

Training Institute For Chemical Industries

Polash, Narsingdi, Bangladesh

(Central Training Institute of BCIC)



Certificate

This is to certify that

Md. Towhidul Karim

has successfully completed the training course on

Industrial Technology on

Electrical Engineering & Instrumentation

of 03 (Three) week(s) duration conducted by this Institute

from 14-09-2024 to 03-10-2024

He/She obtained grade A⁺ in the final evaluation.

Date: 03 October, 2024

Executive Director

Gradation Criteria : A⁺ = 80% & above, A = 75 ~ <80%, A⁻ = 70 ~ <75%, B⁺ = 65 ~ <70%, B = 60 ~ <65%, B⁻ = 55 ~ <60%, C⁺ = 50 ~ <55%, C = 45 ~ <50%, D = 40 ~ <45%, F = Below 40%

Course Outline

Electrical & Electronic Engineering Department (42 Hours):

Electrical Safety; Electrical switching & protective devices, symbols; Conductors, Cables, insulators; Electrical measuring instrument & Maintenance Tools; Transformer; Electrical motors; Starting and control of induction motors; Electrical Power Generation & Control Technique; Substation & distribution system; Earthing System & Measurement of Earth Resistance; Power factor improvement plant; Parallel operation of generators with Synchronization and load Sharing of Generators; Power plant starting procedure, control room activities, inspection and troubleshooting; Demonstration on Diesel Engine generator; Motor Control By AC & DC Drives; Motor Control Simulation.

Instrumentation & Control Engineering Department (21 Hours):

Introduction to Process Instrumentation; Sensing and measurement of process variables; Transmitter; Controller & Control Loop; Control Valve; Sequential Logic Operation; Programmable Logic Controller (PLC); Distributed Control System (DCS); Factory Automation with SCADA.

Mechanical Engineering Department (06 Hours):

Bearings; Turbines; Introduction to Machine Alignment.

Operation and Process Technology Department (02 Hours):

Boiler and Steam System.

Industrial Safety & Health Department (04 Hours):

Fire Hazard & Fire Protection Arrangement; Explosion Hazard & Personal Protective Equipment.

GENERAL (02 Hours):

National Integrity strategy.



বঙ্গবন্ধু শেখ মুজিবুর রহমান বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়, গোপালগঞ্জ-৮১০০।

স্মারক নং: বশেমুরবিপ্রবি/গবে/২০২২/১

তারিখ- ২৫/০৮/২০২২

নিয়োগ পত্র

নামঃ মোঃ তোহিদুল করিম।

পদবীঃ গবেষণা সহকারী।

কর্মস্থলের ঠিকানাঃ- ইইই বিভাগ, বশেমুরবিপ্রবি।

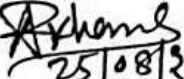
মোবাইল নংঃ- ০১৭৬১২৪৫২৫৩

বিষয় : গবেষণা সহকারী হিসেবে নিয়োগ প্রদান প্রসঙ্গে।

অত্র বিশ্ববিদ্যালয়ের (২০২১-২০২২) অর্থ বছরের গবেষণা প্রকল্পের আওতায় (Green Automobile Vehicle Design) গবেষণা চলাকালীন পূর্ণ/খন্ডকালীন সময়ের জন্য আপনাকে গবেষণা সহকারী হিসেবে নিয়োগ প্রদান করা হলো।

গবেষণা সহকারী হিসেবে কাজ করার জন্য বিধি মোতাবেক আপনাকে সম্মানী ভাতা/মজুরী প্রদান করা হবে।

ধন্যবাদান্তে,


25/08/2022
(গবেষণা তত্ত্বাবধায়ক)

নাম : ড. মোহাম্মদ আসাদুজ্জামান খান।

পদবী : সহকারী অধ্যাপক, ইইই বিভাগ, বশেমুরবিপ্রবি।

সদয় অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য অনুলিপি :

১. পরিচালক গবেষণা সেল, বশেমুরবিপ্রবি, গোপালগঞ্জ।
২. প্রশাসনিক কর্মকর্তা / সেকশন অফিসার (গবেষণা শাখা) হিসাব দপ্তর।
৩. গবেষণা প্রকল্পের তত্ত্বাবধায়ক।
৪. অফিস নথি।

ACKNOWLEDGEMENT OF REMUNERATION

I, Md. Towhidul Karim (Student ID: 18ICTEEE001), am a student of the Department of Electrical and Electronic Engineering (EEE) of Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Gopalganj. I have worked on a project titled "Green Automobile vehicle design" under the supervision of Dr. Mohammad Asaduzzaman Khan and Dr. A. T. M. Salful Islam. I have received a total of 6,000 BDTk (1000 BDTk per month for 6 months) as remuneration including 10% income tax (600 BDTk) which results in a net 5,400 BDTk.



Towhidul

Md. Towhidul Karim
Student ID: 18ICTEEE001
Dept. of EEE
Bangabandhu Sheikh Mujibur Rahman Science and Technology University
Gopalganj-8100, Bangladesh.

This is to certify that

Md. Towhidul Karim

has successfully completed a training on "Introduction to Programming with Python" conducted by the Department of Computer Science and Engineering (CSE), Bangabandhu Sheikh Mujibur Rahman Science and Technology University from Feb 2024 to Mar 2024 (60 hours), under Enhancing Digital Government and Economy (EDGE) Project of Bangladesh Computer Council, ICT Division.



Chairman

Department of CSE, Bangabandhu Sheikh
Mujibur Rahman Science and Technology
University, Gopalganj

DIGITAL
SKILLS⁴
STUDENTS



Project Director

Enhancing Digital Government and Economy
Bangladesh Computer Council

Date of issue: 05-Jun-2024

Serial No. : EDGE-DSTS-110-0291-00020

To verify:



Club Registration No.-953



CERTIFICATE OF APPRECIATION

This Certificate Is Proudly Presented To

MD. Towhidul Karim

For successfully participating in the day-long seminar titled “**Research Methodology & Paper Writing**” organized by BSMRSTU Research and Higher Studies Society.

Aqib Adnan Shafin
President

Rifat Islam
General Secretary

29 October, 2022

Date

Dr. Md. Matiur Rahman
Assistant Professor
Dept. of Statistics
Speaker

Dr. Md. Torequl Islam
Assistant Professor
Dept. of Pharmacy
Speaker