

NATIONAL UNIVERSITY

BANGLADESH



Syllabus

Department of Islamic Studies

Four-Year B.A (Honours) Course
Effective from the Session: 2024–2025

Mission

To promote “Progress for Everyone” by fostering transformative education, conducting pioneering research, and encouraging meaningful collaboration with individuals, communities, and partners both in Bangladesh and around the world.

Vision

We expect that the hundredth anniversary of the National University, our commitment to "Progress for Everyone" will be evident in all areas of our operations and stakeholder engagements.

We leverage our core strength in education, research, and community engagement to address pressing global issues and foster sustainable development.

By 2042, National University aims to strengthen its position as Bangladesh's top academic institution and rank among the world's leading universities. Our focus will be on expanding expertise, building strategic partnerships, and increasing our global influence. Our services will be measured by the achievements of the individuals and communities we serve.

Name of the Program: B.A. (Honours) in Islamic Studies

Program Educational Objectives (PEOs)

PEO1: To provide graduates with a strong, comprehensive understanding of Islam, its teaching, and its role in various aspects of life.

PEO2: To develop students’ knowledge, skills, and values to enable them to become ethical and engaged members of society.

PEO3: To develop graduates capable of performing interdisciplinary and collaborative research and demonstrating technical competence in the field of Islamic Studies.

PEO4: To develop graduates who can help to deliver adequate, relevant professional skills to facilitate research, planning, and decision-making programs for the government and the community for achieving Sustainable Development Goals (SDGs) of Bangladesh.

PEO 5: To ensure a strong understanding of the Quran and Sunnah, developing the ability to apply Islamic principles to personal and societal challenges, promoting ethical and moral conduct, critical thinking, exchanging communication skills, and encouraging the application of Islamic principles in personal and professional life.

PEO 6: To produce graduates with strong leadership, teamwork, communication skills and ethical and moral values that will help them in their professional lives.

Program Learning Outcomes (PLOs):

At the time of graduation, B.A. (Honours) in Islamic Studies students will have achieved the ability to:

PLO1: Fundamental Islamic Knowledge: Students will acquire a solid understanding of the core tenets of Islam, gaining in-depth knowledge of the Quran, Hadith (Prophet's sayings and actions), and Sunnah (Prophet's way of life), and how they form the basis of Islamic teachings. This acquired knowledge will enable students to solve real-life, academic, and professional problems.

PLO2: Problem-Solving Ability: Recognize, formulate, and offer specialized knowledge in Islamic areas, solve statistical problems using logic, formulas, and techniques; and apply them to contemporary issues.

PLO3: Islamic Law and Ethics:

Understand Islamic jurisprudence (fiqh), ethics, and their application in various aspects of life, including personal conduct, social interactions, and legal systems.

PLO4: Islamic History and Civilization:

Study the history of Islam, the development of Islamic thought, and the diverse cultures and societies influenced by Islamic civilization.

PLO5: Islamic Thought and Philosophy:

Explore different schools of thought within Islam, including philosophical and theological perspectives.

PLO6: Research Skills: Acquire the ability to conduct research using both traditional Islamic sources and modern academic methods and collect, analyze, and interpret relevant data using statistical methods; perform calculations, draw graphs, and present results confidently with logical conclusions.

PLO7: Critical Thinking and Analysis: Develop the ability to analyse information, evaluate arguments, and solve problems using Islamic principles and methodologies.

PLO8: Use of Modern Tools: Understand the statistical tools and techniques that are available in Mathematics, Economics, Bioinformatics, Computer Programming, and so on.

PLO9: Health and Society: Apply statistical knowledge to practical activities, societal functions, public health, and overall development.

PLO10: Applying Islamic Principles and Ethical Decision-Making: Develop the ability to interact respectfully and effectively with individuals from diverse cultural and religious backgrounds, Learn to apply Islamic teachings and values to contemporary issues and challenges in the modern world, and develop the capacity for ethical decision-making based on Islamic principles and values

PLO11: Ethics and Responsibility: Develop strong moral and ethical principles and apply them to professional work for the betterment of society.

PLO12: Teamwork and Leadership: Communicate effectively, work as a team, and demonstrate high leadership qualities for handling any problems in professional settings.

PLO13: Communication Skills: Learn to articulate Islamic concepts clearly and effectively to diverse audiences, both orally and in writing. Share statistical ideas clearly through writing, speaking, and presenting. Be able to write reports, give presentations, and explain concepts.

PLO14: Contribution to Society: Preparing students to contribute positively to society by applying their knowledge and skills in various professional fields, including education, religious institutions, and public service.

PLO15: Lifelong Learning: Keep learning new statistical knowledge, tools, and skills beyond graduation for personal and professional growth in an ever-evolving technological world.

Mapping PEOs with PLOs:

	PEO-1	PEO-2	PEO-3	PEO-4	PEO-5	PEO-6
PLO-1	√	√				√
PLO-2	√	√				
PLO-3						
PLO-4		√	√			
PLO-5		√	√			√
PLO-6		√	√			
PLO-7				√		

PLO-8				√		
PLO-9			√			√
PLO-10			√			
PLO-11				√		
PLO-12				√		
PLO-13		√			√	
PLO-14			√			√
PLO-15				√	√	

Courses and Marks Distribution

First Year

Course Code	Course Title	Marks	Credits
211801	Quranic Studies	100	4
211807	Principles and History of Tafsir Literature	100	4
211803	Introduction to Islam	100	4
211805	Introduction to Islamic Da'wah	100	4
Allied Subject			
212009	Introducing Sociology Or	100	4
212109	Introduction to Social Work Or	100	
211909	Introduction to Political Science	100	
	Compulsory Subject		
219901	History of Bangladesh: Language, Culture, and Identity	100	4
219903	Information and Communication Technology	75	3
219904	Lab-Information and Communication Technology	25	1
	Total =	700	28

Detailed Syllabus

Course Code	211801	Marks:100	Credits: 4	Class Hours: 60
Course Title:	Quranic Studies			

Course Objectives:

To help the students to-

- Prove that the Quran is Allah's final revelation and authoritative source of Islamic knowledge;
- Inform the learners about identification, subject matter, objectives, and different names of the Quran;
- Describe the identification, methods of revelation, and importance of wahi;
- Explain the history and method of the compilation of the Quran;
- Classify Makki and Madani surahs and identify their characteristics;
- Introduce I'jazul Quran, Amthalul Quran, Aqsamul Quran, Jادلul Quran, Qasasul Quran and Fadailul Quran;
- Analyze the Quranic verses of daily life and evaluate the impact of the Quran on human life;
- Discuss Quranic literature in Bangladesh.

Course Learning Outcome (CLO)

After going through the course, students will be able to learn the following outcomes

CLO1	Prove that the Quran is Allah's final revelation
CLO2	Describe that the Quran is a code of the entire life
CLO3	Prove the Quran as an authoritative source of Islamic knowledge
CLO4	Distinguish between al-Quran and al-Hadith
CLO5	Examine the aims and objectives of the Quran
CLO6	Analyze the importance of wahi in our daily life

Mapping of CLOs with PLOs

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14	PLO 15
CLO1	√	√						√					√		
CLO2	√	√													√
CLO3	√	√								√				√	
CLO4	√	√	√			√			√						
CLO5	√	√	√	√	√	√	√		√		√			√	
CLO6	√	√										√			√

Course Contents:

Chapter	Topic	Teaching-Learning Strategies	CLOs
1	Definition of the Quran: The Quran is Allah's final revelation and authoritative source of Islamic knowledge. Literary and terminological meaning of the Quran, subject matter, objectives, and various names of the Quran;	Lecture and Assignment	CLO1
2	Description of the Quran: Methods of revelation of wahi; Preservation and compilation of the Quran;	Lecture, Assignment	CLO2
4	History and methods: History and methods of the compilation of the Quran; Makki and Madani surah.	Lecture, Group Discussion, Assignment	CLO3
5	I'jazul Quran and First Revealed: I'jazul Quran, Amthalul Quran, Aqsamul Quran, Jادلul Quran, Qasasul Quran, and Fadailul Quran;	Lecture, Group Discussion, Workshop, and Assignment	CLO4

6	First and last revealed verses and surahs, sequences of verses, surahs, and classification of verses; Concept of rejection of the Quran and its consequences;	Lecture, Group Discussion, and Assignment	CLO5
7	Importance and necessity of the Quran in human life; Classification of the verses of the Quran in accordance with the scientific, mystic, historical, social, political, and religious aspects; Quranic literature in Bangladesh.	Lecture, Group Discussion, Workshop, and Assignment	CLO6

List of Books:

Aj-jarkani, A. A. (1986). *Manahilul Irfan fi Ulumil Quran*. Darul Kutubil Ilmiyyah.

Aj-Jarkashi, B. U. (1988). *Al-Burhan fi Ulumil Qur'an*. Darul Fikr.

Al-Qattan, M. K. (1983). *Mabahis fi ulumil Quran*. Muassasatur Risalah.

As-Salih, S. (1985). *Mabahis fi Ulumil Quran*. Darul Ilm Lilmallain.

As-Suyuti, J. (2005). *Al-Itqan fi Ulumil Quran*. King Fahad Quran Printing Press.

Daud, A. M. (1984). *Ulumul Quran wal-Hadith*. Darul Basharia.

Sabuni, M. A. (1985). *At-Tibyan fi Ulumil Quran*. Dar Ihsan.

Usmani, M. T. (1993). *Ulumul Quran*. Kutubkhana Naimiah.

বুকাইলি, মরিস. (২০২২). বাইবেল, কোরান ও বিজ্ঞান, জ্ঞানকোষ প্রকাশনী, ঢাকা

Course Code	211807	Marks: 100	Credits: 4	Class Hours: 60
Course Title:	Principles and History of Tafsir Literature			

Course Objectives:

To help the students to-

- Understand the meaning of Tafsir;
- Explain the origin and development of Tafsir Literature;
- Express the position of Tafsir during the period of the Prophet (sm), the Sahabah, the Tabi'un and Tabi' Tabi'een;
- Clarify the literal and technical meaning of Wahy;
- Describe the ultimate objectives of the Quran and Nuzul al-Quran;
- Identify the Asbab al-Nuzul and describe the importance of knowing Asbab;
- Identify meaning, significance, and categories of Nask;
- Determine Asalib al-Quran (Quranic style);
- Acquire knowledge about translation and Tafsir of the Quran;
- Describe Ijaz and Jadal of Quran;
- Distinguish among Tafsir bi al-Mathur, Tafsir bi al-Ray, Tafsir al-Balaghi (kalami) and Tafsir al-Fiqhhi.

Course Learning Outcomes (CLOs)

After going through the course, students will be able to learn the following outcomes

CLO1	Explain the definition of tafsir
CLO2	Analyze the importance of wahi in our daily life
CLO3	Explain the origin and development of Tafsir Literature.
CLO4	Describe the ultimate objectives of the Quran and Nuzul al-Quran.
CLO5	Acquire knowledge about translation and Tafsir of the Quran;
CLO16	Distinguish among Tafsir bi al-Mathur, Tafsir bi al-Ray, Tafsir al-Balaghi (kalami), and Tafsir al-Fiqhhi.

Mapping of CLOs with PLOs

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14	PLO 15
CLO1	√	√	√	√	√	√	√		√		√			√	

CLO2	√	√										√			√
CLO3			√			√			√						
CLO4		√					√				√			√	
CLO5					√				√			√			
CLO6			√					√		√			√		

Course Contents:

Chapter	Topic	Teaching-Learning Strategies	CLOs
1	Literal and technical meaning of Wahy ; necessity of Wahy; classifications of Wahy; modality of Wahy; The Contents of the Quran and ultimate objectives of the Quran;	Lecture, Assignment	CLO1
2-3	Asbab al-Nujul , importance of the knowing Asbab; Meaning, significance and categories of Naskh; Qualities or competency in doing Tafsir;	Lecture, Assignment	CLO2
4-5	Origin and development of Tafsir Literature and the study of Tafsir literature in Bangladesh; Nature of Tafsir Literature during the period of the Prophet Muhammad (SW), the Sahabah, the Tabiun, and Tabi Tabiin;	Lecture, Group Discussion, Assignment	CLO3
6	Methodology and characteristics of Tafsir: Tafsir bi al-Mathur and evaluation of Tafsir al-Tabari and Ibn Kathir as a Tafsir bi al-Mathur ;	Lecture, Group Discussion, Workshop	CLO4
7	Tafsir bi al-Ray and evaluation of Tafsir al-Kabir as a Tafsir bi al-Ray; Tafsir al-Balaghi (kalami) and evaluation of Tafsir al-kashshaf and Baidawi as a Tafsir al-Balaghi;	Lecture, Group Discussion, and Assignment	CLO5
8	Tafsir al-Fiqhhi and evaluation of Tafsir al-Qurtubi as a Tafsir al-Fiqhi.	Lecture, and Assignment	CLO6

List of Books:

Al-Dhabi, A. H. (1980). *Al-Tafsir wal-Mufasssirun*. Maktaba Wahaba.

Al-Qasi, A. Q. (1995). *Tarikh al-Tafsir*. Darul Fikr.

Jarkashi, A. B. (1988). *Al-Burhan fi Uhumil Quran*. Darul Yahyail Kutubil Ilmiya.

Sarkani, S. M. A. A. (1980). *Manahilul Irfan fi Ulumil Quran*. Darul Yahyail Kutubil Arabia.

Sarim, A. S. (2001). *Tarikh al-Tafsir*.

উসমানী, মুহাম্মদ তাকি (১৯৯৮) কুরআনে জ্ঞান-বিজ্ঞান, ইসলামিক ফাউন্ডেশন, ঢাকা

আনওয়ারী, আব্দুর রহমান (২০০৩) তাফসীরুল কুরআন: উৎপত্তি ও ক্রমবিকাশ, ইসলামিক ফাউন্ডেশন, ঢাকা

হোসাইন, মো. বেলাল, (২০০১) মুফাসসির পরিচিতি ও তাফসীর পর্যালোচনা, সেন্টার ফর ইসলামিক রিসার্চ, রাজশাহী

Course Code	211803	Marks:100	Credits: 4	Class Hours: 60
Course Title:	Introduction to Islam			

Course Objectives

To help the students to-

- Describe five pillars and major doctrines of Islam;
- Evaluate the dignity of man;
- Explain the position of man in the Qur'an;
- Evaluate the importance of akhlaq in Islam;
- Explain the Islamic solution to contemporary social crises.
- Compare the ideologies of socialism, capitalism and Islam;
- Evaluate the role of Islam in human society;
- Compare Islamic civilization and Western civilization;
- Clarify Islam and peace in human society.
- Describe and analyze the Islamic rules regarding drugs, gambling, bribery, violence, etc., and focus on their impact on social life.

Course Learning Outcomes (CLOs)

After going through the course, students will be able to learn the following outcomes

CLO1	Describe the basic five pillars along with the major doctrines of Islam
CLO2	Identify Islam as a complete code of life
CLO3	Explain the concepts of adl, amanah, jihad, and taqdir
CLO4	Evaluate the moral values, Akhlaq, and ethics in Islam
CLO5	Explain the position of Husnul Khuluq according to the Quran and Sunnah
CLO6	Identify the responsibilities of a human being to the creatures of Allah

Mapping of CLOs with PLOs

	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5	PLO-6	PLO-7	PLO-8	PLO-9	PLO10	PLO11	PLO12
CLO1	√	√						√				
CLO2	√	√							√	√	√	
CLO3	√	√										

CLO4	√	√			√		√					
CLO5	√	√	√	√								
CLO6	√	√				√						√

Course Contents:

Chapter	Topic	Teaching-Learning Strategies	CLOs
1	Definition of Islam: Concept of Islam: Its fundamentals, doctrines, Islam as a complete code of life; Objective of human life in Islam:	Lecture, Assignment	CLO1
2-3	Dignity of man, position of man in the Quran: spiritual and material; the position of Ubudiyyah; `Adl, Amanah, Jihad, and Taqdir in the Quran and the Sunnah, Moral values in Islam;	Lecture, Assignment	CLO2
4	Islamic Ethics: Importance of akhlaq in Islam and the position of husn al-khulq in the Quran and the Sunnah;	Lecture, Group Discussion, Assignment	CLO3
5-6	Responsibilities of human beings to the creatures of Allah; Role of Islam in human society: Islamic approach towards society; Islamic solution of the contemporary social crisis; Islam and peace in human society.	Lecture, Group Discussion, Workshop and Assignment	CLO4
7-8	Position of `Amal wa Ibadah in Islam; Islamic civilization and Western civilization. universal brotherhood in Islam; misunderstanding about Islam;	Lecture, Group Discussion, and Assignment	CLO5
9-10	Islam and other ideologies: A comparative study of socialism, capitalism and Islam; social, political, economic and religious aspects of Islam; Islam and contemporary crisis: A study of the reasons behind the prohibition of crimes and vices like adultery, drug addiction, gambling, bribery, violence, etc., in the light of the social values	Lecture, Group Discussion, Workshop, and Assignment	CLO6

List of Books:

Ali, S. A. (1980). *The spirit of Islam*. Christophers.

Al-Mawardi, A. H. (1978). *Adabud dunya wad din*. Darul Kutub Al-Ilmia.

An-Nadwi, A. H. A. (1945). *Maza khairal alam biinhetatil Muslimin*. Maktabatul Iman.

Dehlwi, S. W. (1977). *Hujjatullah al-baligah*. Dar Al-Marif.

Hamidullah, M. (1985). *Introduction to Islam*. Dar Rushd.

Sattar, M. A. (2002). *Introduction to Islam*.

আল-গায়ালি. (১৯৮৭). *এহইয়াউল উলুমুদ্দীন*, মদীনা পাবলিকেশন্স, ঢাকা

নদবি, আবুল হাসান আলী, (২০০৩). *মুসলমানদের পতনে বিশ্ব কী হারালো?*, মুহাম্মদ ব্রাদার্স, ঢাকা

আল-বাদাবী, জামাল, (২০০৯). *ইসলামী শিক্ষা সিরিজ*, বিআইআটি, ঢাকা

খলীল, মোহাম্মদ ইব্রাহীম, (২০২৩). *ইসলাম পরিচিতি*, মেরিট ফেয়ার, ঢাকা

Course Code	211805	Marks:100	Credits: 4	Class Hours: 60
Course Title:	Introduction to Islamic Da'wah			

Course Objectives

To help the students to-

- Comprehend the nature, scope, objectives, importance, and necessity of Islamic Da'wah and the verses of al-Quran and Sayings of Prophet (sm) on Islamic Da'wah;
- Acquire knowledge about the requirements and virtues of an Islamic Dayee as well as the significance and classifications of Madwu;
- Comprehend the subject matter, presentation techniques, methods, and media of Islamic Da'wah;
- Achieve knowledge about Da'wah in the life of Muhammad (sm) and his companions;
- Acquire knowledge about modern perspectives and obstacles in the field of Da'wah and the way to overcome the obstacles;
- acquire knowledge about activities of non-Muslim missionaries in the Muslim countries and to direct an action plan for Islamic Da'wah according to the scenario;
- Know about the nature of Da'wah in Bangladesh as well as the famous individuals, institutions, and organizations of Islamic Da'wah in Bangladesh.

Course Learning Outcome (CLO)

After going through the course, students will be able to learn the following outcomes

CLO1	Describe the basic five pillars along with the major doctrines of Islam
CLO2	Identify Islam as a complete code of life
CLO3	Explain the concepts of adl, amanah, jihad, and taqdir
CLO4	Evaluate the moral values, Akhlaq, and ethics in Islam
CLO5	Explain the nature, scopes, aims, and objectives of Islamic Da'wah
CLO6	Explain the classification, activities, and basic principles of Islamic Da'wah

Mapping of CLOs with PLOs

	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5	PLO-6	PLO-7	PLO-8	PLO-9	PLO10	PLO11	PLO12
CLO1	√	√						√				
CLO2	√	√							√	√	√	
CLO3	√	√										
CLO4	√	√			√		√					
CLO5	√	√	√	√								
CLO6	√	√				√						√

Course Contents:

Chapter	Topic	Teaching-Learning Strategies	CLOs
1-2	Islamic Da`wah: Introduction, nature, scope, objectives, importance, and necessity of Islamic Da`wah; the verses of al-Quran and Sayings of Prophet (sm) on Islamic Da`wah; Introduction, the requirements and virtues of an Islamic Dayee, and introduction, significance, and classifications of Madwu;	Lecture, Assignment	CLO1
3-4	Comprehend the subject matter, presentation techniques, method, and media of Islamic Da`wah; Da`wah in the life of Muhammad (sm) and his companions; Modern perspectives and obstacles in the field of Da`wah and the ways to overcome them;	Lecture, Assignment	CLO2
5	Importance of the consideration of the contemporary situation of Da`wah;	Lecture, Group Discussion	CLO3
6-7	ways of implementing the methods of Da`wah at present, which are narrated in the Qur`an and Hadith at present; The similarities and dissimilarities between the Prophet (sm), his companions era, and the present era;	Lecture, Group Discussion, Workshop, and Assignment	CLO4

8-9	present obstacles of Da'wah and the ways to overcome them; Use of modern technology and media in Da'wah activities;	Lecture, and Assignment	CLO5
10	Activities of Non-Muslim missionaries in the Muslim countries and an action plan for Islamic Da'wah according to the scenario; Islamic Da'wah in Bangladesh: nature, famous individuals, organizations, institutions.	Lecture, Group Discussion, Workshop and Assignment	CLO6

List of Books:

Abu Zahra, S. M. (1992). *Al-Dawah ilal Islam*. Cairo, Egypt.

Al-Alori, A. A. (1979). *Tarikh al-Da'wah ila Allah bainal amsi wal-yaom*. Cairo.

Al-Alusi, M. D. (1985). *Minhaj al-Du'wah*. Jeddah: Maktaba Ukaj.

Al-Assal, D. K. H. (1988). *Ma'alimu al-Da'wah al-Islamiah fi ahdi al-Makki*. Cairo.

Al-Biyanuni, A. F. (1991). *Al-Madkhal ila al-ilm al-da'wah*. Beirut.

Al-Khawli, S. B. (1408 H). *Tajkirat al-du'wat*. Maktaba al-Turas.

Arnold, T. W. (1956). *The preaching of Islam*. London.

Dehlawi, S. W. U. (1980). *Hujjatullah al-baleghah*. Dar al-Ma'rifa.

Gulush, A. (1978). *Al-Da'wah al-Islamiyya*. Daru al-Kitab al-Misri.

Nadwi, S. A. H. A. (1989). *Hikmat al-dawah wa sifat al-duwat*. Lakhnu, India.

Zaidan, A.-K. (1976). *Usul al-da'wah*. Iskandaria: Daru Umar Ibnul Khattab.

নদবি, আবুল হাসান আলী, (১৯৮৭). *ইসলামী রেনেসার অর্থপথিক*, ইসলামিক ফাউন্ডেশন, ঢাকা

খলীল, মোঃ ইব্রাহীম. (২০১৭). *আল-কুরআন ও সুন্নাহ দ্বাওয়াহ*, মেরিট ফেয়ার, ঢাকা

কাদের, মোঃ আব্দুল. (২০১৯). *ইসলাম দাওয়াহ ও আধুনিক মিডিয়া*, নাহদাহ পাবলিকেশন্স, ঢাকা

আনওয়ারী, আব্দুর রহমান. (২০২৪). *ইসলামী দাওয়াতের পদ্ধতি ও আধুনিক প্রেক্ষাপট*, বিআইআটি, ঢাকা

Course Code	212009	Marks:100	Credits:4	Class Hours:60
Course Title:	Introducing Sociology			

Course objectives:

The course is designed to provide foundational knowledge of sociology as a social science. It will explain key concepts, principles, and perspectives in sociology. It will highlight various structural issues like major social institutions, social classes, inequality, population and urbanization. Besides this, the course helps the students to develop sociological thinking to understand society and human behavior.

Course Learning Outcome (CLO)

After going through the course, students will be able to learn the following outcomes

CLO1	Students will be demonstrating knowledge about preliminary ideas of sociology.
CLO2	They will be informed about the contributions of sociologists.
CLO3	They will apply several procedures of scientific social research.
CLO4	They will explain various terms of culture and cultural diversity in society.
CLO5	Students will get knowledge about different types and the evolution of society.
CLO6	Students will know both about social institutions and various factors that contribute to social stratification and mobility within society.
CLO7	They will recognize different social problems of Bangladesh.
CLO8	They will be able to analyse the influences of social forces on individual behaviour and social change that happens globally.

Mapping of CLOs with PLOs

	PLO1	PLO2	PLO3	PLO4	PL05	PLO6	PLO7	PL0-8	PLO9	PLO10
CLO1	✓									
CLO2	✓									
CLO3					✓					
CLO4	✓									✓

CLO5	✓	✓								
CLO6	✓									
CLO7				✓					✓	
CLO8	✓		✓				✓			

Course Contents

Chapter	Topic	Teaching-Learning Strategies	CLOs
1.	Definition, Scope and Development of Sociology: Definition of Sociology, Nature and scope of Sociology, Emergence of Sociology, Importance of Sociology as a science, Value freedom of sociology, relation with other scientific subjects.	Lecture and Assignment	CLO-1
2.	Founding thinkers and major theoretical perspectives: Auguste Comte, Karl Marx, Herbert Spencer, Emile Durkheim, Max Weber, Functionalist, conflict, and Interactionist perspectives.	Lecture, Assignment, and Group discussion	CLO-2
3.	Major Methods and Techniques of Sociology: Social research, Qualitative and Quantitative techniques, Survey method, Comparative Method, historical method, Scientific method, Case study, FGD, Interviews, Observation, and Experiments. Ethics in social research.	Lecture, Fieldwork and Group presentation	CLO-3
4.	Culture, Society and Civilization: Meaning and characteristics of culture, elements of culture and cultural change, Cultural lag, civilization, culture and civilization, community, organization, and group.	Lecture, Assignment, and Group Discussion	CLO-4
5.	Evolution and different types of society: Hunting and food gathering society, Horticultural society, Agricultural Society, Industrial society, Primitive communism, Slavery, Feudal, Capital, Socialism, Different types of capitalism, Socialism and modern communism.	Lecture and Assignment	CLO-5
6.	Social Institutions: Marriage and family, education, religion, economy, and state. Characteristics and functions of each institution. Changing nature of institutions in modern society.	Lecture and Assignment	CLO-6

7.	Social problems and Inequality: Nature of social problems, Population problem, poverty, unemployment, crime and deviance, corruption, drug addiction, and over-urbanization. Social inequality and forms of stratification: caste, class, race, and gender. Theories of inequality and Social mobility.	Lecture and Assignment	CLO-7
8.	Social Interaction and Social Change: Social interaction and exchange, socialization, Causes of Social Change, theories of Social Change, technology and Social Change, globalization and its impact. Postmodern and postindustrial society.	Lecture and Assignment, and Group Discussion	CLO-8

List of Books:

- Giddens, A. (2009). *Sociology* (6th ed.). The Polity Press.
- Goldthorpe, J. E. (1985). *An introduction to sociology*. Cambridge University Press.
- Halim, S., Amanullah, A. S. M., & Nasir, R. I. (Eds.). (2024). *Society and sociology in Bangladesh: A South Asian perspective*. University Press Limited.
- Haralambos, M., & Holborn, M. (2013). *Sociology: Themes and perspectives*. HarperCollins Publications.
- Ritzer, G., & Murphy, W. W. (2019). *Introduction to sociology*. SAGE Publications.
- Schaefer, R. T. (2012). *Sociology: A brief introduction* (10th ed.). McGraw-Hill.
- Stolley, K. S. (2005). *The basics of sociology* (1st ed.). Greenwood Press.
- Turner, B. S. (1999). *Classical sociology* (91st ed.). SAGE Publications.

সেন, র. (১৯৯৭) *বাংলাদেশের সামাজিক স্তরবিন্যাস, (২য় সংস্করণ)*, নিউ এজ পাবলিকেশনস, ঢাকা।

Course Code: 212109	Marks: 100	Credits: 4	Credit Hours: 60	BSS Hon's 1st Year
Course Title: Introduction to Social Work (Allied Course)			Course Orientation: Theoretical	

Course Description

Introductory social work is an allied course for the registered students of respective disciplines. The focal objective of this course is to spread basic knowledge of social work education along with the concept, methods, relationship of social work with other disciplines, practice in different settings and social work as a profession. The course also covers industrial revolution, the philosophical foundations of social work, the development of professional education and its relationship with various religious creeds. Ethical principles and values are also discussed in this course.

Course Objectives

The objectives of this course encompass:

- To familiarize students about historical development and associated disciplines of social work;
- To help students able to understand the social work profession and industrial revolution;
- To attain knowledge about major social problems and intervention of social work;
- To introduce students about social work methods, types and practice in different settings;
- To introduce students to research and social research in social work arenas;
- Introduce students to religious and philosophical foundations of social work.

Course Contents

Chapter	Topics	Teaching Learning Strategy	CLOs
1	Concepts Relevant to Social Work Practice: Social Work, Social Welfare, Social Value, Social Reform, Social Legislation, Social Security, Social Development, Good Governance, Climate Justice, Field Work.	Class Lectures, PP Presentations, Content Analysis	CLO1
2	Associated Disciplines and Their Relations with Social Work: Sociology, Psychology, Economics, Political Science, Law, Journalism, Medical and Public Health, Anthropology.	Lesson Plans, Lectures, Handouts, Paraphrasing	CLO1

3	a. International Growth and Development of Social Work: UK and USA. b. Social Welfare Practices and Movements in Undivided India and Bangladesh: Traditional Welfare Activities and Charity, Social Reformers and their Movements. c. Evolution of Social Work Education in the Sub-continent and Bangladesh.	Lectures, Handouts, Exhibition of Audio-Visual Recordings, PP Presentations.	CLO2
4	Social Work Profession: Profession, Occupation, Social Work as a Profession, Values and Professional Code of Ethics of Social Work, NASW.	Lectures, Seminar Presentation, Group Discussion.	CLO2
5	Social Problems and Social Services in Bangladesh: Major Social Problems and Intervention of Social Work, Social Work Practice in Govt. Organizations (USS, RSS) and NGOs, Probation and Parole.	Lectures, Content Analysis, Visit And Demonstration	CLO3
6	Industrial Revolution (IR): Renaissance, Globalization, Industrialization, Urbanization, Impacts of IR on Society, Facing 4 th IR challenges with Communication skill, Analytical Ability, Problem Solving Ability, Digital Literacy and Adaptability; Skills of Social Work, 5 th Industrial Revolution and Social Work.	Lectures, Handouts, Audio-Visual Recordings, Visit And Demonstration. symposium,	CLO4
7	Types and Methods of Social Work: Types, Green Social Work, Basic and Auxiliary Methods; Concept, Elements, Principles, Significance of Social Work Methods in Bangladesh.	Lectures, Content Analysis, Seminar presentation, Group Discussion	CLO5
8	Social Research: Research, Research as a Scientific Method, Social Research, Methods, Techniques and Tools of Social Research, Sampling and Its Types, Research Proposal, Importance of Social Research.	Lectures, Handouts, Reading, Assignments, Content Analysis	CLO5
9	Social Philosophy and Religion: Social Philosophy, Individualism, Socialism, Welfare State, Contribution of Major Religions on Social Work and Humanity, Philosophical, Religions and Humanitarian Basis of Social Work.	Lectures, PP presentations, Workshop etc. according to pedagogy.	CLO6

Course Learning Outcomes (CLOs)

After Fruitful conclusion of the course apprentices can be able to:

- CLO1:** Know about the related concepts and associated disciplines of social work;
- CLO2:** Elucidate the international growth and development of social work profession;
- CLO3:** Demonstrate major social problems and social services in Bangladesh;
- CLO4:** Understand the Industrial revolution and its challenges;
- CLO5:** Know about social work types, methods of social work and social research;
- CLO6:** Understanding of social philosophy, religions and social work.

Mapping of Course Learning Outcomes (CLOs) with Program Learning Outcomes (PLOs)

CLO/PLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CLO1	✓	•		✓		•		✓	✓		•	✓
CLO2	•	✓	✓		✓	✓		•		✓	✓	
CLO3	✓		•				✓		•			✓
CLO4		✓	✓	✓		•		✓	✓	✓	✓	
CLO5	•				✓	✓		✓				✓
CLO6	✓	✓	•		✓			✓	✓	•	✓	•

✓= Strong Relation	• =Weak Relation	Blank = Limited or No Relation
--------------------	------------------	--------------------------------

List of Books

Barker, R. L. (1995). *The Social Work Dictionary*. Washington DC: NASW Press.

Friedlander, W.A. (1977). *An Introduction to Social Welfare*. New York: Prentice Hall.

Houssian, M.N. & Alauddin, M. (1990). *Introduction to Social Work Methods*. Dhaka: Bangladesh, Anwari publication.

Morales, A. & Sheafor, B. W. (1977). *Social Work: A Profession of Many Faces*. Boston: USA, Allyn and Bacon.

Skidmore, R. A. & others. (1993). *Introduction to social work*. New Jersey: USA, Prentice Hall.

ইসলাম, ড. মো. নুরুল (২০১৪)। *সমাজকর্ম পরিচিতি*, ঢাকা: বাংলাদেশ, তাসমিয়া পাবলিকেশন্স।

ইসলাম, মো. শহিদুল (২০০৮)। *সমাজকর্ম*, ঢাকা: বাংলাদেশ, গ্রন্থ কুটির।

উদ্দিন, আহমেদ আয়েশ (১৯৭৮)। *রাষ্ট্রচিন্তা পরিচিতি পুঁটো থেকে মার্ক* (২য় সংস্করণ), ঢাকা: বাংলাদেশ, আইডিয়াল লাইব্রেরী।

করিম, রেজাউল (২০০৬)। *সমাজকর্ম: ধারণা, ইতিহাস ও দর্শন*, ঢাকা: বাংলাদেশ, জ্ঞানকোষ প্রকাশনী।

রহমান, হাবিবুর, দাস, তুলসী, ইসলাম, মো. ফখরুল ও ইসলাম, মো. রেজাউল (অনূদিত) (১৯৯৭)। *সমাজকর্ম অনুশীলন*, ঢাকা: বাংলাদেশ, গতিধারা।

Course Code: 211909	Marks: 100	Credits: 4	Class Hours: 60
Course Title: Introduction to Political Science			

Course Learning Objectives

- To absorb the basic concepts of political organization and their composition, functions, and institutional structures;
- To identify various forms of government and organs of the state;
- To identify and explain the central principles, institutions, procedures, and decision-making processes of the political system;
- To evaluate the basic strengths and weaknesses of the political systems of the Western World;
- To give knowledge about the theoretical and practical role of the state, its governmental organs, and the relationship among legislatures, executives, and judiciaries.

Course Learning Outcomes (CLO):

At the end of the course, students should be able to:

CLO 1	understand the basic concept of political organizations, relations, and functions of institutional structure;
CLO 2	think critically about why countries choose different mechanisms and institutions for governing and why these choices are important;
CLO 3	develop a sound knowledge of the major concepts and tools of political science and the relationships among organs of the government and their application in different countries.

Course contents

Topic	Course contents	Teaching Learning Strategy	CLOs
1	Introducing Political Science, Definition, Scope, Nature, State and Society, State and Government, Theories of the Origin of State. Fundamental Concepts: Sovereignty, Law, Liberty, Rights, Nation, Nationalism, and Internationalism.	Lecture Assignment	CLO 1
2	Constitution: Definition, Necessity, Methods of Establishing Constitution, Characteristics of a Good Constitution, supremacy of the Constitution, amendment	Lecture Assignment	CLO 1

	process.		
3	Forms of Government: Democracy and Dictatorship, Parliamentary and Presidential, and Unitary and Federal.	Lecture Assignment	CLO 1 CLO 2
4	Organs of State: Legislature-Its Importance and Functions, Unicameral and Bi-cameral Legislature, Decline of the Power of the Legislature; Executive – Its Importance and Functions, Growing Power of the Executive, Cabinet Dictatorship; Judiciary – Its Importance and Functions, Independence of Judiciary, Judicial Review.	Lecture Assignment	CLO 2
5	Separation of Powers, Representation: Proportional and Majoritarian Representation, and Consociationalism.	Lecture Assignment	CLO 3
6	Political party: Origin and development of Political parties, Coalition Politics, Functions of Pressure Groups, Difference between Political Parties and Pressure Groups, Bureaucracy and Pressure Groups.	Lecture Assignment	CLO 1 CLO 2
7	Public Opinion: Its Meaning, and Significance, State and Civil Society, Governance, Good Governance.	Lecture Assignment	CLO 3

List of Books:

Ball, A. R., & Peters, B.G. (2000). *Modern politics & government*. Seven Bridges Press.

Islam, M. (2005). *Constitutional law of Bangladesh*. BILIA.

Laski, H. J. (1967). *A grammar of politics* (5th ed.). HarperCollins Publishers.

Lijphart, A. (1977). *Democracy in plural societies: A comparative exploration*. Yale University Press.

Lijphart, A. (2008). *Thinking about democracy: Power sharing and majority rule in theory and practice*. Routledge.

March, J. G., & Olsen, J.P. (1989). *Rediscovering institutions: The organizational basis of politics*. Free Press.

Wilson, J. Q. (1995). *Political organizations*. Princeton University Press.

Course Code:	219901	Marks: 100	Credits: 4
Course Title:	History of Bangladesh: Language, Culture, and Identity		Hours: 60

Course Objective:

This course is designed to help undergraduate students from diverse academic backgrounds develop a comprehensive and nuanced understanding of the historical development of Bangladesh, with a particular focus on its language, culture, and identity. By critically examining a variety of historical events, socio-political movements, and cultural shifts from ancient times to the contemporary period, students will have the opportunity to trace the evolution of the Bengali nation. The course aims to foster informed citizenship through an exploration of the Liberation War, identity formation processes, cultural heritage, the lives and contributions of key political figures, and the roles of ethnic minorities. Ultimately, the objective is to equip learners with the intellectual tools necessary to contextualize current national debates and to recognize the role of youth and globalization in shaping the future of Bangladesh.

Course Learning Outcomes:

At the end of the course, learners will be able to:

CLO 1: Recall key historical events, dates, movements, personalities, and cultural developments that contributed to the emergence of Bangladesh from the pre-colonial period to the present day.

CLO 2: Demonstrate an understanding of the socio-political, linguistic, and cultural influences that shaped Bengali identity and nationalism, emphasizing the Language Movement, Liberation War, and subsequent democratic uprisings.

CLO 3: Apply their historical and cultural understanding to interpret contemporary national issues and debates relating to identity, political reform, and cultural transformation in Bangladesh.

CLO 4: Analyze how historical events, political ideologies, and social changes are interconnected in shaping the current socio-political landscape of Bangladesh, with a particular emphasis on the roles of movements, minorities, and the youth.

Course Contents:

Course contents	Teaching Learning Strategy	CLOs
1. Pre-colonial Era - Life and Culture of the People in Ancient Bengal - Bengal Under Muslim Rulers: Society, Culture, and Religion - Role of the Sufis in Preaching Islam and Impacts of - Sufism on the Bengali Society	Interactive lectures	CLO 1,2

Bengali Society and Culture in the Writings of Foreigners		
2. Colonial Era (18th and 19th Century) - The Battle of Plassey (1757) and the Beginning of British Colonialism - Bengal Renaissance - Reforms in Hindu Society - New Forms in Bengali Literature and Culture - The Muslim Response to Western Education	Interactive lectures, reading, and assignments	CLO 1,2
3. Colonial Era (First Half of the 20th Century) - Partition of Bengal (1905) - Hindu-Muslim Disagreements - Formation of the All India Muslim League (AIML) - Muslim Shahitya Samaj - Buddhir Mukti Andolan: The Urge for Rational Thinking in Bengali Muslim Society - Growth of Religion-based Identity - Politics of Hindutva and the Two-Nation Theory - Spread of Communalism in Society - The Partition of India and Bengal	Interactive lectures and group discussions	CLO 2,3
4. Post-Partition Era (1947-1971) - Language Movement - Political, Economic, and Cultural Aspects - Growth of Vernacular Nationalism - Cultural Activism	Interactive lectures and group discussion	CLO 2,3
5. Changing Bengali Identity - The Evolution of Bengali Identity in the Context of Language, Culture, and Religion - From Ancient Times to the Present - The Role of the Bengali Language in Shaping Identity - The Language Movement of 1952 and Its Long-term Impact on National Consciousness - The Influence of Religion on Bengali Identity - The Impact of Socio-political Movements on Identity Formation - The Liberation War of 1971 - Contemporary Debates on Bengali Identity - The Role of Youth in Redefining Identity - The Influence of Globalization	Interactive lectures and thematic assignments	CLO 2,3

6. Liberation Movement of 1971 and Mass Uprising till 2024 • The Political and Economic Exploitation of East Pakistan by West Pakistan • Six (6) Points Movement, Uprising of 1969 • The 1970 General Elections • The Non-cooperation Movement and the Declaration of Independence • The Role of AK Fazlul Haque, Huseyn Shaheed Suhrawardy, Maulana Bhashani, Sheikh Mujibur Rahman and Ziaur Rahman • The Liberation War of 1971 • Genocide and Resistance • The Role of the Mukti Bahini • Post-independence Challenges • Nation-building • Political Instability • Mass Uprisings and Democratic Movements • The Anti-autocracy Movement of the 1980s • The 1990s Movement for Democracy and Afterwards • The 2024 Movements for Political and Social Reforms	Interactive lectures, group discussions, and thematic assignments	CLO 1 CLO 3-4
7. History of Other Ethnic Groups • The Indigenous Communities of Bangladesh • Historical Presence • Cultural Practices • Land Rights and Cultural Assimilation • Contributions and Sacrifices • Political Representation of Ethnic Minorities	Interactive lectures and group discussions	CLO 4
8. Cultural Heritage and Modern Transformations • The Evolution of Bengali Culture • From Ancient Traditions to Modern Expressions • The Role of Literature, Music, and Art in Shaping Bengali Identity • Contributions of Rabindranath Tagore, Kazi Nazrul Islam, and Other Cultural Icons • The Impact of Globalization on Bengali Culture • The Revival of Traditional Arts • The Role of Youth in Cultural Innovation Urbanization • Environmental Changes • The Commodification of Culture	Interactive lectures, documentary screening, and thematic assignments	CLO 1-4

List of Books:

- Ahmed, M. (1979). *Bangladesh: The constitutional quest for autonomy*. University Press Limited.
- Ahmed, R. (1981). *The Bengal Muslims 1871–1906: A quest for identity*. Oxford University Press.
- Alavi, H. (1972). The state in post-colonial societies: Pakistan and Bangladesh. In K. Gough & H. P. Sharma (Eds.), *Imperialism and revolution in South Asia* (pp. 145–178). Monthly Review Press.
- Bernier, F. (2023). *Travels in the Mogul Empire: A.D. 1656–1668*. Atlantic Publishers.
- Bleie, T. (2005). *Tribal peoples, nationalism, and the human rights challenge: The Adivasis of Bangladesh*. University Press Limited.
- Bosc, S. (2011). *Dead reckoning: Memories of the 1971 Bangladesh war*. Hurst & Company.
- Eaton, R. M. (1996). *The rise of Islam and the Bengal frontier, 1204–1760*. University of California Press.
- Gilmour, D. (2019). *The British in India: Three centuries of ambition and experience*. Penguin.
- Habib, L. (1982). *The Cambridge economic history of India*. Cambridge University Press.
- Halim, S., Amanullah, A. S. M., & Nasir, R. I. (Eds.). (2024). *Society and sociology in Bangladesh: A South Asian perspective*. University Press Limited.
- Hashmi, T. (2021). *Fifty years of Bangladesh, 1971–2021: Crises of culture, development, governance and identity*. Palgrave Macmillan.
- Huq, M. E. (1975). *History of Sufism in Bengal*. Bangladesh Asiatic Society.
- Husain, I. (2014). *Karl Marx on India*. Tulika Books.
- Jahan, R. (1972). *Pakistan: Failure in national integration*. Columbia University Press.
- Maniruzzaman, T. (1988). *The Bangladesh revolution and its aftermath* (2nd ed.). University Press Limited. (Original work published 1980)
- Mascarenhas, A. (1986). *Bangladesh: A legacy of blood*. Hodder & Stoughton.
- Rashid, H. O. (2015). *The foreshadowing of Bangladesh: Bengal Muslim League and Muslim politics* (3rd ed.). University Press Limited.
- Roy, A. (1984). *The Islamic syncretistic tradition in Bengal*. Princeton University Press.
- Sen, A. (2006). *Identity and violence: The illusion of destiny*. W. W. Norton & Company.
- Umar, B. (2022). *The emergency of Bangladesh: A history of East Pakistan*. Bangla Gobeshona

Course Code	219903	Marks: 75	Credits: 3
Course Title:	Information and Communication Technology		

Course Objectives:

The main objective of the course is to develop students' understanding and skills in using, managing, and applying technology to solve problems and enhance various aspects of life and work. Key areas of focus include understanding ICT systems, software, hardware, networks, and their applications.

Course Learning Outcomes: The student will be able to:

CLO 1	Explain foundational ICT concepts, including the information processing cycle.
CLO 2	Operate standard computer hardware and software systems effectively.
CLO 3	Use office productivity tools (Word, Excel, PowerPoint) for academic and professional tasks.
CLO 4	Apply safe internet practices and use internet tools for communication and information retrieval.
CLO 5	Understand and explain the concepts of Data Analytics, Artificial Intelligence (AI), and Machine Learning (ML)
CLO 6	Understand the concept of free-lancing

Course Contents:

Unit	Specific Objectives	Content	Teaching and Learning Approach
Unit 1: Introduction to Information and Communications Technology (ICT) and Computer System	The student will be able to: • Explain the concept of ICT and its related terminologies . • Describe the information processing cycle. • Analyze the impact of ICT on educational, social and economic development.	Definition of ICT, basic concepts and terminologies. Data, Information Application of ICT, Advantages and Disadvantages of ICT, Impact of ICT Career opportunities in ICT education Information Processing Cycle. Classification of Computers The Vital Components of the Systems Unit.	Classroom Lectures

	• Identify career opportunities in ICT education. • Differentiate among the classes of computers and the usages of them. • Identify the vital components of the Systems Unit.		
Unit 2: Computer Hardware and Software	The student will be able to: • Describe the categories of Computer Hardware. • Describe the commonly used Input and Output devices • Identify the main processing devices, storage devices and media. Identify the main communication devices. • Identify types of Software packages. • Distinguish between an Operating	Categories of Computer Hardware: Input devices, Processing devices, Output devices, Storage devices Communication devices, Main Processing Devices: The Processor, Control Unit and Arithmetic and Logic Unit Software Packages, Operating Systems, Types and uses of Operating Systems, Types and uses Application Software: Educational software, Games software, Graphics software Browsers: Internet explorer, Google chrome, Mozilla Firefox, Opera, Internet explorer, Mozilla Firefox; Proprietary and Open Source Software	Classroom lectures and Lab

	System and Application software. • Identify different types, examples and uses of Operating Systems and Application software • Distinguish between Open Source and Proprietary Software.		
Unit 3: Introduction to Word Processing Application	• The student will be able to: • Identify Word Processing packages. • Create and save a document using the Word Processor. • Format a Word document using formatting tools. Demonstrate the ability to perform collaborative editing. • Insert tables in a Word Processing document.	Word Processing Packages and Their Uses. Introduction of Microsoft Word Software. File creation and saving: New, Save, Open, Save As. Editing: Copy/Cut, Paste, Undo, Redo, Find, Replace, Clipboard, Sub-Headings And Paragraphs, Text Correction, Wrapping Text, Text Orientation Formatting: Font: Style, Size, Color, Bold, Underline, Italic, Superscript, Subscript, Shadow, Strikeout. Paragraph: Alignment, Bullet & Numbering, Indent, Line Spacing, Table Border Insert: Table, Picture, Shape, Smart Art, Chart, Header, Footer, Page Number, WordArt, Drop Cap, Symbols, Equations, Hyperlink, Comment.	Classroom Lectures, Lab, and Hands-on Practice

	• Insert symbols and pictures in Word Processing documents. • Use layout techniques in document creation. • Inserting headers and footers. • Print documents using the various print options.	Page Design: watermark, page border Layout: Page setup, print	
Unit 4: Spreadsheet Application	• The student will be able to: • Identify Spreadsheet Packages. • Explain the importance of the Spreadsheet application in data management. • Explain related concepts and terminologies in the Spreadsheet. • Identify features in the Spreadsheet application window. • Create and save a Workbook. • Construct and	Spreadsheet Packages, e.g. Excel. Importance of Spreadsheet application in Data Management, Related Concepts and Terminologies (e.g., cell(s), rows, columns, worksheet, workbook) Excel Tool Bars: Formatting Bar, Standard Bar, Formula Bar. Types of Data and Their Uses (e.g., number, date, text, currency), Creating and Saving a Workbook, Formula and Functions, Sorting, filtering, validation, creating pivot table. Formatting Worksheet Using Formatting Tools. Draw Graph/chart, Printing Worksheet.	Classroom Lectures, Lab and Hands-on Practice

	insert simple formulae and functions. • Format the worksheet using formatting tools. • Printing a worksheet.		
Unit 5: Presentation Application	• The student will be able to: • State the importance of the Presentation application. • Identify the commonly used features of a Presentation application while prepare a presentation. • Create and save presentations using a template, Add new slide(s). Edit text, Format text, Insert objects, images and pictures, Run slide show, Apply transition, animation effects to slides • Select the	Presentation Applications Packages, Devices used for Presenting, Importance of Presentation Application, Principles for Designing Presentations, Terminologies in Presentation Application (eg, , Slide transitions, Slide show, etc.), Commonly Used Features of Presentation Application Window: Toolbars, Different presentation view modes Prepare a Presentation: Slide creating, editing, theme, background, inserting elements (image, audio, video hyperlink, table, smart art, graph, etc.) and formatting slides, Slide Layout, slide Show, slide transition, animation Effects. Selection of Print Option: Entire presentation, Specific slides, Handouts, Notes pages, outline view of slides.	Classroom Lectures, Lab and Hands-on Practice

	print option for printing. • Prepare a presentation on a selected topic and present it.		
Unit 6: Privacy and Security	The student will be able to: • Understand the basics of digital security • Use some security tools. • Understanding digital ethics.	Introduction to Information Security, cybercrime, DoS and DDoS Attack, Key Management, Digital Signature and Certifications, privacy, Data Security, Vulnerability, Threat and Risk, Malware, Social Engineering, Hacking, Plagiarism, Fishing, Software Piracy, Worms and Viruses, Spam, Adware, Malware, Spyware, Antivirus Software Ethics in the digital world	Classroom Lectures, Lab and Hands-on Practice
Unit 7: Using The Internet to Communicate and Accessing Information	• The student will be able to: • Explain basic concepts, requirements, and terminologies of the Internet • Apply the rules and regulations in the use of the internet. • Using email • Use the internet social network to communicate • Use Uniform	Internet, Intranet, Extranet, IP Address, Masking, MAC Address, Internet Services, OSI Reference Model, TCP/IP protocol stack, IPv4, IPv6, subnet Masking, MAC Address, Internet Services, Network Configuration and Troubleshooting, Wi-Fi,	Classroom Lectures, Lab and Hands-on Practice

	Resource Locators (URLs) to access Information. Use search engines to access information • Upload files to virtual drives and work on it.	Broadband, Email Usage. Rules and Regulations in the Use of the Internet: Spam-Unsolicited Emails, People's Privacy, Intellectual Property Rights, etc. E-mail: Creating an Email Account, Sending, Accessing Email Messages, Attaching Documents to Email Messages, Using the Internet: Social Networks to Communicate, Uniform Resource Locators (URLs) to Access Information, Using Search Engines, Downloading Information from the Internet. Transferring Information from the Internet to a Different Application Intellectual Property Rights, ICT Policy, Software Piracy etc. Using Cloud Space: Google Drive, Google Workspace, OneDrive, Dropbox, etc.	
Unit 8: Emerging Technologies: Data analytics, Artificial intelligence, Machine learning	• Define Data Analytics, Artificial Intelligence (AI), and Machine Learning (ML). • Understand how data is collected, processed, and used for decision-making. • Recognize	Introduction to Data Analytics: Define Data, Types of Data, Define Data Analytics, Basic Steps in Data Analytics, Applications of Data Analytics, Common Tools of Data Analytics (Excel, Tableau, Power BI, Python, SQL, etc.). Artificial Intelligence (AI): Define AI, Objectives of AI, AI capabilities, AI applications (NLP, Image Recognition, Predictive Analytics, Recommender Systems, Robotics, etc.); AI	Classroom Lectures, Lab and Hands-on Practice

	the role of AI and ML in everyday life. • Explain basic differences between AI and ML. • Discuss benefits and challenges of these technologies. • Recognize current trends and career opportunities in these fields.	Tools: OpenAI GPT, TensorFlow, PyTorch, Keras, Scikit-learn, etc.), AI in daily life (Voice assistants, facial recognition, GPS route suggestions, chatbots, etc.) . Machine Learning (ML): Define Machine Learning (ML), How It Works, Classification of ML, applications of ML, and common ML platforms (Teachable Machine, TensorFlow, PyTorch, Microsoft Azure Machine Learning, etc.). Relationship Between Data Analytics, AI, and ML Benefits & Challenges of Data Analytics, AI, and ML. Future Trends & Career Paths.	
Unit 9: Introduction to Freelancing	The student will be able to: • Define and explain the fundamental concept and significance of freelancing in the global context. • Identify and categorize various online marketplaces and professional fields. • Develop professional	Introduction and Basic Concepts, Fields of Freelancing, Essential Skills and Preparation, Introduction to Freelancing Marketplaces, Creating Profile and Portfolio, Earning and Transaction Process, Building a Freelancing Career, Challenges and Solutions.	Classroom Lectures, Practical Demos, Assignments, Discussions

	profiles, portfolios, and proposals suitable for freelancing platforms. • Demonstrate the use of online payment systems and financial transaction methods. • Analyze and evaluate strategies for career development and effectively apply techniques to overcome freelancing challenges.		
--	--	--	--

List of Books:

Norton, P. (2008). *Introduction to computers* (9th ed.). The McGraw-Hill.

Comer, D. E. (2018). *The internet book: Everything you need to know about computer networking and how the internet works* (5th ed.). Chapman and Hall/CRC Press.

Lambert, J., & Frye, C. (2015). *Microsoft Office 2016 step by step*. Microsoft Press.

Hassan, N. A., & Hijazi, R. (2017). *Digital privacy and security using Windows: A practical guide*. Apress.

Maheshwari, A. (2024). *Data analytics made accessible*. Jay Cobb.

Russell, S. J., & Norvig, P. (2020). *Artificial intelligence: A modern approach* (4th ed.). Pearson.

Alpaydin, E. (2020). *Introduction to machine learning* (4th ed.). MIT Press.

Course Code	219904	Marks: 25	Credit: 1
--------------------	---------------	------------------	------------------

Course Title:	Lab: Information and Communication Technology
----------------------	--

Course Objectives:

The main objective of the course is to teach the students' understanding and skills in using, and applying technology to solve problems and enhance various aspects of life and work. It includes assembling hardware, installing software, preparing PPT slides, and producing Word and Excel documents.

Course Learning Outcomes:

The student will be able to:

CLO 1	Learn assembling hardware
CLO 2	Prepare, edit and print Word documents and excel
CLO 3	Prepare Power Point presentation.
CLO 4	Access information from Internet, e-mail
CLO 5	Installation of anti-virus software
CLO 6	Data collection, Prediction, Pattern recognition, classification
CLO 7	Exploring markets, Proposal writing, Simulation strategies

List of Experiments

CLO Addressed	Unit	Experiments	Teaching Learning Approach
CLO1	1-4	- Assemble different hardware - Install different software - Operate the computer - Drive, folder and file management - Maintenance	Lab and Hands-on Practice
CLO 2	3	Word - Prepare a Word document on a specific topic (e.g, routine, question paper, CV, reports, applications) - Formatting the document (Alignment, table,	Lab and Hands-on Practice

		border, watermark, etc.), e.g., newspaper article, academic report, or documentation used in daily life, book, poster • Print documents with different paper and printers	
CLO 2	4	• Excel • Prepare a grade sheet • Prepare a family expenditure • Prepare a business expenditure report • Prepare payroll management, with a report • Create graphs on the given data • Print Excel files	Lab and Hands-on Practice
CLO 3	5	Power point • Prepare an academic presentation on a specific topic. • Formatting the slides & using different tools. • Apply animation and transition • Print PPT files in different modes: Hand note, Slides shorter, outline	Lab and Hands-on Practice
CLO4	6	• Install antivirus software, e.g., Norton Antivirus, McAfee, Kaspersky, Avast.	Lab and Hands-on Practice
CLO5	7	• Use of email • Access information from the internet, use a search engine. • Use of virtual drive for collaboration • Google Meet	Lab and Hands-on Practice
CLO6	8	• Data Collection and Visualization (Excel) • Simple Prediction (Excel) • Pattern recognition (Teachable Machine) • Classification (Teachable Machine)	Lab and Hands-on Practice
CLO7	9	Free lancing • Marketplace exploration and portfolio creation • Proposal writing • Payment simulation	Lab, Hands-on, Group Work, Discussion

Instructions for the Lab:

1. Lab sessions should be hands-on, with students engaging in tasks like assembling hardware, installing software, and using office tools.
2. Software like Microsoft Word, Excel, PowerPoint, and Teachable Machine will be used for document creation, data analysis, and basic machine learning.
3. Labs also include antivirus installation, email use, and online collaboration via Google Meet and Drive, emphasizing teamwork and problem-solving.

Instructions for the Lab exam:

1. The lab exam is individual. Students must answer two out of seven questions.

2. Marks distribution: Experiment (20 marks, 10 for each) for practical tasks, Viva-Voce (5 marks) for oral assessment. Total: 25 marks.

List of Books:

Comer, D. E. (2018). *The internet book: Everything you need to know about computer networking and how the internet works* (5th ed.). Chapman and Hall/CRC Press.

Lambert, J., & Frye, C. (2015). *Microsoft office 2016 step by step*. Microsoft Press