

June 2026

IoT Systems Prototyping & Field Automation Workshop 2026

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

A futuristic, high-tech banner for an IoT workshop. It features a central image of a Raspberry Pi board in a clear plastic case, connected to various sensors and components. The background is a dark blue-green gradient with glowing lines and icons representing data and connectivity. In the top right corner, there is a clock showing 9:00 AM and the date June 19, 2026. The main title 'IoT Systems Prototyping & Field Automation Workshop 2026' is prominently displayed in white text. Below the title, a white box contains the event details: 'DATE: June 19, 2026 | START TIME: 09:00 AM | END TIME: 05:00 PM' and 'LOCATION: Innovation Lab'. A 'REGISTER NOW' button is located at the bottom center, with the website 'www.iotautomationworkshop.com' underneath it. A small white star icon is in the bottom right corner.

9:00 AM
June 19, 2026

IoT Systems Prototyping & Field Automation Workshop 2026

DATE: June 19, 2026 | START TIME: 09:00 AM | END TIME: 05:00 PM
LOCATION: Innovation Lab

[REGISTER NOW](#)

www.iotautomationworkshop.com

Presented by

STUDENTHUB

Daffodil International University

Presented to

VALUED PARTNER

Future Collaborator

Table Content

Executive Summary	03
Industry Need (Problem)	04
Our Approach (Solution)	05
Impact Metrics	06
Audience Persona	07
Elite Venue	08
Event Timeline	09
Guest Highlight	10
Sponsorship Ecosystem	11
Partnership Tiers	12
Organizing Team	13
Financial Projections	14
Connect With Us	14

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



Skill gap in modern workforce



Market demand for expertise



Untapped potential growth

"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