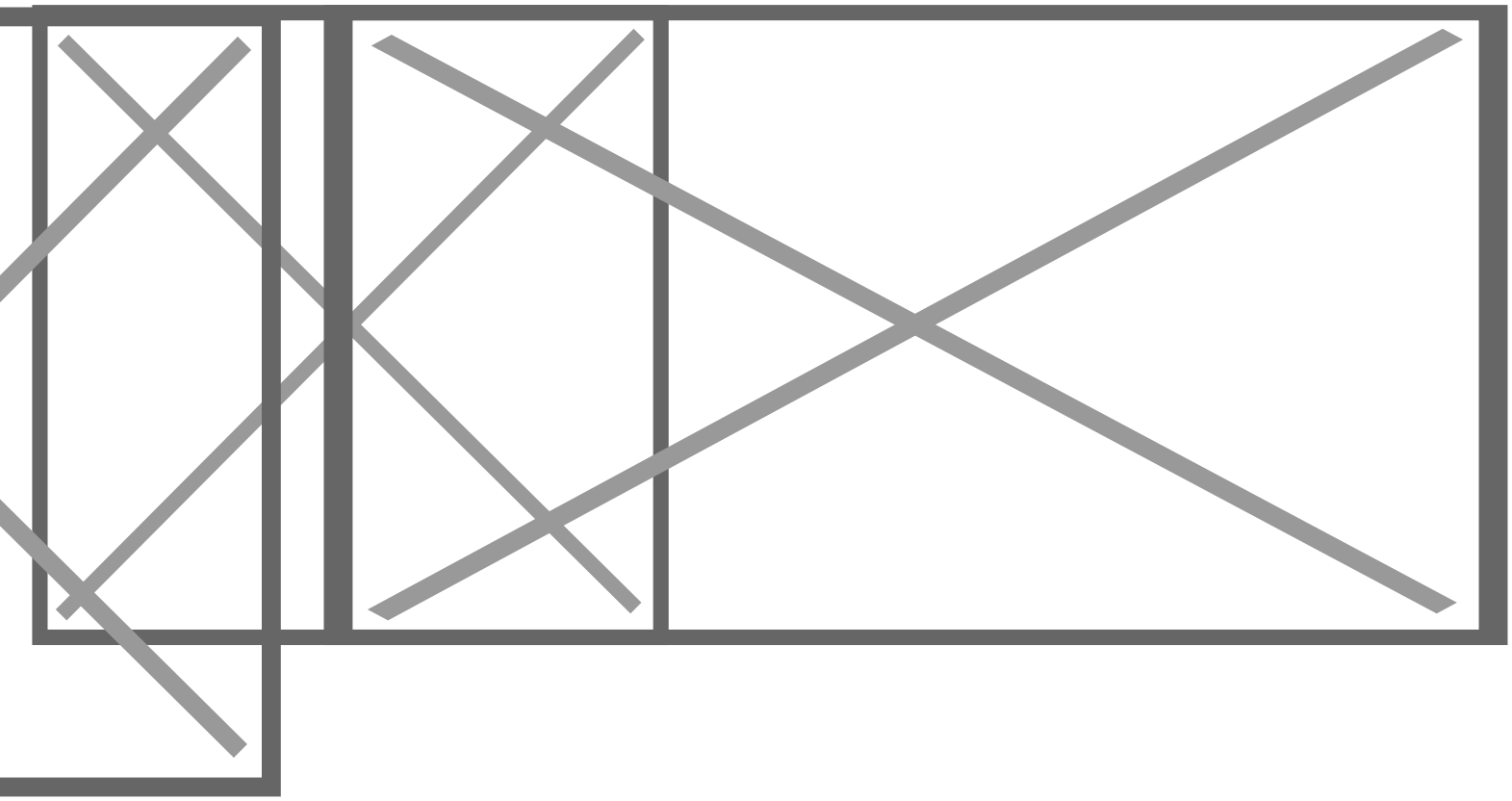
June 2026

IoT Systems Prototyping & Field Automation Workshop 2026

CONNECTING HARDWARE, STABILIZING DATA, AND BUILDING THE FUTURE OF AUTOMATED SYSTEMS



Presented by

STUDENTHUB

Daffodil International University

Presented to

VALUED PARTNER

Future Collaborator

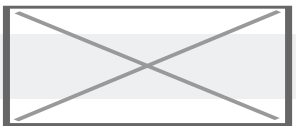
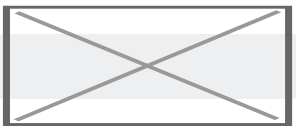
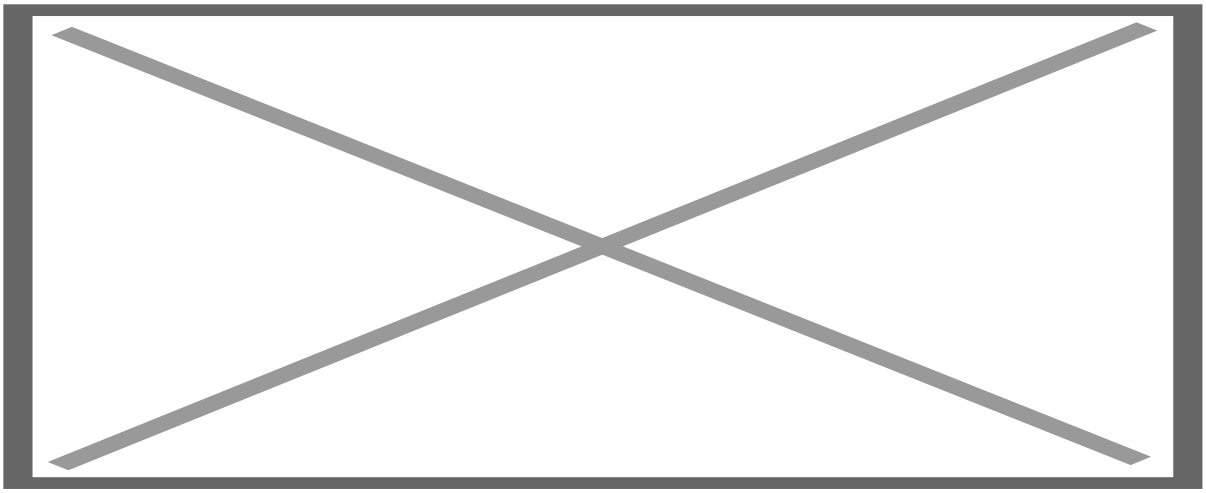


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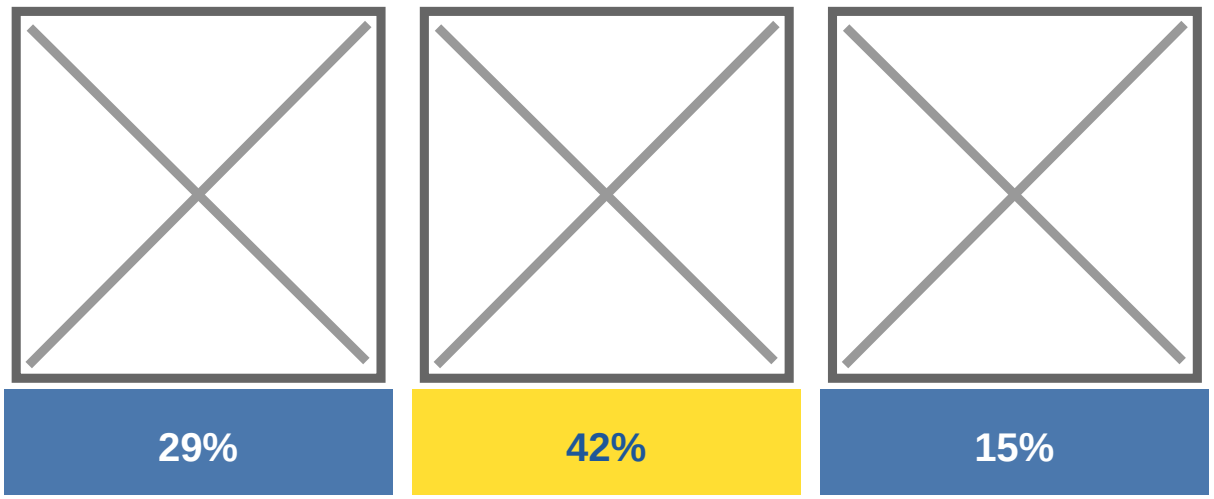
Executive Summary



Event Vision:
A 1-day developer sprint to test embedded systems, data-loggers, and hardware pipelines. Teams will validate sensor calibrations, stress-test real-time communication modules, and debug data synchronization layers in a sandbox before deployment.

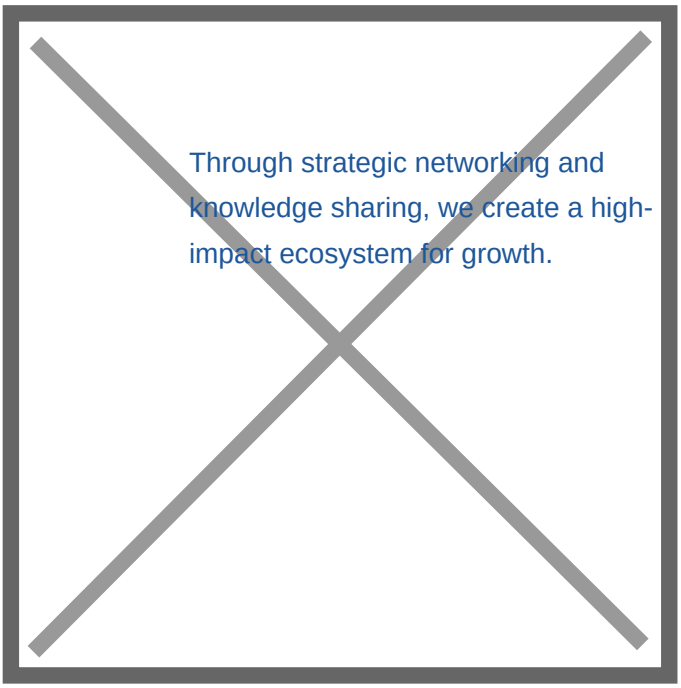
Strategic Goals:
Welcome to the official technical sprint and system validation workspace. This interactive, two-day event is structured to evaluate end-to-end event management pipelines while simultaneously pushing the boundaries of our engineering workflows. Throughout the session, participating teams will collaborate directly to review automated logging architectures, simulate complex sensor edge-cases, and optimize remote data transmission stability across variable network conditions. By introducing simulated packet loss and severe communication gaps, we aim to rigorously refine our automatic data-recovery scripts and ensure total data integrity. Additionally, this environment serves as a practical live environment to stress-test the host application itself—allowing us to evaluate rich-text rendering, boundary constraints, and cross-platform scheduling logic under simulated multi-user traffic. Please note that while the data fields are fully formatted to look realistic, this profile serves as an intentional sandbox to verify database persistence and frontend UI layouts.

Industry Need



"We have identified a critical disconnect between academic learning and industry demands. This event serves as the bridge for sustainable professional development."

Our Approach



Through strategic networking and knowledge sharing, we create a high-impact ecosystem for growth.

1 **Insight**

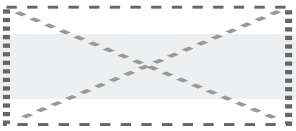
Direct access to industry thought leaders and practitioners.

2 **Networking**

Establishing long-term corporate and student partnerships.

3 **Growth**

Measuring impact through career placements and brand equity.



Impact Metrics

A snapshot of the anticipated scale and reach for IoT Systems Prototyping & Field Automation Workshop 2026. These numbers represent our commitment to domestic and global tech excellence.

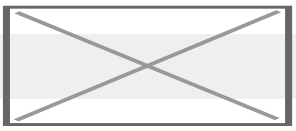
250+
EXPECTED PARTICIPANTS

2
EXPERT SPEAKERS

1
HANDS-ON WORKSHOPS

3
TECHNICAL SESSIONS

"Our metrics reflect a focus on quality engagement, ensuring every attendee and partner gains significant value through our structured tech ecosystem."



Audience Persona

Understanding our demographic reach ensures targeted impact for our sponsors and partners.

50%

Software & Data Science Engineers

Targeted engagement with core industry professionals and academic excellence.

30%

IoT Prototypers & Hardware Hobbyists

Targeted engagement with core industry professionals and academic excellence.

20%

Engineering & CS University Students

Targeted engagement with core industry professionals and academic excellence.

Digital Ecosystem & Media Reach

Facebook

2.8M+

Followers on Official Page

YouTube

201K+

Subscribers & Views

Campus TV

Live

Coverage & Dept. Channels

Others

50+

Dept. Pages & Communities

**Featuring explicit extensive coverage across Daffodil International University's massive digital network.*

Elite Venue



Key Specifications

- Capacity: 2000+ Seating
- Area: 5000 Sq. Ft.
- AV: 4K Laser Projection
- Network: 1Gbps Fiber

World-Class Amenities

Sound System

Bose immersive high-fidelity audio delivery.

Climate Control

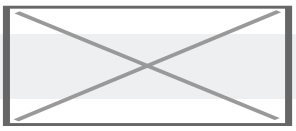
Intelligent HVAC for peak attendee comfort.

Broadcasting

5G-ready studio for global live streaming.



"The DIU Main Auditorium is a flagship venue hosting global summits and elite cultural celebrations in the heart of Daffodil Smart City."



Event Timeline

Our carefully curated schedule designed to maximize learning, interaction, and professional networking.

1

10:00 AM
to 11:30 AM

Workshop Kickoff & Smart Infrastructure Overview

Innovation Lab – Room 101 | Dr. Tariq Rahman

2

12:00 PM
to 02:00 PM

Deep-Dive: Spike Detection & Data Logging APIs

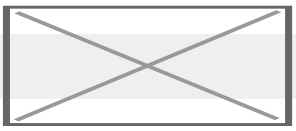
Innovation Lab – Server Wing | Steve Jenkins-O'Connor

3

02:30 PM
to 05:00 PM

Interactive Panel, Q&A, and System Stress Evaluation

Innovation Lab – Room 101 | Dr. Tariq Rahman



Guest Highlight

100%
Confirmation from top industry leaders

25+
Subject matter expert sessions

Dr. Tariq Rahman

Principal Research Engineer

> **Topic:** Architecting Fault-Tolerant IoT Networks for Hard Environments

Dr. Tariq has over a decade of experience designing robust embedded systems and remote telemetry units. His work focuses on industrial automation and ensuring continuous data strea...

Steve Jenkins-O'Connor

Senior Data Scientist & Edge AI Infrastructure Lead

> **Topic:** Spike Detection AI: Deploying Machine Learning Models Directly onto Edge Microcontrollers

Sarah manages the engineering behind real-time diagnostic systems. This exceptionally long biography string is designed to test your text area container limits and check if the lay...

Sponsorship Ecosystem

We are proud to be supported by leading organizations committed to technological innovation and student excellence.



Grameenphone



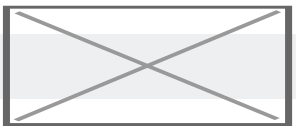
Samsung



Walton

Join This Elite Circle

By partnering with IoT Systems Prototyping & Field Automation Workshop 2026, you gain direct access to top-tier talent and position your brand at the forefront of the industry.



Partnership Tiers

Gold Partner

5,000 Tk

HEADLINE SPONSORSHIP

- Keynote Speaking Slot
- Large Exhibition Booth
- Student CV Database Access
- Premium Logo Placement
- VIP Networking Access

Silver Partner

3,000 Tk

STRATEGIC VISIBILITY

- Workshop Hosting Rights
- Standard Exhibition Booth
- Logo on Website & Banners
- Social Media Mention
- 5 Delegate Passes

Bronze Partner

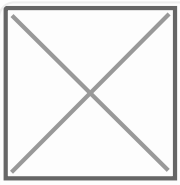
1,000 Tk

ESSENTIAL EXPOSURE

- Roll-up Banner Placement
- Shared Mention in Speech
- Logo on Digital Backdrop
- 2 Complimentary Passes
- Program Book Listing

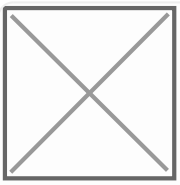
Organizing Team

Our core leadership team dedicated to the successful execution of IoT Systems Prototyping & Field Automation Workshop 2026.



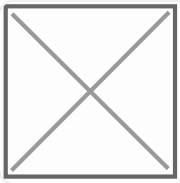
Dr. Asif Zubair

COMMITTEE CHAIRMAN & PRINCIPAL ADVISOR



Zayan Al-Mansoor

OPERATIONS & NETWORK SUPPORT SPECIALIST



Md Siam Hossain

TECHNICAL LOGISTICS COORDINATOR

Projections & Connect

FINANCIAL OVERVIEW

Expected Event Budget

Transparency is key to our partnership. We have estimated the total cost to deliver a world-class experience effectively.

ESTIMATED TOTAL COST

0

Budget Allocation

Projection

Hardware & Lab Logistics	50%
Network Infrastructure & Server Hosting	30%
Promotion & Operational Management	20%

Connect With Us

DIRECT INQUIRY

events@studenthub.diu.edu.bd

HOTLINE SUPPORT

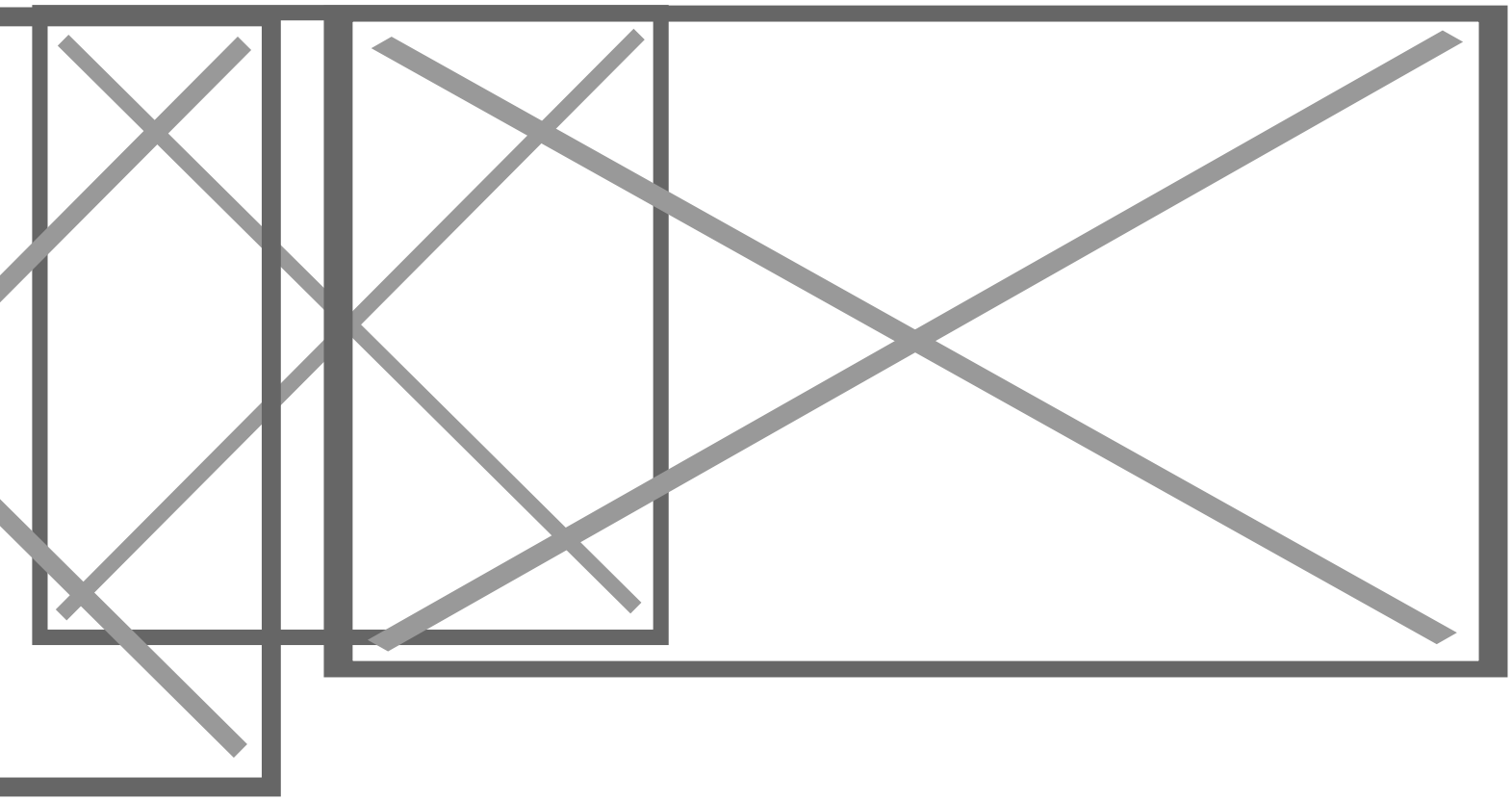
+880 1234 567890

HEADQUARTERS

Daffodil Smart City, Ashulia,
Savar, Dhaka - 1216

Thank You

BUILD A MORE EFFECTIVE AND PROFITABLE BUSINESS



Presented by

DIU STUDENTHUB