



SUSTAINABILITY REPORT-2019



Daffodil
International
University

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DAFFODIL INTERNATIONAL UNIVERSITY

March, 2020

SUSTAINABLE DEVELOPMENT GOALS



BACKGROUND

On 25 September 2015 in New York, the UN General Assembly formally adopted the 2030 Development Agenda titled Transforming our world: the 2030 Agenda for Sustainable Development, also known as the Sustainable Development Goals (SDGs). The SDGs are seventeen aspirational 'Global Goals' within which there are 169 targets.



According to the United Nations, Sustainable Development Goals (SDGs) were adopted by its member states to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030. The proper integration of policy interventions in all 17 areas of SDGs will lead to take action in one area will affect outcomes in others and eventually development must balance social, economic and environmental sustainability. As a higher education institute, Daffodil International University (DIU) is committed to respond to this universal call for SDGs and take actions to comply with the United Nation's endeavor and to support the Government of Bangladesh for achievement of desired outcomes. In this regard DIU is working closely with the Government, private sector, civil society and citizens jointly for implementation of SDGs and to make sure that the coordinated effort can create a better and sustainable planet for the future generations.

Higher Education Institutions have a pivotal role to play in educating the people regarding the targets of sustainable development goals (SDGs) set by the United Nations and facilitate achieving the national SDG targets of any country. Education and research have been mentioned in a number of sustainable development goals (SDGs). Daffodil International University (DIU) has formulated relevant policies on SDGs and taken initiatives to adopt sustainable practices in its all development activities as part of its societal and environmental responsiveness. SDGs have open up a new horizon for DIU to explore its capability, readiness and initiatives towards ensuring sustainable development aligning with the national SDGs targets as well as contribution to the global sustainable development initiatives.

Universities have a responsibility through their teaching to equip the next generation of leaders, innovators and thinkers to understand the global challenges facing the world and the role they can play in rising to meet these challenges. Through their research and training of research leaders, universities are at the forefront of finding sustainable social, economic, environmental and technical solutions to global problems. Finally, through their own operations universities can pioneer innovation and can set an example to other sectors and businesses.

Mapping the policies and activities of Daffodil International University to the Sustainable Development Goals

At Daffodil International University, we believe that we have a role in supporting our government to meet the SDGs. We are achieving this through our operating culture and activities and our actions on-the-ground.

Goal	Our Commitments	Activities
 <p>End poverty in all its forms everywhere</p>	<p>Creating awareness in building a society without poverty through ensuring the employment of graduates through power of quality education and lifelong skills</p>	<ul style="list-style-type: none"> • Bangladesh is a country where most of the people live in rural areas and poverty rate is also higher in those areas. Without improving the condition of these rural people, the overall sustainable development would not be possible. Daffodil International University as a higher education institute has focused and put emphasis on educating the youths of these rural areas (Currently our 90 percent students are from rural areas of Bangladesh). More than twenty thousand families have transformed their condition from poor to middle income and affluent citizen of the country as the graduates of DIU could reduce poverty of their families through employment. • DIU made contribution in terms of creating Daffodil Foundation which has been conducting a program namely: “Jeebika–Livelihood and Human Development Program” in association of Centre for Zakat Management which aims to benefit about 500 families to eradicate their poverty status through various lifelong practical initiatives and livelihoods based on their skills, abilities and employment.
	<p>Developing skilled human resources in nutrition and food sector and assisting the Government of</p>	<ul style="list-style-type: none"> • Launching relevant academic Department: DIU has established Department of Nutrition and Food Engineering (NFE) with an aim to provide skilled and educated manpower in this area for ensuring safe, nutritious and cheap food to cater the need of the common people.


<p>End hunger, achieve food security and improved nutrition, and promote sustainable agriculture</p>	<p>Bangladesh to ensure food security and zero hunger through conducting research on this fields. Creating awareness among the stakeholder is also given emphasis.</p>	<ul style="list-style-type: none"> • Daffodil International University introduced a project namely Daffodil Agro Complex (Fruit plant cultivation in sandy soil) in order to develop societal, academic and skill based professionals under Agro Sectors and reduce the nutrition gap among people of the country. Most of the fruit plants are broad leaved and evergreen which will absorb more CO₂ and release more O₂ and consequently will support creating a clean and healthy environment. • Providing sustainable, nutritious and affordable food choices on campus through Daffodil Startup Restaurant and Cafe • The relevant Departments of DIU arranges various events related to issues of SDG 2, among them: seminar on “Change the future of migration, increase investment in food security and rural development”; seminar on ‘A zero hunger world by 2030 is possible’ and Workshop on “Food Safety and Food Security - Public Health Importance” are worth mentioning. • NFE researchers are doing joint research with the researchers of Bangladesh Agriculture University to ensure food security. • Introducing measures to ensure nutritious food and reduce food waste on campus. For example, the Social Business Students Forum of DIU developed a baby food called ‘Pedicare’. This project was awarded 2nd prize in the ‘social business creation competition’ organized by HEC Montréal’s Social Business Centre (IDEOS) in Canada. Through the social business creation competition, DIU has been mentoring students to be social entrepreneurs & create sustainable business through a global platform http://sbc.daffodilvarsity.edu.bd/. The winning team identified that there is only a limited selection of baby food products available and affordable in local markets, as they are imported. As a result, many parents cannot afford healthy food supplements for their growing babies. To address the problem, the
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		<p>students developed a baby food product prototype called Pedicare that is a highly nutritious and low-priced supplementary food for children aged 6 months to 3 years. Child nutrition is a major issue for Bangladesh because malnutrition leads to stunting and wasting in children. In Bangladesh, 36% of children under five are stunted and 14% are wasted, which is the highest in Asia. 33% are underweight.</p> <ul style="list-style-type: none"> To improve the identification and scale-up of agricultural technologies in Bangladesh Winrock International signed MoU with Bangladesh Venture Capital Ltd.
 <p>3 GOOD HEALTH AND WELL-BEING</p> <p>Ensure healthy lives and promote wellbeing for all at all ages</p>	<p>To create awareness in building a society with good health and wellbeing through the power of quality education, research and ensuring employment (alternative employment as well-entrepreneurship) of graduates.</p>	<ul style="list-style-type: none"> Researchers of Daffodil International University Develops Q-A based tool for forecasting COVID-19. A team of researchers of Daffodil International University has developed a software for identifying COVID_19. This is a question-answer based tool which gives a prediction about COVID_19 through this software. This tool can be used through this www.helpus.ai. Department of Nutrition and Food Engineering and Department of Pharmacy of Daffodil International University jointly prepared Hand Sanitizer as per the formula of the World Health Organization (WHO) and distributed to various hospitals of the city. Hand sanitizers were also distributed to all departments, faculty members, administrative employees and students to keep them safe from germs especially from Corona virus. Department of Public Health and AI team of DIU and Cardio Care hospital innovated an AI based Solution to detect and track COVID 19 which is being used free by registered doctors (https://helpus.ai/). Using Artificial Intelligence Research Team of Public Health Department of Daffodil International University, AI Unit and Cardio Care General Hospital developed and released beta version of AI solution to detect and track 'COVID-19'.

	<ul style="list-style-type: none">• A website https://coronabd.xyz/ has been developed for creating awareness among mass people regarding COVID 19. The students and faculty members of Department of Software Engineering of DIU developed the website.• Department of Public Health of Daffodil International University organized a seminar on 'Outbreak and Prevention of Coronavirus (COVID – 19)' today on 03 March 2020.• Dr. Salamat Khandker, Associate Professor, Department of Public Health, Daffodil International University conducted a study and prepared a report on the Impact of Air Pollution on Human Health and Way.• A team from the Department of Environmental Science and Disaster Management, DIU including two senior students and one of the faculty member attended a national workshop on "Harmful effects of Mercury added products on Human health & Environment" on 11th September, 2019 at the National Press Club, Dhaka.• Human Resource Development Institute (HRDI) of Daffodil International University in association with Cardio Care Hospital, Dhaka offers a short course on Understanding ECG Basic & Beyond. Dr. Md. Abul Khair, Associate Professor, National Institute of Cardiovascular Diseases (NICVD) conducts the course as the course instructor.• Department of Nutrition and Food Engineering (NFE) has organized a seminar on "Healthy living and use of Phytonin" at the Permanent Campus which focused the SDG 3: Good Health.• DIU Faculty Providing Technical Support to the ADB Project on Strengthening Knowledge and Actions for Air Quality Improvement.
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		<ul style="list-style-type: none">• DIU organized the workshop titled "Touch your soul, change your life - a psychological approach".• Daffodil International University and Sheikh Fazilatunnessa Mujib Memorial KPJ Specialized Hospital & Nursing College jointly organized a Free Medical Camp.• Department of Pharmacy in collaboration with the Department of Public Health of Daffodil International University organized a seminar on "Cancer Genetics and Precision Medicine" today on February 19, 2020. World renowned scientist Sir Walter Bodmer speaks on "Cancer Genetics and Precision Medicine" at Daffodil International University.• The toxic chemicals used by various lab activities under different Departments of daffodil International University are handled carefully and in a manner so that human safety is not hampered. The toxic wastes are also managed carefully considering the environment.• Considering the significance of the issue related to human health, DIU established a Separate Department namely Department of Public Health with the aim of developing skilled public health professionals capable of solving health problems through research & advocacy to promote a multidisciplinary approach to Public Health. (https://ph.daffodilvarsity.edu.bd/)• Providing access to low cost primary health and wellbeing services on campus through DIU medical center: https://daffodilvarsity.edu.bd/medical/diu-medical-center• Providing Insurance facility for teachers, staff, students and their guardians (http://m.thedailynewnation.com/news/216318/diu-introduces-guardian-insurance-policy).
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<div data-bbox="201 224 396 415">  </div> <p data-bbox="201 451 453 734">Ensure inclusive and equitable quality education and promote life-long learning opportunities for all</p>	<p data-bbox="493 224 829 885">Creating a commitment to the society to ensure and implement the quality of teaching-learning at DIU which in turn will provide quality graduates to be employed both at home and abroad as well as creating awareness and involving tertiary education stakeholders to play a significant role in achieving the goal</p>	<ul data-bbox="850 224 1984 1367" style="list-style-type: none"> • DIU is supporting vulnerable and disadvantaged people, especially from rural areas (currently 90% of DIU students are from rural areas), to access in the university, including persons with disabilities, indigenous peoples, and people experiencing financial difficulty. DIU also provides quality higher education at a very low cost in comparison with most expensive private universities in Bangladesh. • DIU established Daffodil Institute of Social Sciences (DISS) to ensure access of underprivileged children to quality education (http://diss.daffodilvarsity.edu.bd/) • Established 'Institutional Quality assurance Cell' at DIU which has been working to ensure the quality of education, teaching-learning, research, student intake, sustainable infrastructural development etc. since its inception. (http://iqac.daffodilvarsity.edu.bd/) • Bangladesh Olympiad in Informatics (BdOI) National Round hosted by Daffodil International University to ensure and encourage young generation towards quality of higher education. (https://techworldbd24.com/techworld/756). • In view to exchange the global views and experiences, IQAC, DIU organized the workshop on 'Quality in Higher Education: Teaching Learning Perspective' on 25 April, 2019. Professor Dr. Quamrul H. Mazumder, P.E., Department of Mechanical Engineering, University of Michigan-Flint, USA conduct the workshop. (http://news.daffodilvarsity.edu.bd/1587-iqac-workshop-on-quality-in-higher-education-teaching-learning-perspective-conducted-by-an-us-quality-expert.html).
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		<ul style="list-style-type: none">• As a member of the Association of Universities of Asia and the Pacific (AUAP), DIU has been contributing in its initiative of ensuring and certifying the level of quality teaching learning of its member institutes. A quality education expert of DIU is the member of the AUAP QA Team which is working on formulating the policy, guidelines and structure of accreditation system. (http://www3.sut.ac.th/AUAP/Modules/News/News_5.aspx).• Daffodil International University (DIU) is one of the leading universities for Asia Cooperation Dialogue (ACD) MBA network. The ACD MBA is a 48 credits program consisting of 11 modules: 5 core modules and 5 elective modules and 1 project paper. In ACD MBA students can start their study at DIU and can transfer the credits to any other partner university. Students can obtain their certificate from both universities.• DIU hosted the prestigious Asia Regional Dhaka Site computing event International Collegiate Programming Contest 2018 (ACM-ICPC 2018) at Ashulia permanent campus, Savar, Dhaka. This is the largest programming contest ever held in the history of Bangladesh hosted by Daffodil International University where 298 teams (comprising with 3 members each) from 101 public and private universities and institutions participated. The event ensured the access to Educational Resources of DIU to all Students including other Institutions.• Daffodil International University arranges Open Seminar for all on Career Prospects in Japan on 30 November, 2019 at the premises of the university. The Daffodil Institute of Languages (DIL) organized the open seminar to encourage young students and youths to come forward to avail the career opportunity provided by Japan. The seminar was open for all and was a successful event in a nutshell.
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		<ul style="list-style-type: none">• A day long international workshop entitled "Achieving Professional Excellence (APEX)-Inner Personal Development" was held on November 25, 2019 at Daffodil Tower, Dhanmondi, Dhaka. The workshop was open to all irrespective of students, jobholders and professionals of both Daffodil Family and outsiders. The workshop was jointly organized by Daffodil International University (DIU) and Skill.Jobs.• Aptis is a modern and flexible English language proficiency test, designed to meet the diverse needs of organizations and individuals around the world. Human Resource Development Institute offers the short preparatory course of British Council on Aptis English Language Proficiency Test.• In order to disseminate academic knowledge and practical best practices regarding HR management, HRDI of Daffodil International University in association with the Bangladesh Society for Human Resources Development (BSHRM) has been offering the Advanced Certification Course in Human Resource Management.• Daffodil Institute of Languages (DIL), an approved institute of Daffodil International University, guarantees personal attention and great teaching for achieving the right band score. The duration of the course is 8 weeks (02 months) and three classes per week. This short course is open to all.• To enhance the leadership and managerial skills of participants and to create solutions to communication challenges using strategic thinking and logical analysis, HRDI of Daffodil International University in collaboration with Australian Academy of Business Leadership (AABL), Australia, has been offering Advanced Certificate in Strategic Leadership & Managerial Communication (SLMC) course which is open to all.
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		<ul style="list-style-type: none">• HRDI offers a short course on employability skills. The main objective of this course is to provide the students a completely new ways of learning through personal engagement in activities and projects. This course helps the students to understand and prepare a portfolio on how they evaluate themselves and develop for world of work while studying in the university.• DIU organized a College level awareness building seminar on "Innovation & Entrepreneurship" at Begum Badrunnesa Govt. Girls' College, Dhaka.• Dr. Md. Sabur Khan, Founder and Chairman of Daffodil International University (DIU) and Daffodil Family presented his keynote speech at SUSTAINABLE EDUCATION MEETING 2019 (SEM2019). SEM 2019 which took place during the United Nations General Assembly Opening Week in New York City during September 25-27, 2019.• DIU has been teaching about 150 sustainability related courses to students in different programs under different departments.• DIU always invites and hosts mega events like 21st International Convention on Students Quality Control Circles-2018 (ICSQCC-2018) where about eight hundred local and foreign participants took part. Bangladesh Society for Total Quality Management (BSTQM) in association with Daffodil International University (DIU) organized the convention from May 03-06, 2018 in Bangladesh. Hosing ICT Carnival, Regional Programming Contest, International Social Business Summer Program, Summer Camp, Winter Camp etc. are among others.
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<div data-bbox="203 224 396 415">  </div> <p data-bbox="203 451 445 613">Achieve gender equality and empower all women and girls</p>	<p data-bbox="493 224 827 423">Creating awareness and taking initiatives to ensure gender equality within the institution as well as in the country</p>	<ul data-bbox="850 228 1978 630" style="list-style-type: none"> • DIU Hosted and Facilitated National Girls' Programming Contest-2019 to ensure gender equality in programming language arena. • DIU has a Mentoring Scheme/Policy especially for female students: http://dsa.daffodilvarsity.edu.bd/index.php/introduction • DIU has a scholarship policy where special program is available for female students to ensure gender equality: https://daffodilvarsity.edu.bd/photos/other/waiver-policy.pdf • There are some other targeted Supports for Women at DIU: <p data-bbox="898 667 1978 740">DIU Medical Center Facility Link: https://daffodilvarsity.edu.bd/medical/diu-medical-center</p> <p data-bbox="898 781 1978 902">Daffodil Angel's Day Care: https://daffodilvarsity.edu.bd/daycare/ Maternity Leave Policy: https://sustainability4d.daffodilvarsity.edu.bd/maternity-leave-policy</p> <ul data-bbox="850 943 1978 1458" style="list-style-type: none"> • Daffodil International University encourage gender equality. Hence, DIU arranged female cricket tournament at its premises. • Ms. Sadia Zafrin Lia, Senior Lecturer of English of DIU attended a national workshop on Linking SDGs 5 and 16: Next Steps in Research and Practice, arranged by Bangladesh Legal Aid Services Trusts (BLAST) on 21 September, 2019. • Implementing workplace gender equity, including those for improving the representation of women in university leadership positions and senior academic roles • Implemented 'no gender pay gap'
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		<ul style="list-style-type: none"> • Following and implementing the on campus Anti-harassment policy, especially for women • DIU arranges various events, such as, Mom-Preneur, a special initiative to empower the mothers of the kids through becoming entrepreneur; formed human chain to raise the Voice for the Elimination of Violence against Women; seminar on “Social Awareness and Ethical Development of female students” etc. • Participation and arranging in campaigns against corruption, drugs, women repression and acid throwing that created a mass awareness against corruption, drugs, women repression and acid throwing which will help build a safe society irrespective of gender castes and creeds.
 <p>6 CLEAN WATER AND SANITATION</p> <p>Ensure availability and sustainable management of water and sanitation for all</p>	<p>Conducting research and creating awareness for ensuring clean water and proper sanitation</p>	<ul style="list-style-type: none"> • Daffodil International University (DIU) has been using organic waste management program where the organic waste of the university is used to produce gas, power and composting through its biogas plant which reduces the consumption of national electricity and gas along with chemical pesticides use in green plantation and vegetation in the campus. • DIU has also been using inorganic waste management program where reusable wastes are being reused at the campus through transformation & innovations. It has a planning to utilize the other non-reusable waste materials to produce fuel oil, carbon black and combustible gas. • Daffodil International University has been striving to do Sewerage Disposal with appropriate treatment so that it does not harm the environment. It has a better plan for Sewerage Disposal which will be very much helpful for the environment and sustainability concern.

		<ul style="list-style-type: none"> • Water conservation in DIU Lake Research project has been undertaken to improve the quality of water through green herbs, consequently the water may be used in the house hold purposes. • Rain water harvesting system implemented in the ground floor of academic building 4. The water preserved from rain water harvesting is used for the following tasks with the help of different piping system: <ul style="list-style-type: none"> ○ garden sprinkler system ○ car washing ○ watering the plants ○ use in the swimming pool use in water fountain and fish cultivation • The hand and mouth washed used water is preserved in a different preserving tank which is used for toilet flushing and saves a huge amount of fresh water wastage • The Use of Water Efficient Appliances (Water tap, toilet flush, etc.). DIU uses water efficient tap which reduces wastage of water. • DIU utilizes the used water to be re-used in toilet flush which saves a huge amount of clean water from being wasted. • Providing purified free drinking water for students, staff and visitors
 <p>7 AFFORDABLE AND CLEAN ENERGY</p>	<p>To conduct research and help relevant authority to implement the research outcome to ensure clean and safe energy for all</p>	<ul style="list-style-type: none"> • A team from the Department of Environmental Science and Disaster Management of Daffodil International University along Dr. Mahfuza Parveen, Assistant Professor, ESDM, DIU were invited to attend a program titled "NASA's Contribution to Natural Resource Management in Bangladesh" at The American Center, Dhaka. This program is patronized by USAID and USFS.

<p>Ensure access to affordable, reliable, sustainable, and modern energy for all</p>		<ul style="list-style-type: none"> • Use of the Multi-Commodity Solar Tunnel Dryer (MCSTD) technology for drying the food items by Department of Nutrition and Food Engineering, DIU, Bangladesh which saves a good amount of electricity and carbon emission. • Daffodil International University has been striving towards energy efficient institution where less electricity will be consumed and solar energy along with direct sun light will be utilized. DIU is reducing the use of electricity day by day which has direct impact on less carbon emission as well. The University is also going for alternative sources of energy, i.e., solar energy, biogas plant, wind power system etc. It is also using energy efficient appliances in all its buildings which resulted in reduction of electricity consumption. The chart shows the reduction of electricity consumption in 2018 comparing to the previous years. • Natural Ventilation and day light is used in most of the classroom of Daffodil International University which saves a lot of energy consumption and saves the climate through less carbon emission. • Students of Department of Environmental Science and Disaster Management are conducting research to extract energy (fuel oil) from used and left-over plastic bags and plastic products. • DIU has set up Rooftop Solar Panel used for using 1500 KWH power annually which saves a good amount of electricity and carbon emission. • DIU has bio gas plant and fossil fuel technology which reduces the waste materials and ensures the proper re-use of waste materials for producing natural gas and small amount of power as well. This technology helps the environment by not making pollution.
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<div data-bbox="205 224 394 414" data-label="Image"> </div> <p data-bbox="199 451 472 820">Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</p>	<p data-bbox="493 224 829 633">To prepare and develop the graduates and future leaders for economic development of the country through considering the well-being of the environment and its sustainability</p>	<ul data-bbox="850 227 1984 1437" style="list-style-type: none"> • DIU established a separate academic Department namely “Department of Innovation and Entrepreneurship” with the aim of developing skilled graduates who can create alternative employment through their entrepreneurial mindset and create employment opportunities for others as well. • Department of Software Engineering of DIU organized a two-day 2nd International Conference on Cyber Security and Computer Science during 15-16 February, 2020. • Organizing ‘Industry-Academia Lecture Series for Entrepreneurship Development’ to prepare the students for job market and ensuring their employment. As outcome of this event, various organizations are conducting spot recruitment at DIU for employing DIU graduates. • Financial Literacy Campaign: DIU supported this initiative since 2014. The objective is to develop the saving habits and develop entrepreneurs. The event is initiated in association with Child & Youth Finance International and every year we reach 100000+ directly and indirectly. DIU initiates different workshops, Mind Mapping Session, Talk Sessions (Online/Electronic Media, News Media) to aware the Children. https://www.globalmoneyweek.org/countries/178-bangladesh.html. • Providing appropriately positioned and supported scholarship and financial assistance schemes for students in need • Established Expert Retired People's Association (ERPA)-Bangladesh: Involving the retired expert people in various significant projects for socio-economic development, Bringing world-class standards of professionalism and a strong corporate identity with the technical skills and knowledge of retired experts.
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 <p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</p> <p>Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p>	<p>To strongly strive for creating enabling environment for sustainable and inclusive development through research and innovations</p>	<ul style="list-style-type: none"> • The Department of Innovation and Entrepreneurship of DIU initiated and published an online journal titled: Innovation and Entrepreneurship Practices which encourages scholarly and innovative ideas, writings etc to foster innovations and entrepreneurship in the country. • DIU organized the Daffodil ICT Carnival 2019 to Facilitate Innovation and Industrial Growth. Thousands of students with creative mind and innovative ideas showcased their own innovative projects. Some of the practically implementable projects are being implemented with the assistance of the university. • Bangladeshi Startup ‘shomadhan.com’ has achieved the recognition of World Business Angels Investment Forum (WBAF). WBAF selected 95 startups from 43 countries around the world for WBAF World Congress-2020 held in Turkey during February 16-22 where ‘shomadhan.com’ was only one startup from Bangladesh among those selected startups.


		<ul style="list-style-type: none"> • Department of Innovation & Entrepreneurship, Daffodil International University organized a Panel Discussion on Circular Economy on 11 March, 2020 at the Campus TV Studio, DIU. • MBA in Social Business: In November 2019, DIU in collaboration with Yunus Centre Dhaka developed a MBA Program on Social Business. The MBA in Social Business opens a new door for the knowledge seekers who want to pursue their higher study in Social Business which is a great philosophy of Nobel Laureate Professor Muhammad Yunus. Through this course, students will learn how Social Business works to solve a particular social problem and how it helps to achieve SDGs. • "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. • To foster the culture of research and innovation, DIU organizes Annual Research Award Giving Ceremony to award the outstanding research and innovations of DIU faculty and students. • Globally most popular solo public lecture program TED Talk was held under the title 'TEDxdaffodilU' in the 71 Auditorium of Daffodil International University on 13 October, 2018. Organized by Career Development Center (CDC) of DIU, the program was addressed by ten renowned personalities of the country with the theme of 'The Next: Life and Beyond'. • Certificate Courses Leading to Diploma in Aviation Management has been offered by HRDI, DIU. The course is suitable to those who are willing to develop their career in aviation industry as well as who are currently working
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		<p>in the aviation industry. HRDI has been offering the course with the approval of Civil Aviation Authority of Bangladesh (CAAB).</p> <ul style="list-style-type: none"> • DIU established Innovation Lab at Daffodil International University to Facilitate Startup and Entrepreneurship. • 4th International Conference on Globalization, Entrepreneurship and Emerging Economics (ICGEEE-2019) hosted by Daffodil International University. • Round Table Discussion on ‘Angel Investment in Bangladesh: The Way Forward’ held at Daffodil International University. • Hosted and Organized the Workshop on Positive Leadership: Developing Social Innovators. • Introduced One Student One Laptop Project at DIU: The initiative helps students to be well attached with the updated knowledge and applications of ICT sector and can play a vital role in their future career. It also helps to build ICT based nation. • DIU innovated and launched Helicam/quadcopter. This Spy Quadcopter/Helicam was built after three months restless efforts from the students of DIU. Spy quadcopter or Helicam is a remote-controlled mini helicopter • Striving to building sustainable and resilient infrastructure that supports wellbeing and minimizes environmental impact • Implementing sustainable IT infrastructure in all the campuses
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		<ul style="list-style-type: none">• DIU students innovated Solar Car. The Solar Car project won the best future award in 2014-2015 Electric Solar Vehicle Championship in India.• Humanoid Robot “Dbot” was innovated by DIU students: The aim of this robot is to help in the education sector, especially young children learning numbers and alphabets. Along with many other features this human shaped robot can help to learn and it can interact with user. Besides English ‘Dbot’ can follow instructions in native language. It can fulfill the purpose of entertainment also. Its use is being extended progressively. The robot is a result of one year’s research and development.• DIU has recently set up Innovation Lab in its permanent campus at Ashulia, Dhaka.• DIU hosted the “Youth4SDG Asia Leadership Program 2019 “in Bangladesh organized by Youthink Center China with active participation of 18 talented students from 18 different universities in China. Under this program, the young leaders worked to create the social business plan after surveying different villages of Bangladesh under case study. They also visited the small enterprises, social business project, and had sessions on Social Business model Canvas etc.• DIU researchers innovated a new technology for preserving seasonal fruits and vegetables for a long time. The technology called, ‘Multi Community Solar Tunnel Dryer Plant’, is the outcome of a research conducted with the cooperation of Centre on Integrated Rural Development for Asia and the Pacific.
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 <p>Reduce inequality within and among countries</p>		<ul style="list-style-type: none"> • Community Outreach program held at “Gyaner Pathsala (School of knowledge)”- a voluntary initiative of the students of the Department of Electrical and Electronic Engineering of Daffodil International University. • Community Educational Services beyond Campus by the Change Together Association of DIU. • DIU observed the 'International Day for the Elimination of Violence against Women'. • Discussion session on "Online Harassment in Bangladesh Context" organized by Daffodil International University in association with Friedrich Naumann Foundation was held on 20 February, 2020. • To ensure the uninterrupted teaching and education of the female students and faculty members of DIU, Daffodil Angels Day care has been set up with all required amenities in a nice and friendly environment where the children of the female students and faculty members are being taken care during their study and teaching period. • Gradually managing the pay gap between lowest and highest paid staff


		<ul style="list-style-type: none"> • Providing a supportive, inclusive and safe working and learning environment for all irrespective of gender, religion, race, region, social background etc.
 <p>11 SUSTAINABLE CITIES AND COMMUNITIES</p> <p>Make cities and human settlements inclusive, safe, resilient and sustainable</p>	<p>DIU researchers to collaborate with local government, citizen and urban planner to ensure a livable and safe city for all</p>	<ul style="list-style-type: none"> • Prof. Khairul Enam and Sk. Md. Rezwan of Department of Architecture, DIU have been closely working with the relevant Government agency regarding Policy Guidelines for Inclusion in National Policy on Road Transportation and Prepared and submitted a Report on Integrating Pedestrian Circulation with Proposed Rapid Transit Route: Design Proposal of a Skywalk for Smart Dhaka. • Department of Environmental Science and Disaster Management have showcased a project named "Desalination Plant" at the International Clean Technology Fair 2019. • Department of Architecture of Daffodil International University in partnership with Friedrich Naumann Foundation (FNF) Bangladesh organized a discussion session on Integrating Pedestrian Circulation with Elevated BRT & Expressway on 6th October, 2018 at the university premises. The session highlighted the Concept of skywalk or elevated walkway in the context of populated city like Dhaka. • DIU has implemented a Pedestrian Walkway Safety Policy in its campus (https://sustainability4d.daffodilvarsity.edu.bd/pedestrian-walkway-safety-policy) • Providing safe and affordable on-campus hostel facilities for students and Planning the accommodation facilities for staff as well • As part of developing Smart Cities, Daffodil International University along with Friedrich Naumann Foundation (FNF) Bangladesh organized a Seminar on Public Opinion - Master Plan of Gulistan Skywalk on 25th May 2019.


		<ul style="list-style-type: none"> • Implemented a green campus concept where more than sixty percent land area has been kept open and green • DIU arranges various events on a regular basis, such as, learning session on “Road Safety & Social Engagement of Students”; workshop on ‘Smart City-Good City-Our City’ which created awareness among mass people and policy makers; Round Table Discussion on “Effective Traffic Management in Bangladesh: A Catalyst for Inclusive Growth of the Country”; Traffic Awareness and Road Safety by DIU Air Rover Scout; Human Chain Program demanding safe road which created awareness among mass people and policy makers etc.
 <p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p> <p>Ensure sustainable consumption and production patterns</p>	<p>To make the stakeholders aware of the issue: sustainable consumption and production considering the well-being of the nature</p>	<ul style="list-style-type: none"> • Initiated Plastic products recycling project • Taking measures to reduce all wastes including hazardous waste • Ensuring safe practice for hazardous waste handling and disposal • Incorporating sustainability and ethical considerations into purchasing policies, procedures and activities • Daffodil International University (DIU) has been using organic waste management program where the organic waste of the university is used to produce gas, power and composting through its biogas plant which reduces the consumption of national electricity and gas along with chemical pesticides use in green plantation and vegetation in the campus. • DIU has also been using inorganic waste management program where reusable wastes are being reused at the campus through transformation &

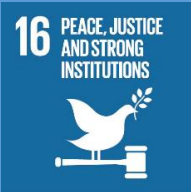
		<p>innovations. It has a planning to utilize the other non-reusable waste materials to produce fuel oil, carbon black and combustible gas.</p> <ul style="list-style-type: none"> • Daffodil International University has been striving to do Sewerage Disposal with appropriate treatment so that it does not harm the environment. It has a better plan for Sewerage Disposal which will be very much helpful for the environment and sustainability concern.
 <p>Take urgent action to combat climate change and its impacts * (* in line with UNFCC)</p>	<p>Working to create awareness of the bad effects of climate change and doing research to tackle the challenges to be faced due to climate change as well as undertaking some activities related to this.</p>	<ul style="list-style-type: none"> • DIU launched DIU Earth and Climate Club is under the department of Environmental Science and Disaster Management (ESDM) of Daffodil International University. The motto of this club is "Making the world more sustainable for a green future". (https://www.facebook.com/DIUEarthandClimateClub) • Daffodil International University encourages students to use bicycles as a means of their transportation to and from the DIU campus. Daffodil International University is well-positioned to promote pedestrian and bicycle transportation because they have a captive audience of students, faculty, and staff for the duration of their degree programs or terms of employment. Both Faculties and students use bicycle as a means of transportation at the DIU campus as it is pollution free, good for the environmental sustainability and human health as well. DIU has a Zero Emission Policy: https://sustainability4d.daffodilvarsity.edu.bd/zero-emission-policy • • A team from the Department of Environmental Science and Disaster Management of Daffodil International University has participated in an event named "Youth Engagement in Disaster Risk Reduction" which is organized by

		<p>BRAC Humanitarian Programme which was held on 30th November 2019 at CIRDAP.</p> <ul style="list-style-type: none"> • Environmental and Social Development Organization (ESDO) organized a workshop entitled "Single Use Plastic: Hidden Cost of Health and Environment" on 03 November 2019 at Four Seasons Restaurant, Dhaka. Faculty members of ESDM Dr. Mahduza Parveen, PhD, Assistant Professor, ESDM, DIU, Sadril Islam Khan, Lecturer, ESDM, DIU and some students this department has joined this workshop. • A team of six members from the Department of Environmental Science and Disaster Management (ESDM), DIU had participated "Disaster Response Exercise and Exchange (DREE) Bangladesh 2019" which is organized by: Ministry of Disaster Management and Relief, Bangladesh Armed Forces Division and United States Army Pacific. It was a continuous 5-day program from 27- 31 Oct 2019. • Students from the Department of Environmental Science and Disaster Management, DIU have joined an event named 'International Lead Poisoning Prevention Week-2019' under the theme of 'Learn the Risk, Join the Action, Eliminate Lead Paint' a human chain was formed in front of National Press Club. Environmental and Social Development Organization (ESDO) has organized this event and also they have made a mobile campaign to create awareness among mass people on #BanLeadPaint in front of TSC. All the team members of Environment and Social Development Organization-ESDO, Girls' Guide have joined the human chain with different placards, festoon etc. and urged their voice to ban the lead containing paints in Bangladesh. • Two students from the Department of Environmental Science and disaster management, DIU were named champion in Climathon Dhaka 2019. The program was organized by Gen Lab and was held for 30 continuous hours
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		<p>on 25-26th Oct 2019. Their team name was "The Waste Fixers" with included 3 more students from Bangladesh University of Professionals.</p> <ul style="list-style-type: none"> • The students of the Department of Environmental Science and Disaster Management, Daffodil International University has visited the Beach Sand Minerals Exploitation Center (BSMEC) at Cox's Bazar on 7th October 2019. Beach Sand Minerals Exploitation Centre (BSMEC) of Bangladesh Atomic Energy Commission (BAEC) is engaged with the exploration and exploitation of valuable minerals present in the coastal areas of Bangladesh. A seminar was held on with our students and faculty members. • In the Annual Conference of Association of the Universities of Asia & Pacific (AUAP), Dr. Md. Sabur Khan, Chairman, BoT, Daffodil International University as well as the Vice President (2nd) of AUAP has given a Keynote entitled 'Cleaner and Greener Environment for a Safer World' at AUAP Annual Conference on November 11, 2019 at Ekathotsarot 301 Auditorium in Naresuan University (NU), Thailand. • Daffodil University organizes its paperless Academic Council Meeting to ensure zero paper use in the meeting. This initiative helps to safeguard the environment as papers come from cutting the trees. • DIU distributes jute bags to more than 3000 graduates each year as convocation kit as a replacement of plastic bags. • DIU uses Enterprise Resource Planning (ERP) System for performing activities and tasks at DIU to reduce use of paper and safe the environment. • Tree Plantation Program: The program helped to develop a green environment in the campus; Trees produce oxygen and removes carbon dioxide and contaminants from the air and helps human being to live;
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		<p>Planting trees also help to cool the environment and surroundings in the summer which results in less use of air conditioners and save a huge amount of energy</p> <ul style="list-style-type: none"> • Incorporating aspirational environmentally sustainable design aspects to capital works • Green Transport Celebration and Tree Plantation which has direct impact by reducing the carbon emission • Arranged awareness building seminar on 'Health effect of climate change in Bangladesh'
 <p>14 LIFE BELOW WATER</p> <p>Conserve and sustainably use the oceans, seas and marine resources for sustainable development</p>		<ul style="list-style-type: none"> • The Department of Environmental Science and Disaster Management (ESDM) celebrated the World Wetlands Day (WWD) 2020. The theme for 2020 WWD was "Wetlands and Biodiversity". Celebrated every year on 2 February, WWD marks the date of the adoption of the Convention on Wetlands in the Iranian city of Ramsar on the same day in 1971. • DIU prepared a Documentary on the Cox's Bazar field trip which was entitled to "Coastal and Marine Environmental Challenges". The trip was on 5-7th October 2019 and they have visited the "Bangladesh Oceanic Research Institute (BORI)", Beach Sand Minerals Exploitation Center (BSMEC) of Bangladesh Atomic Energy Commission, Radiant Fish World and many other natural spots (https://www.youtube.com/watch?v=ITIL1OX8MOO&feature=youtu.be). • Students of the Department of Environmental Science and Disaster Management, DIU has participated DHAKA WATER KNOWLEDGE DAYS 2019 at Lakeshore Hotel in Gulshan, Dhaka. It was a continuous 5-day long (27-31 Oct) programme of engaging presentations and training workshops on (1) Flood Risk Management; preparing for the future, (2)

		<p>Ground- and surface water management; securing vulnerable water resources, (3) Morphology, erosion and sediment management; key to development, (4) Water quality and salinity; safeguarding water security and (5) Disaster Risk Reduction; inclusive and integrated approaches.</p> <ul style="list-style-type: none"> • Students of the Department of Environmental Science and Disaster Management, Daffodil International University went to visit the "Bangladesh Oceanic Research Institute (BORI)" on 6th October 2019 during Cox's Bazar field trip. A seminar was held on this institute with our students and faculty members.
 <p>15 LIFE ON LAND</p> <p>Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</p>	<p>Contribute to the achievement of the Sustainable Development Goals by ensuring our campuses and major programs are environmentally sustainable and socially inclusive</p>	<ul style="list-style-type: none"> • DIU established a separate academic department namely: Department of Environmental Science and Disaster Management with the aim of taking on the challenges of restoring the degraded ecosystems caused already to our environment by training skilled and committed experts who can work with governmental and non-governmental agencies, by undertaking research to provide accurate data to help us to survey the extent of the damage and assess different strategies to overcome it, and to champion projects that aim at low-cost, sustainable remedies. • To create environmental awareness through cleanliness of young minds, Daffodil International University observed "Cleaning Festival 2012" • Organized Dialogue on 'Rohingya Crisis: Challenges and Way Forward' at Daffodil International University • DIU ranked 1st among Bangladeshi universities and 150th globally in the UI GreenMetric World University Rankings-2019 which gives emphasis on campus sustainability performance. • In Bangladesh for example, USAID is working with young researchers from Daffodil International University (DIU) to increase the use of science and

		<p>analysis for decision making to conserve natural resources and protect the country's critical ecosystems. USAID has also contributed to the Bengal tiger preservation that has resulted in the increase of the tiger population from 89 to 146 in 2019. Healthy ecosystems provide clean water, food security, and livelihoods for people around the world. https://bd.usembassy.gov/ambassador-millers-visit-to-sunda.../</p>
 <p>Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</p>	<p>Making the stakeholders aware of the challenges of SDG 16 and ensuring their engagement in implementing peace and justice in the society.</p>	<ul style="list-style-type: none"> • Dr. Kudrat E Khuda Babu, an Associate Professor of Law of DIU has been selected as an associate member of the Centre for the Study of Global Human Movement of the Cambridge University (https://www.humanmovement.cam.ac.uk/di.../kudrat-e-khuda-babu/). • Developing policies, procedures and plans to ensure the campus is safe for all staff, students and visitors • A workshop on "Taming your anger" was held at the Permanent Campus of Daffodil International University. Ms. Bilkis Khanam, Psychologist of Daffodil International University was the facilitator of this workshop. The main objective of the workshop was to help participants to gain insight into angry feelings, decrease the overall intensity and frequency of anger and increase the ability to express anger in a positive way while developing better control and more serenity. • A session titled "Conflict Management" facilitated by Shahzadi Mishty, Fellow, Teach for Bangladesh held at DIU, PC in the Boot Camp named Metamorphosis-Rise Above Your Dream. Different leadership & team building games were played after the session to bring out the true leadership and team work ability of the participants.

- Dr. Kudrat E Khuda Babu, an Associate Professor of Law Department at Daffodil International University participated in the 3rd Edition of International Youth Forum, took place 14-15 September, 2019 at Central Hall, Omandurar Government Estate, Chennai, India as an Ambassador for Peace. The program was organized by the *International Youth Forum* and supported by *Indian Government*.
- Daffodil University organized Engaging youth for initiating world peace through peace dialogue: Daffodil IMUN 2019.
- Ms. Sadia Zafrin Lia, Senior Lecturer of English of DIU attended a national workshop on Linking SDGs 5 and 16: Next Steps in Research and Practice, arranged by Bangladesh Legal Aid Services Trusts (BLAST) on 21 September, 2019.
- Dr. Kudrat-E-Khuda Babu, Associate Professor, Dept. of Law, Daffodil International University attended the 'Global Peace Summit Malaysia-2020' as a selected International Delegate and his selection is made from the pool of 7000+ applications across the globe.
- 2-day long International conference titled "Postcolonial Perspectives: Language, Literature and Culture and the Global South", organized by the Department of English, Daffodil International University during 15-16 February, 2020.
- Ensuring that the policies and culture of the institution clearly indicate that bribery, corruption, violence, crime and acts of terrorism get zero tolerance
- YES Group (Youth Engagement & Support) , an Anti-corruption student organization of Transparency International Bangladesh (TIB) has been

		<p>officially started its journey at Daffodil International University through colorful orientation & Oath taking program held on 12 September 2018 at 71 Milonayoton of the university. This young YES group members are working to ensure a corruption-free and transparent society.</p> <ul style="list-style-type: none"> • Organizing cross-cultural activities on campus peacefully • Ensuring that all staff and students have access to justice and information about their rights • Department of Law of DIU organized a special program on “Lecture on Media Laws: Special Focus on ICT Laws” which created awareness among students and faculties regarding ICT laws of the country.
 <p>Strengthen the means of implementation and revitalize the global partnership for sustainable development</p>	<p>Utilizing the global partnership to contribute towards implementation SDGs</p>	<ul style="list-style-type: none"> • Asian University Presidents Forum (AUPF)-2019 focusing Partnership in the Region, hosted by Daffodil International University in 2019. • DIU conducted a Survey and published a report on ICT Job Market in Bangladesh 2018. It was a very first of its kind in Bangladesh to publish such a report which emphasized the importance of partnership among stakeholders for creating a balanced job market environment. • DIU achieved a prestigious position within top 300 world universities by the Times Higher Education Impact University Rankings-2019 which recognizes the activities, initiatives, contributions and impact of sustainable related activities and SDGs. • A discussion meeting of the Department of Electrical and Electronic Engineering (EEE) with SME Entrepreneurs was held on Monday, 5 August,

		<p>2019 at Conference room of SME Foundation. The initiative was an example of DIU's partnership with the Government agency for development of SMEs.</p> <ul style="list-style-type: none"> • Daffodil University hosted the International Social Business Summer Program (ISBSP) 2019 in collaboration with Yunus Centre (A Centre of Nobel Laureate Dr. Yunus). International Social Business Summer Program (ISBSP) is a two weeks long unique summer school that offers action learning on Social Business for achieving SDGs. The work of the summer course is equivalent to three (3) credits. So, besides broad learning experience, participants get certificate after successful completion of ISBSP. The summer program creates chance to Meet Nobel Laureate Professor Muhammad Yunus as well as explore the Bangladeshi culture and heritage. For more: https://isbsp.daffodilvarsity.edu.bd. • DIU Delegation Contributed in the Working Group-1 following the topic: "Taking Action at Home: SDGs as a Core Pillars of University Governance" during 7th ASEF Rectors' Conference and Students' Forum in Romania. • Daffodil International University (DIU) hosted "Youth4SDG Asia Leadership Program 2019" in Bangladesh organized by Youthink Center China with active participation of 18 talented students from 18 different universities in China. Under this program, the young leaders worked to create the social business plan after surveying different villages of Bangladesh under case study. They also visited the small enterprises, social business project, and had sessions on Social Business model Canvas etc. • Daffodil Nordic Joint Collaboration to Tackle the Challenges Towards Achieving SDGs. The center is primarily focused on developing skilled human resources and bringing social transformative changes into the following areas: Health management (SDG-3); Quality Education & Training (SDG-4) and Environmental Management (SDG 7, 8, 11, 12 & 13).
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		<ul style="list-style-type: none">• DIU arranges Cross Cultural Discussion Session with the Students & Members of Social Business Students' Forum (SBSF)• National Final of 'Get In the Ring 2019-2020' Bangladesh chapter organized by Daffodil International University in partnership with Friedrich Naumann Foundation and Get in the Ring Foundation (Collaboration with NGO)• Presentation Session and Workshop on the "Study Report of 'Future Skills' by a2i - Access to Information" held at Daffodil International University (Collaboration with the Government).• Daffodil International University (DIU) is the only university from Bangladesh that attended EURASIA HIGHER EDUCATION SUMMIT (EURIE) 2020 from 19 to 21 February 2020 in Istanbul, Turkey having a dedicated booth with the purpose of new global connections, network and academic partnership with higher education institutions around the world.• Daffodil International University has a strong partnership with more than four hundred universities and educational institutes around the world in order to jointly work for sustainable research and development.• Through erasmus+, Mevlana Protocol, KGSP and other scholarships, DIU is creating opportunities for students to study abroad, get better global education and build their career.• It also has effective partnership with various industries to undertake research on their practice of sustainable and environment-friendly industrial production process.
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