Correlation between Physicochemical Properties and ΔpK_a	<i>Mater Res. Soc. Symp. Proc.</i> 2012 , Vol. 1473
151.	Uddin, M.N., Sarker, D.R., Rahman, Z., Hossain, M.A., Elias, M., Mazumder, M.M. R., Islam, M.S., Choudhury, M.H.R., Rahman, M.M., <u>Susan, M.A.B.H.</u> ,Saha, D.K., Bengu, E.	Preparation, Characterization and Photocatalytic Activity of Phosphorous Doped TiO ₂ and CNT Composite Thin Film for Commercial Dye Degradation	International Conference on Climate Change Impact and Adaptation (13CIA-2013), Gazipur, Bangladesh, 2013 , 359-366
152.	<u>Susan, M.A.B.H.</u> , Islam, M.M., Miran, M. S.,Mollah, M.Y.A.	Nanotechnology for Smart Textiles	<i>Textile Research Conference</i> , 2014 , 44-46
153.	Islam, M.M., <u>Susan, M.A.B.H.</u> , Mollah, M.Y.A.	Electrochemical Treatment of Wastewater Containing Organic Dyes	Textile Research Conference, 2014 , 33-35
154.	Miran, M.S., Manjum, M., Islam, M.M., Nixon, A.S.M.H.R., Mollah, M.Y.A., <u>Susan, M.A.B.H.</u>	Micelle Assisted Dyeing of Cotton with Reactive Dyes	<i>Textile Research Conference</i> , 2015 , 8-10
155.	Islam, M.M., Nixon, A.S.M.H.R., <u>Susan, M.A.B.H.</u> , Mollah, M.Y.A.	Electrochemical Approach for Treatment of Textile Effluents	<i>Textile Research Conference</i> , 2015 , 18-20

Research Grants:

1. Project Director of Six Projects till to-date of the Bose Centre for Advanced Study and Research in Natural Sciences, Dhaka University, Dhaka-1000, Bangladesh.
2. Project Director, Tuning Brønsted Acid-Base Ionic Liquids for Fuel Cell Electrolytes, 2006-2007, Renewable Energy Research Centre, University of Dhaka, Dhaka-1000, Bangladesh.
3. Project Director of Two Projects of the Semiconductor Technology Research Centre, University of Dhaka, Dhaka-1000, Bangladesh.
3. Associate Investigator-1, Project on Electrodeposition of Metals in Non-chloroaluminate Ionic Liquids and their Characterization, Financed by Ministry of Science and Information and Communication Technology for the Year 2008-09.
4. Co-ordinator and Laboratory Manager of the Sub-Project on *Development of Novel, Functional and Smart Materials for Technological Applications* under the Higher Quality Enhancement Project of the University Grants Commission of Bangladesh, financed by World Bank and Government of Bangladesh from January, 2011- December, 2013.
5. Project Director of **six projects** supported by the University Grants Commission of Bangladesh in the Year 2008-2009 and 2009-2010, 2013-14, 2015-16, 2017-2018, 2019-2020 and **four projects** under special allocation for DU in the year 2011-12, 2013-14 and 2015-16, 2017-2018.
6. Project Director (Principle Investigator), Project on Synthesis and Characterization of Nanoparticles of Different Metals and their Polymer Composites for Biomedical Application, Financed by Ministry of Science and Information and Communication Technology for the Year 2011-12.
7. Principle Investigator of two Projects and Associate Investigator of two Projects of the Centre for Advanced Research in Sciences, Dhaka University, Dhaka-1000, Bangladesh
8. Associate Investigator-1, Catalytic Reduction of Molecular Oxygen at Nanocomposite Materials Modified Electrodes for Fuel Cell Applications, Financed by Ministry of Science and Technology for the Year 2012-13.
9. Principal Investigator, Electrodeposition of Nanocrystalline Metals and Their Alloys with Tunable Morphology from Reverse Micellar Solutions and Ionic Liquids, supported by TWAS, The Academy of Sciences for the Developing World, upto 18 months from 10 September, 2012.
10. Principal Investigator, Ionic Liquids and Their Binary System as Green Solvent for Sustainable Environment, Financed by Ministry of Education for the years 2012/13-2014/15.
11. Project Director (Principal Investigator), Ionic Liquid-based Microemulsions as Environmentally Benign Media and Efficient Catalysts, Financed by Ministry of Science and Technology for the Year 2013-14.
12. Grant of the Electrochemical Society for Scientific Presentation in the 14th International Symposium on Molten Salts, Honolulu, Hawaii, USA, 2004.
13. OPCW Grant for Scientific Presentation in Polychar 20 in Dubrovnik, Croatia, 2012.
14. COMSTECH Grant for Research Presentation as a Plenary Speaker in International Conference on Advanced Materials, (ICAM 2013) in Kerala, India, 2013.
15. Grant from Royal Society of Chemistry to participate as a Distinguished Delegate in the Commonwealth Science Conference, 2014 in Bengaluru (25-28 November, 2014).
15. Project Director (Principal Investigator), Synthesis of Metal@Metal Core@Shell Plasmonic Nanoparticles in Microemulsions for Optoelectronics and Biomedical Applications, Financed by Ministry of Science and Technology for the Years 2015-16, 2016-17.
16. Associate Investigator, Development of Cost Effective Strategy for Novel Organic Synthesis using Ionic Liquid-Water Binary Systems, Financed by Ministry of Science and Technology (MoST) for 2014-15.

17. Principal Investigator, Supramolecular Interactions of Amides, Carbohydrates and Ionic Liquids with Water for Molecular Switchable Devices, Financed by Ministry of Education (MoE) for 2016-19.

18. Team Leader, Sakura Science Visit supported by Japan Science and Technology in 2019.

Award/ Recognition of Scientific Research:

- (i) The novelty and scientific interest of research work (Chem.Commun.2003,938-939) has been recognized by the Chemical and Engineering News of the *American Chemical Society*. The work was the top news in the Science and Technology Concentrates of the scientific magazine, which published the extract as an Article on 21 April **2003**.
- (ii) Nominated for FACS (Federation of Asian Chemical Society) Distinguished Young Chemists Award by Bangladesh Chemical Society in the Year **2005**.
- (iii) Nominated for Islamic Educational, Scientific and Cultural Organization (ISESCO) Prizes for Science and Technology-**2010** by Bangladesh National Commission for UNESCO.
- (iv) Dean's Award for Best Research Publication in the Associate Professor-Professor category, Faculty of Science, University of Dhaka in **2011**
- (v) UGC Award in Physical Sciences in the Year **2011**, University Grants Commission of Bangladesh
- (vi) UGC Award in Chemical, Biological and Environmental Sciences in the Year 2013, University Grants Commission of Bangladesh
- (vii) United Group Paper Award 2016 by United Group, Bangladesh for publication of the research article, *J. Electrochem. Soc.*, **2013**, 160 (11), D524-D529.
- (viii) United Group Paper Award 2016 United Group, Bangladesh for publication of the research article, *Electrochim. Acta*, **2013**, 97, 231-237.
- (ix) United Group Paper Award 2017 by United Group, Bangladesh for publication of the research article, *RSC Advances*, 2014, 4 (92), 50906-50913.
- (x) United Group Paper Award 2017 by United Group, Bangladesh for publication of the research article, *Journal of Electroanalytical Chemistry*, 2014, 712, 161-166.
- (xi) United Group Paper Award 2017 by United Group, Bangladesh for publication of the research article, *RSC Advance*, 2014, 4 (39), 20612-20615.
- (xii) United Group Paper Award 2017 by United Group, Bangladesh for publication of the research article, *Electrochimica Acta*, 2014, 139, 244-249.
- (xiii) United Group Paper Award 2017 by United Group, Bangladesh for publication of the research article, *Journal of Saudi Chemical Society*, 2014, 18 (5), 712-721.
- (xiv) Silver Medal of the Society of Promotion of Education and Science, India, 2019

Scholarship/Fellowship:

1. Primary School Scholarship of the Mujibur Rahman Trust (Exam.1980)-1st position, **1981-83**
2. Junior High School Scholarship-Talent Pool in the 1st Grade (Exam.1983), **1984-1986**
3. Award for the Successful Completion of the Competition of Reading Books for XI students by Biswya Sahitya Kendro, Dhaka, Bangladesh, **1985**
4. S.S.C. Scholarship of the Board of Secondary and Higher School Certificate, **1986-1988**
5. Fuller Memorial Trust Scholarship, **1988-1991**
6. Shahidullah Hall Scholarship, **1988-1989**
7. Kudrat-E-Khuda Foundation Scholarship, **1988-1989**
8. Dhaka University Scholarship for Brilliant Results in Year Finals, **1989-1991**
9. Dhaka University Scholarship for Brilliant Results in B.Sc. Honors, **1991-1992**
10. Scholarship of the Ministry of Education, Science, Sports and Culture, Japan, October **1996**- March **2000**
11. Post-doctoral Research Fellowship of the Venture Business Laboratory, Yokohama National University, Japan, 01 July **2001**- 28 November **2002**.

12. Post-doctoral Fellowship of the Japan Society of Promotion of Science (JSPS), 29 November **2002**- 28 November**2004**.
13. Visiting Research Fellowship of **Core Research for Evolutionary Science and Technology (CREST)** of Japan Science and Technology Agency (JST) in the Department of Chemistry and Biotechnology, Yokohama National University, Japan, 01 June**2007**- 27 August **2007**.
14. Bridge Fellowship of the Japan Society of Promotion of Science (JSPS), 15 November **2010**- 29 December **2010**.
15. Visiting Professor, Visiting Professor, Yokohama National University, Nagoya University, Hokkaido University and Keio University, Japan, October **2013**.
16. Visiting Professor, Innovative Flex Course for Frontier Organic Material Systems (iFront) funded by the Japan Society for the Promotion of Science, Yamagata University, Japan, December **2014**.

Organizational Activity:

1. National Representative, Physical and Biophysical Chemistry Division of International Union of Pure and Applied Chemistry (IUPAC) for the Years **2014-2017**.
2. Joint Secretary, Executive Committee, Bangladesh Chemical Society, Bangladesh for **2011-2015**.
3. Executive, Management Committee, Institute of Chemists and Chemical Technologists, Bangladesh **2009-2010**.
4. Convener of the Publication Committee and Co-convener of the Scientific Committee, Bangladesh Chemical Congress **2012** Organized by Bangladesh Chemical Society.
3. Joint Secretary of the Organizing Committee, Bangladesh Chemical Congress **2008** Organized by Bangladesh Chemical Society and also worked as an active member of the Scientific Committee.
4. Member of the Organizing Committee, Bangladesh Chemical Congress**2006** Organized by Bangladesh Chemical Society and also worked as an active member of the Scientific Committee.
5. Member of the Organizing Committee, Bangladesh Chemical Congress **2004** Organized by Bangladesh Chemical Society and also worked as an active member of the Scientific Committee.
6. Member of the Organizing Committee, The 8th IUMRS International Conference on Advanced Materials (Yokohama, Japan, October 8-13, 2003). Organized by Bangladesh Chemical Society and also worked as an active member of the Scientific Committee.
7. Member of the Organizing Committee of the First National Conference of Bangladesh Crystallographic Association, BCA 2013 (Dhaka University, 05 December 2013).
8. Member of the Organizing Committee of the 8th IUMRS International Conference on Advanced Materials (Yokohama, Japan, October 8-13, **2003**).
9. Member of the Organizing Committee of the International Symposium on Polymer Electrolytes, Yokohama, Japan, October 26-29, **1999**.
10. Member of the Organizing Committee of the International Conference on Materials Chemistry, Sylhet, Bangladesh, December, 6-8, 2014.
11. Organized a Good Number of Seminars and Workshops Organized by Bangladesh Chemical Society and Institute of Chemists and Chemical Technologists, Bangladesh.

12. Have been an Active Member for Organizing Bangladesh Chemistry Olympiad (1st-5th, 7th) **2007, 2008, 2009, 2010, 2011, 2016** and Convener of the 6th Chemistry Olympiad **2014**.
13. Election Commissioner, Election of the Executive Committee Members of Network of Instrument Technical personnel and User scientists of Bangladesh (NITUB), **2013-2014**.
14. Course Adviser of Chemistry, Batch 92, 2015, Teachers Training Programme, National University, Gazipur, Bangladesh
15. Organizing Committee Member, 16 Asian Chemical Congress, November **2015**. Dhaka, Bangladesh
16. Member of the Core Organizing Committee, 2nd International Bose Conference, December **2015**, Dhaka University, Bangladesh
17. Member of the Organizing Committee of the 16th Asian Chemical Congress, 16-19 March **2016**, Dhaka, Bangladesh
18. Member of the Organizing Committee of the Bangladesh Chemical Congress, 17-19 October **2018**, Dhaka, Bangladesh
19. Secretary, Organizing Committee, Seminar on the Occasion of the 125th Birth Anniversary of Sattiyendra Nath Bose, 27 January 2019, organized by Bose Centre for Advanced Research in Natural Sciences, University of Dhaka, Bangladesh
20. Partner of Hokkaido University Ambassador and Partner (HUAP) activities, Sapporo, Japan
21. Member, Sakura Science Club, Japan Science and Technology, Japan

Membership of Scientific/Professional Organizations:

1. Bangladesh Chemical Society, Life Member (Membership no-LM-983), 10/11 Eastern Plaza, Hatirpool, Sonargaon Road, Dhaka-1205.
2. Network of Instrument Technical personnel and User scientists of Bangladesh (NITUB), C/O: Department of Chemistry, University of Dhaka, Dhaka-1000, Bangladesh, *Life Member* (Membership No-M-22, February 24, **2001**).
3. The Electrochemical Society, Inc., 10 South Main Street, Pennington, NJ 08534-2896 USA, (Account No: 112492, November 1, **1999**).
4. The Society of Polymer Science, Japan, *Member* (Membership No-0306466-00, September 24, **2003**)
5. Life Member, Bangladesh JSPS Alumni Association, 26, Indira road (2nd Floor) Suvastu Chirontoni Tower, Indira Rd, Dhaka 1215, Bangladesh
6. Life Member, Japanese Universities Alumni Association in Bangladesh, 26, Indira Road (2nd Floor) Suvastu Chirontoni Tower, Indira Rd, Dhaka 1215, Bangladesh
7. Life Member (LM 842-iv), Bangladesh Association for Advancement of Science (BAAS), Dhaka, Bangladesh
8. Council Member, Renewable Energy Research Centre, University of Dhaka, Dhaka 1000, Bangladesh
9. Fellow, International Union of Pure and Applied Chemistry (IUPAC)
10. International Member, Society for Promotion of Education and Science, India
11. Life Member, Dhaka University Alumni Association
12. Vice President, Dhaka University Chemistry Alumni Association (DUCAA) since 2018.
13. Fellow of Bangladesh Academy of Sciences (BAS) since 2021.

Reviewing Experiences

As a member of Reviewer Panel, regularly reviewing articles from:

1. Journal of Physical Chemistry	18	Chemistry Letters	35	Polymer Bulletin
2. Journal of Materials Chemistry A	19	Dhaka University Journal of Science	36	Catalysis Science and Technology
3. Journal of Solution Chemistry	20	Bangladesh Journal of Scientific and Industrial Research	37	Bangladesh Journal of Scientific Research
4. Journal of Applied Electrochemistry	21	Journal of Bangladesh Chemical Society	38	Jahangirnagar University Journal of Science
5. Journal of the Taiwan Institute of Chemical Engineers	22	Physical Chemistry Chemical Physics	39	Comilla University Journal of Science
6. Journal of Colloid and Interface Science	23	Colloids and Surfaces A: Physicochemical and Engineering Aspects	40	New Journal of Chemistry
7. Research on Chemical Intermediates	24	Cryst. Engineering Communications	41	Journal of Agronomy Research
8. Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry	25	Ionic	42	Rajshahi University Journal of Science and Engineering
9. Journal of Scientific Research	26	Turkish Journal of Chemistry	43	Materials Today Proceedings
10. Atmospheric Environment	27	Journal of Iranian Chemical Society	44	Polymer-Plastics Technology and Engineering
11. Arab J. Chemistry	28	Journal of Asiatic Society of Bangladesh	45	Materials Letters
12. Chittagong University Journal of Science	29	American Chemical Science Journal	46	Scientific Report
13. Jagannath University Journal of Science	30	Journal of the Chemical Society of Pakistan	47	Bio Med Research International
14. Macromolecular Symposia	31	Langmuir	48	Journal of Polymers and the Environment
15. Journal of Ecology and Environment	32	RSC Advances		
16. Journal of Electroanalytical Chemistry	33	Soft Matter		
17. Material Research Innovation	34	Journal of Alloys and Compounds		

Editorial Experiences

1. Member, Editorial Board, News Bulletin-Published by Bangladesh Chemical Society, 10/11 Eastern Plaza, Hatirpool, Sonargaon Road, Dhaka-1205 (2013-2014).
2. Member, Editorial Board, Barishal University Journal of Science, Barishal (2016- to date)
3. Advisory Board Member, Journal of Technological Research, Sharda University, India

Countries Visited: Japan, USA (Hawaii, New Mexico, Texas), South Korea, Denmark, Sweden, Germany, Poland, India, Nepal, Croatia, Pakistan, China

Md. Abu Bin Hasan Susan

(Dr. Md Abu Bin Hasan Susan)