

Sustainable  
Education  
Meeting

25<sup>th</sup>-27<sup>th</sup> September 2019, NYC, USA



**SUSTAINABLE EDUCATION MEETING 2019  
(SEM2019)**

September 2019

Wednesday 25, Thursday 26 & Friday 27

DR. MD. SABUR KHAN,

CHAIRMAN, DAFFODIL INTERNATIONAL UNIVERSITY



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# THE DEVELOPMENT OF EDUCATION IN BANGLADESH AND THE ROLE OF INTERNATIONAL FINANCIAL ENTITIES: THE ASIAN CONTEXT

**Dr. Md. Sabur Khan**  
Chairman  
Daffodil International University





# STRUCTURE OF THE PRESENTATION

## **PART: A**

Development of Higher Education:  
Global and Bangladesh Perspective

## **PART: B**

Sustainable Growth Model of  
Daffodil International University

# PART: A

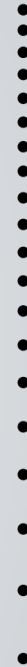
Development of Higher Education: Global and  
Bangladesh Perspective

According to **UNESCO**, “Higher education includes all types of studies, training, or training for research at the post-secondary level, provided by universities or other educational establishments that are approved as institutions of higher education by the competent state authorities”.

In the global **knowledge economy**, higher education has a crucial role in nurturing human capital. It promotes economic growth, leads social transformation, and finds solutions to national development challenges.



United Nations  
Educational, Scientific and  
Cultural Organization

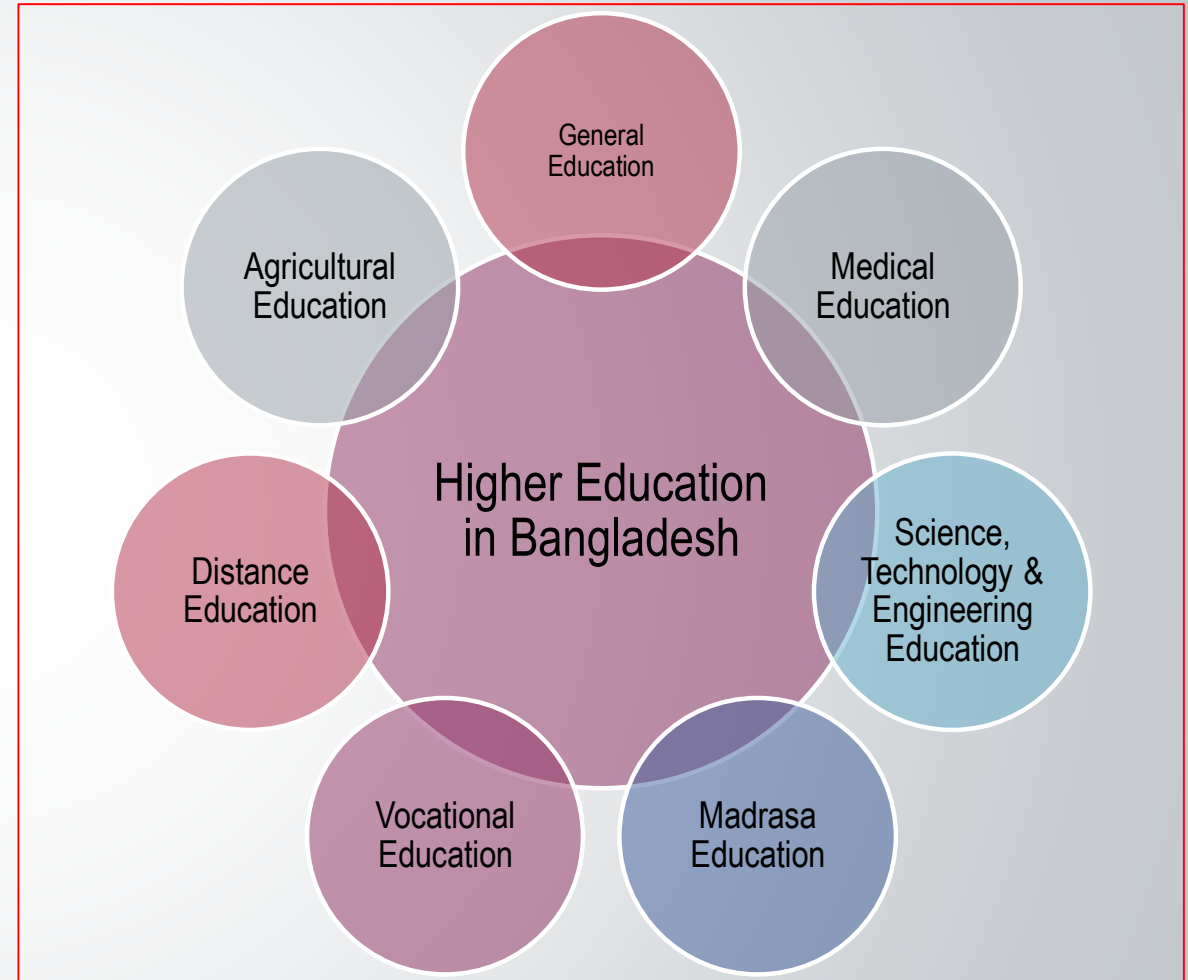




# HISTORY OF HIGHER EDUCATION IN THIS REGION

- ❑ Higher education in the modern concept began in this region with the establishment of the University of Calcutta in 1857.
- ❑ The establishment of the University of Dhaka in 1921 had a profound impact on the development of education in Bangladesh (East Bengal).
- ❑ Dhaka remained the only university in the region for the rest of the British period.
- ❑ Five more public universities were however established during the Pakistan period, between 1953 and 1970.
- ❑ Since the liberation of the country, there has been a remarkable growth in both the number of universities and in the number of university students.
- ❑ A new development in university education in Bangladesh has been the establishment of private universities since 1992.
- ❑ National Education Policy 2010

- In Bangladesh, higher education consists of a **3 year pass-course** or a **4 year honors** course for the bachelor's degree, followed by a **two year Master's** course for pass graduates and a **one-year Master's** course for honors graduates.





# CURRENT STATISTICS

- At present there are **45 public** universities
- **103 private** universities
- **3 international** universities
- Universities in Bangladesh are autonomous bodies administered by statutory bodies such as Syndicate, Senate, Academic Council, etc. in accordance with provisions laid down in their respective Acts.
- The number of universities both public and private has increased significantly
- Enrollment rate of students has increased positively
- Teachers in the universities have better academic qualifications now than before.
- More publications are being made by academicians now than before

# MANAGEMENT OF HIGHER EDUCATION IN BANGLADESH

- Ministry of Education
- University Grants Commission (UGC)
- The Directorate of Technical Education (DTE)
- National University
- Madrasha Education Board
- Technical Education Board

# ACTS, POLICIES AND COMMISSIONS FOR HIGHER EDUCATION IN BANGLADESH

- Education Policy 2010
- UGC Act 1973 (amended in 1978)
- Private University Act 2010
- Master plan for ICT in Education 2012-2021
- Mohammad Moniruzzaman Mia Commission-2003
- Dr. M.A. Bari Commission-2002
- Shamsul Haque Education Committee- 1997
- Mofiz Uddin Education Commission-1988
- Qudrat-e-Khuda Education Commission-1972

# UNIVERSITY GRANTS COMMISSION OF BANGLADESH

The University Grants Commission (UGC) of Bangladesh was established under the President's Order (P.O.) No. 10 of 1973. The UGC is the apex and statutory body of the universities of Bangladesh. The main objectives of instituting the UGC were to (a) promote and coordinate university education; (b) monitor and maintain the standard of university education; (c) assess the needs in terms of funding for the Public Universities; and (d) advise the Government on various issues related to higher education and research in Bangladesh.



In Bangladesh higher education consists of a **3 year pass-course** or a **4 year honors** course for the bachelor's degree, followed by a **two year Master's** course for pass graduates and a **one-year Master's** course for honors graduates.

# UGC (CONTD....)

- At present there are 43 public universities
- 103 private universities
- 3 international universities
- Universities in Bangladesh are autonomous bodies administered by statutory bodies such as Syndicate, Senate, Academic Council, etc. in accordance with provisions laid down in their respective Acts.
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# CHALLENGES OF HIGHER EDUCATION IN BANGLADESH

- Seat limitation** compared to number of students who pass HSC
- Assurance of **quality education**, rather than scoring just quantity
- Establishing the principles of **good governance**
- Traditionalism** without having any significant relevance to the national needs
- Lack of **industry- academia alliance**
- Inadequate **Financing Facility**
- Inadequate **laboratory and library facilities**
- Absence of **co-curricular** and **extra-curricular** activities
- Drop out** students
- Brain drain**

# SUPPORTS NEEDED

- Large numbers of post-secondary **technical institutions** need to be established to produce sufficient numbers of professionals.
- The **curriculum of higher education** should be regularly updated so that it can incorporate the contributions of **modern knowledge and research and make its standard acceptable to the outside world.**
- There is an immediate need for **combining the academic component of the courses with applied component** suited to the work experience situation, i.e. industry-academia alliance.
- The teaching community must enrich themselves with the new developments to improve their competencies and quality and to cope with reformed curriculum.
- The role of the **Government Ministry, UGC and Donor agencies** should be defined in a **positive and synchronized way.**

# SUPPORTS NEEDED (CONTD)

- Standard **teacher- student ratio** needs to be maintained.
- There is need to **ensure availability of necessary infrastructural facilities** like well designed campus buildings, class rooms well-equipped with computer terminals and power point facilities, completely digitized libraries, computer centers, laboratories for relevant disciplines, auditoriums, cafeteria, recreation centers for students and faculties, playground, etc. that create academic atmosphere.
- **Research and publications** should be made compulsory for all teachers.
- All teachers should have a **computer terminal and a designated computer** equipped with latest internet facility and software necessary to do advanced research.
- **Institutionalized best management practices** and an over **arching good governance system** must be in place.

# PRIVATE UNIVERSITIES IN BANGLADESH

In the 1990s the government realized the need for setting up private universities as it was clear that the public universities in Bangladesh would not be able to meet the increasing demand for higher education. The government recognized and appreciated the initiatives taken, in the early nineties by a group of educationists to establish private universities. After due examination of their proposals, the government felt the necessity of enacting the legal framework under which private universities could work. As a result the National Parliament passed the Private University Act-1992. It was a milestone in the history of higher education in Bangladesh.

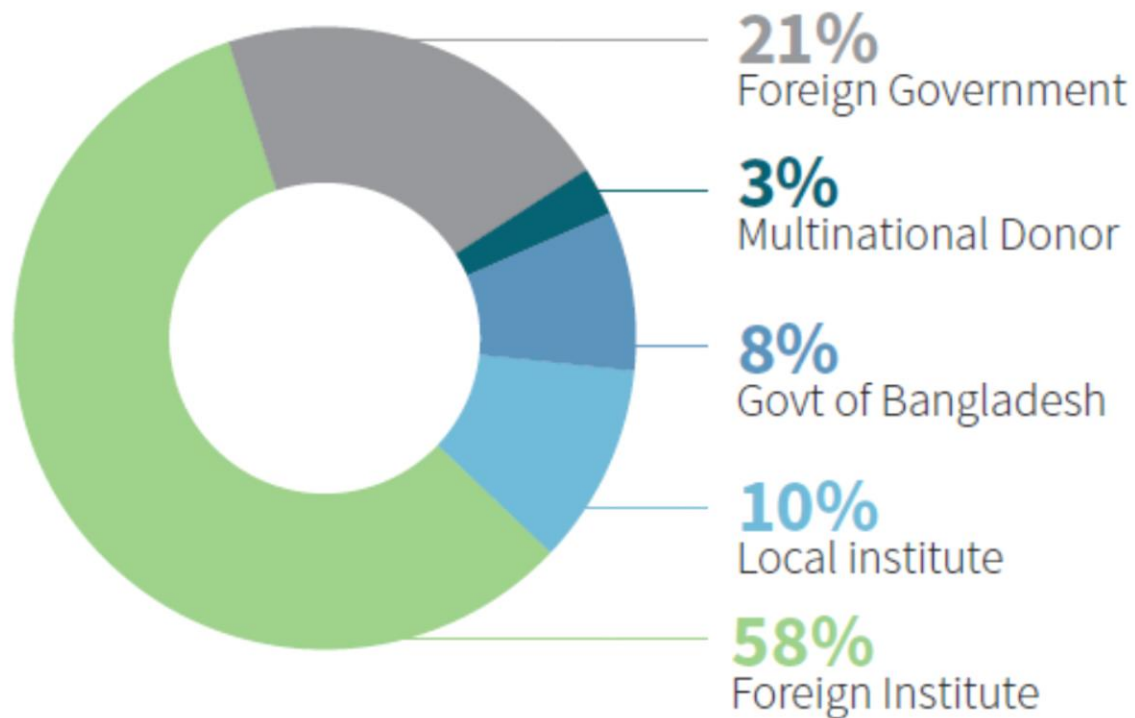
# RATIONAL OF INTRODUCING PRIVATE UNIVERSITIES

- ❑ Private universities could be guided by the market related phenomena in providing higher education.
- ❑ Higher education in the private sector can reduce the financial burden on the government
- ❑ The condition of private sector answerability can help maintain academic schedules and avoid session jams
- ❑ Private universities can also offer a better student-teacher ratio compared to public institutions. As a result, attendance, participation and evaluation of students can be more easily ensured and monitored.

# PROMOTING RESEARCH AND INNOVATION IN UNIVERSITIES IN BANGLADESH

The HEQEP offered 345 competitive academic innovation grants, out of which 132 grants that supported exclusively research projects have been awarded to 27 public and 9 private universities. Grants for research projects-financed activities to improve research capabilities in the supported universities, including the upgradation of laboratories and purchase of equipment needed to carry out the work.

# RESOURCE ALLOCATION FOR RESEARCH



**Figure 16:** Share of Funding Sources for Researches Published by Bangladeshi Researchers, 2015

*Source:* Web of Science, 2016.

# HIGHER EDUCATION FINANCING IN BANGLADESH

## **Financing in Public Universities:**

- Students' Tuition Fees and other Fees
- Government Funding
- Trust Funds
- Other Income

## **Financing in Private Universities:**

- Students' Tuition Fees and other Fees

# HEQEP PROJECT

## WORLD BANK

### Higher Education Quality Enhancement Project (HEQEP)

To meet the globalization challenges raising higher education quality to the world standard is essential. Bangladesh Govt. has taken initiatives to develop the quality of tertiary education. Govt. plans to prepare university graduates in such way that they can successfully compete in the context of international knowledge society.

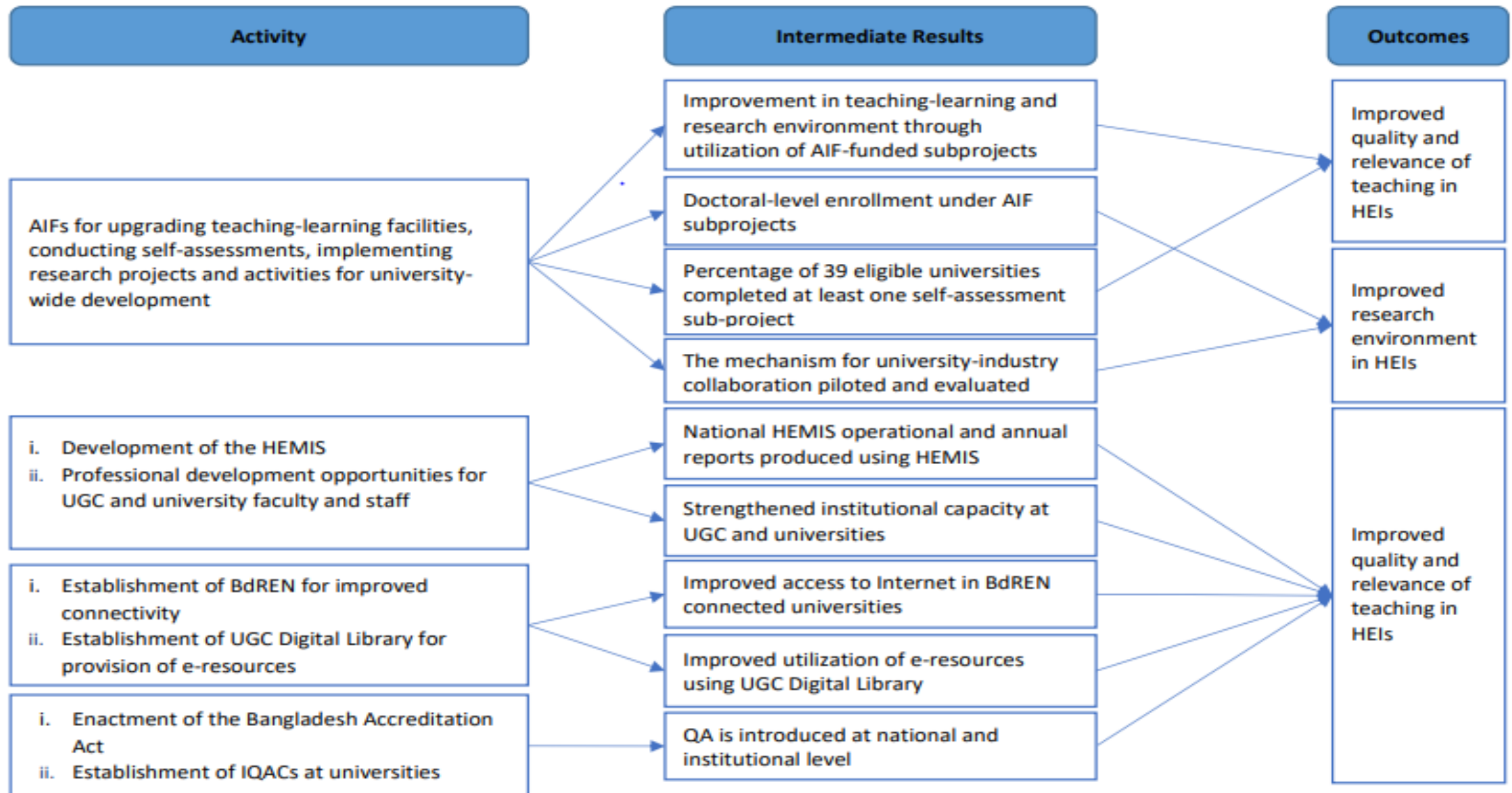
Accordingly, the Ministry of Education, with the assistance of the World Bank, has undertaken a Higher Education Quality Enhancement Project (HEQEP). The project aims at improving the quality of teaching-learning and research capabilities of the tertiary education institutions through encouraging both innovation and accountability and by enhancing the technical and institutional capacity of the higher education sector.

The University Grants Commission of Bangladesh is the implementing agency of the project. A HEQEP Unit has been established in UGC for implementation, management, monitoring and evaluation of the activities.





Figure 1. Theory of Change for the HEQEP



# HEQEP

ecure | www.heqep-ugc.gov.bd



## Higher Education Quality Enhancement Project (HEQEP)

A project of  
University Grants Commission of Bangladesh  
Ministry of Education, Bangladesh



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Please [Email Us](#) to know more about HEQEP. [Project Status](#)

### News & Events

NOC of MD. Nizam Khan  
10/04/2019

Invitation for visiting Fab Lab SBAU stall  
19/07/2018

[Show All](#)

### Tender & Procurement Notices

[Bid submission form for purchase of Office space for BdREN](#)  
(Last Date: 22/11/2018) (Last Time: 5:00PM)

### HEQEP Components

This page require [Adobe Flash 9.0](#) (or higher) plug in.

### Workshop Meeting Seminar

Five workshops held in the fir..  
15/05/2013

# IQAC OF DIU SUBMITS THE SUB-PROJECT COMPLETION REPORT (PCR) OF HEQEP

Institutional Quality Assurance Cell (IQAC) of Daffodil International University has submitted the Sub-Project Completion Report (PCR), today on 14 August, 2018 to Professor Dr. Sanjoy Kumar Adhikary, Head, Quality Assurance Unit (QAU), University Grants Commission of Bangladesh. It is worthwhile to mention that DIU has successfully completed the sub-project, 'Establishment of IQAC at Daffodil International University (DIU)' within the completion deadline, 30 June, 2018.



# ACADEMIC INNOVATION FUND (AIF)

The Higher Education Quality Enhancement Project (HEQEP) consists of four components. The most important component is Academic Innovation Fund (AIF), a fund designated to be awarded to participating public and private universities as non-refundable grant to promote innovative proposals for quality enhancement. The general objectives of AIF are to establish enabling conditions to improve the quality and relevance of teaching, learning and research and to introduce an efficient instrument for the allocation of public funds with emphasis on innovation and accountability. Its broad objectives are to produce advanced human capital in the form of highly skilled university graduates who would move the country towards higher productivity, economic growth and sustainable development. The total cost of the AIF component amounts to Tk 372.06 crore.

**Under Window 1,** 75% of the available fund would be allocated among Science and Technology based sub-projects, 15% to Humanities, Social Sciences, Business Studies and Law field and 10% to Self-assessment purpose.

**Under Window 2,** Science and Technologies will get 85% and Humanities, Social Sciences, Business Studies and Law will get 15%.

**Under Window 3,** University-wide Innovation sub-projects will get 100% of the fund. No fractions are here in this window.

# ACADEMIC INNOVATION FUND (AIF)

**Table 4. Feedback from AIF Subprojects on Improvement in Quality and Relevance of Education**

Quality and Relevance of Teaching and Learning	Quality of Research
<ul style="list-style-type: none"> <li>• Increased interactive classroom</li> <li>• Provided technology-based teaching-learning</li> <li>• Provided evidence-based knowledge</li> <li>• Produced knowledge-based skilled generation</li> </ul>	<ul style="list-style-type: none"> <li>• Increased number of quality research, researchers, publications, research-based, degrees, research opportunity, research issues</li> <li>• Installed software and equipment for research</li> <li>• Increased access to huge literature for research</li> </ul>
Infrastructure Development	Making Good Digital Connectivity
<ul style="list-style-type: none"> <li>• Established digital labs, FabLabs</li> <li>• Established language labs</li> <li>• Renovated labs</li> <li>• Renovated classrooms with multimedia, air conditioning, and good furniture</li> <li>• Replaced old instruments by new instruments</li> <li>• Renovated library with IT equipment and software</li> </ul>	<ul style="list-style-type: none"> <li>• Established inter and intra departments network to check research work</li> <li>• Provided Internet and Wi-Fi facilities for students and teachers</li> <li>• Established a cluster computer</li> <li>• Digitalization of library connected with renowned publishers</li> <li>• Developed a digital database</li> </ul>

Source: Final Impact Assessment of HEQEP 2018.



Asian Development Bank

# INNOVATIONS IN TERTIARY EDUCATION FOR COMPETITIVENESS IN INFORMATION TECHNOLOGY PROJECT

The proposed project helps improve relevance and quality of CSE/IT programs in selected universities. It aims to increase job-ready graduates, increase R&D capacity through industry collaboration and interdisciplinary research projects, and develop technology entrepreneurship.

Ref.: <https://www.adb.org/projects/50140-001/main>

# INFORMATION TECHNOLOGY PARKS FOR EMPLOYMENT AND INNOVATION PROJECT: INITIAL POVERTY AND SOCIAL ANALYSIS

Establishing information technology (IT) parks along with strategic economic corridors and zones could provide a potential solution to realize Digital Bangladesh. The business process outsourcing (BPO) industry does not require advanced skills, and can be located in industrial growth centers. If it is well connected to industry, academics, social amenities, infrastructure, and skillful human resources, IT parks could also be a base for research and development of foreign direct investment which transfers the knowledge and skills in local industry.

Ref.: <https://www.adb.org/projects/documents/ban-it-parks-for-employment-and-innovation-ipsa>

# OTHER PROJECTS OF ADB

## **Strengthening Human Resources and Leadership for Education**

The regional knowledge and support technical assistance (TA) will help to (i) strengthen teacher quality and leadership capacities for school education in the Philippines through innovative initiatives for teacher professional development and education leadership and (ii) enable knowledge exchange on promising and effective approaches on improving quality through partnerships between government and civil society organizations (CSOs) for improving teacher quality and effectiveness with Bangladesh and Cambodia.

Ref.: <https://www.adb.org/projects/51301-001/main#project-overview>

## **Public-Private Partnership in Higher Education: Technical Assistance Completion Report**

Technical assistance completion reports describe for technical assistance projects: the expected impact, outcome, and outputs; conduct of activities; evaluation and achievement of the expected outcomes; an assessment and rating; major lessons; and recommendations and follow-up actions.



European Union

# ERASMUS+ SCHOLARSHIPS

Erasmus+ scholarships for academic year **2018-19**, 55 scholarships for Bangladesh

This year, 55 Bangladeshi students have been selected to study in numerous European cities for completing Masters or Doctorates enrolling in different areas such as environmental sciences, nano-chemistry, educational studies, economics, food science, health, IT, law and development studies. The new knowledge gained will surely have a far-reaching applicability in Bangladesh and contribute to making progress towards the 2030 Agenda and its SDGs.



# PART: B



**Daffodil**  
*International*  
**University**

**Sustainable Growth Model of  
Daffodil International University**

# DIU AND ITS INTERNATIONALIZATION

Young people hold the key to society's future, and investment in them today is an investment in the future of a nation (Pereznieto and Harding, 2013). To spread and disseminate entrepreneurial education, DIU engages to come up with innovation and encourages students to apply entrepreneurial knowledge so that nation benefits and economic empowerment may establishes.



**Daffodil**  
*International*  
**University**

# DIU AND ITS INTERNATIONALIZATION (CONTD)

- As a young university, Daffodil International University (DIU) took lot of initiatives in higher education domains which excelled at international arenas, too and the university has successfully accomplished numerous tasks related to internationalization. With its endeavor to produce quality graduates and for establishing educational eco-system, DIU ranked at highest international ranking platforms like Times Higher Education Impact Rankings 2019, QS Asia University Rankings 2019 and GreenMetric University Rankings 2019.
- The University has entered into more than 300 Memorandum of Understandings (MoUs). The University has also identified the most effective agreements, namely those with Dongseo University in Korea, SIAS International University, China, Universiti Sains Malaysia, University of Surabaya, Indonesia, Universiti Sains Islam Malaysia, Mykolas Romeris University, Lithuania Universiti Malaysia Perlis, Open Universiti Malaysia, KIIT University in India, Fatih University, Karabük University in Turkey
- There are more than 400 international students at DIU, representing about 1.7% of the total student population. They come from a range of countries but mainly from Afghanistan, Nepal, Nigeria and Somalia, Turkey. Tuition and other fees vary from programme to programme, however, for all programmes, international students pay fees which are 25% higher than the fees paid by local students.

# DIU AND ITS INTERNATIONALIZATION (CONTD)

In 2016, Internationalization Strategies Advisory Service (ISAS) reviewed Daffodil International University (DIU) to refine its internationalization policies and processes, support its future-orientated internationalization efforts, and assist it in achieving its stated aim of strengthening internationalization at the University. The report focused 10 areas for the review and those areas are: Institutional internationalization policy and strategy of DIU and its link with strategies of its Faculties, Partnerships strategy and implementation – University and Faculty levels, Governance structure for internationalization, Financial & human resources and academic & administrative staff development, Internationalization of research, International student recruitment strategy, Language policy, including programmes delivered in English, Internationalization of the Curriculum and Pedagogy, Services and advice for incoming international students (exchange and degree-seeking) and Campus Internationalization for all, Study abroad and exchange – promotion, administration and advice for outgoing students. As per the recommendations, DIU took required initiatives for the improvement.

# DIU AND ITS INTERNATIONALIZATION (CONTD)

Sending students to study abroad is part of an international education curriculum. Although not possible for all students, those who can take the opportunity to study abroad add valuable experience to their academic careers. During 2018-2019, under inbound exchange programme 603 students were attended and 174 students went abroad under outbound programme. It may be mentioned that 151 faculty members were the part of outbound programme and more than 100 faculty members have visited DIU in this tenure. A good number of teachers went abroad under PhD exchange program. DIU students and faculty members went at outbound exchange programmes and participated under different prestigious platforms like Mevlana scholarship, Erasmus+, Global Leadership Programme, International Voluntary Exchange Programme, European Association for International Education (EAIE) Conference etc. During 2018-19, renowned international faculty members like Dr. Neil Perez Balba, Lyceum of the Philippines University, Philippine, Ms. Hu Yan, Hunan, University of Humanities, China, Professor Ir. H. Rachmat Mudiyo, Universitas Islam Sultan Agung (UNISSULA), Indonesia have conducted academic programs at DIU under faculty exchange programs. As part of international academic collaboration, DIU also joined hands with Western Sydney University in a sanitation project. It may be mentioned here that faculty members of DIU went foreign universities for doing their Ph.D are of world renowned institutions like University of Illinois , Chicago, University of Maryland, USA; University of Sydney, Australia University of Bonn, Germany.

# STUDENT PORTAL/DASHBOARD

Marks	Grade	Grade Point	Remarks
80-100%	A+	4.00	Outstanding
75-79%	A	3.75	Excellent
70-74%	A-	3.50	Very Good
65-69%	B+	3.25	Good
60-64%	B	3.00	Satisfactory
55-59%	B-	2.75	Above Average
50-54%	C+	2.50	Average
45-49%	C	2.25	Bellow Average
40-44%	D	2.00	Pass
00-39%	F	0.00	Fail

Semester	Cause	Date
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Name	Ikramul Islam
Birth Date	1997-02-24
Mobile	8801845528961
Blood Group	O+
Father Name	Liaquat Hossain
Mother Name	Sokina Pervin

## Student Portal/Dashboard

DIU has established unique 'Student Portal, from where students can create profile, see result, payment ledger and scheme, information on transcript/certificate, routine, mentor meeting etc

<http://studentportal.diu.edu.bd/#/login>

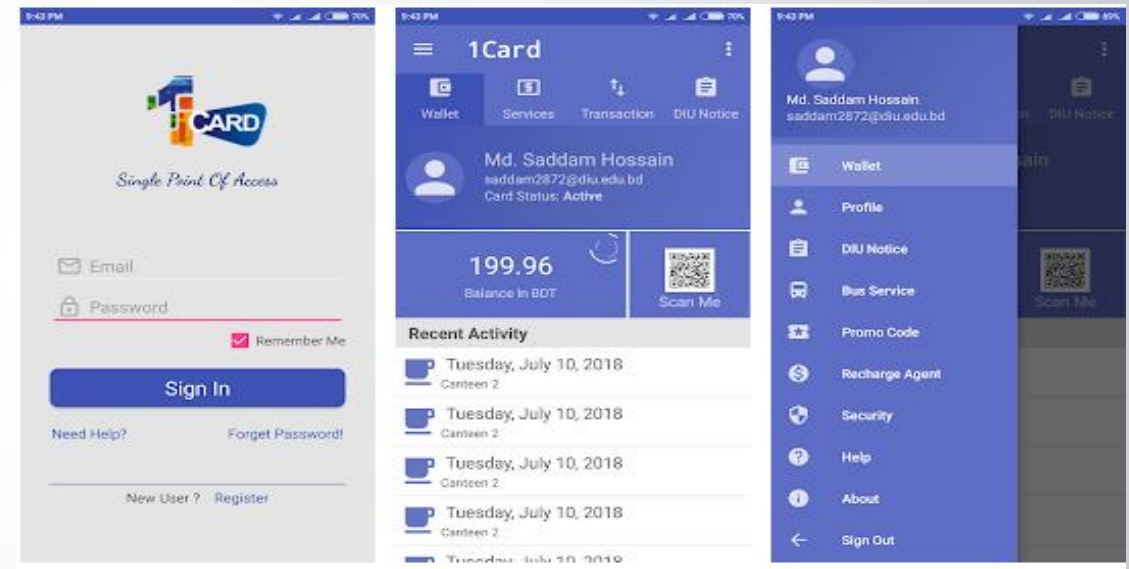
# DIU MODEL



## One Student One Laptop

To provide personal computing access to rural and under privileged students of Daffodil International University. To enable them to participate in class room, assignments, and on-line discussion activities to help consolidate learning.

<http://laptop.daffodilvarsity.edu.bd/>

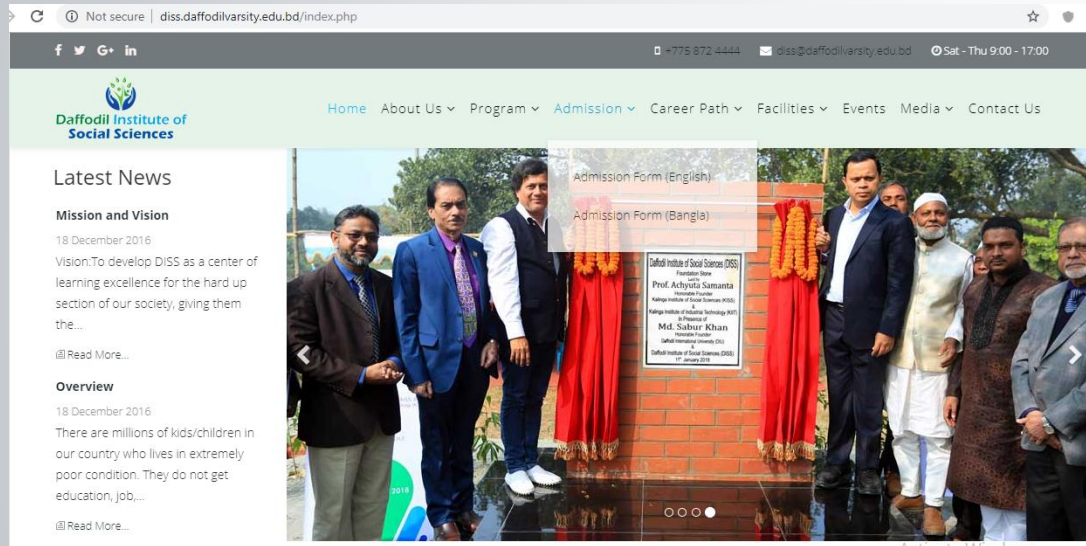


## 1-Card Solution

1-Card solution provides unifies permissions, credentials, payments, and security across your entire campus. Core technology streamlines system management, integrates data between systems through our data management engine, and manages financial transactions.

<https://play.google.com/store/apps/details?id=com.onecard.bd.daffodil&hl=en>

# DIU MODEL (CONTD...)



## Daffodil Institute of Social Sciences

DISS is concerned with the underprivileged, orphan, abandoned children who have lot of prospects. DISS makes earnest effort to pick up, gear up and groom up for the betterment of their lives and making them as the resources for the world, not burden. Our motto is to give a real leverage in educational development and earning based vocational and creative education for the underprivileged children.

<http://diss.daffodilvarsity.edu.bd/index.php>

## Entrepreneurship Development Fund (EDF)

Entrepreneurship Development Fund (EDF) is only intended to be used for the development of all the students of Daffodil International University. It will be allocated as a loan for the business development/ initiation purposes, or, business support services and grooming services. It will be considered as the R&D for student's projects.

# 7TH ASEF RECTORS' CONFERENCE AND STUDENTS' FORUM (ARC7) IN ROMANIA

DIU management has participated at 7<sup>th</sup> ASEF Rectors' Conference and Students' Forum (ARC7) in Romania on Higher Education Taking Action towards Sustainable Development Goals: Perspective from Asia and Europe



**7<sup>th</sup> ASEF Rectors' Conference and Students' Forum (ARC7)**  
Students' Forum: 11–15 May 2019 | Rectors' Conference: 12–14 May 2019  
Bucharest, Romania

**Higher Education Taking Action towards Sustainable Development Goals:  
Perspectives from Asia and Europe**

Policy Recommendations of the 7<sup>th</sup> ASEF Rectors' Conference for the  
7<sup>th</sup> ASEM Education Ministers' Meeting (ASEM ME7)  
15-16 May 2019, Bucharest, Romania

# DIU FORUM

## DIU Forum

Daffodil International University Forum contains information about Open Text material, which is only intended for the significant learning purposes of the university students, faculty, other members, and the knowledge seekers of the entire world and is hoped that the offerings will aid in the distribution of reliable information and data relating to the many areas of knowledge



The screenshot displays the DIU Forum website interface. The browser address bar shows 'forum.daffodiluniversity.edu.bd/index.php'. The page is organized into two main sections: 'Faculty of Science and Information Technology' and 'Faculty of Engineering'. Each section lists various forums with their respective post and topic counts, and the most recent post information.

Faculty	Forum Name	Child Boards	Posts	Topics	Last Post
Faculty of Science and Information Technology	CSE, CS		2	2	Badshah Mamun in CSE Department performed... on June 23, 2013, 04:46:21 PM
	CIS		4	3	Raisa in Re: Communication Skills on January 13, 2019, 11:58:28 AM
	Evening Program (FSIT)	Web-Based Programming, Database Programming, Object-Oriented Programming, Networking & Security, Project Based Learning			
	Environmental Science and Disaster Management	Fire and Safety, Geography & Environment, Ecology, GIS, Sustainability, Innovation & Technology, Biology, Legal Affairs	253	99	Asif Khan Shakir in Re: WORKSHOP ON STRUCTUR... on July 14, 2019, 07:19:21 PM
	Software Engineering	Accredited R We?, Recent Technologies and Trends in Software Engineering	1651	347	tashim.ete in Re: পৃথিবীতে পানির পরিমা... on June 19, 2019, 04:42:37 PM
	MCT	3D Model, Character Animation, Simulation and Modeling, Lighting and Rendering, Visual Arts and Communication, Game Design, Film, Virtual Reality, Augmented Reality	1516	695	Raihana Zannat in Bite-sized games which p... on July 24, 2019, 11:35:08 AM
Faculty of Engineering	Science and Information		273	167	Sharminte in Re: কৃষকদের পায়দলী... on April 23, 2019, 02:40:12 PM
	Architecture	Building Design, Urban Design, Interior Design, Landscape Design, Photography, 3D Model, Visual Arts and Communication, Animation, Simulation and Modeling	2785	1441	Md. Mirazul Islam (Miraz) in Re: 'Hackers hit global... on July 15, 2019, 02:44:41 AM
	Textile Engineering		1	1	Raisa in Re: D&AD Festival 2019 on July 16, 2019, 03:38:07 PM

# DIU HOSTEL FACILITIES



DIU has arranged spacious, secure and convenient residences for male & female students, where students reside in comfort, and in an environment conducive to study. The serene atmosphere of this accommodation is provided upon requirement.

- Male Hostel of Daffodil International University
- Female Hostel of Daffodil International University

# OUR INTEGRATED TRANSPORT SYSTEM



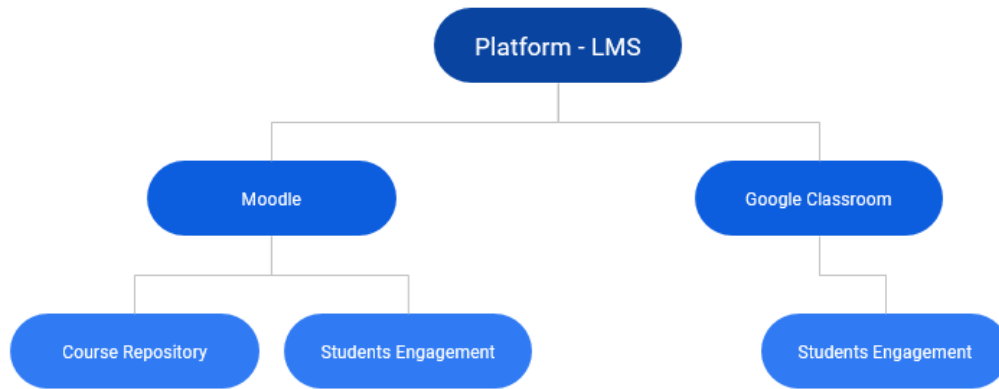
DIU has own unique transport system to cater the needs of student, faculty members and administrative employees.

At present, transport pool comprises with about **50 buses**.



MOMPREENEUR: For the first time in the country, Mom-Preneur, a special initiative of Daffodil International University and Daffodil International School to empower the kids Mom. In 2017, Daffodil International School Initiated “Kidpreneur”

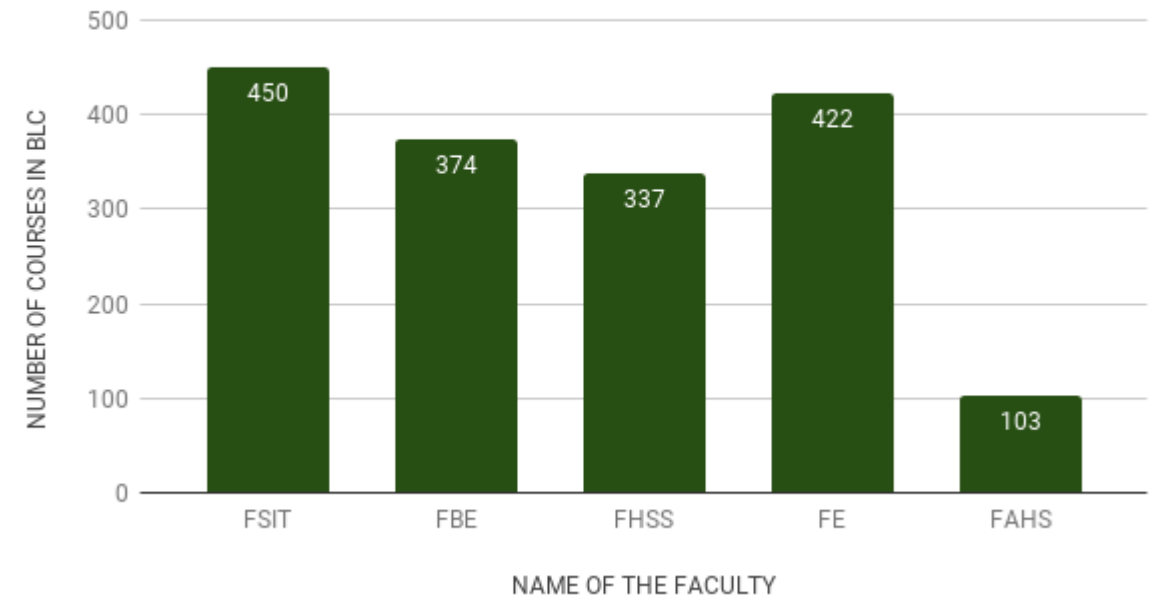
# DIU BLENDED LEARNING CENTER



Other platforms to engage students:

- KAHOOT
- PADLET
- Quizzes
- Tes Blendspace

ACADEMIC COURSE OF DIU



- DIU Blended Learning Center will be an umbrella to all projects and tasks related to online education at Daffodil International University (<https://elearn.daffodil.university/>).

# DIU BLENDED LEARNING CENTER (CONTD....)

## Data mining (Summer 19)

[Dashboard](#) / [Courses](#) / [DIU](#) / [Faculty of Science and Information Technology](#) / [Computer Science and Engineering](#) / [CSE Summer 19](#) / [CSE 450 \(SMAH-192\)](#)

**24** ENROLLED  
USERS

### ANNOUNCEMENTS

 CSE450

#### **Presentation**

**Section:** PC-A

**Date:** 28 July 2019








**Topic:** Already given to the groups

Course Introduction

Welcome to data mining course!

### Course Contents:

- [Introduction](#) and basics of data mining
- Data pre-processing
- [Classification](#) techniques, decision tree
- Clustering algorithms
- [Association rules](#) mining

-  [Course Outlines](#)
-  [Course Assessment Plan](#)
-  [Book: Data mining with python](#)
-  [Book: Introduction to data mining](#)
-  [Book: Data mining: the textbook](#)
-  [Some Basic Questions](#)
-  [Data mining real life applications](#)

# SCHOLARSHIP (NATIONAL)

- *Daffodil International University Scholarship*
- *Professor Dr. M. Lutfar Rahman Scholarship*
- *Razia Begum Scholarship*
- *Akij Group (Trust) Scholarship*
- *Professor Dr. Aminul Islam Memorial Scholarship*
- *Freedom Fighters Ward*
- *Talent Hunt Scholarship*

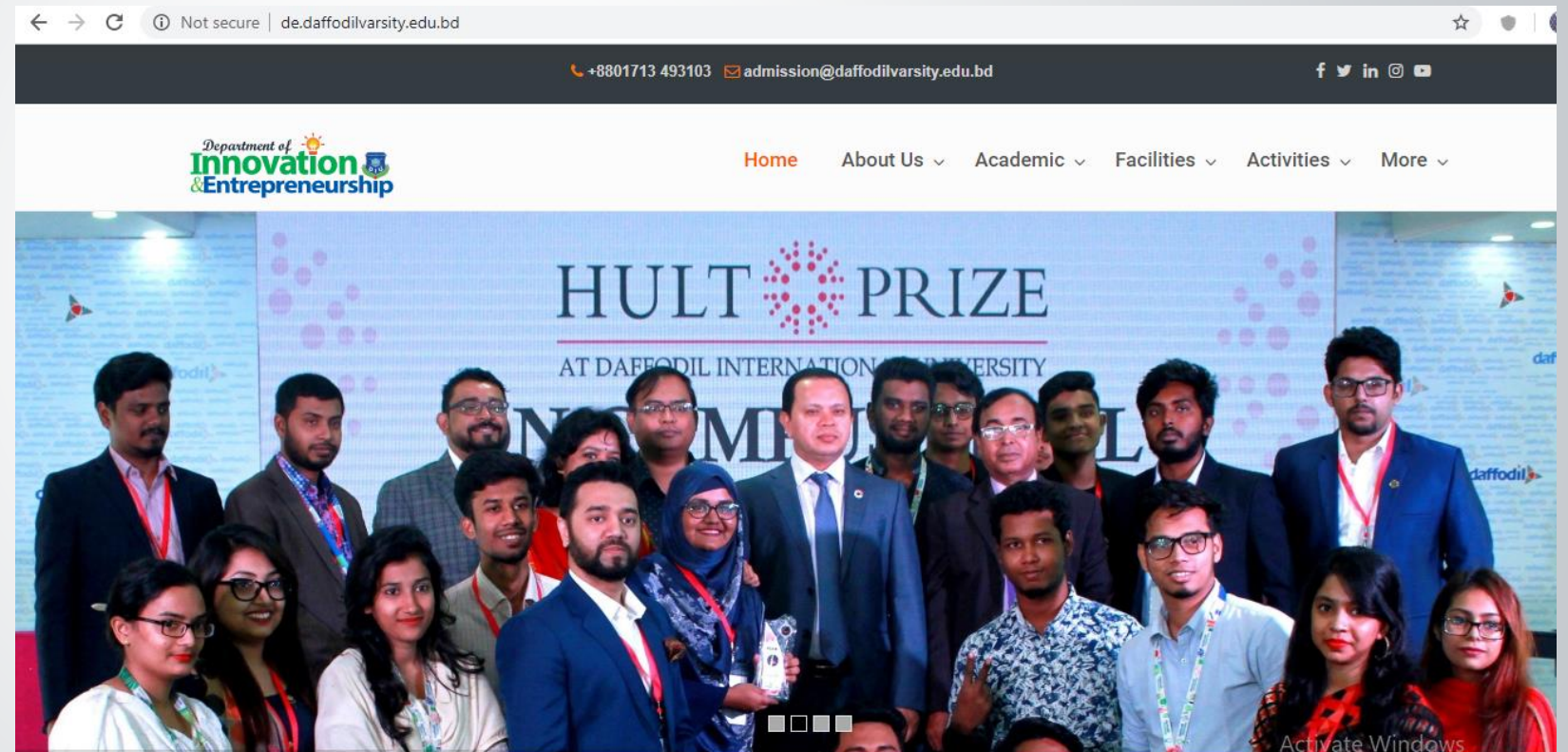
# SCHOLARSHIP (INTERNATIONAL)

- Community College Initiate Student Exchange Program 2016-17 in the U.S.
- Global Korea Scholarship 2019 for Masters Degree
- Mevlana Scholarship
- Erasmus Scholarship
- Shenyang Aerospace University Scholarship, China

# ENTREPRENEURIAL ACTIVITIES OF DIU

Daffodil International University established the Department of Innovation and Entrepreneurship under the Faculty of Business and Entrepreneurship and introduced the pioneering four-year Bachelor of Entrepreneurship program in Bangladesh.

<http://de.daffodilvarsity.edu.bd/about-us/initiatives/>



# JONATHAN ORTMANS, PRESIDENT OF GLOBAL ENTREPRENEURSHIP NETWORK (GEN) VISITED DAFFODIL INTERNATIONAL UNIVERSITY



“

*.....I have no doubt that Daffodil International university is playing a good role for spreading entrepreneurial mindset among the young generation of the country...”*

**Jonathan Ortman,**

*President of Global Entrepreneurship Network (GEN)*

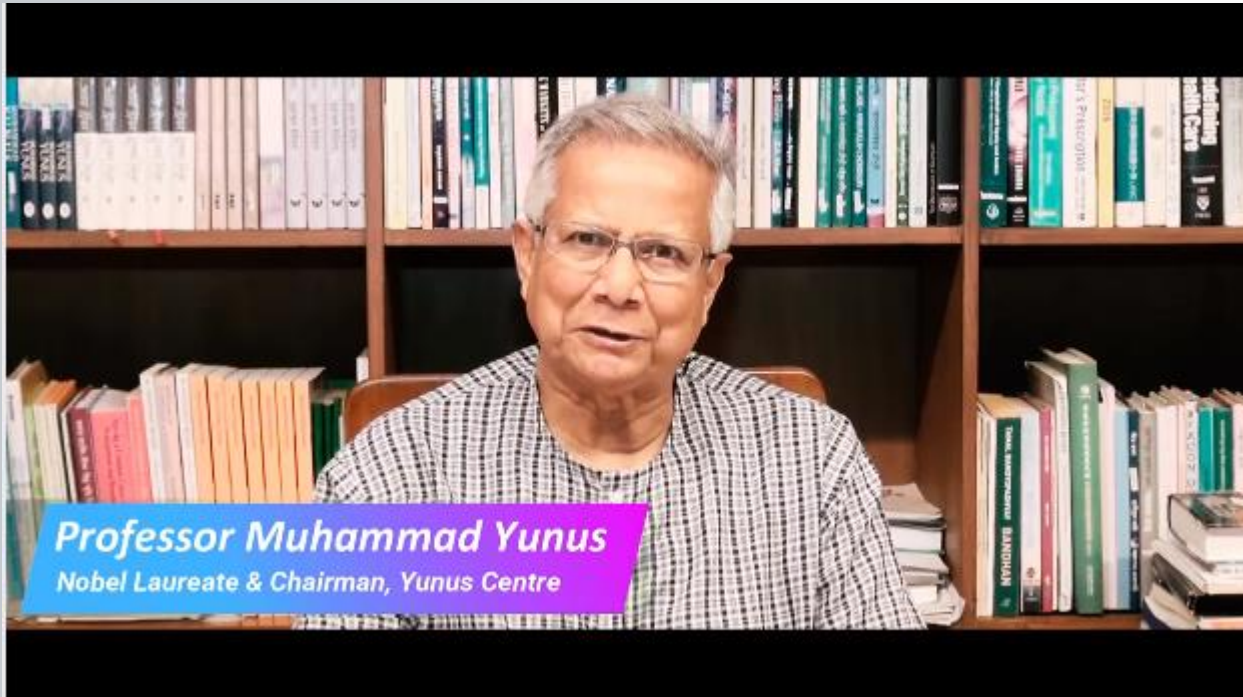
# JONATHAN ORTMANS, PRESIDENT OF GLOBAL ENTREPRENEURSHIP NETWORK (GEN) VISITED DAFFODIL INTERNATIONAL UNIVERSITY



# JONATHAN ORTMANS, PRESIDENT OF GLOBAL ENTREPRENEURSHIP NETWORK (GEN) VISITED DAFFODIL INTERNATIONAL UNIVERSITY



# TESTIMONIAL OF PROFESSOR DR. MUHAMMAD YUNUS



“

*.....I am very happy that Daffodil International University is arranging its 3<sup>rd</sup> International Social Business Summer Program (ISBSP).....*

*....When you join the program at DIU, you will meet the people physically, meet them in their work, meet them in new classroom, they will be talking about their experience, what they have done. It's a rare opportunity to meet the people who has such a dramatic change for the world*

”

**Professor Dr. Muhammad Yunus**

Nobel Laureate and Chairman, Yunus Centre

<https://www.facebook.com/diu.international/videos/742442186151189/>

Daffodil Business Incubator (DBI) has been thought to support this growing need. DBI works as a business support institutions. DBI speed up and systematizes the process of creating successful enterprises by providing an ample and integrated range of support, including incubator space, ensuring business support services, and providing every scope for clustering and networking. DBI also offers new companies the opportunity to rub elbows with others in their world.



<http://incubator.daffodilvarsity.edu.bd/>



### **GITR (Get In The Ring- Bangladesh)**

Get in the Ring Dhaka is a selection event for the Global Startup Competition of the Get in the Ring Foundation. This yearly pitch competition challenges you to show what you've got in an actual ring. Through 1-on-1 battles, you will compete for awards, a place in the Global Meetup and the attention of potential fans. Daffodil International University is the host of Get In The Ring-Bangladesh.



### **Startup Grind- DIU:**

Startup Grind DIU is a university chapter of the Google for Startups- which is the largest independent startup community, actively educating, inspiring, and connecting more than 1,500,000 entrepreneurs in 600 cities. By Startup Grind-Daffodil International University we will bring the successful Bangladeshi Entrepreneurs who will share the stories behind their journey. The events are arranged in almost every month.



## HULT Prize DIU

DIU hosts HULT Prize on a regular basis. We are ranked no. 1 this year as we have the highest number of participation. More than 586 teams have participated so far this year.

## Global Money Week

Bangladesh Skill Development Institute (BSDI) and Daffodil International University (DIU) led the weeklong GMW celebration in collaboration with Bangladesh Bank.



## Global Entrepreneurship Week (GEW)

DIU has won the 'Rookie of the year' Award for its outstanding performance in promoting GEN Entrepreneurial effort countrywide. The award has been conferred in a colorful ceremony held on April 15, 2019 in Manama, Bahrain during Global Entrepreneurship Congress and Dr Md. Sabur Khan, Chairman, Board of Trustees, DIU received this recognition for the University.



### **Global Entrepreneurship Research Network(GERN):**

DIU is the program member of Global Entrepreneurship Research Network under GEN.

Department of Innovation and Entrepreneurship in association with **Startup Huddle Dhaka** hosts events in every month where they focuses on educate, engage, and connect entrepreneurs and future leaders of the country.



**Global Entrepreneurship Congress (GEC):** Every year, the Global Entrepreneurship Congress gathers together thousands of entrepreneurs, investors, researchers, policymakers and other startup champions from more than 170 countries to identify new ways of helping founders start and scale new ventures around the world. DIU delegates participated in Global Entrepreneurship Congress every year.

## Are u the next startup

"Are You the Next Startup?" is a national level talent hunt program introduced to find out potential startups and entrepreneurs of Bangladesh. It will hunt, groom, design, organize, and manage new enterprises or business ideas till the ultimate success of each winner.

<http://next-startup.net/>

**Startup Market:** The concept of 'Daffodil Startup Market' is being initiated to promote entrepreneurial potentials of students and create more buzz in university life. It will be a platform for students to run small businesses and learn from those experiences. Student vendors can sell almost any wares, books, candles, foods, art works, handmade goods, jewelry, bonsai, toys, seasonal items and anything innovative that they want over a period of a whole day (from 2PM-6PM). At a rental of only BDT 120 (for 1 day), it is an extremely viable option for budding student entrepreneurs in DIU.

### **Entrepreneurship Development Fund (EDF) :**

Entrepreneurship Development Fund (EDF) is only intended to be used for the development of all the students of Daffodil International University. It will be allocated as a loan for the business development/ initiation purposes, or, business support services and grooming services. It will be considered as the R&D for student's projects.

**Startup Idea Fund:** Before graduation establishes yourself, don't be a job seeker rather create employment for others", this is the motto to the development and creates entrepreneurial Ecosystem. With this motto, Daffodil International University is organizing a startup idea competition to support innovative ideas.

**Daffodil ICT Carnival:** ICT itself is in the craziest ride in terms of its fast development. A huge number of our young population is the passengers who are taking different benefits considering the latest trend and whatever opportunities are coming before them. In most cases, the talents are not explored for the absence of focus, exposure, link with industries. On the other hand, Industries don't also get right talents which they need. To bridge between these two points and to showcase the products/services, Daffodil Family is going to organizing the ICT Carnival.

**Industry-Academia Lecture Series:** With the aim to inform and motivate the educated youths of the struggle and challenges faced on route to success by the well known entrepreneurs of the country, Daffodil International University Industry Academia Lecture Series on Entrepreneurship Development introduced by Innovation and Incubation Center (IIC) of Daffodil International University



## Global Entrepreneurship Summer Camp, Unimap, Malaysia(2016)

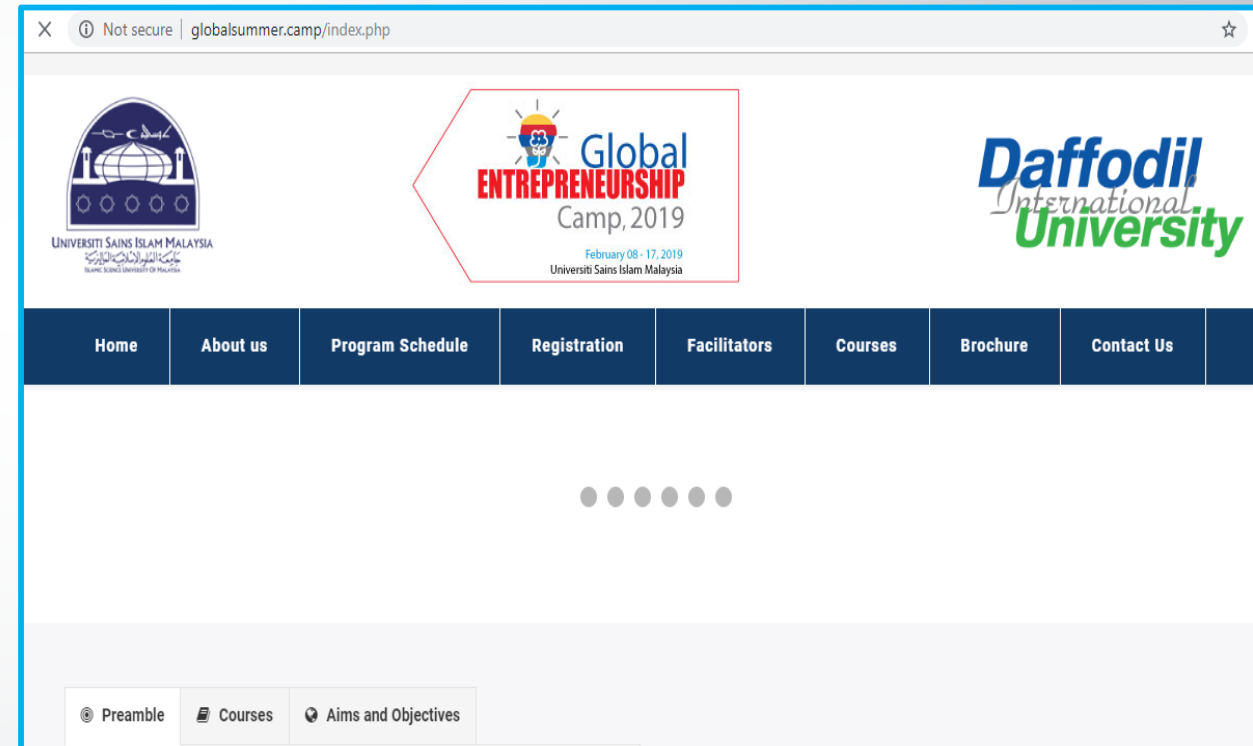
The GESC is the brainchild of the top management of five Asian universities, who meet in China in 2015. The universities are Mahasarakham University (Thailand), Daffodil University (Bangladesh), Wenzao Ursuline University of Languages (Taiwan), Ubudiyah University (Indonesia), and Universiti Malaysia Perlis (UniMAP) (Malaysia). The camp is designed to encompass both theory and practical components, including visitations to factories, markets, and other entrepreneurial centres. It is an excellent chance to connect with fellow participants from different corners of the continent. A mentor-mentee arrangement is part of the delivery approach of the camp. Participants will be guided to achieve specific entrepreneurial targets including planning for global entrepreneurship start-ups and performing correct business pitching processes.



International Social Business Summer Program: The International Social Business Summer Program 2018 (ISBSP) was held from 1- 10 July, 2018 in the lush green campus of Daffodil International University (DIU) with the motto “Social Business Entrepreneurs for Better World”. Young minds from 16 different countries including Switzerland, Greece, France, Germany, Brazil, Taiwan, Philippines, Indonesia, South Korea, India, Sri Lanka, China, Somalia, Nigeria, Nepal and of course, Bangladesh came together to learn how to solve world's most pressing issues by using the power of business.

## Global Entrepreneurship Camp (GEC), 2019 at USIM, Malaysia

Global Entrepreneurship Camp 2019 is the 10 days long program on entrepreneurship jointly organized by USIM, DIU, and Perfect Triangle SDN. Key aim and objectives are: to present a platform where youth can come together to brainstorm on how to develop a global entrepreneurial mindset, to challenge youth globally, Students would equip themselves with global knowledge, participate in cross-cultural activities, build communication skills, and gain confidence to be able to become future business leaders. They also will get academic credits and recognition from several institutions, as well as an experience of Malaysian lifestyle, culture, and heritage through different set activities of study and recreational visits.. The camp will be held from the February 8th to 18th, 2019.



## DIU-INHA Entrepreneurship Program-2019

Two week long (9-19 February 2019) 'DIU-INHA Entrepreneurship Program-2019'. A contingent of 12 students and 2 researcher from Inha University, South Korea along with 12 students from different Departments of Daffodil International University joined this Entrepreneurship Camp at Daffodil International University Bangladesh started on 9th January 2019. This 24 students were divided into 4 groups and presented 4 Business Idea at closing ceremony. Team THUNDER won the best Business Idea award.



**Social Business Creation competition, HEC- Montreal:** Daffodil International University (DIU) is going to host the 4th edition of Social Business Creation competition organized by HEC Montréal in Canada and Yunus Centre in Bangladesh. DIU will also organize the regional semifinal of this competition. This competition is an innovative pedagogical platform on which students learn to create social businesses. Beside the rich learning experience, students will get chances to win several prizes of CAD 57,500 in total

# DIU RESEARCH AND PUBLICATION ON ENTREPRENEURSHIP

