

Dear Students, Alumni, Employees, and Friends of DIU,

Greetings from the Office of the Students' Affairs!

As we enter a new month, we are filled with immense pride and excitement about the activities, achievements, and opportunities that continue to define our vibrant campus life at Daffodil International University.

In the previous month, March 2025, we witnessed remarkable contributions from our students across various fields, from academic excellence to extracurricular & co-curricular engagement. It is truly inspiring to see the passion and dedication with which our students are embracing challenges and achieving new heights.

As always, our doors are open for any support or guidance you may need. Do not hesitate to reach out to us at the Students' Affairs Office for any assistance.





INDEPENDENCE DAY 2025

On the occasion of Independence Day, Daffodil International University paid deep respect to the martyrs of freedom by laying wreaths at the National Memorial. Our independent homeland is due to their sacrifice.





EID SPECIAL DAFFODIL STARTUP MARKET

The Eid Special Daffodil Startup Market was held from March 17, 2025, to March 18, 2025, and a diverse range of products crafted by our talented student entrepreneurs was discovered. From festive essentials to unique handmade items—find it all in one place!







EID JAMAT & EID CELEBRATION WITH INTERNATIONAL STUDENTS

Daffodil International University hosted Eid Jamaat at Daffodil Smart City, marking the conclusion of Ramadan with unity and gratitude. The gathering brought together international students, supportive staff, faculties, administrators, and the honorable chairman, embracing the true essence of togetherness. Led by Dr. Monjur Elahi, the jamaat strengthened our bonds as a diverse and inclusive community.

CLICK HERE



INTERNATIONAL WOMEN'S DAY 2025

Daffodil International University celebrated International Women's Day 2025. This year's theme, "Accelerate Action," saw Daffodil International University honoring the strength, resilience, and success of women who inspire change and progress. The event aimed to recognize and celebrate the contributions of women across various fields, fostering discussions on empowerment, leadership, and the journey toward a more inclusive future.











Hochschule Mainz—University of Applied Sciences, Germany , a public institution, signed an academic partnership with Daffodil International University, Bangladesh, to foster various international programs and create opportunities for research, scholarships, exchanges, summer school, 2+2, 3+1 dual degree programs, etc.







Department of Innovation & Entrepreneurship

THE SPARKS-STARTUP CHALLENGE

The Sparks-Startup Challenge, brought together visionary minds to showcase groundbreaking business ideas and innovations, jointly organized by the Department of Innovation & Entrepreneurship, Daffodil University and Bangladesh Venture Capital Ltd



Department of Management

Daffodil

Congratulations, Md. Ashraful Islam

WE WISH HIM GREAT SUCCESS IN THIS JOURNEY OF ACADEMIC EXCELLENCE





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FACULTY OF HUMANITIES & SOCIAL SCIENCE

Department of Law



The Department of Law is making every effort to ensure meaningful and quality progress. We are currently focused on strengthening our academic collaborations, enhancing the student learning experience through workshops and moot court activities, and exploring international opportunities such as student exchange programs. Our commitment remains rooted in a thoughtful and impactful approach, while maintaining clarity and precision in all initiatives.

Dr. S.M. Saiful Hoque Associate Professor & Head In-Charge



Dr. Kudrat-E-Khuda Babu, Professor of Law and Associate Dean (FHSS), DIU, has been invited as a Research Fellow by the Shinawatra University (SIU), Thailand, established by the former Thai Prime Minister Thaksin Shinawatra. Currently, Dr. Babu is visiting the said university for a couple of days, and the visit aims to facilitate discussions on potential future research collaborations between the SIU and the DIU.

FACULTY OF HEALTH AND LIFE SCIENCES



Seminar on Career Prospects for Agriculture Graduate

The seminar titled "Career Prospect for Agriculture Graduates" is designed to guide and motivate students by exploring the wide range of career opportunities available in the agricultural sector. This event typically brings together professionals, academicians, government officials, and industry experts to share insights on emerging trends, challenges, and scopes in agriculture, both in Bangladesh and internationally.



Department of Computer Science & Engineering



Prof. Dr. Sheak Rashed Haider Noori Head, Department of CSE, Daffodil International University



The inception of the Department of Computer Science and Engineering (CSE) at Daffodil International University was driven by a commitment to academic excellence, fostered through strong collaborations between academia and industry. This commitment is reflected in the integration of industry-demanded ICT skills within the core curriculum of the CSE program, ensuring graduates are well-equipped to meet industry needs.

The department thrives on nurturing the talents of its students, who actively participate in national and international ICT events, fostering a vibrant academic atmosphere. Through strategic agreements with leading private and government agencies, the department encourages bilateral collaboration and development initiatives that enrich the learning experience for students and faculty alike.

With a focus on cutting-edge research and innovation, the department regularly produces high-impact publications that contribute to the advancement of knowledge and technology. Faculty members collaborate with industry partners and academic institutions to ensure that research efforts remain relevant and impactful. Students are encouraged to engage in research activities under faculty guidance, leading to publications in conferences, journals, and technical reports. This hands-on experience not only enriches their academic journey but also prepares them for successful careers in academia, industry, and research institutions.

Currently, the Department of CSE at DIU offers rigorous undergraduate and graduate programs in Computer Science and Engineering, including a specialized Master of Science in Management Information Systems (MIS).





On 8 March 2025, Dr. Niaz Md Farhat Rahman (Principal Scientific Officer, Agricultural Statistics Division, and Member, Agromet Lab, BRRI) and Dr. ABM Zahid Hossain (Senior Scientific Officer, Irrigation and Water Management Division, and Laboratory Coordinator, Agromet Lab, BRRI) visited the IoT Department of CSE, Daffodil Lab, International University to review the progress of the ongoing research project in collaboration with the Bangladesh Rice Research Institute (BRRI). They were accompanied by Md. Faridul Islam Suny (Assistant Technical Officer, CSE).

Research Publication



A Comprehensive Malabar Spinach Dataset for Disease Classification

Researchers: Mushfiqur Rahman, Md Al Mamun

Short Details: This study focuses on the urgent need to increase detection of diseases in Malabar Spinach, a valuable leaf vegetable crop which is at risk from several disease types including Anthracous leaf spot and Straw mite infestation. There is still a lack of research focused on Malabar spinach, although advances in machine vision have considerably increased the detection of largescale. crop diseases. By developing

and evaluating machine vision algorithms specifically designed for accurate detection of diseases in Malabar spinach, this research aims to fill this gap. To achieve this, a comprehensive dataset comprising images of both healthy and diseased Malabar Spinach plants is utilized for training, testing, and validation purposes. This study seeks to develop reliable disease detection models through the examination of different image processing techniques and deep learning algorithms such as ResNet50. In particular, the performance of these models is rigorously evaluated on the basis of a set of standardized evaluation metrics which aim to achieve an overall test accuracy of 94%. The results of this research will have a major impact on the cultivation of Malabar spinach in terms of precision farming techniques and effective crop management practices. This study will contribute to the wider objectives of agricultural sustainability and food security, through increasing crop productivity and reducing yield losses. In the end, it is intended to strengthen the resilience of farming communities dependent on Malabar spinach crops by providing farmers and experts with efficient tools for detecting diseases.



Decision support system to reveal future careerover students' surveys using explainable AI.

Researchers: Sakir Hossain Faruque, Sharun Akter Khushbu & Sharmin Akter

Short Details: A career is crucial for anyone to fulfill their desires through hard work. During theirstudies, students cannot find the best career suggestions unless they receive meaningful guidance tailored to their skills. Therefore, we developed an AI-assisted model forearly prediction to provide better career suggestions. Although the task is,

difficult, proper guidance can make it easier. Effective career guidance requires understandinga student's academic skills, interests, extracurricular activities, internships, courses ortraining, research background, and skill-related activities. In this research, we gatheredkey data from Computer Science (CS) and Software Engineering (SWE) students totrain machine learning (ML) and neural network (NN) models for career path predic-tion based on career-related information. To adequately train the models, we appliedNatural Language Processing (NLP) techniques and completed dataset pre-process-ing. For comparative analysis, we utilized multiple classification ML algorithms anddeep learning (DL) algorithms. This study contributes valuable insights to educationaladvising by providing specific career suggestions based on the unique features of CSand SWE students. The research also helps individual CS and SWE students find suit-able industrial roles, research fields, and higher study fields that match their skills, interests, and skill-related activities. Furthermore, we developed an AI-driven careerprediction website system, transforming how students receive career information andensuring they make educated decisions about their future.

Lab Work

FAB LAB



Project Title: Handover of WLML IoT Project with 3D Printed Model

Key Activities: 1) Successfully completed the WLML IoT project, integrating 3D printing and IoT functionalities.

2) Conducted a demonstration session attended

3) Officially handed over the 3D-printed WLML model from FabLab DIU to the IoT Lab for future research and display.

Findings:

i. Strengthened collaboration between FabLab and IoT Lab.

- ii. The model serves as a functional prototype and reference for upcoming IoT projects.
- iii. Acknowledged by faculty as a successful cross-disciplinary innovation.



Project Title: Student Panel Interview for assigned Designation

Key Activities:

1) Organized a viva session to evaluate candidates for exclusive roles.

2) Interviews conducted by Md. Jahangir Alam (Assistant Professor) and other faculty members.

3) Participation from both shortlisted and general candidates.

Findings: i. Successfully identified capable students for leadership roles.

ii. a fair and professional selection process.

iii. Increased student engagement and interest in FabLab's structured recruitment.



Project Title: Laser-Cut FabLab Keychains Showcasing

Key Activities:

1) Rafid, an expert in operating the laser cutter, designed and produced custom FabLab keychains.

2) The keychains were precisely laser-cut and finished using FabLab equipment.

3) The completed keychains were showcased to the FabLab and IoT Lab convenor, Dr. S.M. Aminul Haque.

Findings:

i. The keychains received positive feedback for their quality and design.

ii. Demonstrated Rafid's proficiency in laser cutting and branding through physical products.

iii. Reinforced the capability of FabLab's equipment to support creative and branding initiatives.

ARVR & GAME DEVELOPMENT LAB ACTIVITIES



Project Title: RannaReady

Key Activities: Won UIHP grants at the United International University

Findings: Grants winning and Started a startup

Ranna Ready, a startup from the AR/VR & Game Development Lab-DIU of the Department of Computer Science & Engineering, DIU, has secured its seed funding at the University Innovation Hub Program-UIU Cohort, backed by DEIED, Bangladesh Hi-Tech Park Authority, and funded by the World Bank!



Project Title: Ongona

Key Activities: Participated in Traction Ovvudoy at Brac University

Findings: Won Special Recognition

Tashdid Bin Wahid & his teammates on winning 'Special Recognition' at Traction অভ্যুদয় organized by Brac University.

Department of Environmental & Disaster Management



Greetings from the Department of Environmental Science and Disaster Management!

As we embrace March, a month that celebrates sustainability and global awareness, our department continues to lead with research, innovation, and community outreach. From climate resilience to disaster preparedness, our students and faculty are working diligently to create real-world impact. Together, we aim to build a greener, safer future for all. Stay with us on this meaningful journey!

Dr. A. B. M. Kamal Pasha Head, Environmental Science & Disaster Management Daffodil International University





Dr. Manfuza Parveen, Associate Professor in the Department of Environmental Science and Disaster Management (ESDM) at Daffodil International University (DIU), has been awarded the highly esteemed UGC-UNICEF SBC (Social Behavioral Change) Research Fellowship by the University Grants Commission (UGC).

This prestigious fellowship recognizes Dr. Parveen's outstanding commitment to advancing research in the field of social behavioral change, and it marks a significant achievement for the ESDM department and the university community as a whole.

Research Publication

Assessing the effects of image alignment on bathymetry and zonation mapping of coral reefs using UAV

Researcher: Nurul Hidayah Mat Zaki a, Idham Khalil b, Mohammad Shawkat Hossain

Short Details: The pioneering application of the Random Walk Depth Inversion (RWDI) method has enabled fine-scale, high-resolution bathymetric mapping, offering improved detail and accuracy in underwater terrain analysis. It has been observed that image alignment settings (IAS) play a crucial role in determining the quality of UAV-derived orthoimages. Optimizing these settings not only enhances the visual quality of the orthoimages but also significantly improves the accuracy of RWDI outputs and digital elevation models (DEMs), making IAS a key factor in the overall effectiveness of UAVbased remote sensing workflows.



FACULTY OF ENGINEERING

Department of Architecture



Last month, I had the opportunity to visit Vancouver—a city known for its seamless blend of natural beauty and modern architecture. The thoughtfully designed spaces, integration with the environment, and sense of community truly stood out.

This experience sparked new ideas and inspiration that I'm excited to bring into our academy. From creating more engaging, open learning environments to incorporating design that reflects both functionality and creativity, there's much we can learn from such vibrant cities. Looking forward to evolving our space in a way that reflects these inspirations while staying true to our core values.

Professor Md. Khairul Enam Head, Architecture, Daffodil International University

Third Commendation on National design competition of Andarkilla Shahi Jame Mosque at Chattogram on 24th march, 2025





Recipients:

1.Sheikh Muhammad Rezwan, Assistant Professor & Associate Head

- 2.Lamiya Fariha, Lecturer
- 3.Zannatul Fardous, Lecturer
- 4. Rafid Nahian, Lecturer.
- 5. Sheikh Sajal Ahmed, Alumni, DIU
- 6. Mizanur Rahman, Alumni, DIU

Collaboration with Department of Computer Science and Engineering

The Department of Architecture, in collaboration with the Department of Computer Science and Engineering, undertook a joint interior design project aimed at promoting interdisciplinary learning. Architecture students worked in

groups to develop and present creative design proposals tailored to the functional needs of a CSE space. A formal jury session was held to evaluate the concepts, culminating in the selection of one final design for implementation. This initiative provided students with practical experience, encouraged innovation, and strengthened cross-departmental collaboration.



3D Modelling workshop on RHINOCEROS

On 27 February 2025, an engaging and interactive workshop on Rhino was held to brought students from 3-1 and 3-2 together and Learning the features of the software. The session was filled with creativity and hands-on learning, as participants explored the various features of Rhino under the expert guidance of one of our dedicated faculty member Esrat Nishi



Pioneering Sustainable Solutions for the Rural Poor, "100 Homes for Rural Poor

The Department of Architecture at Daffodil International University is proud to collaborate with the Bangladesh Institute of Architects (BASTHAI) in the visionary project "100 Homes for Rural Poor." This initiative is dedicated to building sustainable homesteads for underprivileged rural communities across Bangladesh.



Lamiya Fariha Lecturer, DIU

A Place of Stories: Designing Tea Stall

Best Award for Functionality and Innovation





Zannatul Fardous Lecturer, DIU

Landscape Design Competition of RUET Central Pond.



Secured 1st position







BIMSTEC YOUTH-LED ACTION ON CLIMATE CHANGE SEWOCON CONFERENCE 2025

Daffodil International University Air Rover Scout Group proudly participated in the BIMSTEC YOUTH-LED ACTION ON CLIMATE CHANGE SEWOCON CONFERENCE 2025, organized by Bharat Scouts and Guides under the Ministry of External Affairs, India, in New Delhi! The conference aimed to empower youth in tackling climate challenges through advocacy, sustainable solutions, and innovative projects.



CLICK HERE

Online Session

CV Writing & Career Session

Nahid Ahsan

Head of Marketing Excellence Bangladesh

REGISTRATION NOW

21

March

hrdi.ac

HRDi

10:00 pm

to

11:00 pm

COLLABORATION WITH CUET MIE FOR ROBOLUTION 1.0

This marks a significant milestone as DIU Robotics Club partners with CUET MIE to compete in Robolution 1.0. The collaboration highlights our commitment to advancing robotics innovation through teamwork, shared expertise, and inter-university cooperation.

YOUTH LEADERSHIP BOOTCAMP

DIU SkillUp Club organized a workshop, Youth Leadership Bootcamp 2025, on March 02, 2025. Youth Leadership Bootcamp 2025 is a dynamic and immersive program designed to empower young individuals aged 16– 25 with the essential skills and mindset needed to become future leaders. Through a series of interactive workshops, team-building activities, leadership challenges, and mentorship sessions, participants will enhance their communication, problem-solving, and decision-making abilities.

CV WRITTING & CAREER SESSION

DIU SkillUp Club organized an online CV writing & career session on March 21, 2025. The purpose of this session is to empower individuals with the skills and knowledge needed to craft a professional, standout CV and enhance their career prospects. Key highlights of the session include a live presentation by Nahid Ahsan, Head of Marketing at Excellence Bangladesh.





REMARKABLE DISCUSSION WITH VISIONARY

The Development Wing of DIU CPC had the honor of engaging in an inspiring discussion with Dr. Md. Sabur Khan (Founder & Chairman, BoT, DIU) and Prof. Sheak Rashed Haider Noori (Head, Dept. of CSE). Their visionary guidance continues to motivate young minds in tech and entrepreneurship.



DRONE WORKSHOP AT DIU

The DIU Robotics Club organized Drone Workshop at DIU on March 15, 2025. The purpose of this workshop was to introduce university students to the fundamentals and applications of drone technology. Key highlights included hands-on drone flight demos, FPV experience sharing, UAV design principles, and Q&A sessions.





We are delighted to welcome our Spring 2025 freshers through the Library Information Literacy Program. This initiative empowers students with essential research skills and familiarizes them with DIU Library's vast resources and services. We are committed to supporting their academic journey and fostering a culture of lifelong learning from the very beginning.

Dr. Md. Milan Khan Librarian, Daffodil International University



Library Information Literacy Program for freshers of Spring 2025

The Library Information Literacy Program (Primary) for the freshers of Spring 2025 at Daffodil International University Library is designed to introduce new students to the essential library services, resources, and

research tools available to support their academic journey. This one-hour orientation session provides a guided tour of the library,hands-on training on using the Online Public Access Catalogue (OPAC), an overview of digital resources including e-books and academic databases, and guidance on accessing personal library accounts. The program also promotes ethical information use and academic integrity, helping students develop foundational research skills. A total of 10 sessions were conducted within the time, encompassing different sections from the following departments: NFE, TE, THM, BBA, AGS, GEB, and DIE.