

Chief Engineer,
Electronic Control Lab,
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MD.ZIAUL HAQUE

PROFILE **Professional, highly qualified Electrical & Instrument Engineer with excellent organisational and team working skills and obtain a secured job in a reputed organization with a wide range of responsibilities that will lead to develop my professional career as Electrical Engineer or Instrument Engineer.**

EDUCATION **1984 – 1988**
Rajshahi University of Engineering & Technology
Bachelor of Electrical & Electronics Engineering
Result: 1st Class (5th in order of merit)

Final Year Major Subjects:
Applied Digital Electronics, Power Station, Digital Signal Processing, Electrical Power Systems, Microprocessor & Microcontroller Embayed Instrument Design, Telecommunications, Microwave Communication, Automation & Control Engineering

1982 – 1984
Higher Secondary School Certificate (HSC)
Result: 1st Class
Subject: Science

1980–1982
Secondary School Certificate (SSC)
Result: 1st Class
Subject: Science

Training **2005-2006**

IT Human Resources Development program for southwest Asian countries

Training Organization : Japan international Cooperation agency (**JICA**)
Training Location : Hokkaido, Japan

Publication :

1. OPTICAL SENSOR BASED MICROCONTROLLER IMPLEMENTATION FOR DC MOTOR SPEED CONTROL.

BY

Md. Ziaul Haque, Md. Raihan Jamil, Md. Ezharul Islam, Md. Shamim Kaiser,

2. PERFORMANCE EVALUATION OF A HYBRID ELECTRIC POWER SYSTEM FOR REMOTE VILLAGES OF BANGLADESH.

BY

Md. Ziaul Haque, Tahmina Rahman, Md. Raihan Jamil, Md. Ezharul Islam, Md. Shamim

SPECIALLY EXPERT:

- 1 Programming, Fault finding, sequence study and start-up in PLC(Siemens S7, Mitsubishi, AB Micro logic 500, Omron) SCADA,CC, DCS and CNC control systems.**
- 2 Solid experience in design, programming and commissioning of PLC & HMI (Siemens and LG) system for industries automation application.**
- 3 Installation, Repairing, maintenance & calibration of Variable frequency inverter Drive (Siemens, Yaskawa, ABB, Delta, Omron, Lenze), DC Drive, Transmitters, Flow meter, Recorder, Converter, Switches & Controllers.**
- 4 Troubleshooting, maintenance and commissioning of Analytical and Bio-medical Instruments.**

EMPLOYMENT HISTORY

February, 2005- Present
Chief Instrument Engineer,
International automation technologies,
Road-16, House-4, Sector-3, Uttara
Dhaka-1230. Bangladesh.
www.iatecl.com

Activity:

- 1) Practically experience in PLC and HMI systems design, programming, troubleshooting, commissioning and start-up including PLC system hardware selection, I/O panels and subsystems layout and wiring.**
- 2) Course Conducts on PLC, HMI, Frequency Inverter and Micro controller. Eng.The candidates of these courses are engineer coming from different company .**
- 3) Practically participated in start-up, trouble shooting, maintenance, repairing and calibration of different industrial, medical and analytical instruments such as profibus, CANbus Frequency Inverters, DC Converters, PLC, Boiler controller, Electronic, Electrical and pneumatic Controller, Transmitter, X-ray, ECG, GC, Color Doppler, UG, Optical Instruments, Therapy machines, Analyzer, Spectrometer, Laboratory and Resource instruments etc. These are used in Oil & Gas, Knit & composite, Printing & Packages, Beverages, Steel, Wood, Hospital and other factories.**
- 4) I am also worked as an expert engineer for Analyses, sequence study and fault finding of PLC and Computer based controller systems (CC, MC4, ESC and DCS), CNC and DNC machine**

July,1996 – January,2005

Associate Professor

**Training & Instrumentation Division, (TID),
University Grants Commission of Bangladesh,
Agargaon, Dhaka-1207**

Activity:

Lecture delivery on software, hardware, troubleshooting, repairing and calibration of Programmable Logic Control (PLC), Microprocessor based controller, Micro controller, Analytical, Optical, Bio-medical, Analog and Digital instruments. I am Course Coordinator of A) **Post graduate diploma in instrumentation(PGDI)** and B) **Program & troubleshooting on PLC and Frequency inverter.**

December,1993- July,1996

Assistant Instrument Engineer

Chittagong Urea Fertilizer Ltd., Rangithi, Anowara, Chittagong.

Activity:

- 1) Operation Maintenance and troubleshooting of control system.
- * 3 (Three) no. of 40 Kg/cm² & 85T/H package boilers and their auxiliary equipments.
- * 2(two) no. of 12M Watts each S.T.G. and their auxiliary equipments
- *2(two) no. of 2MW G.T.G and their auxiliary equipments
- *2(two) no. of 200KVA UPS and their auxiliary equipments
- 2) Practical experience in repairing, calibration & maintenance of different types of Pneumatic & Electronic instruments such as Controller, Transmitter, LS, PS, Thermocouple, Control Valve, Proximate, Vibration Monitor, pH Meter, Analyzer, Gas chromatograph, Atomic Absorption Spectrophotometer, Digital Thermometer Recorder, Speed indicator, Relay, Timer etc. of different manufacturers such as Taylor, Fisher, Rosemount, Yamatake-Honeywell, Bailey control.
- 3) HV, MV, LV, Switch gears & MCC such as O.C.B, V.C.B, Transformer Protection Relay, Load shearing controller, Multilane Protect four, AVR, CT, PT, Voltmeter, Ammeter, Watt-hour meter etc. of different manufacturers
- 4) Participated in Net-90 of Bailey control's Modicum 884, Melsek-3, Hitachi-J16's PLC installations, Maintenance Troubleshooting of their software & hardware
- 5) Also experienced in sequence study, Analysis & Troubleshooting of different types of problem concerning in chemical process

January,1991-Deaember, 1993

Assistant Engineer

Natural Gas Fertilizer Ltd. Fenchugonj, Sylhet.

Activity:

- 1) Operation & Maintenance of (A) 3 (Three) no. of 40 Kg/cm & 85 T/H boiler and their auxiliary equipments.(B) 3 (Three) no. of 12 MW S.T.G and their auxiliary equipments.
- 2) One 1.5 MW diesel engine generator and its auxiliary equipments
- 3) Served in repairing, calibration and maintenance of different types of Pneumatic and Electronic instruments, such as controller, transmitter, LS, PS, thermocouple, recorder etc. of different manufacturers, Foxboro, Fisher, Mitsubishi etc.
- 4) Maintenance and operation of HV, MV and LV switch gears, MCC and automatic power factor plant.

5) Partially participated in installations, Maintenance & Troubleshooting of software & hardware of digital & analog control system.

October, 1988- January, 1991

Assistant Engineer

Mongla Cement Plant, Sena Kallyan Sangastha

Dhaka.

Activity:

- 1) Supervisory, commission and start-up including 4.5 MW Motor and its control devices as per layout and wiring.
- 2) Maintenance and operation of HV, MV and LV switch gears , MCC and automatic power factor plant.

PERSONAL INFORMATION:

Date of Birth:	31st December 1966.
Father's Name:	Late Md. Ramiz Uddin
Mother's Name:	Mrs. Nurjahan Begum
Permanent Address:	Vill & P.O.-Basudeb, Dist.- Brahmanbaria
Nationality:	Bangladesh (by birth).
Religion:	Islam
Marital Status:	Married.
Languages:	Fluent speaking and writing in English & Japanese
Passport No	X0915762
Skype id	ziaulecl



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