**CURRICULUM VITAE**

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| **MARUFUZZAMAN**  Sher-E-Bangla Fazlul Haque Hall, University of Rajshahi, Rajshahi-6205, Bangladesh.  **Cell & WhatsApp No:** +8801980130240  **Email:** marufuzzaman160@gmail.com  **Sex** Male **| Date of Birth** 01/06/1997 **| Nationality** Bangladeshi | | | |  | |
| **TEACHING INTEREST**  Basic Organic Chemistry, Basic Inorganic Chemistry, Textile Chemistry, Polymer Science, Polymer Technology, Chemistry and Technology of Textile Fibers, Textile-Wet Processing and Finishing, Environmental Science, Industrial Hazard and Waste Management, Pollution control Engineering, Physical Chemistry, Pharmaceutical Chemistry, Corrosion Engineering , Chemical Engineering, Nanomaterials, | | | | | |
| **EDUCATION** | | | | | |
| **June, 2019 – Dec, 2021** | | **Masters of Science in Applied Chemistry and Chemical Engineering (with Thesis).**  **University of Rajshahi (Rajshahi -6205, Bangladesh)**  **Result:** 3.97out of 4.00 (1st) | | | |
| **January, 2015 – May, 2019** | | **Bachelor of Science in Applied Chemistry and Chemical Engineering**  **University of Rajshahi (Rajshahi-6205, Bangladesh)**  **Result:** CGPA 3.58 out of 4.00 (4th) | | | |
| **May, 2012 – June, 2014** | | **Higher Secondary Certificate (HSC)**  Khan Saheb Kamaruddin College  **Group:** Science  **Result:** GPA 4.50 out of 5.00 | | | |
| **January, 2007- April, 2012** | | **Secondary School Certificate (SSC)**  K.G.H.F. Moukhali United Academy  **Group:** Science  **Result:** GPA 5.00 out of 5.00 | | | |
| **RESEARCH EXPERIENCE** | | | | | |
| I Have completed my MSc Thesis in the “**Polymer & Textile Research Laboratory”** at the Department of Applied Chemistry and Chemical Engineering, University of Rajshahi (Rajshahi-6205, Bangladesh.  **Thesis topic:** My thesis work is **Study on** **Nano Chitosan Coated Cotton Fibre (NCCF) for the Removal of Heavy Metal and Dyes from Industrial Effluents.**  under the supervision of **Dr. Md. Ibrahim H. Mondal** (Professor, Dept. of Applied Chemistry and Chemical Engineering, University of Rajshahi).  **Research Project: “Electronic waste management”** (February, 2018- July, 2018) It was a 2 credit project to fulfill my B.Sc degree which was supervised by Dr. Md. Anwarul Karim (Associate Professor, Dept. of Applied Chemistry & Chemical Engineering, University of Rajshahi). Submitted this project report on the Examination Committee of Dept. of Applied Chemistry & Chemical Engineering, Faculty of Engineering, University of Rajshahi**.** **BCSIR Fellowship: Now I’m acting as a research fellow, Hydrogen Energy Laboratory, BCSIR Laboratories, Chittagong-4220, Bangladesh.** | | | | | |
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| **RESEARCH FUNDING** | | | | | |
| **National Science and Technology (NST) Fellowship Award (2019-2020)** from the Ministry of Science and Technology (MOST), Bangladesh.  **Amount:** BDT 54,000 tk | | | | | |
| **CONFERENCE ATTENDED** | | | | | |
| **11-12 July, 2019**  **(2 days)** | | **(IC4ME2-2019)**, International Conference on Computer, Communication, Chemical, Materials and Electronic Engineering  **Organized By**: Faculty of Engineering, University of Rajshahi. | | | |
| **9 -10 November 2019**  **(2 days)** | | **Bangladesh Chemical Society Conference-2019**  **Organized By:** Department of Chemistry, University of Rajshahi | | | |
| **12-14March, 2020**  **(3 days)** | | **BCSIR Congress -2020**  **Organized By:** Bangladesh Council of Scientific and Industrial Research (BCSIR), Ministry of Science and Technology, Govt. of the People's Republic of Bangladesh.  During this conference gave a poster presentation among the national and international researchers. | | | |
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| **STUDIED COURSES** | | | | | |
| Elements of Chemical Reaction Engineering, Materials and Energy Balance, Fluid mechanics, Chemical Engineering, Thermodynamics, Separation Process, Chemical Reaction Engineering and Reactor Design, Physical Chemistry, Advanced Inorganic chemistry, Organic chemistry, Environmental Chemistry, Chemical technology, Instrumental Method and Analysis, Polymer Science, Fuel and Energy Engineering, Petrochemical Engineering, Pharmaceutical chemistry, Material Engineering, Pyro and Hydro Metallurgy, Corrosion Engineering, Industrial Hazard and Waste Management, Nano-science and Technology and Practical Lab with related courses. | | | | | |
| **INSTRUMENTAL SKILLS** | | | | | |
| UV Visible Spectroscopy, FTIR, AAS, HPLC, GC and so on. | | | | | |
| **TRAINING & WORKSHOPS** | | | | | |
| **December,2018 – January, 2019**  **(1 month)** | | **In-plant training on “Industrial Process, Unit Operation and Process Control Techniques” in Training Institute for Chemical Industries (TICI).**  **Courses:** Process Control, Symbols &Diagrams, Heat Exchanger, Pump, Water Treatment, Boiler, Mechanical Equipment, Compressor, Turbine, Lubrication, Sensors &Transmitters, Controllers &Control loops, Control valves, Sequential Logic Operation (SLO), Programmable logic operation (PLC), Spectrometry, Chromatography, Industrial Safety.  **Result:** A+ (4.00 on scale of 4.00) | | | |
| **EXTRACURRICULAR ACTIVITIES** | | | | | |
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| **January, 2018 – June , 2018** | | **National Basic Standard Course on “Microsoft Office and Database Programming” from Bangladesh Technical Education Board, Dhaka, Bangladesh.**  By this skill training I gathered knowledge about Microsoft Word, Excel, Access, PowerPoint, Visual Basic, and Programming.  **Result: A+** | | | |
| **Computer Skills** | | * Computer Programming: C (Basic) * Material studio software for catalyst design. * EndNote * Adobe Photoshop | | | |
| **REFERENCES** | | | | | |
| **Dr. Md. Ibrahim Hossain Mondal**  Professor  Dept. of Applied Chemistry & Chemical Engineering,  University of Rajshahi, Bangladesh.  **Cell**: +88 01914254492  **Email:** [mihmondal@yahoo.com](mailto:mihmondal@yahoo.com) | | | |  | | --- | | **Dr. Md. Ahsan Habib** | |  | | Professor | | Department of Applied Chemistry & Chemical Engineering,  University of Rajshahi, Bangladesh. | | **Cell**: +8801786939498 | | **Email:** [**drhabib61@yahoo.com**](mailto:drhabib61@yahoo.com) | |  | | | |