

FAKIR SAYKOT AMIR

House# 65, Block-A, Rajbari, Dhaka, Bangladesh

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Academic Credentials

Bachelor of Science in Electrical and Electronics Engineering

American International University Bangladesh (AIUB) GPA: 3.56/4.0 March, 2015 – October, 2019

Higher Secondary School Certificate in Science

Birshreshtha Munshi Abdur Rouf Public College GPA: 5.00/5.0 July, 2012 – August, 2014

Secondary School Certificate in Science

Rajbari Govt. High School GPA: 5.00/5.0 January, 2007 – July, 2012

Technical Skills

Engineering software:

PSIM
Matlab
Multisim
Proteus
Express PCB

Computer Language software: C , C++

Word, Excel,PowerPoint

Microsoft Office:

Capable of operating XP/Vista/7/8/8.1/10
Windows

Linguistic Proficiency

- English (Fluent Working Proficiency)
- Bangla (Native Language)

Project and Thesis

'BATTERY MONITORING SYSTEM' Under the Supervision of Md. Nahian - Al - Subri Ivan, Assistant Professor, American International University Bangladesh (AIUB). In this project, a lead acid battery monitoring for power systems was proposed. The main objective of this project was to monitor battery parameters like current, voltage level, and temperature and electrolyte level. It does so all whilst being simple and compact, a trait that is missing from conventional monitoring systems. In this project, charging method is different from traditional ways, as it puts to use two state CV and CC charging modes to charge battery. Therefore, prolonging battery life as well as reducing battery charging time. The current sensor and temperature sensor monitors and protects from over current and swaying from the range of optimal temperature respectively. The entirety of the project was done in Arduino wiring language. Mains line was used for power source. The focus while implementing was to build a low cost and user friendly management which is also customizable. The proposed design has limitations and is open for further development.

Extra-curricular activities, awards and achievements

- Health Camp Management in village at Rajbari, Bangladesh. In association with Rajbari Clinic (March, 2016)
- Teacher, Physics Department, at Science Coaching, a center for students from various schools. 2 years: 2017 – 2019.
- Academic Scholarship from American International University Bangladesh (AIUB).
- Organized a seminar on Career Opportunities for Engineering Graduates, AIUB
- Organized a fresher's reception and award program 30 HSC A+ holder From Goalonda Foundation in 5th September 2017
- Advisor University Candidate students of Sonjiboni Foundation from 2015-present
- Organizer of Fresher's reception 2016, Annual Farewell 2016 in AIUB

References

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