NATIONAL UNIVERSITY

BANGLADESH

irst Year Syllabus
Department of English

Four-Year B.A. (Honors) Program
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 positions 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. (Honors) in English Language and Literature

Mission of the Department

The mission of the department is to develop human resources exploring fullest potential capabilities and intellectual abilities. This needs to enhance the cultural, ethical, and social values of the students towards building a better life and a prosperous nation. The faculties of the department are fully aware of the academic programs and they keep themselves busy to make the program a success. The aims and objectives of this program are as follows:

a. to make good citizens with enlightened careers, sophisticated customs and manners
b. to be capable enough to contributing towards the socio-economic development of the country for its world-wide identity
c. to make the students competent enough to cope with the changing global perspective
d. to prepare the students fully conscious about the history and the culture of English literature, philosophy, literature in translation, linguistics, translation studies, and ELT in particular and the world in general

Program Educational Objectives (PEOs)

The general objectives of the program are as follows:

PEO 1: The students will be acquainted with relevant conceptual and comprehensive knowledge about the English literature, philosophy, linguistics, ELT in particular and the history of Europe and World in general. It aims to inspire the students for the origin and the development of their questioning mind and profound knowledge and also keen thinking along with analytical ability and skills.

PEO 2: The students' ability to dive into the subject-matter for its effective application in the future professional and practice life will be developed.

PEO 3: The students will be able to build the interpersonal leadership and team building capability towards facing the challenges in the global perspectives.

Program Learning Outcomes (PLOs)

After the completion of this program, the graduates ought to acquire the following skills:

PLO1: Basic and Specialized Knowledge: Basic and specialized knowledge in English History, Philosophy, South Asian and African Literature, Literature in Translation, Sub-continental Literature, Linguistics, and ELT, Basics of Computer Applications and Fundamentals of Research Methodology and Dissertation writing ought to learn.

PLO 2: Intellectual Skills: Research-bent mind, intellectual skills, curiosity and questioning minds are the most important aspects of higher education. It develops among the students gradually through learning history of English Literature. English also makes a man perfect and informative. Intellectuality develops through learning English.

PLO 3: Linguistic Skills: To acquire good knowledge and command over English linguistic skill is essential for its in-depth study. Original sources of English Language and Literature till today are available in English, French and Bangla languages. Hence the students ought to acquire mastery over different branches of knowledge.

PLO 4: Communicative Skills: Expression ability of ideas and subject oriented knowledge and beyond it is essential for advantageous position in the competitive job markets. The students are instructed to prepare themselves in that way.

PLO 5: IT Skills: Quality education lies not only in gathering subject oriented knowledge but also provides themselves with IT skills for interaction on a global stage, where IT is increasingly considered as an effective and convenient means of communication. So, it is important for the students to have the ability to use modern technology for their easy access to have any sorts of information and its proper explanation.

PLO 6: Interpersonal and teambuilding Skills: It relates to have respect for other individuals and groups including appreciation of human values and cultural diversity. Ability to work in a team respecting and accommodating others' opinions is important in the present day global and multicultural environmental setting.

PLO 7: Numerical Skills: It is essential to have the ability to recognize process and interpret numerical information with accuracy to face all sorts of global challenges.

English

First-Year Course and Marks Distribution

First Year

Course Code	Course Title	Marks	Credits
211101	English Reading Skills	100	4
211103	English Writing Skills	100	4
211105	Introduction to Poetry	100	4
211107	Introduction to Prose: Fiction and Non- Fiction:	100	4
211009 212009 211909	বাংলা ভাষা ও সাহিত্য (Bangla Language and Literature) Or Introducing Sociology Or Introduction to Political Science	100	4
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: 211101	Marks: 100	Credits: 4	Class Hours: 60
Course Title:	English Reading Skills		

Aims and Objectives:

This course aims at building up reading skills in the students. The learners will develop theoretical aspects of reading for different purposes and contexts. The learners will develop reading skills to communicate in real-life situation. Over all, this course will help develop the required reading skills of the learners.

Course Objectives (COs):

This course aims to:
1. enhance the basic skills for reading purposes
2. help students interact with various kinds of texts and interpret their meanings using different reading strategies
3. develop students' professional skills in editing and proofreading

Intended Learning Outcomes/ Course Learning Outcomes (ILOs/CLOs)

After the completion of the course, students will be able to:

CLO 1: apply different reading strategies while reading texts of different genres
CLO 2: recognize the structure, figurative language, and style of a text
CLO 3: identify the main and supporting ideas of different texts
CLO 4: develop confidence as an EL reader

Mapping of CLOs with PLOs

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
CLO 1	✓	✓	✓	✓			
CLO 2	✓	✓					
CLO 3			✓	✓	✓		
CLO 4					✓	✓	✓

Course Contents:

Serial No	Topics to be Covered	Teaching Learning Strategies	CLOs
1.	Understanding ornamental expressions, Surveying text organization, Reading for specific information, Reading for general composition	Whiteboard-based lecture, Assignment, Class Tests, Group discussion, Final Examination	**CLO 1**
2.	Guessing word meaning by using knowledge of word forms, Word function, Word structure and formation and most importantly contextual clues	Whiteboard-based lecture, Assignment, Class Tests, Oral presentation, Final Examination	**CLO 2**
3.	Summarizing, Predicting, and Interpreting	Tutorial, Assignment, Class Tests, Oral presentation, Final Examination	**CLO 3**
4.	Tackling sentence meaning, Recognizing author's position, tone and attitude	Lecture, Assignment, Class Tests, Group discussion, Final Examination	**CLO 4**

List of Books:

Barr, P., Clegg, J., & Wallace, C. (1981). *Advance Reading Skills,* Longman

Greenall, S., & Swan, M.. (1986). *Effective Reading,* Cambridge University Press

Mosback, G., & Mosback, V. (2010). *Practical Faster Reading.* Cambridge University Press

Wallace. (1992). *Reading,* Oxford: Oxford University Press

Walter, C. (1988). *Class Readers*, Oxford: Oxford University Press

Williams. E. (1984). *Reading in the Language Classroom.* Macmillan

Course Code: 211103	Marks: 100	Credits: 4	Class Hours: 60
Course Title:	English Writing Skills		

Aims and Objectives:

This course aims at building up writing skills in the students. The learners will develop theoretical aspects of writing for different purposes and contexts. The learners will develop writing skills to communicate in real-life situation. Over all, this course will help develop the required writing skills of the learners.

Course Objectives (COs):

This course aims to:
1. enhance the basic skills for writing purposes
2. focus on writing as necessary skills for the upcoming advanced courses on literature and language
3. help students interact with various kinds of texts and interpret their meanings using different writing strategies
4. teach students how to start writing, how to write effective topic sentences, how to maintain the unity of coherence throughout a composition etc.
5. teach students other forms of writing like exam answers, précis, paraphrasing, letters, electronic messages etc.
6. develop students' professional skills in editing and proofreading

Intended Learning Outcomes/ Course Learning Outcomes (ILOs/CLOs)

After the completion of the course, students will be able to:

CLO 1: apply different writing strategies while writing different genres
CLO 2: recognize the structure, figurative language, and style of a text
CLO 3: write grammatical error free, concise, and precise sentences
CLO 4: make themselves critical, eloquent, and precise in their thinking
CLO 5: develop confidence as an EL writer

Mapping of CLOs with PLOs

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
CLO 1	✓	✓	✓	✓			
CLO 2	✓	✓					
CLO 3			✓	✓	✓		
CLO 4					✓	✓	✓

Course Contents:

Serial No	Topics to be Covered	Teaching Learning Strategies	CLOs
1.	Essays: descriptive, narrative, expository, and argumentative, Paragraphs using a variety of techniques, such as examples, listing, cause and effect, comparison-contrast among others,	Whiteboard-based lecture, Thematic assignment, Class Tests, Workshop, Final Examination	CLO 1 CLO 3
2.	Letters: components of a letter; letter formats; Types of letter: Informal letter, Formal letter, Job application/Cover letter; inquiry, orders; claim and adjustment; complaint.	Lecture, Assignment, Class Tests, Oral presentation, Final Examination	CLO 2
3.	E-mail writing, Report writing: definition and purpose of a report; types of report; objectives of a report; format of a report; basic and subsidiary parts of a report; elements of a long formal report; Writing CV	Whiteboard-based lecture, Assignment, Class Tests, Group presentation, Final Examination	CLO 4 CLO 3
4.	Writing poster, notice, minutes, memo, press release, Writing book review, Presentation/ Multimedia presentation	Tutorial, Assignment, Class Tests, Workshop, Final Examination	CLO 4 CLO 5
5.	Presentation/ Multimedia presentation/ Power Point Presentation, Characteristics of a good presentation, Preparing a presentation, Delivering the presentation	Whiteboard-based lecture, Assignment, Short presentation by students, Final Examination	CLO 4 CLO 5

List of Books:

Bazerman, C., & Wiener, H. S. (1998). *Writing Skills Handbook* (4ᵗʰ ed.). Houghton Miffin

Bahrens, L., Rosen, L. J. (2017). *A Sequence for Academic Writing* (7ᵗʰ ed.). Pearson

Bailey, S. (2015). *Academic Writing* (4ᵗʰ ed.), Routledge

Cuddon, J. A. (2013). *A Glossary of Literary Terms and Literary Theory.* New Jersy: Blackwell

Zemach, D. E., Rumisek, L.A. (2010). *Academic Writing From Paragraph to Essay*. Macmillan

Course Code: 211105	Marks : 100	Credits : 4	Class Hours : 60
Course Title:	Introduction to Poetry		

Aims and Objectives:

This course introduces the students to the world of poetry. By reading a selection of poetic works, the learners will examine the contextual, thematic, and formal aspects of poetry. The course also traces the evolution of poetry and poetics from the Elizabethan to the Postmodern period of English literature.

Course Objectives (COs):

This course aims to:
1. introduce the students to the genre of poetry and its distinctive characteristics
2. familiarize the students with some major English poets
3. provide the students with basic knowledge of the socio-cultural contexts of the selected poems
4. make the students competent in reading and analyzing poems of different kinds

Intended Learning Outcomes/ Course Learning Outcomes (ILOs/CLOs)

After the completion of the course, students will be:

CLO 1: well familiarized with poems of different languages (translated into English)
CLO 2: able to attain expertise in genres and forms ranging from the sonnet and elegy to concrete poetry
CLO 3: able to write effective papers to analyze style, structure, theme, and other features of poems
CLO 4: able to recognize the structure, figurative language, and style of a poem

Mapping of CLOs with PLOs

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
CLO 1	✓	✓	✓	✓			
CLO 2	✓	✓					
CLO 3				✓	✓		
CLO 4	✓	✓				✓	✓

Course Contents:

Serial No	Topics to be Covered	Teaching Learning Strategies	CLOs
1.	W. Shakespeare: That time of year thou mayst in me behold, Thomas Gray: Elegy Written in a	Lecture, Assignment, Class Tests,	CLO 1 CLO 2

	Country Churchyard, Christina Rossetti: Echo, Edgar Allan Poe: To Helen	Workshop, Final Examination	
2.	W. B. Yeats: A Prayer for My Daughter, R. Frost: Stopping by Wood on a Snowy Evening, Dylan Thomas: Fern Hill, Warsan Shire: Home	Lecture, Assignment, Class Tests, Group presentation, Final Examination	**CLO 2**
3.	John Donne: The Canonization, William Wordsworth: The Solitary Reaper, John Keats: Ode to Psyche, R. Browning: Patriot, George Herbert: The Collar	Lecture, Assignment, Class Tests, Group presentation, Final Examination	**CLO 2** **CLO 3**
4.	Kaiser Huq: Ode on the Lungi, Seamus Heaney: Death of a Naturalist, Gabriel Okara: Snowflakes Sail Gently Down, Nissim Ezekiel: Night on the Scorpion	Lecture, Assignment, Class Tests, Group discussion, Final Examination	**CLO 4**

Literary Terms:

Simile, Metaphor, Allegory, Epigram, Personification, Metonymy, Symbol, Chiasmus, Irony, Climax, Anticlimax, Alliteration, Assonance, Hyperbole, Paradox, Onomatopoeia, Bathos, Allusion, Conceit, Pun, Imagery, Elegy, Sonnet, Lyric, Dramatic Monologue, Ode, Ballad, Fable, Parable, Satire, Lampoon

Prosody:
Accent, Foot/ Measure, Blank Verse, Rhyme, Tercet , Couplet, Heroic Couplet, Scansion of verse and other relevant elements, Iambic meter, Trochaic meter, Anapestic meter, Syllable

List of Books:

Abrams, M. H., & Harpham, G.G. (2015). *A Glossary of Literary Terms* (11 ed.). Cengage

      Learning

Barnet, S. (2008). *An Introduction to Literature: Fiction, Poetry, and Drama.* New York:

Pearson Longman

Bohn, W. (2011). *Reading Visual Poetry.* UK: Fairleigh University Press

Eagleton, T. (2007). *How to Read a Poem.* Malden: Blackwell

Wobsky, S. (2001). *The Art of Poetry: How to Read a Poem.* Oxford: Oxford University Press

Lennard, J. (2006). *The Poetry Handbook* (2nd ed.)*.* Oxford: Oxford University Press

Course Code: 211107	Marks: 100	Credits: 4	Class Hours: 60
Course Title:	Introduction to Prose: Fiction and Non- Fiction		

Aims and Objectives:

This course introduces the students to different forms of prose, such as reflective and personal essays, short stories, and a novel. The students will be taught to analyze and appreciate prose through their reading of selected texts. They will progress from using these techniques to examine shorter pieces to undertaking the study of a complete novel

Course Objectives (COs):

This course aims to:
1. make students aware of the form, structure and stylistic features of different prose texts
2. familiarize the students with writing from different sub-genres (essay, short story, and novel)
3. enhance learners' knowledge of the historical, social and cultural contexts of each text
4. sensitize the students to various sub-genres of prose and a variety of themes chosen from different periods through close reading

Intended Learning Outcomes/ Course Learning Outcomes (ILOs/CLOs)

After the completion of the course, students will be able to:
    CLO 1. identify and distinguish the sub-genres of prose
    CLO 2. critically examine and analyze texts
    CLO 3. demonstrate knowledge about the development of prose
    CLO 4. respond to literary works as an expression of cultural values and connect them with their own culture

Mapping of CLOs with PLOs

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
CLO 1	✓	✓		✓			
CLO 2	✓	✓					
CLO 3			✓	✓	✓		
CLO 4						✓	✓

Course Contents:

Serial No	Topics to be Covered	Teaching Learning Strategies	CLOs
1.	**Non-fiction** F. Bacon : Of Great Place, A. Lincoln: Gettysburg Address, R. Tagore: Letter to Lord Chelmsford Rejecting Knighthood, Chinua Achebe: The Novelist as Teacher	Lecture, Thematic assignment, Class Tests, Group presentation, Final Examination	CLO 1
2.	**Fiction** S. Maugham: The Luncheon, O Henry: The Gift of the Magi, E. Hemingway: A Cat in the Rain, Han Kang: The Fruits of My Woman	Lecture, Thematic assignment, Class Tests, Group presentation, Final Examination	CLO 2
3.	**Novel** R. K. Narayan: The Guide	Lecture, Assignment, Class Tests, Stage presentation by students, Final Examination	CLO 3 CLO 4

List of Books:

Barnet, S. (2008). *An Introduction to Literature: Fiction, Poetry, and Drama.* New York: Pearson Longman

Hadfield, A. (Ed). (2013). *The Oxford Handbook of English Prose* (1500-1640). London: Oxford University Press

Kennedy, X. J., & Gioia, D. (1995). Literature: An Introduction to Fiction, Poetry, and Drama. Harper Collins

Lodge, D. (2012). *The Art of Fiction*. UK: Randomhouse

Sen. K. (1982). *R. K. Narayan-A Critical Appreciation,* University of Chicago Press

Course Code: 211009	Marks: 100	Credits: 4	Class Hours: 60
Course Title:	বাংলা ভাষা ও সাহিত্য (Bangla Language and Literature)		

কোর্সের উদ্দেশ্য:

'বাংলা ভাষা ও সাহিত্য' শিরোনামের বড়ত্র্যমাণ কোর্সটি প্রণয়নের উদ্দেশ্য স্নাতক (সম্মান) শ্রেণির ইংরেজি বিষয়ের শিক্ষার্থীদের বাংলা ভাষা ও সাহিত্যের ইতিহাস সম্পর্কে প্রয়োজনীয় ধারণা দেওয়া, বিভিন্ন কাজে বাংলা ভাষা ব্যবহারে দক্ষতা বৃদ্ধি করা এবং বাংলা সাহিত্যের প্রতি আগ্রহ জাগিয়ে তোলা। ভাষিক যোগাযোগের উদ্দেশ্যে নির্ভুল ও প্রমিত নিয়মে বাংলা লিখন, শুদ্ধ উচ্চারণে বাচনিক অনুশীলন আয়ত্ত করা এবং শিক্ষার্থীদের মধ্যে সাহিত্যবোধ জাগ্রত করার পাশাপাশি তাদের উদ্ভাবনী ও সৃজনীশক্তির প্রায়োগিক উৎকর্ষ সাধন করাও এই কোর্স প্রণয়নের অন্যতম উদ্দেশ্য। এর মাধ্যমে বাঙালির শিকড়ের সংস্কৃতিকে ধারণ করে শিক্ষার্থীরা ভবিষ্যতের চ্যালেঞ্জ মোকাবিলায় স্বদেশপ্রেমের চেতনায় উজ্জীবিত হয়ে জ্ঞান, দক্ষতা, মানবিক মূল্যবোধ ও ইতিবাচক দৃষ্টিভঙ্গিসম্পন্ন সুনাগরিক হিসেবে জাতির বৃহত্তর কল্যাণে অবদান রাখবে।

কোর্সের শিখনফল:

১. বাংলা ভাষার উদ্ভব ও বিকাশ এবং বাংলা ভাষারীতি সম্বন্ধে শিক্ষার্থীবৃন্দ প্রয়োজনীয় জ্ঞান অর্জন করতে পারবে।

২. বাংলা ভাষা শুদ্ধরূপে ব্যবহারে নানাবিধ অসুবিধা ও অসঙ্গতি দূরীকরণে শিক্ষার্থীবৃন্দ সচেতন হতে পারবে।

৩. শিক্ষার্থীবৃন্দ ভাষিক যোগাযোগে দক্ষতা বৃদ্ধি, বিদেশি ভাষায় ব্যুৎপত্তি অর্জন এবং নিরবচ্ছিন্ন লেখন আয়ত্তে সড়ামতা অর্জন করবে।

৪. শিক্ষার্থীবৃন্দ বাংলা সাহিত্যের উদ্ভব ও বিকাশের ইতিহাস সম্পর্কে প্রয়োজনীয় ধারণা অর্জন করতে পারবে।

৫. শিক্ষার্থীবৃন্দ সাহিত্যের 'নির্বাচিত পাঠ' অধ্যয়নে বাংলা সাহিত্যের প্রধান কয়েকটি আঙ্গিকের প্রতিনিধিত্বশীল রচনা পাঠ করে যে সাহিত্যবোধ অর্জন করবে তার মধ্যে দিয়ে বাংলা সাহিত্যের প্রতি তাদের আগ্রহ জন্মলাভ করবে।

৬. শিক্ষার্থীবৃন্দ বাংলা সাহিত্যচর্চায় উদ্বুদ্ধ হবে।

* কোর্সের শিখনফল ও পাঠক্রমের শিখনফলের ম্যাপিং (**Mapping of CLOS with the PLOS**):

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8
CLO1	✔	✔	✔	✔	✔	✔	✔	
CLO2	✔	✔	✔	✔	✔	✔	✔	
CLO3	✔	✔	✔	✔	✔	✔	✔	
CLO4	✔	✔	✔	✔	✔	✔	✔	
CLO5	✔	✔	✔	✔	✔	✔	✔	
CLO6	✔	✔	✔	✔	✔	✔	✔	

কোর্সের বিষয়বস্তু:

বিষয়	শিখন কৌশল	CLOs
ভাষা : ভাষা কী, ভাষার সংজ্ঞার্থ ও বৈশিষ্ট্য, বাংলা ভাষা, বাংলা ভাষার বিশ্বায়ন, বাংলা ভাষার উৎপত্তি ও বিকাশ, বাংলা ভাষারীতি, সাধু ও চলিত ভাষার প্রকৃতি ও পার্থক্য, প্রমিত বাংলার রূপ-রূপান্তর, বাংলা ভাষায় গুরুচণ্ডা-লী মিশ্রণ।	বক্তৃতা অ্যাসাইনমেন্ট	**CLO1**
ব্যাকরণ : বাংলা ধ্বনি ও বর্ণ, সংযুক্ত ব্যঞ্জনবর্ণ, প্রমিত বাংলা বানানের নিয়ম, যতিচিহ্ন ও ব্যাকরণিক চিহ্নের ব্যবহার, বাংলা ভাষার প্রয়োগ ও অপপ্রয়োগ, বাংলা পরিভাষা।	বক্তৃতা অ্যাসাইনমেন্ট	**CLO2**
নির্মিতি : অনুবাদ (ইংরেজি থেকে বাংলা), প্রতিবেদন বা রিপোর্ট রচনা, বক্তব্য লেখন, পত্রাদি লেখন, জীবন-বৃত্তান্ত লেখন, কার্য-বিবরণী লেখন । **নিবন্ধ লেখন** : (আন্তর্জাতিক মাতৃভাষা দিবস, স্বদেশপ্রেম ও বাংলা সাহিত্য, বাংলা নববর্ষ, বাংলার উৎসব-পার্বণ, বাংলার লোকসংস্কৃতি, বিশ্বায়ন, মানবিকতা ও নৈতিক মূল্যবোধ, শিষ্টাচার ও সৌজন্যবোধ, পরমতসহিষ্ণুতা, সর্বজনীন শিক্ষা, একুশে বইমেলা, সাম্প্রদায়িক সম্প্রীতি, স্বনির্ভর বাংলাদেশ, সাহিত্যপাঠের প্রয়োজনীয়তা/আনন্দ, চতুর্থ শিল্পবিপ্লব)।	লেকচার গ্রুপ আলোচনা অ্যাসাইনমেন্ট	**CLO3**
বাংলা সাহিত্যের সংক্ষিপ্ত ইতিহাস (৬৫০-২০০০)		**CLO4**
কবিতা : কবি ও পাঠ পরিচিতি * কাজী নজরুল ইসলাম : মানুষ * জীবনানন্দ দাশ : বনলতা সেন * ফররুখ আহমদ : সাত সাগরের মাঝি * শামসুর রাহমান : তোমাকে পাওয়ার জন্য হে স্বাধীনতা	বক্তৃতা দলগত আলোচনা কর্মশালা অ্যাসাইনমেন্ট	**CLO5**

* আল মাহমুদ : সোনালি কাবিন-৬			
ছোটগল্প : গল্পকার পরিচিতি ও গল্পের প্রকরণ ও শৈলি বিশেস্নষণ রবীন্দ্রনাথ ঠাকুর : পোস্টমাস্টার আবুল মনসুর আহমদ : হুজুর কেবলা মানিক বন্দ্যোপাধ্যায় : প্রাগৈতিহাসিক হাসান আজিজুল হক : খাঁচা মাহমুদুল হক : অশরীরী	বক্তৃতা দলগত আলোচনা কর্মশালা অ্যাসাইনমেন্ট		CLO6
প্রবন্ধ : প্রবন্ধকার পরিচিতি ও প্রবন্ধের বিষয়বস্ত বিশেস্নষণ বঙ্কিমচন্দ্র চট্টোপাধ্যায় : বাঙ্গালা ভাষা প্রমথ চৌধুরী : সাধুভাষা বনাম চলিত ভাষা রোকেয়া সাখাওয়াত হোসেন: স্ত্রীজাতির অবনতি মোতাহের হোসেন চৌধুরী : সংস্কৃতি–কথা সৈয়দ আলী আহসান : পূর্বাপর	বক্তৃতা দলগত আলোচনা কর্মশালা অ্যাসাইনমেন্ট		CLO7

সহায়ক গ্রন্থাবলি :

আজাদ, হুমায়ুন। (১৯৯২) । লাল নীল দীপাবলি। ঢাকা। আগামী প্রকাশনী

আনিসুজ্জামান ।(২০১৬)। রূপের সন্ধানে। ঢাকা। সাহিত¨প্রকাশ

আলম, মাহবুবুল ।(২০১৮)। *বাংলা সাহিত্যের ইতিহাস*। ঢাকা। খান ব্রাদার্স অ্যান্ড কোম্পানি

আহমদ, ওয়াকিল। (২০১৫)। বাংলা সাহিত্যের পুরাবৃত্ত। ঢাকা। খান বধাদার্স অ্ন্ড কোম্পানি

আহসান সৈয়দ আলী ।(২০১২)। মধুসূদন : কবিক...তি ও কাব¨াদর্শ । ঢাকা। মু৩ধারা

ইসলাম, রফিকুল ।(১৯৯৭)। কাজী নজরম্নল ইসলাম : জীবন ও সৃষ্টি। কলকাতা। কে পি বাগচী অ্ন্ড কোম্পানি

একাডেমি, বাংলা ।(২০১২)। প্রমিত বাংলা বানানের নিয়ম। ঢাকা। বাংলা একাডেমি

মামুদ, হায়াৎ ।(২০১৮)। বাংলা লেখার নিয়ম কানুন। ঢাকা। প্রতীক

মুসা, মনসুর ।(২০০২)। বাংলা পরিভাষা : ইতিহাস ও সমস্যা ঢাকা। বাংলা একাডেমি

শহীদুল্লাহ, মুহম্মদ ।(২০১৮)। বাংলা ভাষার ইতিবৃত্ত। ঢাকা। মাওলা বধাদার্স

শেখর, সৌমিত্র ।(২০২৫)। প্রমিত বাংলা বানানের নিয়মনীতি। ঢাকা। অগ্নি পাবলিকেশন্স

হক, মাহবুবুল ।(২০২৩)। বাংলা বানানের নিয়ম। ঢাকা। সাহিত্য প্রকাশ

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

Course Objectives (COs)

The course is designed to provide foundational knowledge of sociology as a social science. It will explain key concept, 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 evolution of society.

CLO6: Students will know both about social institutions and various factors which contribute to social stratification and mobility within society.

CLO7: They will recognize different social problems of Bangladesh.

CLO8: They will be able to analyze the influences of social forces on individual behavior and social change which 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 freeness 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, over-urbanization. Social inequality and forms of stratification:	Lecture and Assignment	CLO 7

	caste, class race and gender. Theories of inequality and Social mobility.		
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. Actual

Goldthorpe, J. E. (1985). *An introduction to sociology* (3 rd ed.). Cambridge
    University Press.

Haralambos, M., & Holborn, M. (2013) *Sociology: Themes and Perspectives*, Harper Collins
    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*. (1 st ed.). Greenwood Press.

Turner, B. S. (1999*). Classical Sociology. (9st ed.).* Sage Publication.

Course Code: 211909	Marks: 100	Credits: 4
Course Title:	**Introduction to Political Science**	

Course Objectives (COs)

CO 1	To absorb the basic concepts of political organization and their composition, functions and institutional structures;
CO 2	To identify various forms of government and organs of the state;
CO 3	To identify and explain the central principles, institutions, procedures, and decision-making processes of the political system;
CO 4	To evaluate the basic strengths and weaknesses of the political systems of the Western World;
CO 5	To give knowledge about the theoretical and practical role of state, their governmental organs and the relationship among legislatures, executives and judiciaries.

Course Learning Outcomes (CLOs)

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

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

Course Contents:

Chapter No.	Topics	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 process	Lecture Assignment	CLO 1

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*, New York, Seven Bridges Press.

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

James Q. Wilson. (1995). *Political Organizations*, Princeton, Princeton University Press.

Josep M. C. (2003). *Political Institutions*, Oxford, Oxford University Press.

Laski H. J. (1967). *A Grammar of Politics*. (5th ed.). New York, Harper Collins Publishers Ltd.

Lijphart A. (1977). *Democracy in Plural Societies: A Comparative Exploration*, New Haven, Yale University Press.

Lijphart A. (2008). *Thinking about Democracy: Power Sharing and Majority Rule in Theory and Practice*, Abingdon, Routledge.

March, J.G. & Olsen, J.P. (1989), *Rediscovering Institutions: The Organizational Basis of Politics*, New York, 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	Interactive lectures,	CLO 1 CLO 3-4

• 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	group discussions, and thematic assignments	
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.* Dhaka: University Press Limited.

Ahmed, R. (1981). *The Bengal muslims 1871-1906: A quest for identity.* Oxford University Press.

Bernier, F. (2023). *Travels in the Mogul Empire: A.D. 1656-1668.* Chennai: 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.* Berkeley: University of California Press.

Gilmour, D. (2019), *The British in India: Three centuries of ambition and experience.* London. Penguin.

Habib, L. (1982). *Cambridge economic history of India. Cambridge.* Cambridge University Press.

Halim, S., Amanullah, A. S. M., & Nasir, R. 1. (Eds.). (2024). *Society and sociology in Bangladesh*: *A South Asian perspective.* The University Press Limited.

Hashmi, T. (2021). *Fifty Years of Bangladesh, 1971-2021 Crises of Culture, Development, Governance and Identity.* Switzerland: Palgrave Macmillan.

Huq, M. E. (1975). *History of Sufism in Bengal. Dhaka.* Bangladesh Asiatic Society

Husain, 1. (2014). *Karl Marx on India.* New Delhi: Tulika Books.

Jahan, R. (1972). *Pakistan: Failure in national integration.* New York, NY: Columbia University Press.

Maniruzzaman, T. (1988*). The Bangladesh revolution and its aftermath.* (2nd ed.). Dhaka: University Press Limited. (Original work published 19801

Mascarenhas, A. (1986). *Bangladesh: A legacy of blood. London:* Hodder and Stoughton.

Rashid, H. O. (2015). *The foreshadowing of Bangladesh: Bengal Muslim League and Muslim politics* (3rd ed.). Dhaka: University Press Limited.

Roy, A. (1984). *The Islamic syncretistic tradition in Bengal. Princeton.* NJ: 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.* Dhaka: 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)

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. • Identify career opportunities in ICT education.	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

	• 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 System and Application software. • Identify different types, examples and uses of Operating Systems and Application software • Distinguish between Open Source and Proprietary Software.	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
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.	Word Processing Packages and Their Uses Creating a Document Using a Word Processor Saving a Document Using the 'Save As' command Editing a Word Document Using Common Editing Tools: Copy/cut, paste, Undo and redo, find, replace, clipboard	Classroom Lectures, Lab, and Hands-on Practice

	• Insert tables in a Word Processing document. • 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.	Creating a Document with More Sub-Headings and Paragraphs Text correction, Wrapping options, Text orientation Formatting and saving a Word document using the formatting tools: font (style, size, color, etc.), bold, underline, italic, superscript, subscript, shadow, strikeout, font color Paragraph Editing: alignment, bullet & numbering, indent, line spacing, table border Collaborative Editing: Using the highlighting option to track changes in a document, accepting or rejecting changes Insert: Adding text comments, Inserting Tables in a Word Document and inserting Symbols and Pictures in a Word Document. Header, footer, page number, drop cap, word art 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	Spreadsheet Packages, e.g. Excel Importance of Spreadsheet application in Data Management, Related Concepts and Terminologies (e.g., cell(s), rows, columns, worksheet, workbook)	Classroom Lectures, Lab and Hands-on Practice

		terminologies in the Spreadsheet. • Identify features in the Spreadsheet application window. • Create and save a Workbook. • Construct and insert simple formulae and functions. • Format the worksheet using formatting tools. • Printing a worksheet.	Features in the Spreadsheet Window Tool Bars: formatting bar, standard bar, formulae bar Types of Data and Their Uses (e.g., number, date, text, currency), Creating and Saving a Workbook, Constructing and Inserting Simple Formulae and Functions Formatting Worksheet Using Formatting Tools Draw a Graph/chart Editing and Printing 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 print option for printing. • Prepare a presentation on a selected topic and present it.	Presentation Applications Packages, Devices used for Presenting, Importance of Presentation Application, Principles for Designing Presentations, Terminologies in Presentation Application (eg, Slide Layout, Slide transitions, Slide show, etc.), Identification of Commonly Used Features of Presentation Application Window: Toolbars, Different presentation view modes Prepare a Presentation: Adding elements and formatting slides, slide Show, slide transition, animation Effects Selection of Print Option: Entire presentation, Specific slides, Handouts, Notes pages, outline view of slides, and Number of copies	Classroom Lectures, Lab and Hands-on Practice

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 Resource Locators (URLs) to access Information. Use search engines to access information • Upload files to virtual drives and work on it.	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, 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	Classroom Lectures, Lab and Hands-on Practice

		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.	
Unit8: 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 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.	Introduction to Data Analytics: What is Data? Types of Data, Basic Steps in Data Analytics, Simple Tools; Artificial Intelligence (AI): Making Machines Capable of Performing Tasks that Require Human-Like Thinking. Common Examples: Voice Assistants, Facial Recognition, GPS Route Suggestions, Chatbots.; AI Capabilities: Understanding Language, Recognizing Patterns, Making Decisions; Machine Learning (ML): Define Machine Learning (ML), How It Works, Classification and Examples; Relationship Between Data Analytics, AI, and ML Benefits & Challenges of Data Analytics, AI, and ML. Future Trends & Career Paths	Classroom Lectures, Lab and Hands-on Practice

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	Credits: 1	**Class Hours: 15**
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 e-mail
CLO 5	Installation of anti-virus software
CLO 6	Data collection, Prediction using AI, ML, Data Analytics

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, border, watermark, etc.), e.g., newspaper article,	Lab and Hands-on Practice

		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, Zoom	Lab and Hands-on Practice
CLO6	8	• Data Collection and Visualization • Simple Prediction Using Trendlines	Lab and Hands-on Practice

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.