Report on

ULAB Curriculum Mapping to Sustainable Development Goals

Background

In 2004, the University of Liberal Arts Bangladesh (ULAB) was established with a Vision to "be the best university in Bangladesh and a leader in South Asia." As highlighted in its Mission, the ULAB is an institution devoted to developing young minds to their fullest potential through the free and creative pursuit of knowledge. The university is firmly committed to helping young men and women to become responsible and caring citizens of their nations and the world. To fulfill these aims, the ULAB adopts an array of traditional and innovative academic and extra-curricular programs, and brings to its students the best that has been thought and accomplished in the arts and sciences throughout the world .

The ULAB's core values are the standards that drive its culture, guide its conduct, and set the minimum expectations for everyone at the ULAB and include Love of Lifelong Learning; Practicing Integrity and Leadership; Encouraging Innovation; Promoting Tolerance; and The Pursuit of Excellence. The ULAB is committed to quality education by developing systems for conscious, consistent and catalytic action to improve academic and administrative performance. It promotes measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices. It ensures, at all times, compliance with statutory and regulatory requirements of the land.

This report summarizes a mapping exercise of ULAB's prominent courses from the various department and how they align with the 17 SDG goals. The report also contains a full-fledged course mapping output, an analysis, a dashboard and the brief description of each department of ULAB. 86 prominent courses were mapped from 6 departments of ULAB. Faculties from the various department mapped their courses that were taught each semester in 2019 based on three dominant criteria's- **Learning Objectives, Content and Learning Activities.** Though within a semester, 276 courses were taught, here 86 major courses are mapped which captures the wide berth on how the courses align with the SDG goals. See below the courses mapped from each Department. For 2020, the plan is to map all courses from all 6 Departments, alongside with SDG orientation and mapping exercise training for all staff.

This Report was initiated by members of the ULAB Times Higher Education Impact Ranking Committee and conducted by Dr Samiya Selim, Director of Center for Sustainable Development, Dr Mohammad Tareque Rahman, Director of the Center for Excellence in Teaching and Learning, and Ms Fariha Munir Nowmi

The SDG Mapping Dashboard

Schools	Department	Program	Mapped Courses	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Website
1. School of Arts and Humanities	Department of English and Humanities	Bachelor of Arts in English	ENG 114- Pronunciation (Phonetics and Phonology)																		https://sah.ulab.edu.bd/bae/
			ENG 115- Introduction to Drama																		
			ENG 204 Introduction to Literary Theory																		
			ENG 312 Modern American Drama																		
			ENG 335 Literary Theory and Criticism																		
			ENG 223 Romantic poetry																		
			ENG 403 Post-colonial Theories and Literature																		
			ENG 313 Modernism- Early Twentieth Century Literature																		
			ENG 411 Semantics and Pragmatics																		
			ENG 435 Research Methodology																		
			ENG 413 Advanced Composition and Stylistics																		
			ENG 431 Eastern Classics in Translation																		
			ENG 402 Victorian Literature																		
2. School of Social Science	Department of Media Studies and Journalism	Bachelor of Social Science, Media Studies and Journalism	MSJ 11453 Communication and Culture																		https://sss.ulab.edu.bd/msj/
			MSJ 11212 Introduction to Journalism																		
			MSJ 11374 Introduction to Photography																		
			MSJ 11211 Mass Communication																		
			MSJ 11326 Reporting on the Economy and the climate change																		
			MSJ 11333 Writing for Film and Television																		
3. School of Business	Department of Business Administration	Bachelor in Business Administration (BBA)	BUS 105/MBA 514 Micro Economics																		https://usb.ulab.edu.bd/bba/
			BUS 201 Introduction to Macro Economics																		
			BUS 301 HR Management																		
			BUS 105 Introduction to Micro Economics																		
			BUS 102 Principles of Accounting																		
			BUS 104 Introduction to Finance																		
			BUS 304 Management Information System and E-commerce																		
			BUS 422 Security Analysis and Portfolio Management																		
			BUS 306 International Business																		
			BUS 454 Brand Management																		
			BUS 302 Financial Management																		
4. School of Science and Engineering	Department of Computer Science and Engineering	Bachelor of Science in Computer Science and Engineering (CSE)	CSE 205 Discrete Mathematics																		https://sse.ulab.edu.bd/cse/
			CSE 305 Algorithms																		
			CSE 433 Computer Security																		
			CSE 101 Introduction to Computer Studies																		
			CSE 103 Structured Programming																		

			CSE 203 Computer organization and Architectures																		
			CSE 204 Operating System																		
			CSE 207 Data Structures																		
			CSE 303 Database Management Systems																		
			CSE 306 Algorithms Lab																		
			CSE 309 Data communications and Computer Networks																		
			CSE 401 System Analysis and Design																		
			CSE 404 Software Engineering																		
			CSE 410 Artificial Intelligence																		
			CSE 412 Programming with Java																		
			CSE 417 Automata and Theory of Computation																		
			CSE 436 Introduction to Robotics																		
			CSE 438 Smartphone Application Development																		
			CSE 480 Web Technology																		
			CSE 499 Internship/ Project/ Thesis																		
	Department of Electrical and Electronic Engineering	**Bachelor of Science in Electrical and Electronic Engineering (EEE)**	**PHY 101 Physics 1**																		**https://sse.ulab.edu.bd/eee/**
			EEE 403 Control System Engineering																		
			EEE 316 Electrical Service Design																		
			EEE 4196 Final Year Capstone Project																		
			EEE 430 Optoelectronics																		
			EEE 477 Renewable Energy Systems																		
			EEE 311 Microprocessor and Embedded Systems																		
			EEE 467 Power System Protection																		
	Department of General Education		**GED 218 Professional Ethics**																		**https://ged.ulab.edu.bd/**
			GED 217 Introduction to Climate Change Debate																		
			GED 231 History and Method of science																		
			GED 205 Introduction to Sustainable Development																		
			GED 209 Environmental Science																		
			GED 467 Seminar on Grassroots Economic Development																		
			GED 462 Social Theory and methods of social research																		
			GED 227 Biodiversity and Nature Conservation																		
			GED 233 Introduction to Science study																		
			GED 418 South Asian Art and Architecture																		
			GED 225 Introduction to Archaeology																		
			GED 101 Bangla Bhasha																		
			GED 103 History of the Emergence of Independent Bangladesh																		
			GED 201 World Civilization																		
			GED208 Introduction to Sociology																		
			GED 223 Global political Economy																		
			GED 316 Industrial management																		

Data compilation

Department	Course No	Course Name	SDG		Evidence (*Hyperlinked*)	
			Goal	Target	Course Outline	Course mapping
GED	GED 218	Professional Ethics	3, 4, 5, 9,10, 13, 16	4.3		Link
	GED 217	Introduction to Climate Change Debate	5, 12, 13	5.5, 12.2, 12.8, 13.1, 13.3, 13.b		Link
	GED 231	History and Method of science	12, 13	13.3		Link
	GED 205	Introduction to Sustainable Development	All 17 goals	4.7		Link
	GED 209	Environmental Science	6, 12, 15	6.3, 6.4, 6.6, 12.a, 12.4, 12.5, 12.8		Link
	GED 467	Seminar on Grassroots Economic Development	1, 4, 5, 10, 16	1.1, 1.2, 1.b, 4.7, 5.1, 5.c, 10.1, 16.6, 16.7		Link
	GED 462	Social Theory and methods of social research	4	4.7		Link
	GED 227	Biodiversity and Nature Conservation	14, 15	14.2,, 14.7, 15.1, 15.2, 15.5, 15.8		Link
	GED 233	Introduction to Science study	12, 13	13.3		Link
	GED 418	South Asian Art and Architecture	11	11.4		Link
	GED 225	Introduction to Archaeology	11	11.4		Link
	GED 101	Bangla Bhasha	4, 11	4.a, 11.4,		Link
	GED 103	History of the Emergence of Independent Bangladesh	11, 16	11.2, 11.4, 16.3, 16.4		Link
	GED 201	World Civilization	11, 16	11.2, 16.2, 16.3		Link
	GED208	Introduction to Sociology	1, 3, 4, 5, 12, 13, 16	1.3, 1.4, 3.9, 4.a, 5. 5, 9.b, 11.a, 12.c, 13.3,16.1, 16.2,		Link
	GED 223	Global political Economy	1,8, 10, 11, 17	1.a,1.b, 8.3, 8.4, 10.5, 10.6, 11.a, 17.1, 17.7, 17.10, 17.13		Link
	GED 316	Industrial management	4,9, 11, 17			Link
DEH	ENG 114	Pronunciation (Phonetics and Phonology)	4, 10, 11	4.2, 10.2, 11.4		Link
	ENG 115	Introduction to Drama	1, 3, 4, 5, 10, 16	1.4, 4.8, 5.1, 5.2, 5.7, 10.2, 10.3, 16.3, 16.6, 16.7		Link
	ENG 204	Introduction to Literary Theory	10,13	10.6, 13.3		Link
	ENG 312	Modern American Drama	1, 4, 5, 8, 9, 10, 16	1.7, 8.5, 10.2, 16.7		Link
	ENG 335	Literary Theory and Criticism	4, 5, 10, 13	4.3, 5.6, 10.6, 13.3		Link
	ENG 223	Romantic poetry	1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 14, 15	4.2		Link
	ENG 403	Post-colonial Theories and Literature	1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 14, 15	4.2		Link

	ENG 313	Modernism- Early Twentieth Century Literature	4,5,10	4.2.1		Link
	ENG 411	Semantics and Pragmatics	4,10,16			Link
	ENG 435	Research Methodology	4, 10			Link
	ENG 413	Advanced Composition and Stylistics	4,5,10			Link
	ENG 510	Critical Approaches to syllabus design	4			Link
	ENG 511	English Language learning and teaching	4			Link
	ENG 431	Eastern Classics in Translation	4, 5, 8, 10	4.1, 5.6, 8.2, 10.6		Link
	ENG 402	Victorian Literature	5, 6, 7, 8, 10	5.2, 5.6, 6.1, 7.4, 8.2		Link https://drive.google.com/drive/folders/1t1pTckEvu5EdQo7hPfaHjeEbYGcq5u8A
CSE and EEE	PHY 101	Physics 1	4, 9			Link
	CSE 205	Discrete Mathematics	4, 9			Link
	EEE 403	Control System Engineering	8, 9	8.3, 8.5, 9.1	https://drive.google.com/drive/folders/1GPdiAE9GHzaPwhB2Mh79RJ3VHyblSsch?usp=sharing	https://drive.google.com/drive/folders/1xYhXVBEpRsnklGncDZURXEfCrczAzLGe?usp=sharing
	CSE 305	Algorithms	4, 9, 17			Link
	CSE 433	Computer Security	4, 17			Link
	EEE 316	Electrical Service Design	3, 4, 7, 9, 11, 13			Link
	EEE 4196	Final Year Capstone Project	3, 4, 7, 9, 11, 17			Link
	EEE 430	Optoelectronics	4, 17	4.2.1, 4.3.2,17.4.1	https://drive.google.com/drive/folders/1t1pTckEvu5EdQo7hPfaHjeEbYGcq5u8A	Link
	EEE 477	Renewable Energy Systems	4,17	4.2.1, 4.3.2, 17.4.1	https://drive.google.com/drive/folders/1t1pTckEvu5EdQo7hPfaHjeEbYGcq5u8A	Link
	EEE 311	Microprocessor and Embedded Systems	4, 9, 17	4.1, 9.1, 17.4		Link
	EEE 467	Power System Protection	7, 13	7.2, 7.3, 13.2		Link
	CSE 101	Introduction to Computer Studies	4, 9, 11, 17			Link
	CSE 103	Structured Programming	4, 9, 17			Link
	CSE 203	Computer organization and Architectures	3, 9, 11			Link
	CSE 204	Operating System	4, 7, 9, 11, 17			Link
	CSE 207	Data Structures	3, 9, 11			Link
	CSE 303	Database Management Systems	4, 9			Link
	CSE 306	Algorithms Lab	4, 9, 17			Link
	CSE 309	Data communications and Computer Networks	4, 9, 17			Link
	CSE 401	System Analysis and Design	4, 9, 17			Link
	CSE 404	Software Engineering	4, 9, 11, 17			Link
	CSE 410	Artificial Intelligence	4, 9, 17			Link
	CSE 412	Programming with Java	4, 9, 17			Link
	CSE 417	Automata and Theory of Computation	4, 9			Link

	CSE 436	Introduction to Robotics	4, 9, 17			Link
	CSE 438	Smartphone Application Development	4, 9, 17			Link
	CSE 480	Web Technology	4, 7, 9, 11			Link
	CSE 499	Internship/ Project/ Thesis	4, 7, 9, 11			Link
USB	BUS 105/MBA 514	Micro Economics	1,8,10,12	8, 10		Link
	BUS 201	Introduction to Macro Economics	1, 8, 12	8, 12		Link
	BUS 301	HR Management	5, 8	5.1, 5.5, 8.5, 8.7, 8.8		Link
	BUS 105	Introduction to Micro Economics	1, 8, 10, 12			Link
	BUS 102	Principles of Accounting	4, 8, 16	4.4, 8.10, 16.6		Link
	BUS 104	Introduction to Finance	4, 8, 16	4.4, 8.10, 16.7		Link
	BUS 304	Management Information System and E-commerce	3, 4, 9, 11, 13			Link
	BUS 422	Security Analysis and Portfolio Management	6, 7, 12	6.3, 7.a, 12.4		Link
	BUS 306	International Business	13			Link
	BUS 454	Brand Management	5, 7, 10, 12, 15			Link
	MBA 312/520	Career Planning	3, 4, 5, 8, 9, 11, 13	8.1, 8.2		Link
	MBA 502	Marketing Management	5, 7, 10, 12, 15			Link
	MBA 098	Basic English	1, 4, 5, 8, 10	4.3, 4.4, 4.7		Link
	HRM 508/603	Compensation Management	5, 8			Link
	HRM 506/602	Training and Development	16, 4, 5	4.3		Link
	HRM 502/601	Manpower Planning	5, 10, 16			Link
	HRM 501	Human resource Management	5, 10			Link
	FIN 507	Corporate Finance	3,4, 11, 16,	3.4, 4.7, 16.6, 16.7		Link
	BUS 302	Financial Management	3, 4, 11, 12, 16	3.4, 4.7, 16.6, 16.7		Link
MSJ	MSJ 11453	Communication and Culture	5, 10	5 vi, 10 vi		Link
	MSJ 11212	Introduction to Journalism	4,16	4.4, 16.10		Link
	MSJ 11612	New Media and Management	9	9b		Link
	MSJ 11374	Introduction to Photography	4	4.4		Link
	MSJ 11211	Mass Communication	16	16.10, 16.A, 16. 3, 16.5, 16.7, 16.8		Link
	MSJ 11326	Reporting on the Economy and the climate change	13	13.A, 13.1, 13.3		Link
	MSJ 11333	Writing for Film and Television	3, 4, 5, 6, 13	3.5, 3.6, 3.7, 4.4,4.7, 5.2, 5.3, 6.3, 13.3		Link

The Process of Collecting Data:

The faculties from each department was asked to submit SDG goals and target of the prominent courses that taught within a semester. Around 276 courses were taught each semester, but here 86 major courses are mapped against the SDG goals. In the analysis section, three tables are given. The first one depicting how many courses are mapped department wise. The second one depicts from each department, the number of courses reaching to different SDG Goals. The last one shows the percentage of courses with different SDG's from the final mapping output. The analysis is given below.

A brief Analysis of SDG Mapping Output:

For the analysis of the SDG mapping, the faculties from all the departments have mapped around 86 prominent courses to match the goals of sustainable development. Here, a short table is added to show how many courses are mapped and how many courses are offered in one semester.

Course Offered in Spring 2019-Dept. Wise	Course Mapped- Dept. Wise
BBA-39	BBA-11
MSJ-37	MSJ- 06
ENG- 36	ENG-13
CSE- 35	CSE- 20
ETE- 15	
EEE- 17	EEE-08
GED- 29	GED-17
MBA & EMBA- 30	MBA- 08
M. Comn- 12	M. Comn- 01
MA in ENG (1 & 2 Year)- 26	MA in ENG- 02
Total- 276	Total- 86

On an average, all the departments of ULAB teach around 276 courses. Among them, we have taken 86 courses which is around one-third of the total taught course. The table represents the offered course in a semester and the quantity of the mapped course. Since it is a University, Most of the mapped courses meet SDG -4 which is Quality Education. **A short table is given below to show how many mapped courses meet different SDGs.**

Dept.	SDG1	SDG2	SDG3	SDG4	SDG5	SDG6	SDG7	SDG8	SDG9	SDG10	SDG11	SDG12	SDG13	SDG14	SDG15	SDG16	SDG17
DEH	04 Courses	02 Courses	03 Courses	13 courses	09 Courses	02 Courses	01 Courses	05 Courses	03 Courses	13 Courses	03 Courses	-------	02 Courses	02 Courses	02 Courses	03 Courses	-------
MSJ	------	------	01 Courses	03 Courses	02 Courses	01 Courses	-----	------	01 Course	01 Course	------	------	02 Courses	--------	-------	02 Courses	-------
USB	04 Courses	------	04 Courses	08 Courses	09 Courses	01 Course	03 Courses	09 Courses	01 Courses	07 Courses	04 Courses	07 Courses	03 Courses	------	02 Courses	06 Courses	-------
CSE	------	------	02 Courses	18 Courses	------	-----	03 Courses	-----	19 Courses	-----	07 Courses	------	------	-------	------	------	13 Courses
EEE	------	-----	02 Courses	06 Courses	------	------	02 Courses	01 Course	05 Courses	--------	02 Courses	------	02 Courses	-------	-------	-------	04 Courses
ETE																	
GED	04 Courses	01 Course	03 Courses	07 Courses	05 Courses	02 Courses	01 Course	02 Courses	03 Courses	04 Courses	08 Courses	06 Courses	06 Courses	02 Courses	03 Courses	06 Courses	03 Courses
Total	**12**	**03**	**15**	**55**	**25**	**06**	**10**	**17**	**32**	**25**	**24**	**13**	**15**	**04**	**07**	**17**	**20**

The total number which is in bold is the total number of mapped courses which meet different SDGs for instance- 12 courses among the 86 courses fulfill the criteria of SDG1. The last table of the analysis presents the percentages of the mapped courses.

Sustainable Development Goals	Percentages
SDG1	**13.95%**
SDG2	**3.48%**
SDG3	**17.44%**
SDG4	**63.95%**

SDG5	**29.06%**
SDG6	**6.97%**
SDG7	**11.62%**
SDG8	**19.76%**
SDG9	**37.02%**
SDG10	**29.06%**
SDG11	**27.90%**
SDG12	**15.11%**
SDG13	**17.44%**
SDG14	**4.65%**
SDG15	**8.13%**
SDG16	**19.76%**
SDG17	**23.25%**

The table above shows the percentages for each SDG. From the table, it can be said that SDG-4 (Quality Education) ranks the top position as it covers 63.95%. 55 courses from 86 mapped courses fulfill the criteria of SDG-4. In the second position, we have SDG9 (Industry, innovation and infrastructure) that covers 37.02%. 32 Mapped courses fulfill the criteria of SDG-9. Thirdly, we have SDG5 (Gender equality) and SDG10 (Reduced Inequalities) and both cover 29.06%. Around 25 courses have fulfilled the criteria for SDG5 and SDG10. Since SDG17 is one of the most important, it covers 23.25% and around 20 courses fulfill the criteria of SDG17. The following table shows the mapping of all the prominent courses from all of the departments of ULAB and followed by the Dashboard is given.

A Brief Description of ULAB's Departments

Department of English and Humanities

The department of English goes under the school of Arts and Humanities which is globally connected academic platform offering both Bachelors and Master's degrees. DEH is the most "happening" department which is popular for international and national academics and cultural activities. The courses that are offered are not only confined to the development of students' basic communication skills in the lingua franca of the world but also explore the key areas necessary for the intellectual and professional betterment: humanistic content, analysis, argumentation, rhetoric, stylistics, and so on. The courses also are not limited to traditional disciplinary boundaries, but are open to inter- and cross-disciplinary offerings. This dynamic approach allows students to develop skills and sensibilities vitally required by modern English language and literature teachers and by people across professional fields: communications and media, business and marketing. All the courses that are taught to the students are mainly incorporating with SDG1, SDG 2, SDG3, SDG4, SDG5, SDG6, SDG7, SDG8, SDG9, SDG10, SDG11, SDG13, SDG14, SDG14, SDG15, SDG16. The quantity of the courses that are taught is presented in a table below.

Department of Media Studies and Journalism:

The Department of Media Studies and Journalism is the flagship department that goes under the School of social science currently offering Bachelor of Media Studies and Journalism and Masters in Communication. The prime objective of this Department is to decolonize minds through media education and innovation, nurturing creative and critical thinkers in communication and cultural studies and produce ethical citizens who critically explore, understand and utilize media, culture and communication. The courses that are offered in these programs have special emphasis on film, media, creative art, public relations and journalism. The curriculum is liberal arts based, interdisciplinary, balanced in terms of theory and practice and devoted to cultural and communication studies. All the courses that are taught to the students are mainly incorporated with SDG3, SDG4, SDG5, SDG6, SDG9, SDG10, SDG13, SDG16. The quantity of the courses that are taught is presented in a table below.

ULAB School of Business Studies

The school of Business department is another versatile department of ULAB which offers 3 different programs to its students- Bachelors of Business Administration (BBA), Masters of Business Administration (MBA) and Executive Masters of Business Administration (EMBA). The Department of Business Administration aims to empower students to learn and practice modern business and management concepts, principles, tools, techniques, models and methods, as well as help them become outstanding and effective business leaders. The aim is to strike a balance between liberal arts and business courses, realizing the relevance of each. They shall gain the highest skills in the field of business, while at the same time attaining an appreciation of the fundamentals of the broader social environment within which all business decisions are made. The primary objectives are to offer the fundamental concepts and theory of business practice and specialized study in business discipline, to instigate the ability to think critically, analyze problems quantitatively, and use computer technology to solve business problems, to grow an awareness and comprehending of the global context in which business operates and to advance understanding of the ethical and social issues that is a concern to the business community. The courses that are taught mainly incorporating with SDG1, SDG3, SDG4, SDG5, SDG6, SDG7, SDG8, SDG9, SDG10, SDG11, SDG12, SDG13, SDG15, SDG16. The quantity of the courses that are taught in 2019 is presented in a table below.

ULAB School of Science and Engineering:

This is one of the most dynamic schools which runs three active departments named Bachelor of Science, Computer Science and Engineering (CSE), Bachelor of Science, Electronics and Telecommunication and Engineering (ETE) and Bachelor of Science, Electrical and Electronic Engineering (EEE).

CSE (Science, Computer Science and Engineering):

Department of Computer Science and Engineering at ULAB, has been offering an undergraduate program in Computer Science and Engineering with focus on developing skills for ICT industries worldwide. The designed program delivers the fundamental skills needed to become a Computer Scientist. The program also aims to a wider knowledge of the subject, rather than just an understanding of existing commercial approaches, so that the student's understanding and knowledge can adapt and evolve to match the skills that will be required in the coming century. The main goals are Quality teaching and learning environment, incubation of real-life developments with ICT industries, Partnership with ICT Leaders both at home and abroad, Research and developments and ICT4D activities. The courses that are taught mainly incorporating SDG3, SDG4, SDG9, SDG11, SDG17. The quantity of the courses that are taught in 2019 is presented in a table below.

ETE (Electronics and Telecommunication and Engineering):

This department aligns with the core concept of a liberal arts university and imparts our students with outstanding engineering education. The department currently offers an undergraduate program with the same title. The program curriculum covers a broad range of topics in electronics and communication engineering. The goal of the department is to give our students high quality engineering education with practical training that is relevant both locally and internationally. The coursework includes subjects in physics, engineering mathematics, statistics, computer architecture and programming, analog and digital electronic devices and circuits, analog and digital communication, power electronics and measurements, and more. The aim of the Bachelor of Science in Electronics and Telecommunication Engineering (ETE) degree is to produce competent professionals, who will possess excellent skills to develop and implement their knowledge in the fields of electronics and telecommunication engineering. This program is based on a solid foundation of Mathematics, Physics and a wide range of general education courses like English, Business and other Liberal Arts and Social Science courses. The focus of this degree is to provide excellent education in modern development of ETE. The quantity of the courses that are taught in 2019 is presented in a table below.

EEE (Bachelor of Science, Electrical and Electronic Engineering):

Department of Electrical and Electronic Engineering is the youngest department of ULAB. The undergraduate EEE program aims to provide the students with the foundation principles of Electrical and Electronic Engineering as well as developing necessary skills on specific topics of interest. The four-year undergraduate program will give the students the background knowledge and skills necessary to access a diverse range of engineering professions both in the local and global arena. The program is designed to develop well-rounded professionals with excellent engineering skills as well as social and ethical values. The wide range of engineering courses are built on a solid foundation of mathematics, physics, engineering theories. The undergraduate curriculum has four study concentrations in Electrical Power, Electronic, Communication and Signal Processing and Computer. The department has a curriculum committee and Industry Advisory Panel (IAP) where renowned academicians from BUET and industry experts are accommodated. The courses that are taught mainly incorporating SDG3, SDG4, SDG7, SDG8, SDG9, SDG11, SDG17. The quantity of the courses that are taught in 2019 is presented in a table below.

GED (General Education Program):

Both GED core and elective courses are built into every undergraduate degree program, and clearly indicated on their respective syllabi. Students following any given degree program will be automatically directed towards the required GED core and/or elective, and optional/Minor, that they must take or choose from. The prime objectives are- providing students a number of basic subjects by way of building the intellectual foundations and skills absolutely necessary for both any university level education, and especially for a Liberal Arts perspective and offering students' exposure to courses not offered by their respective departments, but courses that are vital both to a deepening and broadening their Liberal Arts perspective. The courses that are taught mainly incorporating SDG3, SDG4, SDG7, SDG8, SDG9, SDG11, SDG17. The quantity of the courses that are taught in 2019 is presented in a table below. The Table that is presented below contains The SDG goals for each course of these dynamic departments. The reputed faculties have done a rigorous mapping to check how far the teaching curriculum and activities incorporate with the SDG Goals. SDG-4 (Quality Education) ranks the top as it is primarily connected with teaching and learning whereas SDG2- (Zero Hunger) and SDG-14 (Life below water) has a lesser emphasis on the course curriculum and teaching criteria.