

**MD. SHAHJAHAN ALAM**

B. Sc. Engg. (MECHANICAL), FIEB/11322, MBA, M.Sc. in Env. Sci.  
LEED Green Associate

Chairman- Axist Triangle Group, Sajan Metal Industries Ltd.  
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**ACADEMIC RECORD**

Name of Exam./Degree	Name of Institute	Year of Passing	Major/Department/Group
Bachelor of Science in Mechanical Engineering abbreviated as B.Sc. Engg.(Mech.)	Bangladesh University of Engineering and Technology (BUET), Dhaka.	January 2001	Mechanical Engineering
M.Sc. in Environmental Science and Management.	Jahangir Nagar University, Dhaka	Oct. 2023	Green Building & Sustainability
Master of Business Administration (Executive)	University of Science and Technology, Chittagong	July 2010	HRM
Higher Secondary Certificate Examination	Jessore Cantonment College, Jessore	1993	Science
Secondary School Certificate Examination	Gokul Khali High School, Chuadanga	1991	Science

**Professional Accreditation**

Name of Organization	Membership/CRE DENTIAL No	Category	Address of Organization
The Institute of Engineers Bangladesh (IEB)	F-11322	Life Fellow	IEB Headquarters, Ramna, Dhaka 1000. <a href="http://www.iebbd.org">www.iebbd.org</a>
ECPS, RAJUK	EME, Plumbing & Fire Category Professionals	Registered Building Service Engineer	Bangladesh Professional Engineers Registration Board, IEB
U.S. GREEN BUILDING COUNCIL	11150745-GREEN-ASSOCIATE	LEED GREEN ASSOCIATE	US Green Building Council, USA. <a href="http://www.usgbc.org">www.usgbc.org</a>
Bangladesh Solar Energy Society	I	Member	Institute of Energy, Energy Park, University of Dhaka, Bangladesh, <a href="http://www.bd-solarsociety.org">http://www.bd-solarsociety.org</a>

**Professional Record**

Name Of Ref. Projects/company	Services Rendered
Rural Water Supply, Hygiene and Human Capital Development	Consultancy Services of Feasibility Study and Detail Engineering Drawing on appropriate water supply technologies in Climate Risk Hot Spots of Coastal Areas (RWSHP-SD-20) under Department of Public Health

<p>Project. Contract Package no. IDA Credit No.: 6777-BD/RWSHP- SD -20, DPHE</p>	<p>Engineering (DPHE) of Bangladesh. The Major tasks:</p> <ul style="list-style-type: none"> <li>• Analysis, Interpreting, and assessment of different electro-mechanical equipment and machinery required for the project; investigate different options for power supply</li> <li>• Pump capacity calculation and pump selection</li> <li>• Renewable Energy Source- Solar (PV) System design;</li> <li>• Net metering, Hybrid and Zero net energy concept incorporation</li> <li>• Selection of proper power saving electro mechanical equipment</li> <li>• Rainwater harvesting and filtering, storing</li> <li>• Ground water treatment through PSF, RSF and STP and its Electro Mechanical System design</li> <li>• Coordination and communication as needed for successful project implementation</li> <li>• Team work for preparation of feasibility and detailed design report</li> <li>• Submission of design calculation and report</li> </ul>
<p>Project Development Facility (PDF) Consultants" (Package No. DWSNIP/PDF/03.5) under Dhaka WASA</p>	<p>The major tasks performed here:</p> <ol style="list-style-type: none"> <li>a. Assist TL &amp; other international relevant staff in reviewing the design and drawing of mechanical components and suggest modification, changes as required.</li> <li>b. Collect and review the relevant documents, reports and data available with CWASA</li> <li>c. Assist in preparation of BOQ concerning mechanical issues</li> <li>d. Reviewing the relevant reports</li> <li>e. Explore new technology to establish Sewerage Treatment Plants in potential locations with limited land space</li> <li>f. Any other relevant duties to be required for the team.</li> </ol>
<p>Feasibility study for the implementation of Water Supply and Sanitation Schemes under Proposed Municipal Water Supply and Sanitation Project funded by the World Bank - International Development Association (IDA) and Asian Infrastructure Investment Bank (AIIB) Package SD-16, under Department of Public Health Engineering (DPHE)</p>	<p>Served as the Electro-Mechanical Engineer for the project - A feasibility study, detailed engineering design with cost estimate and bidding document for implementation of water supply and sanitation services in the selected municipalities like Bogra, Dinazpur, Mymensingh, Jashore, Jenaidah, Rangpur, and Comilla,. The consultancy services includes but not limited to the scopes like</p> <ol style="list-style-type: none"> <li>a) The Feasibility Study and report submission with assessment of existing water pumping system and its improvement proposal.</li> <li>b) The detail engineering design and drawing for the electro-mechanical system. The electro-mechanical systems mainly includes the pumps- submersible pumps of different capacity, pump control required in the specific schemes along with its energy consumption and power sources available.</li> <li>c) Submission of boq and estimate with design report, technical specifications and measurement and payment.</li> <li>d) The major tasks conducted under this project. <ul style="list-style-type: none"> <li>• Site survey, Data collection and analysis, stakeholders meeting and workshop</li> <li>• the survey and data collection, calculation and</li> <li>• analysis of the existing pumping system and its efficiency,</li> <li>• improvement plan and basic design required for detail design of</li> </ul> </li> </ol>

	<p>electro-mechanical systems for the water supply,</p> <ul style="list-style-type: none"> <li>• transmission and distribution system.</li> <li>• Electro-mechanical drawings for intake facility/production well, treatment plant, tank or reservoir, pump house, office buildings, pumping plant, networks for transmission &amp; distribution pipe lines, piping gallery etc.</li> </ul>
<p>National Disaster Risk Management Project, implementing agency of Committee of Emergency Situations and Civil Defense , Government of the Republic of Tajikistan. Funded by ADB, <b>DB Grant No. 0865-TAJ</b></p>	<p>Review and update the detail design done by the National Consultants of <b>Tajikistan</b>. The scope covers</p> <ul style="list-style-type: none"> <li>• the detail design of Heating Ventilation and Air Conditioning (HVAC) system- analysis of weather conditions, occupancy analysis, heating and cooling load calculation, detail drawing updating- plan, section, schematic, installation typical, equipment selection, BOQ preparation, technical specification preparation, detail design report (DDR) preparation and submission.</li> <li>• Water supply and Drainage System (Plumbing) along with the design of water source and storage tank, Boiler and heat plant, Preparation of technical specification and measurement and payment, detail design report, coordination and communication with other disciplines, stakeholders, site visit and problem analysis, functionality and serviceability analysis, design calculation and reporting etc. as an international Mechanical Engineering Consultant.</li> <li>• Team follow up, work progress analysis, work schedule, reporting, presentation and coordination, BID documents compiling and final submission.</li> <li>• The analytical tasks as assigned by the Team Leader.</li> </ul>
<p>Dhaka Mass Transit Company Ltd. (DMTCL) Line5 (Northern Route) Funded by JAICA.</p> <p>Ref: Engaged by MFCA through Nippon Koei Bangladesh</p> <p>2. Ferdinand M. Alarcon A-63 Building Mechanical Expert</p> <p>Oriental Consulting Global Co. Ltd</p>	<p>Consulting Services for Detailed Design, Tender Assistance and Construction Supervision for Dhaka Mass Rapid Transit Development Project (Line 5): Northern Route</p> <ol style="list-style-type: none"> <li>1. <b>Basic Design, Detail design</b> with design report &amp; calculation, drawing and boq, technical specification, Measurement, and payment etc.</li> <li>2. <b>HVAC Design-</b> cooling load calculation based on solar radiation and heat transfer, latent &amp; Sensible heat calculation; system design, piping network, Indoor/Outdoor design, and selection, technical specification, tender documents preparation, drawing and installation note, model preparation.</li> <li>3. <b>Mechanical Ventilation-</b> Air flow calculation, Design of mixed mode ventilation, duct design, louver design, fan/blower selection for ASS/TSS room, pump room, genset room; axial/exhaust fan selection.</li> <li>4. <b>Natural ventilation-</b> Air flow calculation, ACH consideration, opening area design calculation for platform area, paid-unpaid area.</li> </ol>

	<ol style="list-style-type: none"> <li>5. <b>Fire Protection System Design-</b> hazard analysis, water-based hydrant system, sprinkler system, pump design and selection, pump and pump room design, Schematic Diagram, Means of Egress Coordination with other teams as per applicable Code and standard.</li> <li>6. <b>Clean Gas Suppression System-</b> design of Clean Agent (IG100) suppression system for TEL, IT, Signaling room- calculation and design, drawing, Bill of Quantities, Technical specification, Tender documents, BOQ.</li> <li>7. <b>Water quality analysis-</b> collection of underground water, test and analysis the result.</li> <li>8. <b>Water Supply and Drainage System-</b> Water demand calculation and Borewell design, Water Tank design, Domestic Water Quality and RO plant design, soil water and gray water drainage- catch basin, invert level of drainage, manhole design, inspection pit design, lift escalator pit drainage, condensate drainage, grease trap and water heater, technical specification, Tender documents, BOQ.</li> <li>9. <b>Design of Septic tank, Soak well, Zero Sludge STP-</b> Calculation and Design and calculation as per BNBC/IPC, Schematic Diagram, Septic tank and STP design calculation, piping network, BoQ, Technical Specification and Tender documents preparation.</li> <li>10. <b>Rainwater harvesting-</b> Rainfall calculation and Collection from roof, gutter and downpipe design, sloping as per Code and standard.</li> <li>11. <b>Lift and Escalator-</b> capacity analysis, speed, installation, general design note, BMS integration, operation manual and condition,</li> <li>12. <b>Genset</b> – Load calculation and genset selection, its ventilation system design, cooling system, fuel system, fuel tank design, technical specification, tender documents, operation and maintenance guidelines</li> </ol>
<p>Rooppur Nuclear Power Plant (RNPP), Ishwardi, Pabna, Bangladesh. RNPP-Lot 2900 &amp; 800 Paharpur Cooling Towers Limited</p>	<p>Mechanical Consultant to for turbine pump installation program. Multistage turbine pump 800 m3/hr at 10 bar rated capacity each at RNPP- the 1st Nuclear Power Plant Project in Bangladesh. The services were rendered in association with Parharpur Cooling Tower Company. Here my services were included but not limited to:</p> <ol style="list-style-type: none"> <li>a) Drawing, design and documents review</li> <li>b) Stakeholders meeting</li> <li>c) Scope of work and work procedure finalization</li> <li>d) Foundation base construction supervision, base level checking</li> <li>e) Pump installation supervision</li> <li>f) Measurement and data collection- the base flange level confirmation, shaft alignment checking, deflection checking</li> <li>g) Deviation checking and correction</li> <li>h) Final report submission</li> </ol>

<p>Rotex Bangladesh Ltd.</p> <p>A Garments Accessories Manufacturer in Bangladesh. New Green Project with land area of 15 acres.</p> <p>Ref: Mr. Rokonzaman Managing Director Mobile no. +88-01713067723</p>	<p>Design Team Leader - LEED and Industrial Mechanical Expert</p> <ol style="list-style-type: none"> <li>1. <b>Green Project Design-</b> Sustainability, location and transportation system, Water Efficiency, Energy Efficiency, Renewable energy analysis and design, IAQ analysis and design, Material and Resources, Green Economy. Coordination and workshop with other stakeholders, documentation, calculation and submittal.</li> <li>2. <b>Environmental Study-</b> Impact analysis and assessment, EIA report, review of report and remedial management, impact reduction plan, and submission at DoE for approval. Climate change issues addressing through industrial ecology, reduction of building footprint, waste reduction and management, green purchase, system approach, triple bottom line, water grounding, renewable energy, and sustainable development etc.</li> <li>3. <b>Water Management-</b> water supply and drainage system, pot water-gray water, black water management, hydroelectric power design from drainage, water metering, water reservoir design, pump and piping design, irrigation plan, rainwater management and harvesting, ETP design and calculation,</li> <li>4. <b>Energy Management Study-</b> Reduction in energy demand through design and latest technology, control mechanism, renewable energy study and design, hydro energy study and design, and synchronization with grid power source</li> <li>5. <b>Waste Management-</b> design and plan of waste steam, zero landfill study and planning, audit and steam program, reuse and recycle by C2C concept application, cogeneration.</li> <li>6. <b>MEP system Design-</b> Machine layout, its foundation design, mechanical ventilation system design, Energy consumption and control, Support design, coordination of mechanical and electrical system, superimposing of MEP System.</li> <li>7. <b>Fire Safety System Design-</b> Analysis of hazard and applicable codes; Life safety plan design; means of egress and signage design; fire detection and alarm system design drawing; fire protection system- calculation, design and drawing; fire pump design calculation of flow rate, pump head; technical specification and boq</li> </ol> <p><b>LEED certification-</b> documentation, submittal and follow up for LEED certification program</p>
<p>RAK Ceramics 4<sup>th</sup> Plant, Sreepur, Gazipur, Dhaka Engr. Mahbubul Hoque General Manager, Supply Chain Mob: +8801313443033</p>	<ol style="list-style-type: none"> <li>1. <b>Heat Recovery System-</b> duct sizing, support, insulation and coating and reuse of heat. Piping system design, installation, testing and commissioning, flashing etc.</li> <li>2. Chimney (2000mm diax15mtr SS) design and calculation, reinforcement and guying design, boq preparation, material selection</li> <li>3. Belt conveyor design and construction, platform design, cat way and railing testing and commissioning report</li> <li>4. Metal pallet design and fabrication, welding, finishing and</li> </ol>

	<p>coatings.</p> <p>5. Diesel fuel storage tank of 25000 ltr design, calculation; plan and section detail, shop drawing, fabrication with welding, surface preparation by sand blasting and coating</p>
<p>Golden Knit Composite Ltd. RMG, Mowna, Sreepur, Gazipur Mr. Noor Islam Managing Director Mobile: +8801711544972</p>	<p>Green Building &amp; MEP Consultant</p> <ol style="list-style-type: none"> <li>1. Designing Of the project- a green building project</li> <li>2. Registration and documentation for LEED Gold Certification.</li> <li>3. Analysis the energy requirement – electricity, water, gas, air, steam</li> <li>4. Energy simulation, optimization</li> <li>5. Energy metering system</li> <li>6. PV (Photovoltaic) cell system design, installation and commissioning</li> <li>7. Designing of pumps, steam boiler and compressed air plant. Heat recovery from condensate, exhaust and application of insulation design approach.</li> <li>8. Indoor Air Quality Enhancement program- design of ventilation system, air quality and volume analysis and calculation, fan selection, louver design</li> <li>9. Energy auditing</li> </ol> <p>Fire Pump design- 1250 GPM diesel, electrical and Jockey pump</p>
<p>Meghna Innova Rubber Industries Ltd. Gorai, Mirzapur, Tangail. Mr. Luthful Bari Operation Director Mob: 8801819224164</p>	<p>Design and drawing of fire fighting system with the following deliverable:</p> <ol style="list-style-type: none"> <li>1. Fire Safety Plan</li> <li>2. Design and drawing of Fire hydrant system</li> <li>3. Design of fire pump, calculation and selection, hydraulic calculation, pipe and pipe support, test &amp; Commissioning</li> <li>4. Designing Energy System- electrical, Steam, Gas generator</li> <li>5. Designing the cogeneration system- genset exhaust to heat boiler feed water</li> <li>6. Design of Insulation in Steam and Condensate line to minimize heat loss</li> </ol>
<p>Comfit Composite Ltd., 9 storied Industrial building, Tangail. Engr. Hafizur Rahman Executive Director, Youth Group Mob: +8801713014427</p>	<p>Designing Of MEP of the project- a green building project</p> <ol style="list-style-type: none"> <li>1. Analysis the energy requirement – electricity, water, gas, air, steam</li> <li>2. Energy metering system</li> <li>3. PV (Photovoltaic) cell system design, installation and commissioning</li> <li>4. Designing of pumps, steam and condensate management</li> <li>5. Indoor Air Quality Enhancement program</li> <li>6. Cogeneration system</li> </ol>
<p>Midland Power Company Ltd. Engr. Hafizur Rahman Executive Director, Youth Group Mob: +8801713014427</p>	<p>EPC contractor at 56 MW Power Plant in Aushuganj. Design of working drawing of Electro- Mechanical system.</p> <ol style="list-style-type: none"> <li>1. Water, Oil pump of different sizes</li> <li>2. Installation supervision</li> <li>3. Testing &amp; commissioning</li> </ol>
<p>Beximco Pharmaceuticals, Tongi, Engr. Mohammad Ali</p>	<p>EPC contractor and design of Utility Lines and implementation with supply of materials, testing and commissioning</p> <ol style="list-style-type: none"> <li>1. Gas pipeline works at Multipurpose building- O2, CO2, Argon line</li> </ol>

Project Director	<p>with SS 316L as per API code</p> <ol style="list-style-type: none"> <li>2. Testing &amp; commissioning- hydro test, flashing, purging</li> <li>3. Report and documentation</li> </ol>
<p>Unilever Bangladesh Ltd. Engr. Rashedul Aman Plant Manager Mob: +8801914886487</p>	<p>Working drawing development and execution of the construction of the following at the Unilever project at Tongi, Gazipur.</p> <ol style="list-style-type: none"> <li>1. Fluid Transfer system – storage tank, pump, piping and control system</li> <li>2. Automation- integration of electromechanical systems</li> <li>3. Material Storage and handling- conveyor, Bucket elevator, S - conveyor design and installation</li> <li>4. Fire Fighting System, life safety, OHS</li> </ol>
<p>Mainland Sewing Headwear Mfg. Ltd. Anika Industrial Garden, Bagbari, Kashimpur. Prof. Dr. Zahangir Consultant Mob: +8801781774411</p>	<p>Designing Of Fire Safety and fighting system as the 10 storied industrial Building</p> <p>Design and drawing of</p> <ol style="list-style-type: none"> <li>1. Fire Safety Plan for Fire Service Civil Defense and factory compliance</li> <li>2. Design of Combined sprinkler and standpipe system</li> <li>3. Fire pump design, 1000 GPM pump set- Diesel Engine driven, Electrical Motor driven and Jockey pump</li> <li>4. Fire pump room and water reservoir design</li> <li>5. Hydraulic calculation and analysis of pump, piping system</li> <li>6. BoQ and estimate, technical specificaiton and tender documents.</li> </ol>
<p>Cotton Zone Knit Ltd. RMG, Belma, Savar, Dhaka Engr. Kholilur Rahman Consultant, Cotton Zone Mob: +8801714980336</p>	<ol style="list-style-type: none"> <li>1. Designing Of Ventilation System as per ASHRAE</li> <li>2. Designing Of Fire Protection And Detection System as per BNBC/NFPA</li> <li>3. Pump selection- Fire pump, water pump, feed water pump, diesel pump</li> <li>4. Designing Of Mechanical System- Steam Engineering, Power Generation, Compressed Air Etc.</li> <li>5. Solar PV system design</li> </ol>
<p>Nemrak Design Ltd. Nemrak Design. BSCIC, Narayonganj. Mr. Tawhid Managing Director Mob: +01673912111</p>	<p>Design of Ventilation, Genset, Fire Safety</p> <ol style="list-style-type: none"> <li>1. Protection System Design as per NFPA</li> <li>2. Detection and Alarm System as per NFPA</li> <li>3. Evacuation plan as per BNBC</li> <li>4. Solar panel design and installation</li> </ol>
<p>Western Marine Shipyard Ltd. Engr. Shakhawat Hossain Managing Director Mob: +8801711823705</p>	<p>Design of shipbuilding, different sections- fabrication yard, machine shop, utility building, CNC and shotblasting shop, warehouse and material yard.</p> <ol style="list-style-type: none"> <li>1. Material yard and logistic management and wire house management</li> <li>2. Material tracking and documentation certification</li> <li>3. Fabrication and erection of Hull structure of Grona shipping, Stella Shipping</li> <li>4. Welding Test- NDT, Xray</li> <li>5. Machine shop management- lathe, bending and sharing machine (CNC and Plasma)</li> </ol>

	<ol style="list-style-type: none"> <li>6. Blasting shop- sand blasting and shot blasting, coating</li> <li>7. Logistic Management- Overhead crane, gantry crane, mobile crane, mover, jack etc.</li> </ol> <p>Engine installation- alignment</p>
<p>Keari Ltd. Prof. Dr. Fakhrul Isalm Director, Keari Ltd. Mob:</p>	<ol style="list-style-type: none"> <li>1. Design and construction of Passenger vessel Keari Sindbad under GL</li> <li>2. 9 storied commercial cum residential building- design, construction supervision and handover at Chittagong</li> <li>3. Solar system, design, installation</li> </ol>
<p>BGB, Shimanto Tower- 22 storied Commercial building at Dhaka Engr. Mostafa Technical Director Mob: +8801738145677</p>	<p>Fire Fighting system design and calculation as per code and standard:</p> <ul style="list-style-type: none"> <li>• Fire Fighting System – hydrant and sprinkler System design, calculation, drawing, BOQ and technical specification</li> <li>• Ventilation System Design as per ASHRAE</li> <li>• Solar system</li> </ul>
<p>Suvastu Properties Ltd. Suvastu Muskan Tower- 29 storied Commercial Building with 5 basements at Gulshan, Dhaka. Arch Polash Managing Director Mob: +8801711595244</p>	<ol style="list-style-type: none"> <li>1. Hazard Analysis</li> <li>2. Design of Fire Fighting System- hydrant, sprinkler, pump selection calculation, pump room design, water reservoir design</li> <li>3. Piping and fittings, control and valves,</li> <li>4. Hydraulic Calculation</li> <li>5. BoQ and Tender</li> <li>6. Installation, T&amp;C</li> <li>7. Ventilation System Design as per ASHRAE</li> <li>8. Steam And Condensate System Design- pump, piping design, PV system</li> </ol>
<p>Aci Godrej Agrovet Private Limited Engr. Hannan Supply Chain Mob: 880175552195</p>	<ol style="list-style-type: none"> <li>1. Design, Fabrication And Erection Of 500 MT Molasses Storage Tank</li> <li>2. Pump selection, installation</li> <li>3. Design of Fire Fighting System, BoQ and Cost estimation</li> <li>4. Genset room ventilation- design, calculation, duct design and installation, insulation etc.</li> <li>5. Piping network design, pipe support design</li> </ol>
<p>Rooppur Nuclear Power Plant (RNPP) Mr. Mazhur Manager, Supply Chain Mob: 8801902351862</p>	<p>EPC contractor to design and implementation of piping and cable tray works with material support and test trial</p> <ol style="list-style-type: none"> <li>1. Piping System In Welding Zone</li> <li>2. Documentation</li> <li>3. Certificaiton</li> </ol>
<p>AR Auto Rice Mill BSCIC, Pabna  Akteruzzaman, Rasel General Manager Mob: 8801719931741</p>	<p>EPC contractor and execute the below job with working drawing preparation, site mobilization, manpower, erection, testing and commissioning.</p> <ol style="list-style-type: none"> <li>1. Design of Steam and Condensate management, piping dia and support design calculation, insulation and coating, pipe bridge</li> <li>2. Aspiration system design calculation</li> <li>3. Condensate return pump design</li> <li>4. Feed water pump design</li> </ol>

Name of Program	Description	Output	Skill
MS Office	MS Word, Excel, PowerPoint	With high typing speed documentation, data sheet, report preparation, presentation preparation, editing	Excellent
AutoCAD	2D for Mechanical Drawing	Layout drawing, section and elevation	Very good
Pipe Follow Software	Compressible and non-compressible Fluid Flow analysis	Hydraulic Calculation, result analysis, output of pipe and fittings detail, pump detail with energy loss, pump performance curve	Very good
Internet Browsing	Net browsing, email practice	Very good at Net browsing, email correspondence	Very good
Hardware	Computer general hardware, Printer, scanner, accessories, Projector handling	Capable to operate and use the same	Good

**COUNTRY/FACTORY VISITED**

Name of Country	Name of Factories	Purpose of Visit	Time/Duration
Turkey	Isitan, Baykal, Earmaksan at Bursa and Vogamakina at Istanbul	To observe the production process of Sharing, Bending, Profile Machine and Powder Coating Plant	March 2021
Tajikistan	Dushanbe	To review and detail design of National Disaster Risk Management Project of Tajik Govt. financed by ADB	Nov 23 to January 24
India	Gujrat, Pune, Delhi,	Cut to length machine, rack profile machine, powder coating plant	December 2020
China	Dongue Machineries Company, Liny City	To see the production of Concrete Block Production Plant	March 2019
	Cantoon Fair, Guangdong Province	To attend the international fair	March 2019
Malaysia	Nippon Lift and Escalator, Penang	To have visit and meeting with NIPPON Lift	March 2012
	Safeside Power, Shah Alam, KL	To have business meeting and plant visit for assembling of Diesel Genset	March 2012
Kingdom of Saudi Arabia	Mecca and Modina	To perform Hazz/pilgrims	2017

**TRAINING, PROFESSIONAL COURSES COMPLETED**

Name of Course Attended	Organized/Arranged by	Duration of Course/Date of Award	Conducted by
Stop Unlicensed Use of Software	Nippon Koei Bangladesh (NKB)	12 July 2021	Compliance Office at NK HQ.
Fire Safety Workshop for Graduate Engineers	Civil Engineering Dept. BUET	29-31 March 2018	Faculty of Civil Engineering Dept. BUET
ISO 14001: Environmental Management System	Civil Engineering Dept. BUET	13-14 March 18	Faculty of Civil Engineering Dept. BUET
Thermal Environment and Human Comfort	GrAce (Green Architectural Cell) BUET	18-19.02.18	Faculty of Architectural Dept. of BUET
Industrial Attachment Training	Mechanical Dept., BUET	01.09.99 to 28.09.99	Office of the Sub-Divisional Engineer (R&H), Workshop Sub Division, Tejgoan, Dhaka, Bangladesh
Metallurgical Quality of Structural Steels	Dept. of Materials and Metallurgical Engineering, BUET	28.07.2001	Faculty of Dept. of Materials and Metallurgical Engineering, BUET
Sales Management and Salesmanship in a Competitive Market	Bangladesh Institute of Management, Govt. of The People's Republic of Bangladesh	11.06.2006 to 22.06.2006	Bangladesh Institute of Management Chittagong Branch

### ARTICLES/BOOK PUBLISHED

Name of Articles/Book	Publication detail/Date	Published by	Type of Paper/Journal
36 July: Amar Dekha Shadhinata	July 2024	Axis Triangle Group	Socio -Cultural- Political Crisis
Engineering Consultant: Bangladesh in Tajikistan A Story of Hope and Achievement	December 2023	Axis Triangle Group	Engineering Book with working experience in Tajikistan
Smrity O Projukti: Matrivumir Unnoti	October 2021	Gronthik Prokashon, Dhaka	Book
Fire Dynamics & Safety Technic	January 2023	Rahbar Publication	Engineering Book
Green Building & LEED: Bangladesh Context	Date: 14.11.17	The Nayadiganta	National Daily
What Type of Engineers the country wants	Date: 12.10.13 Page: 7	The Nayadiganta	National Daily

Prospect of Shipbuilding in Bangladesh	Engineers Convention 2011	The Forum of Engineering & Architects, Bangladesh	Technical Journal
Prospect of Mechanical Engineering in Bangladesh	Date: 23.06.13 Page: Projonmo	The Ittefaq	National Daily
The Price of Agricultural Goods & the picture of Rural Eid	Date: 30.08.13 Page: 7	The Nayadiganta	National Daily

**PERSONAL INFORMATION**

Father's Name: Md. Shohidul Islam

Mother's Name: Zohura Khatun

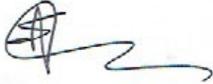
Present Address: House 28, Road 9, Sector 11, Uttara, Dhaka

Permanent Address: Village- Ruithonpur, P/S- Alamdanga, Dist- Chuadanga, Bangladesh

Date of Birth: 25 December 1975

NID No: 1591904905737

Blood Group: B+



**(Md. Shahjahan Alam)**

Date: 18 December 2025