

Choice Based Credit System & Outcome Based Education Syllabus

Batch 2026 - 29

Programme: B.Com. Information Technology

Programme Code: BCI

Semester 1



KG COLLEGE OF ARTS AND SCIENCE
 Autonomous Institution | Affiliated to Bharathiar University
 Accredited with A++ Grade by NAAC
 ISO 9001:2015 Certified Institution
 KGiSL Campus, Saravanampatti, Coimbatore – 641 035

Regulations 2026 -29 for Undergraduate Programme

Learning Outcomes based Curriculum Framework -(LOCF) model with
 Choice Based Credit System (CBCS)

Programme: B.Com. Information Technology (B.Com. IT)

Programme Code: BCI

(Applicable for the Students Admitted During the Academic Year 2026 - 27 onwards)

Eligibility

The student should have passed the Higher Secondary Examination. (As per the eligibility condition given by Bharathiar University Ref. BU/R/B3-B4/Eligibility Condition/2026/7425 dated 15/05/2026).

Program Learning Outcomes (PLOs)

The successful completion of the B.Com. Information Technology programme shall enable the students to:

PLO1	Disciplinary knowledge: Capable of demonstrating comprehensive knowledge and understanding of one or more Disciplines that form a part of an Undergraduate Programme of Study.
PLO2	Problem Solving: Apply theoretical concepts to business practices to produce employable, ethical, and innovative professionals to sustain in the dynamic business world.
PLO3	Communication Skills: Ability to express thoughts and ideas effectively and communicate with others using appropriate media, demonstrate the ability to listen carefully, read and write analytically and present complex information in a clear and concise manner to different groups.
PLO4	Information/Digital Literacy: Capability to use ICT in variety of learning situations, demonstrate ability to access, evaluate and use a variety of relevant information sources and use appropriate software for analysis of data.
PLO5	Life Long Learning: Ability to acquire knowledge and skills, that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning towards personal development and demands of workplace through skilling and reskilling.

B.Com. Information Technology
Distribution of Credits and Hours for all the Semesters

Part	Course Category	No. of Courses	Hours		Credits		Total credits	Semester
I	Language I	4	4 X 4	16	4 X 3	12	12	1 - 4
II	Language II	4	4 X 4	16	4 X 3	12	12	1 - 4
III	Core Theory (6 Hours/Week)	10	10 X 6	60	10 X 4	40	100	1 - 6
	Core Theory (5 Hours/Week)	1	1 X 5	05	1 X 4	04		5
	Core Theory (4 Hours/Week)	3	3 X 4	12	3 X 3	09		1,4,5
	Core Lab (4 Hours/Week)	2	2 X 4	08	2 X 2	04		2, 4,5
	Core Lab (4 Hours/Week)	4	4 X 4	16	4 X 3	12		1 - 4
	Allied	4	4 X 4	16	4 X 3	12		1 - 4
	Electives	2	2 X 5	10	2 X 3	06		5 , 6
	Project	1	1 X 5	05	1 X 5	05		6
	Internship (IT)	1	-	-	1 X 2	02		5
	Skill Enhancement (SEC)	3	3 X 2	06	3 X 2	06		3, 4, 6
IV	Foundation Course (FC)	2	2 X 2	04	2 X 2	04	14	1,2
	Foundation Course (FC)	1	-	-	1 X 2	2		3
V	Ability Enhancement Compulsory Course	3	3 X 2	6	3 X 2	6		1, 2, 4
	Ability Enhancement Compulsory Course (AECC) - Online course	1	-	-	1 X 2	2		3
	Liberal Arts - (Extra-curricular and Co-curricular)		-	-	2	2	2	4
Total		46		180		140	140	

Consolidated Semester wise and Component wise
Hours and Credits Distribution

Semester	Part I		Part II		Part III		Part IV		Part V		Total	
	Hours	Credits	Hours	Credits	Hours	Credits	Hours	Credits	Hours	Credits	Hours	Credits
1	4	3	4	3	18	13	4	4	-	-	30	23
2	4	3	4	3	18	12	4	4	-	-	30	22
3	4	3	4	3	22	16	-	4	-	-	30	26
4	4	3	4	3	20	15	2	2	-	2	30	25
5	-	-	-	-	30	23	-	-	-	-	30	22
6	-	-	-	-	30	22	-	-	-	-	30	22
Total	16	12	16	12	138	100	10	14	-	2	180	140

Curriculum
B.Com. Information Technology

Semester - 1									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in Hours	Maximum Marks			
						CIA	ESE	Total	
26TAM11L	I	Language - I	Tamil - I	4	3	25	75	100	3
26HIN11L			Hindi - I						
26MAL11L			Malayalam- I						
26FRE11L			French - I						
26ENG12L	II	Language - II	English - I	4	3	25	75	100	3
26BCI13C	III	Core - I	Financial Accounting-I	6	3	25	75	100	4
26BCI14C	III	Core - II	Business Organization and Management	4	3	25	75	100	3
26BCI15P	III	Core Lab - I	Financial Modeling in Excel Lab	4	3	40	60	100	3
26BCI16A	III	Allied - I	Computer Fundamentals and Information Systems	4	3	25	75	100	3
26ENV1FC	IV	FC - I	Environmental Studies	2	2	50	-	50	2
26SOF1AE	IV	AECC - I	Soft Skills	2	2	-	50	50	2
Total				30				700	23

Semester - 2									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in Hours	Maximum Marks			
						CIA	ESE	Total	
	I	Language - I	Tamil - II	4	3	25	75	100	3
			Hindi - II						
			Malayalam - II						
			French - II						
	II	Language - II	English - II	4	3	25	75	100	3
	III	Core - III	Financial Accounting - II	6	3	25	75	100	4
	III	Core Lab - II	Tally with GST lab	4	3	40	60	100	2
	III	Core Lab -III	Fintech & Digital Finance Innovation Lab	4	3	40	60	100	3
	III	Allied - II	Business Law	4	3	25	75	100	3
	IV	FC - II	Human Rights / Disaster Management	2	2	50	-	50	2
	IV	AECC - II	Innovation & Design Thinking/ Intellectual Property Rights / Entrepreneurship Development	2	2	-	50	50	2
Total				30				700	22

Semester - 3									
Course Code	Part	Course Category	Course Name	Hours/ week	Examination				Credits
					Duration in hours	Maximum Marks			
CIA	ESE	Total							
	I	Language - I	Tamil- III	4	3	25	75	100	3
			Hindi - III						
			Malayalam - III						
			French - III						
	II	Language - II	English - III	4	3	25	75	100	3
	III	Core - IV	Corporate Accounting - I	6	3	25	75	100	4
	III	Core - V	Company Law and Secretarial Practice	6	3	25	75	100	4
	III	Core Lab - IV	Data Analytics for Finance Lab	4	3	40	60	100	3
	III	Allied - III	Database Management System	4	3	25	75	100	3
	III	SEC Lab - I	Oracle Lab	2	3	40	60	100	2
	IV	FC - III	Basic Tamil/ Advanced Tamil	-	2	50	-	50	2
			Indian Knowledge Systems (IKS)*						
	IV	AECC - III	Online Course - MOOC	-	-	50	-	50	2
Total				30				800	26

Semester - 4									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in Hours	Maximum Marks			
						CIA	ESE	Total	
	I	Language -I	Tamil - IV	4	3	25	75	100	3
			Hindi - IV						
			Malayalam - IV						
			French - IV						
	II	Language - II	English - IV	4	3	25	75	100	3
	III	Core - VII	Corporate Accounting- II	6	3	25	75	100	4
	III	Core - VIII	Python Programming with Financial Applications	4	3	25	75	100	3
	III	Core Lab - IV	Advanced Applications of Data Analytics in Fintech Lab	4	3	40	60	100	3
	III	Allied - IV	Business Mathematics and Statistics	4	3	25	75	100	3
	III	SEC Lab - II	Python Programming with Financial Applications Lab	2	3	40	60	100	2
	IV	AECC - IV	Innovation & Design Thinking/	2	2	-	50	50	2
			Intellectual Property Rights/						
			Entrepreneurship Development						
	V	Extra-Curricular & Co-curricular	Liberal Arts	-	-	50	-	50	2
Total				30				800	25

Semester - 5									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in Hours	Max. Marks			
						CIA	ESE	Total	
	III	Core - IX	Cost Accounting	6	3	25	75	100	4
	III	Core - X	Banking Theory Law and Practice	5	3	25	75	100	4
	III	Core - XI	Income Tax Law and Practice	6	3	25	75	100	4
	III	Core - XII	Executive Business Communications	4	3	25	75	100	3
	III	Core Lab - V	Computer Applications Practical: MS Word, MS Excel and Tally 9.2	4	3	40	60	100	2
	III	Elective - I	Software Engineering (Software Project Management)	5	3	25	75	100	3
			Technology Management (Information system)						
			Network Management (Networks)						
	III	SEC	Internship	-	-	50	-	50	2
Total				30				650	22

Semester - 6									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in hours	Maximum Marks			
						CIA	ESE	Total	
	III	Core - XIII	Management Accounting	6	3	25	75	100	4
	III	Core - XIV	Principles of Auditing	6	3	25	75	100	4
	III	Core - XV	Indirect Taxes	5	3	25	75	100	4
	III	Discipline Specific Elective - II	Software Testing (Software Project Management)	5	3	25	75	100	3
			Cyber Security (Networks)						
			Net Digital Banking (Information Systems)						
	III	SEC - IV	Web Technology - Lab	2	3	40	60	100	2
	III	Project	Project	6	3	40	60	100	5
Total				30				600	22
Grand Total				180				4250	140

Semester - 1

Semester - 1									
Course Code	Part	Course Category	Course Name	Hours/ Week	Examination				Credits
					Duration in hours	Maximum Marks			
						CIA	ESE	Total	
26TAM11L	I	Language - I	Tamil - I	4	3	25	75	100	3
26HIN11L			Hindi - I						
26MAL11L			Malayalam- I						
26FRE11L			French - I						
26ENG12L	II	Language - II	English - I	4	3	25	75	100	3
26BCI13C	III	Core - I	Financial Accounting-I	6	3	25	75	100	4
26BCI14C	III	Core - II	Business Organization and Management	4	3	25	75	100	3
26BCI15P	III	Core Lab - I	Financial Modeling in Excel Lab	4	3	40	60	100	3
26BCI16A	III	Allied - I	Computer Fundamentals and Information Systems	4	3	25	75	100	3
26ENV1FC	IV	FC - I	Environmental Studies	2	2	50	-	50	2
26SOF1AE	IV	AECC - I	Soft Skills	2	2	-	50	50	2
Total				30				700	23

Part - I: Language - 1 - Tamil - I

Course Code	Course Name	Category	Hours / Week	Credits
26TAM11L	Tamil - I	Language - I	4	3

Course Objectives

The Course intends to cover

- இலக்கியத்தின் வளர்ச்சி நிலைகளைக் கற்பித்தல்
- மொழியியல் அடிப்படையில் இலக்கணம் கற்பித்தல்
- திறனாய்வு முறையினை ஊக்குவித்தல்
- படைப்பாக்கத் திறன் பயிற்சி அளித்தல்

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	புதுக்கவிதையின் மூலம் வாழ்வியல் விழுமியங்களை உணர்ந்து கொள்வர்.	K1, K2
CLO2	சிறந்த மற்றும் வாழும் கவிஞர்களின் கவிதை வழியாக தர்மம், அன்பு, ஈகை போன்ற மனித மாண்புகளை அறிந்து கொள்வர்.	K2, K3
CLO3	சிறந்த படைப்பாளர்களின் சிறுகதைகள் மற்றும் குறுநாவலில் வெளிப்படும் சமூகச் சிந்தனைகளை அறிந்து ஒழுகுதல்.	K3
CLO4	தற்கால இலக்கியங்களான புதுக்கவிதை, சிறுகதை தோன்றி வளர்ந்த பின்புலத்தை அறிதல்.	K1, K3
CLO5	மொழித்திறனைக் கற்றலின் வாயிலாக நடைமுறை வாழ்வியலுக்குத் தேவையான சிறுகதை மற்றும் புதுக்கவிதைகளைப் படைத்தல்.	K2, K3
K1 - Remember; K2 - Understand; K3 - Apply		

Part - I: Language - I -தமிழ் - I

Unit	Content	No. of Hours
I	நாட்டுப்பற்று 1. பாரதியார் - உலகத்தை நோக்கி வினவுதல் 2. பாரதிதாசன் - தமிழ்ப்பேறு 3. கவிமணி - ஒற்றுமையே உயிர்நிலை 4. தேவதேவன் - சாலையும் மரங்களும் செருப்பும், புதிய வீடு 5. அப்துல் ரகுமான் - போட்டி, பாதை 6. கவிஞர் வாலி - புத்தகச் சந்தை	14
II	சமூகம் 1. ஈரோடு தமிழன்பன் - எட்டாவது சீர்... 2. கவிஞர் தாமரை - தொலைந்து போனேன் 3. நா. காமராசன் - திருநங்கைகள் காகிதப் பூக்கள் 4. வைரமுத்து - மரங்களைப் பாடுவேன் 5. அமுத பாரதி - புள்ளிப் பூக்கள் (ஹைக்கூ) 6. நாட்டுப்புறப் பாடல்கள் (தாலாட்டுப் பாடல், தெம்மாங்கு பாடல், உழவுத்தொழில்)	14
III	வாழ்வியல் சிறுகதை 1. காஞ்சனை - புதுமைப்பித்தன் 2. சோற்றுக் கணக்கு - ஜெயமோகன் 3. மரத்தைக் கர்ப்பம் சுமந்தவள் - ஆண்டாள் பிரியதர்சினி குறுநாவல் • ஆயிஷா - இரா.நடராசன்	12
IV	இலக்கிய வரலாறு 1. மரபுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 2. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 3. ஹைக்கூ கவிதையின் தோற்றமும் வளர்ச்சியும் 4. சிறுகதையின் தோற்றமும் வளர்ச்சியும்	10

Unit	Content	No. of Hours
V	இலக்கணம் மற்றும் படைப்பாற்றல் 1. எழுத்துகள் (முதல் எழுத்துகள், சார்பெழுத்துகள்) 2. எழுத்துக்களின் பிறப்பு 3. மாத்திரைகள் படைப்பாற்றல் திறன்(சிறுகதை மற்றும் புதுக்கவிதைப் படைத்தல்)	10
Total Hours		60

Reference Books

1	பேரா. குருசாமி, ம.ரா.போ. (2014), பாரதி பாடல்கள், ஆய்வுப் பாதிப்பு, தமிழ்ப் பல்கலைக் கழகம், தஞ்சாவூர்.
2	அப்துல் ரகுமான்,(2000), ஆலாபனை, கவிக்கோ பதிப்பகம்.
3	தாமரை, (1995), ஒரு கதவும் கொஞ்சம் கள்ளிப்பாலும் கவிதை தொகுப்பு, காந்தளகம் பதிப்பகம், சென்னை.
4	வரதராசனார் மு, (2021), தமிழ் இலக்கிய வரலாறு, சாகித்ய அகாடமி பதிப்பு.
5	முனைவர் பஞ்சாங்கம் கா, (2017), தமிழ் இலக்கிய வரலாறு, காவ்யா பதிப்பகம்.
6	முனைவர் வேங்கடராமன் கா. கோ (2008), தமிழ் இலக்கிய வரலாறு, கலையக வெளியீடு.
7	ஜெயமோகன், (2024), அறம் (சிறுகதை), விஷ்ணுபுரம் பதிப்பகம்.
8	இரா.நடராசன், (2022) ஆயிஷா, பாரதி புத்தகாலயம்.
9	குமரன் கோ (2010), தமிழ் இலக்கணம் எளிய அறிமுகம் , சந்தியா பதிப்பகம்.
10	சக்திவேல் சு,(2012), நாட்டுப்புறவியல், மணிவாசகர் பதிப்பகம்.

Part - I: Language I - Hindi - I

Course Code	Course Name	Category	Hours/Week	Credits
26HIN11L	Hindi - I	Language - I	4	3

Course Objectives

The Course intends to cover

- Improve grammatical knowledge
- Continue to read and learn about articles and think about them
- Read and understand short stories and understand the thoughts and life of the people of this country
- Provide translation knowledge and the ability to read and analyse a message are also gained

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Understand the text styles and grammatical elements.	K1
CLO2	Discuss the content of a reading passage.	K2
CLO3	Develop an interest in the appreciation of short stories.	K2, K3
CLO4	Comprehend the grammatical structures and sentence making.	K3
CLO5	Understand the language and developing English to Hindi translation skill.	K4
K1 - Remember; K2 - Understand; K3 - Apply; K4-Analyse		

Part - I: Language - I - Hindi - I

Unit	Content	No. of Hours
I	Prose: Bharthi Gadya Sangrah 1.Sanskurthi hai kya? (Lalith nibandh)- Ramdhari singh Dinkar 2. Voh cheeni Bhayi (Rekha chitra) - Mahadevi varma 3. Badthe shor ka gahratha sankat (pradoshan) - Rajendrakumr ray & Ravindra Varma 4. Ghar Loutthe huye - (Athma katha) - Harivamshraai Bacchan 5. Paramanu urja evam khadya padarth samrakshan (vaigyanik lek) - Parmaanu urja vibhag (Bharth sarkar) 6. Cinema (film) - Manmohan Chdda	14
II	Non - Detailed Text Short Stories: Aat Kahaniyan 1. Vrat-bang - Jayashankar Prasad 2. Sath gathi - Premchand 3. parda - Yespal 4. Apna apna bhagya - Jaynendrakumar 5. Bhrammarakshas ka shishya - Mukthibhodh 6. Dana-bhusa - Markandeya	14
III	Grammar: Shabdha Vichar only (Noun, Pronoun, Adjective, Verb, Tense, Case Endings) Theoretical & applied.	12
IV	Translation: English - Hindi only Anuvadh Abhyas - III (1-15 Lessons only)	10
V	Comprehension: 1 Passage from Anuvadh Abhyas-III (16-30)	10
Total Hours		60
Text Books		
1	Bharathi gadya sangrah, editor: Madhudhavan, publisher: Vani prakashan, 4697/5,Daryaganch, New Delhi - 110002.	
2	Aatt Kahaniyan, Editor : Dr. H.R. Mihir, Publisher : Jaya bharthi prakashan, 267 B, Maya press Road, Allahabad-211 003	
Reference Book		
1	Naveenhindivakaran, 2002, Dakshin Bharat Hindi Prachar Sabha, Chennai-600017	

Part - I: Language - I - Malayalam - I

Course Code	Course Name	Category	Hours / Week	Credits
26MAL11L	Malayalam - I	Language - I	4	3

Course Objectives

The Course intends to cover

- Improve grammatical knowledge
- Read and learn about articles and think about them
- Read and understand short stories and understand the thoughts and life of the people of this state
- Provide translation knowledge and the ability to read and analyse a message

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Understand the text styles and grammatical elements	K1
CLO2	Discuss the content of a reading passage	K1
CLO3	Develop an interest in the appreciation of short stories	K2
CLO4	Comprehend the grammatical structures and sentence making	K3
CLO5	Understand the language and developing English to Malayalam translation skill	K4
K1 - Remember; K2 - Understand; K3 - Apply; K4-Analyse.		

Part - I: Language - I - Malayalam - I

Unit	Content	No. of Hours
I	Novel - Njanabharam - E. Santhoshkumar	14
II	Novel - Njanabharam - E. Santhoshkumar	14
III	Short Story - Ente Priyapetta Kadhakal -Sara Joseph	12
IV	Short Story - Ente Priyapetta Kadhakal - Sara Joseph	10
V	Composition & Translation (English to Malayalam)	10
	Total Hours	60

Text Books

1	Novel -Njanabharam E, (2018), Santhoshkumar, Mathrubhumi Books, Kochi, Kerala.
2	Short Story-Ente Priyappeta Kadhakal, Sara Joseph, (2005) D.C.Books,Kottayam, Kerala.
3	Expansion of ideas, General Essay and Translation. (A Simple passage).

Reference Books

1	Malayala Novel SahithyaCharitram-K.M.Tharakan (2018), (N.B.S.Kottayam)
2	Cherukatha Innale Innu-M.Achuyuthan (2020), (D.C Books, Kottayam)
3	Sahithya Charitram Prasthanangalilude- Dr.K.M George, (2017), (D.C.Books Kottayam)
4	Malayala Sahithyavimarsam- Sukumar Azheekode (2022), (D.C.books)

Part - I: Language I - French - I

Course Code	Course Name	Category	Hours / Week	Credits
26FRE11L	French - I	Language - I	4	3

Course Objectives

The Course intends to cover

- Familiar everyday expressions and basic phrases aimed at the satisfaction of concrete needs.
- Key aspects and recognize of Francophone cultures such as greetings, etiquette, daily life, and basic geography of French-speaking countries.
- Short, simple texts such as postcards, emails, or short descriptions about themselves and their immediate environment.
- Construction of simple sentences using correct word order and basic vocabulary.
- The developing of sensitivity to cross-cultural differences in communication and social practices.
- The reading and understanding of short, simple texts such as personal messages, advertisements, menus, and schedules.

Course Learning Outcomes

On the successful completion of the course, student will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Improve all the four French language skills (speaking, listening, reading, and writing) (Effective communicators).	K1
CLO2	Comprehend French and other Francophone nations' cultures and civilizations.	K2
CLO3	Comprehend the fundamentals of language structure, vocabulary, grammar, and phonetics (language skill).	K3
CLO4	The French DELF-A1 Certification is appreciated.	K4
K1 - Remember; K2 - Understand; K3 - Apply; K4-Analyse		

Part - I: Language - I French - I

Unit	Content	No. of Hours
I	Grammaire: pg(122-124) Bienvenue (pg 10-17)	14
II	Contacts(pg 18-28) Grammaire: pg(125-128)	14
III	Communication pg(29-33) Grammaire: pg(129-130)	12
IV	Qu'est-ce qu'il font pg(34-44) Grammaire: pg(131-136)	10
V	Communication pg(45-49) Grammaire: pg(137-139)	10
Semester I Portions from Textbook « Nouvelle Génération A1» :UNITÉ 1, UNITÉ 2(Pg 10-49). Cahier d'exercices (Pg122-139)		
Total Hours		60
Reference Books		
1	Luca Giachino, Carla Baracco, Romain Chrétien(DELF), (2022) Nouvelle Génération A1, Didier FLE.	
2	Nathalie Hirschsprung, Tony Tricot, 2017, Cosmopolite, Hachette.	

Part - II: Language - II - English - I

Course Code	Course Name	Category	Hours / Week	Credits
26ENG12L	English-I	Language - II	4	3

Course Objectives

The course intends to cover

- Textual analysis of poetry and short stories that explore themes of nature and morality.
- Vocabulary through contextual guessing, lexical relations and diverse word formation processes.
- Usage of Grammar and Communication

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Identify and interpret poetic elements in nature poetry to nurture aesthetic sensibility, creativity, and cultural awareness.	K1, K2
CLO2	Apply characterization and narrative techniques to appreciate literary qualities in short stories and to comprehend ethical responsibility through textual analysis.	K2,K3
CLO3	Employ grammatical proficiency in nouns, pronouns, and verbs to enhance clarity and correctness in academic and workplace communication.	K3, K4
CLO4	Apply vocabulary strategies to enhance clarity in diverse communicative situations.	K3
CLO5	Demonstrate effective communication skills that support professional growth and lifelong learning.	K3
K1 - Remember; K2 - Understand; K3 - Apply; K4-Analyse		

Part - II: Language - II - English - I

Unit	Content	No. of Hours
I	Poetry: Nature 1. I Wandered Lonely as a Cloud - William Wordsworth 2. The Bird Sanctuary - Sarojini Naidu 3. Stopping by Woods on a Snowy Evening - Robert Frost	12
II	Short Stories: Morality 1. The Necklace - Guy de Maupassant 2. The Taxi Driver - K.S. Duggal 3. The Monkey’s Paw - W. W. Jacobs	12
III	Grammar 1. Nouns: Types, Singular vs. Plural forms, Case and Gender, Common errors with nouns 2. Pronouns: Types, Personal, Possessive, Reflexive, Intensive (Emphatic), Demonstrative, Relative, Interrogative, Indefinite, and Reciprocal pronouns, Common errors with pronouns 3. Verbs: Action verbs and linking verbs, Transitive and intransitive verbs, Auxiliary verbs and Modal verbs, Verb tenses, Common errors with verbs	12
IV	Language Competency: Vocabulary 1. Vocabulary: Synonyms, Antonyms, Guessing meaning from context, 2. Word Formation: Homonyms, Homophones, Homographs, Portmanteau words, Collocations, Compounding Words, Root Words, Prefixes and Suffixes, Clipping, Acronym, Abbreviations, Reduplication	12
V	English for Communication 1. Listening for General and Specific Information. 2. Self - Introduction, Introducing others, Greetings. 3. Intensive Reading - a prose passage, a poem and a short story 4. Descriptive writing - writing descriptive essays in two to three paragraphs.	12
Total Hours		60
Reference Books		
1.	Carter, R., McCarthy, M., Mark, G., & O’Keeffe, A. (2016), English Grammar Today Cambridge University Press.	
2.	Swan, M. (2021). Practical English Usage (4 th ed.). Oxford University Press.	
3.	McCarthy, M., & O’Dell, F., (2017), English Vocabulary in Use: Advanced (3 rd ed.) Cambridge University Press.	
4.	Ramazani, J., Ellmann, R., & O’Clair, R. (Eds.), (2003), The Norton Anthology of Modern and Contemporary Poetry (Vols. 1-2), W. W. Norton & Company.	
5.	Wren, P. C., & Martin, H. (2015), High School English Grammar and Composition (50 th ed.) S. Chand & Company.	
6.	Jones, L. (2015), Cambridge English for Life Skills, Cambridge University Press.	
Web Resources (Swayam/NPTEL)		
1.	https://nptel.ac.in/courses/109105205	

Course Code	Course Name	Category	Hours / Week	Credits
26BCI13C	Financial Accounting - I	Core - I	6	4

Course Objectives

This course intends to cover

- Basic Principles of Accountancy.
- Preparation and Presentation of the Final Accounts of a sole trader.
- Accounting treatment of Bills of Exchange and Accounting for Professionals.
- Various methods of calculating Profit under a Single Entry System.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Remember accounting Concepts and Conventions and apply the rules for recording business transactions	K1
CLO2	Construct the final accounts of a sole trader, identify accounting errors.	K3
CLO3	Understand the concepts of bills of exchange, Average due date, and account current.	K2
CLO4	Analyse the bank reconciliation statement and prepare necessary records for Non - Profit organizations.	K4
CLO5	Interpret financial statements prepared from incomplete records.	K2
K1- Remember; K2- Understand; K3- Apply; K4 - Analyse.		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	3	3	3
CLO2	3	3	3	3	2
CLO3	3	2	2	3	2
CLO4	3	3	3	3	2
CLO5	3	3	2	2	1
3-Substantial(high)	2-Moderate (medium)		1-Slight (low)		

Core - I: Financial Accounting - I

Unit	Content	No. of Hours
I	Fundamentals of Book Keeping: Introduction - Book Keeping - Accounting - Definition - Accounting Concepts and Conventions. Accounting Terms: Double Entry System - Accounting Equation - Journal - Ledger - Subsidiary books - Trial balance.	18
II	Final Accounts of a Sole Trader: Concept - Trading Account, Profit and Loss Account and Balance Sheet. Adjustments: Closing Stock - Outstanding Expenses - Accrued Income - Income Received in Advance- Bad debts - Bad debts provisions. Rectification of Errors: Meaning - Types of Errors.	18
III	Bills of Exchange: Definition - Specimens - Discounting of Bills - Endorsement of Bill - Collection - Noting - Renewal - Retirement of Bill under Rebate - Insolvency of Acceptor - Accommodation Bills. Average Due Date and Account Current: Meaning - Methods.	18
IV	Bank Reconciliation Statement: Meaning, Objectives, Advantages and disadvantages- Preparation of BRS. Non-Profit Organization: Receipts and Payments, Income and Expenditure account and Balance sheet.	18
V	Accounting from Incomplete Records: Meaning, Features and Limitations - Difference between Incomplete Records and Double Entry System. Methods of Calculation of Profit: Statement of Affairs Method - Conversion Method.	18
Total Hours		90
Theory 20% & Problems 80%		
Text Books		
1.	Jain.S.P., and Narang.K.L., (2024), Financial Accounting, Kalyani Publishers, Bengaluru.	
2.	Reddy.T.S and Murthy.A, (2024), Financial Accounting, (7th ed.), Margham Publications, Chennai.	
3.	Radhaswamy L and Gupta.R.L., (2023), Advanced Accounting, Sultan Chand & Sons Publications, New Delhi.	
Reference Books		
1.	Gupta.R.L & Gupta V.K, (2025), Financial Accounting, Sultan Chand & Sons Publications, New Delhi.	
2.	Maheshwari. S. N., (2024), Financial Accounting, Vikas Publications, Noida.	
3.	Goyal & Tiwari., (2025), Financial Accounting, Taxmann Publications, New Delhi.	
Web Resources (Swayam/NPTEL)		
1.	https://onlinecourses.swayam2.ac.in/e-learning/preview/nou26_cm01	
2.	https://onlinecourses.swayam2.ac.in/e-learning/preview/cec26_cm02	
3.	https://onlinecourses.nptel.ac.in/noc25_mg20/preview	

Course Code	Course Name	Category	Hours / Week	Credits
26BCI14C	Business Organization and Management	Core - II	4	3

Course Objectives

This course intends to cover

- Fundamentals of business, forms of organization and factors affecting business operations.
- Key management principles, functions, planning, organizing, staffing and control.
- Motivation, leadership, organizational structure, delegation and decision-making processes.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Understand the basics of business including forms, goals and location determinants.	K1 - K2
CLO2	Understand factors affecting business location, firm size and role of trade associations.	K2
CLO3	Describe management principles, theorists' contributions and types of planning.	K2
CLO4	Apply organizational principles, delegation, authority and staffing in practice.	K3
CLO5	Apply motivation theories, leadership styles and principles of management control.	K3
K1 - Remember; K2 - Understand; K3 - Apply		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	3	3	3	3	3
CLO2	3	3	3	2	2
CLO3	3	3	3	3	2
CLO4	3	3	3	2	2
CLO5	3	3	2	2	1
3-Substantial(high)	2-Moderate (medium)		1-Slight (low)		

Core - II: Business Organization and Management

Unit	Content	No. of Hours
I	Business Organization: Nature and Scope of Business - Meaning, Characteristics, Scope, Objectives of Business. Forms of Business Organization: Sole Trader, Partnership, Joint Hindu Family Firm, Joint Stock Companies, Co-operative Societies, Public Enterprises.	12
II	Business Location and Industry Structure: Meaning, Importance, Factors influencing location of business. Localization of industries: Meaning, Advantages and disadvantages. Size of Firms - Factors determining size. Trade Associations: Meaning and Functions. Chamber of Commerce: Meaning and Functions.	12
III	Nature and Scope of Management: Meaning, Definition, Features, Objectives, Nature, Importance and Functions of Management - Management Vs Administration. Contributions to Management: F.W.Taylor - Henry Fayol - Mary Parker Follet - Douglas Mc Gregor and Peter F Drucker. Planning: Meaning, Nature and Importance, Planning premises and Types of plans.	12
IV	Organization: Meaning, Nature and Importance - Process of Organization - Principles of Sound Organization - Organization Structure - Span of Control - Organization Chart - Departmentation, Span of Management - Delegation and Decentralization- Authority and Responsibility - Staffing. AI in Modern Business Organizations and Management.	12
V	Motivation, Leadership and Control: Motivation: Meaning, Need for motivation - Determinants of behaviour - Maslow's theory of Motivation - Theories of Motivation: X, Y & Z theories. Leadership: Meaning, Importance, Functions and Indian Leadership Styles & Values. Control: Meaning, Nature and Importance.	12
Total Hours		60
Text Books		
1.	Bhushan. Y.K, (2021), Fundamentals of Business Organization and Management, Sultan chand & sons, New Delhi.	
2.	Shukla, M.C.,(2010), Business Organisation and Management, Sultan Chand & Sons, New Delhi.	
3.	Gupta C B, (2022), Business Organization and Management, Mayur Publishers, Chennai.	
Reference Books		
1.	Singh B P and Chhabra T N, (2021), Business Organization and Management, Dhanpat Raj & Co., New Delhi.	
2.	Saxena S C, (2018), Business Organization and Communication, Sahitya Bhawan Publications, New Delhi.	
Web Resources (Swayam/NPTEL)		
1.	https://onlinecourses.swayam2.ac.in/e-learning/preview/cec22_mg07	
2.	https://onlinecourses.swayam2.ac.in/e-learning/preview/nou21_mg03	
3.	https://online-degree.swayam2.ac.in/mri23_01_d06_s1_cc01/preview	

Course Code	Course Name	Category	Hours / Week	Credits
26BCI15P	Financial Modeling in Excel Lab	Core Lab - I	4	3

Core Lab - I: Financial Modeling in Excel Lab

Ex. No.	List of Exercise	No. of Hours
1	Calculate total sales for a week using SUM, average daily sales using AVERAGE, and highest sales using MAX. Use formulas to calculate simple arithmetic operations.	5
2	To create a sales performance Chart. Use different types of charts (column, line and pie charts) to represent data visually. Customize Chart elements like titles, legends and data labels. Create advanced chart types like combo charts and use Sparkline's for data visualization.	5
3	To use VLOOKUP and HLOOKUP and Index formulas to find the price of different products in a table.	5
4	To create budget spread sheet by using Relative, Absolute and Dynamic Cell Reference.	5
5	To calculate key valuation ratios (P/E and P/BV) of a company in Excel and analyze its investment attractiveness.	5
6	To create a dynamic and flexible lookup solution using the INDEX and MATCH functions in Excel to efficiently retrieve financial data from a dataset.	5
7	To create tables containing dates and use date function in order processing	5
8	To calculate and analyze the Working Capital position of a financial company using MS Excel.	5
9	To prepare a simple Three-Statement Financial Model in MS Excel by creating: - Income Statement - Balance Sheet - Cash Flow Statement and linking those using formulas.	5
10	To navigate to the Power Query Editor and become familiar with its interface components such as the Ribbon , Query Pane , and Data Preview Area while working with financial company data.	5
11	To calculate financial Function (PV, FV, NPV, IRR) and Financial Models (depreciation schedules and perform sensitivity analysis using Goal Seek and Data Tables).	5
12	Build a basic financial model in Excel: define assumptions, inputs, and outputs. Perform scenario analysis and sensitivity testing. Include exercises on creating dynamic models with linked inputs and automated summary reports.	5
Total Hours		60

Text Books

1.	Paul McFedries, Greg Harvey, (2021), Excel 2021 All-in-One for Dummies, Wiley Publishers.
2.	Alexander, M., Walkenbach, J., Kusleika, D., & Cox, C. (2018), Microsoft Excel 2019 Bible, Wiley Publishers, Noida.
3.	Day, A. (2012), Mastering Financial Modelling in Microsoft Excel: A Practitioner's Guide to Applied Corporate Finance, (3 rd ed.). FT Press United States.

Reference Books

1.	Winston, W. L. (2019), Microsoft Excel Data Analysis and Business Modelling, (6 th ed.). Microsoft Press, United States.
2.	Mayes, T. R., & Shank, T. M. (2020), Financial Analysis with Microsoft Excel, (9 th ed.). Cengage Learning, Noida.

Web Resources (Swayam/NPTEL)

1.	https://onlinecourses.nptel.ac.in/noc22_mg35/preview
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Course Code	Course Name	Category	Hours/ Week	Credits
26BCI16A	Computer Fundamentals and Information Systems	Allied - I	4	3

Course Objectives

This course intends to cover

- Basic concepts of computer and programming languages.
- Processor architecture, memory and relationship between hardware vs software.
- Data communication, network concepts, internet and multimedia applications.
- Components of information systems and AI technologies in Business.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Understand the fundamental concept of computer.	K1-K2
CLO2	Understand the architecture and function of the processor, memory organization and software.	K2
CLO3	Analyse the principles of data communication and networks.	K4
CLO4	Apply the working of internet and multimedia applications.	K3
CLO5	Understand the information systems in real world business environments.	K2
K1 - Remember; K2 - Understand; K3- Apply; K4 - Analyze		

CLO - PLO Mapping

CLOs/PLOs	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	2	2	2	2	3
CLO2	3	3	3	3	3
CLO3	2	3	2	2	2
CLO4	2	2	2	2	2
CLO5	3	3	2	2	3
3 - Substantial (high)		2 - Moderate (medium)		1 - Slight (low)	

Allied - I: Computer Fundamentals and Information Systems

Unit	Content	No. of Hours
I	Introduction to Computer: Definition - Characteristics - Evolution - Generations of Computers - Classification of Computers (Analog, Digital, Hybrid) - Basic Anatomy of Computers - Computer Languages.	12
II	Processor: Definition - Architecture - Part of the Processor - Types of the Processor Memory: Characteristics of Memory- Memory Organization -Types of Memory (Primary, Secondary, Cache). Storage Devices (HDD, SSD, Optical, USB)- between Memory Vs Storage. Software: Definition and Importance, Types of Software (System, Application, Utility), Hardware vs Software.	12
III	Data Communication and Networks: Elements - Data Transmission modes - Data Transmission Media - Data Transmission Services - Types of Networks (LAN, MAN, WAN). Network Topologies (Bus, Star, Ring, Mesh), Network Layers (OSI Model, TCP/IP Model), Network Devices (Modem, Router, Switch, Hub).	12
IV	Internet: Definition - History - Web Services -Web Browser - Web Server - Search Engine. Multimedia: Definition and Characteristics- Components of Multimedia (Text, Image, Audio, Video, Animation, Graphics), Multimedia Applications.	10
V	Information Systems in Organizations: Definition - Function of Information System - Levels in a firm - Business information value chain - Contemporary approach to information systems. Types of Information Systems: Transaction Processing System (TPS) - Management Information System (MIS) - Decision Support System (DSS) - Executive support system (ESS) - Enterprise Applications: Enterprise Resource Planning (ERP), Customer Relationship Management (CRM), Supply Chain Management (SCM), Knowledge Management Systems (KMS). AI Technologies: Expert System (ES) - Machine learning - Neural Network - Deep Learning - Natural Language Processing (NLP), Computer Vision - Challenges and Ethical Issues in AI.	14
Total Hours		60
Text Books		
1.	Pradeep K Sinha, Priti Sinha(2021). Computer Fundamentals Concepts, Systems & Applications. (8 th ed). BPB Publications.	
2.	Kenneth C.Laudon, Jane P .Laudon.(2024).Management Information Systems Managing the Digital Firm(6 th ed).Pearson Publications.	
3.	Rajaraman.V, & Adabala.N (2025). Fundamental of Computers.(7 th ed). PHI Learning.	
4.	Campeasat O, (2020). Artificial Intelligence Machine Learning and Deep Learning. David Pallai Publisher.	
Reference Books		
1.	Sanjay Saxena. (2021). Information Technology. Vikas Publications Pvt. Ltd.	
2.	Stuart J. Russell and Peter Norvig, (2022). Artificial Intelligence A Modern Approach. (4 th ed) Pearson Education Publication.	
Web Resources (Swayam / NPTEL)		
1.	https://onlinecourses.swayam2.ac.in/e-learning/preview/cec23_cs05	
2.	https://onlinecourses.swayam2.ac.in/e-learning/preview/ini26_cs02	

Part - IV: Foundation Course

Course Code	Course Name	Category	Hours / Week	Credits
26ENV1FC	Environmental Studies	FC- I	2	2

Unit	Content
I	The Multidisciplinary nature of environmental studies Definition; Scope and importance, Need for public awareness.
II	Natural Resources: Renewable and non-renewable resources: Natural resources and associated problems. - Forest resources: Use and Over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people. - Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams benefits and problems. - Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies. - Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies. - Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, Case studies. - Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles.
III	Ecosystems - Concept of an ecosystem. - Structure and function of an ecosystem. - Producers, consumers and decomposers. - Energy flow in the ecosystem. - Ecological succession. - Food chains, food webs and ecological pyramids. - Introduction, types, characteristic features, structure and function of the following ecosystem: - a. Forest ecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).

Unit	Content
IV	Biodiversity and its Conservation - Introduction-Definition: genetic, species and ecosystem diversity. - Bio geographical classification of India. - Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values. - Biodiversity at global, National and local levels. - India as a mega-diversity nation. - Hot-spots of biodiversity. - Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts. - Endangered and endemic species of India. - Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.
V	Environmental Pollution Definition - Causes, effects and control measures of: - a. Air pollution b. Water pollution c. Soil pollution d. Marine pollution e. Noise pollution f. Thermal pollution g. Nuclear hazards - Solid waste Management: Causes, effects and control measures of urban and industrial wastes. - Role of an individual in prevention of pollution. - Pollution case studies. - Disaster management: floods, earthquake, cyclone and landslides.
VI	Social Issues and the Environment - From Unsustainable to Sustainable development. - Urban problems related to energy. - Water conservation, rain water harvesting, watershed management. - Resettlement and rehabilitation of people; its problems and concerns. Case studies. - Environmental ethics: Issues and possible solutions. - Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies. - Wasteland reclamation. - Consumerism and waste products. - Environment Protection Act. - Air (Prevention and Control of Pollution) Act. - Water (Prevention and Control of Pollution) Act. - Wildlife Protection Act. - Forest Conservation Act. - Issues involved in enforcement of environmental legislation. - Public awareness.

Unit	Content	
VII	Human Population and the Environment - Population growth, variation among nations. - Population explosion-Family welfare Programme. - Environment and human health. - Human Rights. - Value Education. - HIV/AIDS. - Women and Child Welfare. - Role of information Technology in Environment and human health. - Case Studies. Biosafety and Biosecurity The basic principles of biosafety. - Biological hazards and assess risk in laboratory settings. - Biosafety protocols to minimize risks associated with biological agents. - Role of biosafety in the protection of public health, environment, and national security. The theoretical knowledge as well as practical applications to prepare learners for real-world biosafety challenges. 1. Introduction to Biosafety - Definition and importance of biosafety. - Historical perspective on biosafety incidents. - Biosafety vs. biosecurity: Key differences. 2. Biological Hazards and Risk Assessment - Classification of biological agents (e.g., bacteria, viruses, fungi, parasites). - Risk assessment methodology: Identifying hazards, evaluating risks, and control measures. 3. Biological Waste Management - Types of biological waste: Solid, liquid, sharps, etc. - Waste disposal techniques: Autoclaving, incineration, chemical disinfection. - Environmental impact and regulations surrounding waste management. 4. Standard Operating Procedures (SOPs) and Safety Practices - Developing and implementing SOPs for laboratory safety. - Practices for handling, storing, and disposing of biological materials.	
	VIII	Field Work (Practical). - Visit to a local area to document environmental assets-river/forest/grassland/hill/mountain. - Visit to a local polluted site-Urban/Rural/Industrial/Agricultural. - Study of common plants, insects, birds. - Study of simple ecosystems-pond, river, hill slopes, etc.
Total Hours		30
Reference Resources		
1.	https://www.ugc.gov.in/oldpdf/modelcurriculum/env.pdf	
2.	Biosafety in Microbiological and Biomedical Laboratories (CDC, NIH). (BMBL) 6 th Edition	
3.	Sateesh, M. K. (2010). Bioethics and Biosafety. New Delhi: I. K. International Pvt Ltd.	
4.	Additional Readings:Relevant journal articles, government publications, and guidelines (e.g., WHO, CDC, European Union, etc.). https://www.iberdrola.com/innovation/what-is-biosafety	

Part - IV: Ability Enhancement Compulsory Course (AECC)

Course Code	Course Name	Category	Hours / Week	Credits
26SOF1AE	Soft Skills	AECC - I	2	2

Course Objectives

The course intends to cover

- The essential soft skills that is crucial for success in today's dynamic and interconnected workplace.

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLO	CLO Statements	Knowledge Level
CLO1	Understand the comprehensive skills to participate actively in conversation, writing short texts with expression	K1, K2, K3
CLO2	Infer the cohesive devices to describe and discuss any objects, pictures using compound, complex sentence forms.	K2, K3
CLO3	Comprehend the logic in the given situation to organize the ideas to write formal and informal letters.	K2, K3
CLO4	Understand the given material to organize it in a logical sequence to present a paragraph with main and supporting ideas with concluding sentences.	K3
CLO5	Present valuable ideas in conversation to emulate the main ideas and key points in short essays.	K3
K1 - Remember; K2 - Understand; K3 - Apply;		

Ability Enhancement Compulsory Course (AECC) - I: Soft Skills

Unit	Module	Content	No. of Hours
I	Presentation Skills		
	1	Getting to Know You: Grammar: Introduction to Tenses, Everyday English, Role-Play. Reading Activity: Different ways of communication. <i>Activities:</i> Fill in the blanks (Listening), Self Introduction (Speaking).	6
	2	My Day: Grammar: Present simple positive & negative/Adverbs of Frequency, Vocabulary & Speaking about Daily Activities. Listening: Observe and Answer/ Telling the time. <i>Activities:</i> Reading & Writing: Describe where you live.	
	3	Your World: Grammar: Possessive determiners. Listening: Positive & negative contractions. Reading & Writing: Personal profile. <i>Activities:</i> Talk about countries, nationalities (Vocabulary & Speaking).	
	4	The World of Work: Grammar: Yes/No & Wh Questions. Vocabulary & Speaking: Jobs. Listening: Recognize the schwa sound. <i>Activities:</i> Opening and closing an email (Reading & Writing).	
	5	Places and Things: Grammar: There is / there are, articles. Vocabulary & Speaking: Talk about rooms & furniture. Listening: Directions. Reading & Writing: Imperatives.	
	6	24 Hours: Grammar: Likes & Dislikes. Vocabulary & Speaking: Speak about hobbies and interests. Reading: Match the photos with descriptions. Writing: Write complete sentence using prompt. <i>Activities:</i> Observe & answer (Listening).	
		Practice: Listening & Speaking Presentations - Talking about how you learn - Understanding key information in a presentation - Writing sentences about you.	
II	Confidence		
	1	Clothes and Shopping: Grammar: Modal verbs/Adverbs of Frequency/Adjectives and Adverbs. Vocabulary & Speaking: Shopping. Reading & Writing: Product Review. <i>Activities:</i> Observe & answer (Listening).	6
	2	Travel & Transport: Grammar: Past simple questions. Vocabulary & Speaking: Talk about holidays. Listening: At the train station. <i>Activities:</i> Email - A perfect holiday (Reading & Writing).	
	3	Health & Fitness: Grammar: Past simple irregular verbs; Listening: Listen & Answer; Reading & Writing: Time sequencers; <i>Activities:</i> Talk about a healthy lifestyle (Vocabulary & Speaking)	
	4	Music: Grammar: Present perfect simple; Vocabulary & Speaking: Survey about music; Listening: Listen two people talk about music; <i>Activities:</i> Use adjectives and create sentences (Reading)	
	5	Let's go shopping: Vocabulary & Speaking: Town Survey; Listening: Listen and answer; Reading & Writing: Read and match; <i>Activities:</i> Countable & Uncountable (Grammar)	
		Practice: Writing a personal statement.	

Unit	Module	Content	No. of Hours
III	Creativity		6
	1	Cooking & Eating: Grammar: Some & Any, Quantifiers. Vocabulary & Speaking about Food & Drink. <i>Activities</i> Kitchen conversation (Listening). Reading an article & answering.	
	2	Survival: Grammar: Comparison of adjectives. <i>Activities</i> Describing people (Speaking and Vocabulary). Listening to an audio & Answering. Reading & Writing: Read and Answer.	
	3	Working Together: Grammar: Verb + Noun phrases. <i>Activities</i> Technology (Vocabulary & Speaking). Listening: Listen & Answer. Reading & Writing: Notice.	
	4	Music: Grammar: Present perfect simple. <i>Activities</i> Survey about music (Vocabulary & Speaking). Listen to two people talking about music (Listening). Reading: Use adjectives and create sentences.	
	5	Culture and Arts: Grammar: Present perfect. Vocabulary & Speaking activity: Speak on the phone. <i>Activities:</i> Listen and answer. Reading & Writing activity: Review.	
		Practice: Writing comparison sentences & paragraphs.	
IV	Problem-Solving		6
	1	Do's and Don'ts: Grammar, Modal Verbs. <i>Activities</i> Roleplay (Speaking). Holidays in January (Listening). Reading an article & answering.	
	2	Body: Grammar: First conditional. Vocabulary & Speaking about Personality & Appearance. <i>Activities</i> Conversations about personality (Listening), Reading & Writing: Read and Answer about your skills.	
	3	Speed: Grammar: Present simple passive. Vocabulary & Speaking about relationships. Listening: Listen & Answer. Reading and Error spotting.	
	4	Work: Grammar: Adverbs of manner. Vocabulary & Speaking about work advice. Listening: Observe & Answer; Reading: Read & check your ideas.	
		Practice: Writing argumentative and descriptive essays.	
V	Critical Thinking		6
	1	Influence: Grammar: would / past habits. Listening: Sentence Correction. <i>Activities</i> Your inspiration (Speaking). Picture description (Reading). Rewrite the sentences (Writing).	
	2	Money: Grammar: Second conditional. <i>Activities:</i> Radio programme (Listening). Talk about games (Speaking). Reading & Writing: Fill in the blanks.	
	3	Things that changed the world: Grammar: articles. <i>Activities:</i> Talk about chewing gum (Speaking & Listening). Reading & Writing: Read and write a book review.	
		Practice: Writing Emails, reports and proposals.	
Total Hours			30

**Components for Internal Assessment and
Distribution of Marks for CIA and ESE (Theory)**

Max Marks	Marks for		Components for CIA						
100	CIA	ESE	CIA		Model		Attendance	Active Engagement	Total
	25	75	Actual	Weightage	Actual	Weightage	5	5	25
			50	5	75	10			

Question Paper Pattern

Component	Duration in Hours	Section A			Section B			Section C			Total
		Type of Question	No. of Questions	Marks	Type of Question	No. of Questions	Marks	Type of Question	No. of Questions	Marks	
CIA	2	MCQ	8	8x1=8	Either or	3	3x6=18	Either or	3	3x8=24	50
Model Exam / ESE	3	MCQ	10	10x1=10	Either or	5	5x5=25	Either or	5	5x8=40	75

**Components for Internal Assessment and
Distribution of Marks for CIA (Lab)**

Max. Marks	Marks for		Components for CIA						
	CIA	ESE	Test		Model		Experiments / Programs	Observation	Total
	40	60	Actual	Weightage	Actual	Weightage	Marks	5	40
100			50	10	60	15	10		

Examination Pattern

Component	Duration in Hours	Marks			Weightage
		Practical Exam	Record	Total Marks	
Test	2	50	-	50	10
Model	3	60	-	60	15
Experiments Completed	-	-	-	10	10
Observation Note	-	-	-	05	05
Total Marks - CIA					40
ESE	3	50	10	-	60

**Components for Internal Assessment and
Distribution of Marks for CIA (Foundation Course -Theory)**

Max Marks	Marks for		Components for CIA				
50	CIA	ESE	CIA		Model		Total
	50	-	Actual	Weightage	Actual	Weightage	
			50	25	50	25	50

Question Paper Pattern

Duration in Hours	Mode of Exam	Type of Questions	No. of Questions	Marks
2	Offline	Open Choice	5 (Out of 8)	5 x 10=50

**Components for and Distribution of Marks for ESE (Theory)
Ability Enhancement Compulsory Courses (AECC)
&
Question Paper Pattern**

Duration in Hours	Mode of Exam	Type of Questions	No. of Questions	Marks
2	Online	MCQ	50	50x1=50

