CMR UNIVERSITY

School of Management

BBA - Tourism and Hospitality Management

Scheme of Teaching and Evaluation (STE)
Batch: 2025-28 (3 years programme)

Vision and Mission – CMRU

Vision

- To nurture creative thinkers who will drive positive global change.

Mission

- To offer multi, inter and cross-disciplinary modular programmes with technology-enabled teaching-learning processes.
- To focus on research-led teaching and learning in an innovative and interdisciplinary learning environment; to create critical thinkers.
- To create leaders for a knowledge-based economy, with ethical demands of a society base.
- To engage talented intellectual capital with strong faculty diversity in knowledge and experience.
- To ensure transformation of learning into positive behavior of students.

Vision and Mission – SOM

Vision

- To foster creative world leaders who will revolutionize business and solve emerging global challenges.

Mission

- To deliver interdisciplinary courses in Management and allied areas with emphasis on application of analytics and other emerging areas.
- To assist organizations in solving management problems through knowledge creation and application.
- To disseminate knowledge in contemporary areas of management.

Program Educational Objectives (PEOs)

PEO1: To provide a fundamental understanding of how various industries in the manufacturing and service sector operate and are managed,

PEO2: To build managerial, analytical and critical thinking skills required in major arenas of an industry, for financial investment analysis and fund management.

PEO3: To address student's unique learning needs and equip them with the disciplinary knowledge and skills to apply in unfamiliar contexts, for start-ups or any entrepreneurial venture

PEO4: To imbibe knowledge, understanding and skills required for identifying problems, collection of relevant quantitative and qualitative data drawing on a wide range of sources, and using methodologies as appropriate to the subject(s) for formulating evidence-based solutions;

PEO5: To broaden student's subject-related and transferable skills relevant for entry-level management positions in diverse industries;

PEO6: To expose interpersonal and information technology skills to design ethical and sustainable business solutions to real-world problems.

Program Outcomes (POs)

Graduates will be able to:

PO1: Possess a comprehensive knowledge of key theoretical concepts and practices for the critical analysis of contemporary business issues at the local, national, regional and global levels.

PO2: Utilize the skills and competencies in general management, marketing, finance, global business and human resource management to pursue managerial and analyst roles in diverse industries, both domestically and internationally.

PO3: Demonstrate a high level of awareness and adaptability to organisational, economic and cultural diversity, enabling effective navigation of global challenges and opportunities.

PO4: Apply innovative thinking and business model frameworks to develop sustainable and creative solutions to real-world problems, addressing the needs and demands of the national and global business environment.

Program Specific Outcomes (PSOs)

Graduates will be able to:

PSO1: Demonstrate effective verbal and non-verbal communication skills in the digital realm, team settings, and across diverse cultures, addressing both local and global needs.

PSO2: Showcase transferable skills relevant for entry-level management positions in consulting, banking, finance, marketing, advertising, and research-based employment opportunities, catering to local, national, and global requirements.

Credit Structure - 3 Years

Sl. No	Category	I Sem	II Sem	III Sem	IV Sem	V Sem	VI Sem	Total	% of Total Credits
1	Core Course - Major (Management)	15	13	12	11	14	3	68	53
2	Common Core	06	06	03	03	02		20	16
4	Internships						5	5	04
5	Capstone Project / Dissertation						6	6	05
6	Electives - Specialization (Major)				6	6	3	15	12
9	Interdisciplinary		3	3	3			9	07
10	MOOC – Major			2				2	01
11	Community Service						3	3	02
	Total	21	22	20	23	22	20	**128**	**100**

Semester-I

Course Code	Course	CMRU Category	CMRU Subcategory	UGC Category	School/ Dept.	Contact Hours / Week	Credit Distribution L-T-P-C
Program Core							
63ACCT1011	Financial Accounting	Foundation	FC	CC	SOM/SOEC	4	3-1-0-4
63ITBS1011	Business and Technology	Foundation	FC	CC	SOM/SOEC	4	3-1-0-4
63ECON1011	Business Economics (Micro-Economics)	Foundation	FC	CC	SOM/SOEC	3	3-0-0-3
63MATH1011	Business Mathematics	Foundation	FC	CC	SOM/SOEC	4	3-1-0-4
Common Core							
CPSAL1061/ 71 / 81	Hindi / Kannada / English	CC	-	Ability Enhancement	DCCC	2	2-0-0-2
CPSAL2032	Oral and Written Communication	CC	-	Ability Enhancement	DCCC	4	4-0-0-4
GCSCD1011	Community Service Programme - I (COS-I) *	CS	-	-	DCCC	2	0-0-1-1*
TOTAL						**23**	**21 + 1***

*The Community Service-I (COS-I) of 30 hours has to be carried out in the I Semester. The corresponding 1 credit and the CIE will be reflected in the VI Semester.

II Semester

Course Code	Course	CMRU Category	CMRU Subcategory	UGC Category	School/ Dept.	Contact Hours/ Week	Credit Distribution L-T-P-C
Program Core							
63MGMT2011	Principles and Practices of Management	Foundation	FC	CC	SOM/SOEC	3	3-0-0-3
63STAT2011	Business Statistics with Advance Excel	Foundation	FC	CC	SOM/SOEC	5	3-0-1-4
	Principles of Tourism & Hospitality	Advanced	AC	CC	SOM	3	2-1-0-3
63CBLA2011	Corporate Business Law	Foundation	FC	CC	SOM/SOEC	3	3-0-0-3
		Inter disciplinary 1	IDE	Interdisciplinary		3	3-0-0-3
Common Core							
CPSSF1011 /CPSSF1021 /CPSSF1041/CPSSF1031/CPSAL1091/ CPSAL1111 /CPSAL1101	French German Spanish Koren Functional-Hindi Funtional-English Functional-Kannada	CC	-	Ability Enhancement	DCCC	2	2-0-0-2
CPSAD1013	Design Thinking	CC		Ability Enhancement	DCCC	2	2-0-0-2

CKSAM1051	Indian Constitution	CC	-	Ability Enhancement	DCCC	2	2-0-0-2
GCSCD1021	Community Service Programme - II (CSP-II) *	CS	-	-	DCCC	2	0-0-1-1*
TOTAL						**25**	**22 + 1***
GPSDA1012	Career Preparedness Program-I	PS	-	AECC	DCCC	4	**GR**

*The Community Service-II (COS-II) of 30 hours has to be carried out in the II Semester. The corresponding 1 credit and the CIE will be reflected in the VI Semester.

III Semester

Course Code	Course	CMRU Category	CMRU Sub category	UGC Category	School/ Dept.	Contact Hours / Week	Credit Distribution L-T-P-C
Program Core							
	Hospitality Operations	Foundation	AC	CC	SOM	4	2-0-1-3

	Management						
6HRMT2021	Human Resource Management	Foundation	FC	CC	SOM	3	3-0-0-3
	Travel Agency & Tour Operations	Foundation	FC	CC	SOM	4	2-0-1-3
6MKTG2122	Marketing Management	Foundation	AC	CC	SOM	3	3-0-0-3
3MOOC1011	MOOC-1*	Foundation	FC	Skill enhancement/ Ability Enhancement	SOM	2	2-0-0-2
		Inter disciplinary 2	IDE	Multidisciplinary /Inter disciplinary		3	3-0-0-3
Common Core							
CKSAM1012	Critical Inquiry	CC	_	Value added/Ability Enhancement	DCCC	1	1-0-0-1
CCSAE1011	Disaster Management	CC	_	Value added/Ability Enhancement	DCCC	2	2-0-0-2
GCSCD1031	Community Service Programme - III	CSP	-	-	DCCC	2	0-0-1-1*
TOTAL						24	**20+ 1***

GPSBA1022	Career Preparedness Program-II (Career Development Tool Kit + Prepare for Aptitude Tests-2/3)	PS	-	AECC	DCCC	2	GR

*The Community Service - III (COS-III) of 30 hours has to be carried out in the III Semester. The corresponding 1 credit and the CIE will be reflected in the VI Semester.

IV Semester

Course Code	Course	CMRU Category	CMRU Subcategory	UGC Category	School / Dept.	Contact Hours / Week	Credit Distribution L-T-P-C
Program Core							
6FINC2011	Financial Management	Major	AC	CC	SOM	3	2-1-0-3
6MGMT1041	Business Research Methods	Major	AC	CC	SOM	3	3-0-0-3
6HRMT1143	Organisational Behavior	Major	AC	CC	SOM	3	3-0-0-3
	Digital	Major	AC	CC	SOM	3	1-0-1-2

	Marketing for Tourism						
	Sustainable Tourism Development	Elective	DSE	CC	SOM	3	3-0-0-3
	Aviation & Cruise Management	Elective	DSE	CC	SOM	4	2-0-1-3
		Inter disciplinary 3	IDE	Inter disciplinary		3	3-0-0-3
Common Core							
CKSAM1 021	Environment and Sustainability	KSC	-	Value Added Course/Ability Enhancement	DCCC	2	2-0-0-2
CKSAA1 033	Introduction to Philosophical Thoughts	KSC	-	Ability Enhancement	DCCC	1	1-0-0-1
TOTAL						**25**	**23**
GPSBA10 32	Career Preparedness Program-III (Workplace Effectiveness / Prepare for Aptitude Tests-3/3)	PS	-	AECC	DCCC	2	**GR**

Internship of 5 credits to be carried out between IV and V Semester break. The corresponding 5 credits will be reflected in the VI Semester.

V Semester

Course Code	Course	CMRU Category	CMRU Subcategory	UGC Category	School / Dept.	Contact Hours/ Week	Credit Distribution L-T-P-C
Program Core							
	Event Management	Major	AC	Major (Core)	SOM	3	1-0-1-2
6OPSM2011	Operations Research	Major	AC	Major (Core)	SOM	4	2-0-1-3
	Front Office Management	Major	AC	Major (Core)	SOM	3	3-0-0-3
6TAXN2011	Direct Taxation	Foundation	IC	CC	SOM	4	2-0-1-3
6MGMT2061	Strategic Management	Foundation	FC	CC	SOM	3	3-0-0-3
	Tourism Products of India	Elective	AC	Major (Core)	SOM	3	2-1-0-3
	Food & Beverage Service	Elective	AC	Major (Core)	SOM	3	2-1-0-3

	Operations						
	Internship 1† (SIP)	Internship	-	CC	SOM	10	0-0-5-5†
Common Core							
CKSAM1031	Ethics & Values	CC	-	Value Added Course/Ability Enhancement	DCCC	2	2-0-0-2
TOTAL						**35**	**22+5†**
GPSLA1042	Career Preparedness Program-IV	PS	-	AECC	DCCC	2	GR

VI Semester

Course Code	Course	CMRU Category	CMRU Subcategory	UGC Category	School / Dept.	Contact Hours / Week	Credit Distribution L-T-P-C
Program Core							
6MGMT1051	Entrepreneurship Development	Foundation	IC	CC	SOM	3	3-0-0-3
	Tourism data	Elective	AC	Maj or (Cor	SOM	4	2-0-1-3

	Analytics			e)			
3INTS3010	Internship I†(SIP)	Internship	IC	CC	SOM	-	0-0-5-5†
3CAPS4010	Capstone	Project	Project	DSE	SOM	12	0-0-6-6
GCSCD1011	Community Service -I (COS-I)*	CS	-	-	DCCC	-	0-0-1-1*
GCSCD1021	Community Service - II (COS-II)*	CS	-	-	DCCC	-	0-0-1-1*
GCSCD1031	Community Service - III (COS-III)*	CS	-	-	DCCC	-	0-0-1-1*
TOTAL						**19**	20

† The credits of Internship I - Summer Internship Program (SIP) taken up after the IV Semester is reflected in the VI Semester

* The credit of Community Service - I (COS-I) / Community Service - II (COS-II) / Community Service - III (COS-III) of 30 hours each that was carried out in the I / II and III Semesters respectively is reflected in the VI Semester.

Add-on Course (AC): Value added course/Certificate course/Paid course

Add-on Course (AC) : AC is a choice or an option for the candidate to choose from a broad category of courses offered by the school.

Minimum of four Add-on courses to be completed by the students. AC will be conducted for 30 hours.

Certificates will be issued to the students who complete the course successfully.

1. Advanced Excel
2. Data analysis using SPSS
3. Entrepreneurship Lab
4. Emerging Technologies in Business
5. Industry 4.0
6. Marketing 4.0
7. Artificial Intelligence for Business Decisions
8. Startup Management
9. Emotional Intelligence and Personality Development
10. Digital Entrepreneurship

MOOCs:

Study Webs of Active Learning for Young Aspiring Minds (SWAYAM: www.swayam.gov.in) is India's national Massive Open Online Course (MOOC) platform, designed to achieve the three cardinal principles of India's Education Policy: access, equity, and quality. The University Grants Commission (Credit Framework for Online Learning Courses through Study Webs of Active Learning for Young Aspiring Minds) Regulations, 2021 have been notified in the Gazette of India, which now facilitates an institution to allow students to learn through the online platform. The department of Management, CMR University has adopted SWAYAM or NPTEL platform Courses for the benefit of the students.

During the III Semester, Management students are required to study one MOOC course as a part of a programme.

The Course needs to be selected from swayam or NPTEL platform with the approval of the concerned faculty incharge. The faculty incharge will monitor the progress of the students throughout the course period.

 The active learners who obtain the certificate will be given the secured marks and credits in the marks card.

The students who fail to complete the MOOC examination, the faculty in-charge, will take up the responsibility of conducting CIE and SEE at the college .

Online Course:

During the VI Semester, Management students are required to study one online course as a part of a

management programme.

The approved course from the school needs to be selected with the approval of the concerned faculty incharge. The faculty incharge will monitor the progress of the students throughout the course period.

 The active learners who obtain the certificate will be given the secured marks and credits in the marks card.

The students who fail to complete the online examination, the faculty in-charge, will take up the responsibility of conducting CIE and SEE at the college .

Exit Policy: For BBA programme, there shall be multiple exit points, that is, at the end of the first year and II year of the BBA programme after successful earning required credits.

Exit Policy: I Year : Undergraduate Certificate

                              II Year : Undergraduate Diploma

                              III Year : Bachelor's in Business Administration (BBA)

Please Note: Practical Classes may be conducted in the Business Lab or in Computer Lab or in Classroom depending on the requirement. One batch of students should not exceed half (i.e., 30 or less than 30 students) of the number of students in each class/section. 2 Hours of Practical Class is equal to 1 Hour of Teaching, however, whenever it is conducted for the entire class (i.e.,more than 30 students) 2 Hours of Practical Class is equal to 2 Hours of Teaching.

First Semester Syllabus

63ACCT1011 : Financial Accounting

Course Framework

Credits: L-T-P-C: 3-1-0-4		**Syllabus Version: 1**
Contact Hours / Week: 4	**Total Contact Hours: 60**	**Level: 100**
Prerequisite: (If applicable)	_	

Course Learning Objectives:

CLO1: To Develop a comprehensive understanding of the preparation and purpose of financial statements

CLO2: To identify and rectify accounting errors to ensure accurate financial reporting.

CLO3: The preparation of Bank Reconciliation Statements and the ability to reconcile discrepancies between bank and company records.

CLO4: To calculate depreciation and various methods and their impact on financial statements.

CLO5: To Acquire knowledge of accounting practices specific to non-trading concerns, including the handling of Receipts and Payments and Income and Expenditure accounts.

Course Outcomes: On successful completion of the course, Students will be able to,

CO1: To prepare and interpret final accounts for sole proprietors, ensuring accurate representation of financial position and performance. (L 2).

CO2: The demonstrate the ability to identify, rectify, and explain errors in financial records, contributing to improved accuracy in financial reporting. (L 3).

CO3: Independently prepare bank reconciliation statements, accurately addressing discrepancies and maintaining proper financial records. (L 3).

CO4: Apply different methods of depreciation, understanding their implications on the financial health and reporting of an organization. (L 4).

CO5: Analyze, prepare accounts for non-trading concerns, ensuring proper treatment of special items and adherence to Indian Accounting Standards 1 to 10. (L5).

PO: PO1/PO2/PO3/PO4	**PSO**:
PSO1/PSO2	

B. Syllabus

Module :1: Final accounts of sole proprietors	**Hours: 12**

Trial Balance, Rectification of Errors, Final Accounts, meaning and purpose, users of financial statements, Trading and Profit and Loss Account, Balance Sheet, difference between Trial Balance and

Balance Sheet, limitations of financial statements, Final Accounts with adjustments.

Module :2: Bank Reconciliation Statement	Hours: 12

Bank Reconciliation Statement, Accounts from incomplete records, statement of affairs method.

Module :3: Depreciation	Hours: 12

Depreciation, meaning and causes, need for providing for depreciation, methods of depreciation.

Module :4: Consignment Account	Hours:12

Consignment accounts, entries in the books of consignor and consignee, treatment of stock, normal and abnormal losses, Joint venture.

Module :5: Accounts of Non- Trading Concerns	Hours: 12

Capital and Revenue, accounts of non – trading concerns, Receipts and Payments Account and Income and Expenditure Account, Treatment of special items, knowledge of Indian Accounting Standards 1 to 10.

C. References

TEXTBOOKS:

1. *K M Vineeth, K R Shabu – Introduction to Accountancy, Kalyani Publishers*

2. *S. P. Jain and K. L. Narang, Advanced Accounting Vol. I, Kalyani Publishers*

3. *Tally Accounting Software User's Manual*

REFERENCE TEXTS:

1. *R. L. Gupta and M. Radhaswamy: Advanced Accountancy Vol. - 1, Sultan Chand and Sons*

2. *M. C. Shukla and T. S. Grewal: Advanced Accounts Vol. - 1, S. Chand and Co.*

3. *A. K. Nadhani and K. K. Nadhani: Implementing Tally, BPB Publications, 2001.*

D. Mode of Assessment

IAT / CCE & SEE

CCE 1 : Business Simulation =10 marks

CCE 2 : Problems solving = 10 marks

CCE 3 : Presentation = 10 marks

E. Scheme of Evaluation

1.Continuous Internal Evaluation (CIE) Scheme: 50 Marks

Components	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

2. Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50 Marks)

Section	Number of Questions	Number of Questions to be attempted	Marks/ Question	Total Marks for the Section	Bloom's (Modified) Taxonomy Level
A	7	5	3	15	L2
B	7	5	8	40	L2, L3
C	4	3	15	45	L3, L4

F. CO-PO-PSO Mapping

CO	PO				PSO		
	1	2	3	4	1	2	3
1	3	1	2	1	3	1	2
2	1	3	2	1	2	3	1
3	2	1	3	2	1	2	3
4	1	2	1	3	2	1	2
5	2	3	1	2	1		3

63ITBS1011: Business and Technology

A. **Course Framework**

Credits: L-T-P-C: 3–1–0-4	**Syllabus Version: 1**

Contact Hours / Week: 4	**Total Contact Hours: 60**	**Level:100**

Prerequisite: (If applicable)	_

Course Learning Objectives:

CLO1: To understand the purpose and types of business and how they interact with the key stakeholders and the external environment.

CLO2: To understand business organisation structure, functions and role of corporate governance.

CLO3: To learn the tools of performance measurement in profit and not-for-profit organisations and explain and demonstrate issues that require consideration when setting transfer prices in multinational companies.

CLO4: To learn to analyse and use multiple business models to address strategic performance issues in complex business structures and allow alternative solutions towards performance measurement and management.

CLO5: To learn the application of various professional skills in the process of creating solutions towards problems faced in the field of performance management.

Course Outcomes: On successful completion of the course, Students will be able to,

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

CO1: Identify the business organization, its stakeholders, and the external environment. (L3)

CO2: Acquire sound knowledge about the IFRS/IAS principles and apply them to account for various business transactions**.** (L4)

CO3: Understand the various functions of management such as R & D, sales, marketing, production, purchase, administration, finance & accounting, support services, and human resources. (L4)

CO4: Understand the meaning and concept of professional ethics in accounting and business(L4)

CO5: Assess the various functions of a leader, personal effectiveness, and communication. (L4)

PO: PO1/PO2/PO3/PO4	**PSO**: PSO1/PSO2/PSO3/PSO4

B. **Syllabus**

Module :1: The business organisation, its stakeholders, and the external environment Hours: 12

The purpose and types of business organisation -Stakeholders in business organisations -Political and legal factors affecting business -Macroeconomic factors - Micro economic factors -Social and demographic factors -Technological factors - Environmental factors -Competitive factors

Module :2: Business organisational structure, functions and governance **Hours: 12**
The formal and informal business organisation- Business organisational structure and design-Organisational culture in business -Committees in business organisations - Governance and social responsibility in business

Module :3: Accounting and reporting systems, compliance, control, technology and security Hours: 12
The relationship between accounting and other business functions -Accounting and finance functions within business organisations. Principles of law and regulation governing accounting and auditing -The sources and purpose of internal and external financial information, provided by business. Financial systems, procedures and related IT applications -Internal controls, authorisation, security of data and compliance within business.   Fraud and fraudulent behaviour and their prevention in business, including money laundering. -The impact of Financial Technology (Fintech) on accounting systems.

Module :4: Leading and managing individuals and teams; Personal effectiveness and communication **Hours: 14**
Leadership, management and supervision -Recruitment and selection of employees.
Individual and group behaviour in business organisations -Team formation, development and management.
Motivating individuals and groups -Learning and training at work -Review and appraisal of individual performance.
The application and impact of Financial Technology (FinTech) in accountancy and audit.
Personal effectiveness techniques- Consequences of ineffectiveness at work -Competence frameworks and personal development -Sources of conflicts and techniques for conflict resolution and referral -Communicating in business.

Module :5: Professional ethics in accounting and business **Hours: 10**
Fundamental principles of ethical behaviour
The role of regulatory and professional bodies in promoting ethical and professional standards in the accountancy profession
Corporate codes of ethics- Ethical conflicts and dilemmas.

C. References
● ACCA Study Material 2022-23 by Kaplan

- ACCA Study Material 2022-23 by BPP

- Vasishth, Neeru, "Business Organization", Taxmann.

- Talloo, Thelman J., "Business Organizational and Management", TMH.

- Tulsian, P.C., Business Organisation, Pearson Education.

D. Mode of Assessment

IAT / CCE & SEE

CCE 1 : Case Study Analysis =10 marks

CCE 2 : MCQ = 10 marks

CCE 3 : Presentation = 10 marks

E. Scheme of Evaluation

1.   **Continuous Internal Assessment (CIE): 50 Marks**

Components	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

2. Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50)

Section	No of Questions	No of Questions to be attempted	Marks / Question	Total Marks for the Section	Revised Bloom's Taxonomy
A	7	5	3	15	L2
B	7	5	8	40	L2 & L3
C	4	3	15	45	L3 & L4

F. CO-PO-PSO Mapping

CO	PO				PSO		
	1	**2**	**3**	**4**	**1**	**2**	**3**
1	3	3	3	3	3	3	3
2	2	3	2	3	2	3	3
3	3	2	3	3	1	3	2
4	2	3	2	3	2	3	3
5	3	2	3	2	2	1	1

63ECON1011 : BUSINESS ECONOMICS (Micro Economics)	
A. Course Framework	
Credits: L-T-P-C: 3-0-0-3	**Syllabus Version: 1**
Contact Hours / Week: 3 **Total Contact Hours: 45**	**Level: 100**
Prerequisite: (If applicable) _	

Course Learning Objectives:

CLO1: To understand the different aspects of theoretical principles of economics.

CLO2: To explain the law of demand and supply.

CLO3: To recall the factors of production, cost and revenue curves.

CLO4: To explain the causes and consequences of different market conditions from the point of view of Micro Economics.

CLO5: To analyse the theories of Profit and Rent.

Course Outcomes: On successful completion of the course, Students will be able to,

CO1: Discuss the different aspects of principles of economics (L 2).

CO2: Apply the mechanics of supply and demand in allocating goods and services (L 3).

CO3: Identify relationships between production and costs (L 2).

CO4: Compare and contrast the pricing mechanism and output determination under different market conditions (L 4).

CO5: Analyze the contribution of different schools of thoughts towards calculation and analysing the profit and rental elements in a given economic conditions (L3).

PO: PO1/PO2/PO3/PO4	**PSO**: PSO1/PSO2

B. Syllabus

Module :1 Introduction to Economics	**Hours: 7**

Economics: Meaning & Scope; Ten Principles of Economics; The Central Problem of an Economy; Agents of Economics; Producer, Consumer: Utility Analysis (definition, law of diminishing marginal utility, Law of Equi-marginal utility).

Module :2 Demand and Supply	**Hours: 10**

Ordinal Approach: Indifference Curve analysis, Revealed Preference Theory, Demand: definition, determinants, Law of demand, Types of Demand, Demand Curve Analysis, Exceptions to Law of Demand: (Giffen and Veblen effect); Elasticity of Demand (meaning-classification- types- factors-measurement), Demand Forecasting, Supply: Law of Supply, Determinants, Elasticity of Supply, Equilibrium.

Module :3: Production, Costs and Revenue	Hours: 8
Factors of Production, Production Function: Law of Diminishing Returns, Law of Returns to Factor & Scale; Cost: Total Cost (total fixed costs & total variable costs), Average Cost, Marginal Cost (short run & long run), Revenue: Total Revenue, Average Revenue, Marginal Revenue (short run & long run).	

Module :4: Market Structure	Hours:12
Market Structure: Perfect Competition, Features, Determination of Equilibrium Price & Output Time Element.	
Imperfect Competition; Monopoly: Features, Determination of Equilibrium Price & Output, Price Discrimination.	
Duopoly: Features, Oligopoly: Features, Price Rigidity-Kinked Demand Curve, Cartels/Price Leadership Models.	
Monopolistic Competition: Features, Product Differentiation, Determination of Price and Output, Measures of Market Concentration/Power.	

Module :5: Theories of Profit and Rent	Hours: 8
Profit: Meaning and Types, Theories- Hawley's, Knight's and Schumpeter Theory of Innovation.	
Rent Theory: Classical Economist Views, Adam Smith Perspective on Rent Theory, David Ricardo's Theory of Rent, Concept of Land Rent and Modern Views on Rent theory.	

C. References
1**.** P Samuelson A & Nordhaus William D, 'Economics' McGraw Hill, New Delhi, India.
2. N. Gregory Mankiw, 'Principles of Economics', Cengage Learning, Boston, US.
3. Pindyck R & Rubinfeld D, 'Microeconomics', Pearson Higher Education, India.

D. Mode of Assessment
IAT / CCE & SEE CCE 1 : Case Study Analysis =10 marks CCE 2 : MCQ = 10 marks CCE 3 : Presentation = 10 marks
E. Scheme of Evaluation

1. **Continuous Internal Evaluation (CIE): 50 Marks**

Components	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

2. **Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50)**

Section	No of Questions	No of Questions to be attempted	Marks / Question	Total Marks for the Section	Revised Bloom's Taxonomy
A	7	5	3	15	L2
B	7	5	8	40	L2 & L3
C	4	3	15	45	L3 & L4

F. CO-PO-PSO Mapping

CO-PO-PSO Mapping							
CO	PO				PSO		
	1	2	3	4	1	2	3
1	3	1	2	2	3	1	2
2	2	3	1	2	1	3	2
3	2	1	3	2	2	1	3
4	1	3	2	3	2	3	1
5	3	2	1	2	1	2	2

63MATH1011: BUSINESS MATHEMATICS

A. Course Framework

Credits: L-T-P-C: 3-1-0-4	**Syllabus Version: 1**

Contact Hours / Week: 4	**Total Contact Hours: 60**	**Level: 100**

Prerequisite: (If applicable)	**Nil**

Course Learning Objectives:

CLO1: To aid students in reaching a level of increased competence in business mathematics and understanding the importance of mathematical concepts in business applications.

CLO2: To help learners gain familiarity with Mathematical ways to deal with problems related to commerce.

CLO3: To apply matrix algebra, linear programming, differentiation and their applications in business and economics.

Course Outcomes: On successful completion of the course, Students will be able to,

CO1: Apply the concept of ratios to calculate a continued ratio, divide a quantity in a given ratio, illustrate proportion, describe direct, inverse and compound proportion to solve common business problems. (L3)

CO2: Interpret concepts of Matrices and Determinants and apply them in business applications. (L2)

CO3: Analyze arithmetic and geometric progressions for business applications (L4)

CO4: Apply discounting procedures, including trade discount and cash discount (L3)

CO5: Determine nominal and effective rates of interest (L4)

PO: PO1/PO2/PO4   **PSO**: PSO1/PSO2

B. Syllabus

Module :1: BASIC MATHEMATICS Hours: 15

Ratio and Proportion: Meaning-types-duplicate, triplicate, sub-duplicate and sub-triplicate ratios, Laws of proportion

Business Applications. Logarithms and exponents: Types, fundamental laws

Equations: meaning – algebraic and transcendental equations, system of simultaneous linear equations, Solution of one variable, higher degree equations by method of elimination and Cross-Multiplication, Quadratic equations –solution of using Factorization and Formula.

Module :2: SET THEORY, MATRICES AND DETERMINANTS Hours: 15

Set Theory: Definition of set, Presentation of sets, Different types of sets- Null set, Finite and infinite Sets, Universal set, Subset, Power set etc.; Set Operations, Law of algebra of Sets, Venn Diagrams

Introduction: Meaning- types and algebra of matrices, transpose, minor, cofactor, adjoint, inverse, product of matrices.

Determinant: Meaning, properties, Solving equations in two and three variables - Matrix inversion method- Cramer's rule. Applications of matrices in Business and Economics.

Module :3: PROGRESSIONS, PERMUTATIONS AND COMBINATIONS   Hours: 10

Introduction: Meaning of progressions -types of progressions; Arithmetic Progression: meaning- n th term of AP-sum of first 'n' terms of AP- insertion of arithmetic means in given terms of AP- problems; Geometric Progressions: meaning- n th term of GP- sum of n th terms of GP- insertion of geometric means in given terms of GP - problems of GP; Business applications of AP and GP.

Permutations and Combinations: Definition, Factorial Notation, Theorems on Permutation, Theorems on Combination

Module :4: COMMERCIAL ARITHMETIC   Hours: 8

Profit and Loss: Meaning - problems; Discount- Meaning- Trade discount and Cash discount, discounting procedure -Bills of Exchange; Percentages; Commission; Brokerage; Business applications of all concepts.

Module :5: MATHEMATICS OF FINANCE   Hours: 12

Rates of interest: Simple interest, Compound interest, Nominal and effective rate of interest-problems based on all different interest rates, inter-relationships in different compounding situations - compounding and discounting of a sum using different types of rates; Annuities: Types Of annuities like ordinary, due, deferred, continuous, perpetual etc., finding future and present values of annuities using different types of rates of interest - problems.

C. References

1. D. C. Sancheti & V. K. Kapoor., *Business Mathematics, S. Chand, New Delhi*
2. A Lenin Jothi., *Financial Mathematics, Himalaya Publications, Mumbai, No. 1*
3. B. M. Aggarwal., Business Mathematics, Ane Books Pvt. Ltd., No. 5

D. Mode of Assessment

IAT / CCE & SEE

CCE 1 : Business Simulation = 20 marks

CCE 2 : Problem Solving = 10 marks

E. Scheme of Evaluation

1. Continuous Internal Evaluation (CIE): 50 Marks

Components	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

2. Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50 Marks)

Section	No of Questions	No of Questions to be attempted	Marks / Question	Total Marks for the Section	Revised Bloom's Taxonomy
A	7	5	3	15	L2
B	7	5	8	40	L2, L3
C	4	3	15	45	L3, L4

F. CO-PO-PSO Mapping

CO-PO-PSO Mapping						
CO	**PO**				**PSO**	
	1	**2**	**3**	**4**	**1**	**2**
1	3	1	2	2	1	2
2	2	3	1	3	3	2
3	2	3	1	3	3	2
4	1	3	2	2	2	1
5	1	2	1	2	2	3

CPSAL1061**: Hindi**
A. Course Framework

Credits: L-T-P-C: 2-0-0-2	**Syllabus Version: 1**
Contact Hours / Week: 2	**Total Contact Hours: 30**	**Level: 100**
Syllabus Copy	2024-Hindi-Syllabus-CPSAL1061-pdf.pdf

CPSAL1071: Kannada
A. Course Framework

Credits: L-T-P-C: 2-0-0-2	**Syllabus Version: 1**
Contact Hours / Week: 2	**Total Contact Hours: 30**	**Level: 100**
Syllabus Copy	2024-Kannada-Syllabus-CPSAL1071-.pdf

Course Code: CPSAL1081
English: **(SOM/SOEC/SOSSH/SOSS/SOD/SOA)** **Batch-2024**

A. Course Framework		

Credits: L-T-P-C:2-0-0-2		**Syllabus Version: 2.0**
Contact Hours / Week-2	**Total Contact Hours: 30**	**Level: 100**
Prerequisite: (If applicable)	**Knowledge on English Language and Literature**	

Course Learning Objectives:

CLO1: To develop language skills

(LSRW) CLO2: To develop Literary

sensibilities

CLO3: To explore the history of ideas and contemporize

CLO4: To discover Narrative writing through analytical thinking.

Course Outcomes: On successful completion of the course, Students will be able to,

CO1: Define Critical Thinking skills (L1)

CO2: Compare the poetical terms and integrate creative ideas in the English Language.

(L2) CO3: Interpret meaningful connectivity on the basis of characters with the

plot.(L2)

CO4: Develop Narrative skills to improve their writing proficiency.

(L3) CO5: Construct sentences to improve their Verbal Skills.(L3)

B.   Syllabus

Module:1 Prose **:**	**Hours: 06**

1) The Verger - Somerset Maugham 2) When Pirzada Came to Dine – Jhumpa Lahiri	
Module:2 Poetry	**Hours: 06**
1) A River– AK Ramanujan 2) Our Casuarina Tree– Toru Dutt	
Module:3 Novel (Extensive Reading)	**Hours: 08**
To Kill a Mockingbird- Harper Lee (Novel)*	
Module:4 Narrative Writing	**Hours: 04**

1) Narrative writing- Mini Sagas 2) Answering reading comprehension Passages.	
Module:5 Grammar	**Hours: 06**
1. Articles 2. Prepositions 3. Subject-Verb agreement	
C. References	

1.Essential Eng. Grammar Paperback – 12 January 2000- by Raymond

Murphy 2.To Kill a Mockingbird-movie

3.The Poetry of Pablo Neruda- Pablo

Neruda 4.Somerset Maugham poems

5.Robert   Browning   poems

https://poetryarchive.org/poet/robert-browning/

https://www.cambridge.org/download_file/stream_inline/1009762   •

PDF file https://essaypro.com/blog/article-review

ww.skillshare.com/blog/5-examples-of-narrative-writing/

https://prezi.com/r1yeadfjme8x/paper-1-passages-for-comm
ent/

https://blog.essaybasics.com/how-to-write-an-article-review

D. Mode of Assessment

CIE: IAT / Assignment / Participatory Learning and SEE

E.   Scheme of Evaluation

1. Continuous Internal Evaluation (CIE): 25 Marks

Components	Average of 2 IATs	**CCE**	**Total Marks**
Max Marks	10	15	25

2. Semester End Examination (SEE) Scheme: 50 Marks (Scaled down to 25 Mark)

School of Management
BBA

Section	No of Questions	No of Questions to be attempted	Marks / Question	Total Marks for the Section	Revised Bloom's Taxonomy
A	5	4	3	12	L1, L2
B	4	3	6	18	L2, L3
C	3	2	10	20	L3
Total SEE Marks				**50**	

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Oral and Written Communication (4 group Schools)

Course Code: CPSAL2032

Batch:2024

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A. Course Framework

Credits: L-T-P-C:4-0-0-4		**Syllabus Version: 3.0**
Contact Hours / Week-4	**Total Contact Hours: 60**	**Level: 100**
Prerequisite: (If applicable)	**Basic English Communication**	

Course Learning Objectives:

CLO1: To develop the ability to speak clearly and concisely in formal and informal settings.

CLO2: To improve Listening skills for specific information, instructions, or details in spoken messages, such as academic lectures, workplace briefings, or public announcements.

CLO3: To enhance the ability to understand the main ideas, details, and implied meanings of texts.

CLO4: To foster structured and logically organized paragraphs to improve the effectiveness of written communication.

CLO5: To acquire a robust comprehension of grammar rules and principles, facilitating proficient communication in both spoken and written contexts.

Course Outcomes: On successful completion of the course, Students will be able to:

CO1: Apply different listening techniques to effectively engage with diverse speakers and situations. (L3)

CO2:Demonstrate proficiency in both oral and written communication, effectively expressing ideas, opinions, and information in a clear and coherent manner. (L3)

CO3: Use the different methods and strategies of reading. (L3)

CO4: Apply acquired knowledge in writing using appropriate tone and structure. (L3)

CO5: Analyze and interpret grammatical structure in texts to enhance communication skills in various contexts, including academic writing, professional correspondence, and interpersonal communication. (L2, L3)

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B. Contents:	
Module: 1	**Hours-12**
Focus on Speaking in formal and informal	
Greeting and Introducing self / Talking about self - (Formal and Informal in different contexts where students can introduce and describe themselves)-Introducing friends, colleagues, and peers. Sentence structure and word order, Framing questions with Be-verbs, Modal Auxiliaries, Wh. questions, and Auxiliary Questions.	
Module: 2	**Hours-12**
Listening and Elements of Grammar:	
Importance of Communication, Types of Communication, Barriers to Communication and strategies to overcome them. Listening -Types of Listening - Listening to Lectures/ Videos/Talks, Kinds of sentences, Prefixes and Suffixes (root words), Verbal Analogy	
Module: 3	**Hours-12**
Focus on Reading and Functional Grammar	
Methods in reading, (Scanning, skimming, and in-depth reading) Strategies in Reading Comprehension, Parajumbles, Verb forms and Tenses a Practical Approach.	
Module: 4	**Hours-12**
Refine Writing Skills	
Sentence correction, Drafting formal and informal correspondence / Emails for different academic situations and in the workplace -Different Tones, Vocabulary used in formal and informal Emails.	
Module: 5	**Hours-12**
Focus on Oral and Written concepts.	

Oral Presentation Skills - Plan Prepare and Present, Paragraph Writing, Types of Paragraphs (Narrative, Descriptive, Expository, Persuasive).

C. References:

1. Dale Carnegie & Dorothy Carnegie. (1977). *The Quick and Easy Way to Effective Speaking*. Simon and Schuster.

2. Norman Lewis. (2009). *Word Power Made Easy*. Goyal Publishers.

3. Bailey, Stephen. Academic writing: A handbook for international students. Routledge, 2014.

4. Chase, Becky Tarver. Pathways: Listening, Speaking and Critical Thinking. Heinley ELT; 2nd Edition, 2018.

5. Skillful Level 2 Reading & Writing Student's Book Pack (B1) Macmillan Educational.

6. Hewings, Martin. Cambridge Academic English (B2). CUP, 2012.

7. Robert W Bly Webster's New World Letter Writing Handbook. Wiley Publishing, Inc.

8. Chapman Rebecca. English for Emails. Oxford University Press.

9. Tracy, Brian. *Speak to Win: How to Present with Power in Any Situation*. HarperBusiness, 2008.

10. Murphy, Raymond. *English Grammar in Use*. Cambridge University Press, 2019.

11. Strunk Jr., William, and E.B. White. *The Elements of Style*. New York, Longman, 2000.

12. Wren, P.C., and H. Martin. *High School English Grammar and Composition*. S. Chand & Company, 2018.

Web References:

www.esl-lab.com

www.englishmedialab.com

www.englishinteractive.net

D. Mode of Assessment

IAT/CCE&SEE

E. Scheme of Evaluation

1. Continuous Internal Evaluation (CIE): 50 Marks

Components	Average of 2 IATs	CCE	Total Marks
Max Marks	20	30	50

2. Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50 Marks)

Section	No. of Questions	No. of Questions to be attempted	Marks/Question	Total Marks for the Section	Revised Bloom's Taxonomy
A	7	5	3	15	L1, L2
B	7	5	8	40	L2, L3
C	4	3	15	45	L3, L4

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	2	1	1	2	2		3	3	2	2
CO2	2	3	1	2	1	1	2	3	3	3	2	3
CO3	3	2	1	2	3	2	1	3	3	1	1	1
CO4	2	3	2	1	2	1	1	3	2	2	2	3
CO5	3	2	2	1	2	2	2	3	2	2	1	1

Level: Low-1, Medium-2, High-3

Graduate Attributes (GA)

S No	Graduate Attributes
1	Engineering Knowledge
2	Problem Analysis

3	Design/Development of Solution
4	Conduct investigations of complex problems
5	Modern tool usages
6	The engineer and society
7	Environment and Sustainability
8	Ethics
9	Individual and team work
10	Communication
11	Project Management and finance
12	Lifelong learning

II Semester Syllabus

63MGMT2011: Principles and Practices of Management	
A. Course Framework	

Credits: L-T-P-C: 3-0-0-3		**Syllabus Version: 1**
Contact Hours / Week: 3	**Total Contact Hours: 45**	**Level: 200**
Prerequisite: (If applicable)	Nil	

Course Learning Objectives:

CLO 1: To understand the fundamental concepts and principles of the management process.

CLO 2: To apply the key functions of planning, organizing, staffing, leading, and controlling in different organizational contexts.

CLO 3: To analyze and evaluate the effectiveness of management practices in achieving organizational goals.

CLO 4: To demonstrate effective communication and teamwork skills in managerial roles.

CLO 5: To identify and apply ethical and socially responsible decision-making practices in management.

Course Outcomes: On successful completion of the course, Students will be able to,

CO1: Understand the concepts and significance of the management process. (L2)

CO2: Explain and apply the key functions of planning, organizing, staffing, leading, and controlling in organizational settings. (L3)

CO3: Evaluate the effectiveness of management practices in achieving organizational goals and objectives. (L4)

CO4: Demonstrate effective communication and teamwork skills in managerial roles. (L3)

CO5: Apply ethical and socially responsible decision-making practices in management situations. (L3)

PO: PO1/PO2/PO4 　　　　　　　　**PSO**: PSO1/PSO2

B. Syllabus

Module :1: Introduction to Management	Hours: 10

Management: Definition- Nature and characteristics - Purpose and Functions- Evolution of Management thought -Pre Scientific Management era, Classical Management era, Neo-classical management era, Modern management theory. Management as a science, Art or a Profession- levels ofManagement - Differentiate between Management and Administration.

Module :2: Planning and Decision-making	Hours: 8
Planning: Meaning, Process- Objectives, MBO, Meaning, and Purpose- The role of planning in achieving organizational goals, Setting SMART (Specific, Measurable, Achievable, Relevant, Time-bound) goals, Types of Plans: Strategic plans, Tactical plans, Operational plans The relationship between planning and decision-making, The role of planning in reducing uncertainty and facilitating effective decision-making.	

Module :3: Organizing	Hours: 10
Organising- Meaning and Purpose, Elements of organizational design: specialization, departmentalization, chain of command, span of control, centralization vs. decentralization, Different types of organizational structures: line and staff organization, conflict between line and staff authority, functional, divisional, matrix, team-based, network. Formal and informal organization.	

Module :4: Staffing	Hours: 08
Staffing: Importance of staffing in organizational effectiveness. assessing staffing needs and determining job requirements, Strategies for creating an inclusive work environment	

Module :5: Directing and Controlling	Hours: 09
Meaning and Nature of direction, principles of direction. Definition and significance of controlling, Elements of Effective Control Systems; Balanced scorecards, Benchmarking and performance comparisons; Continuous improvement and the PDCA (Plan-Do-Check-Act) cycle, Challenges and opportunities of controlling in a globalized environment.	

C. References

1. Robbins Stephen P, Delenzo DavidA. Bhattacharya Sanghamitra, Agarwal Madhushree Nanda, Principles of Management

2. Koontz Harold, Essentials of Management, Tata McGraw Hill

3. Daft Richard L, Management, Thomson South-Western Learning

4. Rao VSP, Hari Krishna V, Management

5. Ramaswamy T, Principles of Management, Himalaya Publishing House

6. Tripathy & Reddy, Principles of Management, TMH Publications, 3/e

D. Mode of Assessment

IAT / CCE & SEE
CCE 1 : Case Study Analysis =10 marks
CCE 2 : MCQ = 10 marks
CCE 3 : Presentation = 10 marks
F.   Scheme of Evaluation

1.Continuous Internal Evaluation (CIE) Scheme: 50 Marks

Components	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

2. Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50 Marks)

Section	Number of Questions	Number of Questions to be attempted	Marks/ Question	Total Marks for the Section	Bloom's (Modified) Taxonomy Level
A	7	5	3	15	L2
B	7	5	8	40	L2, L3
C	4	3	15	45	L3, L4

F. CO-PO-PSO Mapping

CO	PO				PSO		
	1	2	3	4	1	2	3
1	3	1	2	1	3	1	2

2	1	3	2	1	2	3	1
3	2	1	3	2	1	2	3
4	1	2	1	3	2	1	2
5	2	3	1	2	1		3

63STAT2011: Business Statistics with Advance Excel		
A.Course Framework		
Credits: L-T-P-C: 3-0-1-4		**Syllabus Version: 1**
Contact Hours / Week: 5	**Total Contact Hours: 75**	**Level: 200**
Prerequisite: (If applicable)	Nil	
Course Learning Objectives:		
CLO 1: To understand the classify data based on different methods and create diagrammatic Presentations. CLO 2: To analyze the empirical relationships of Measures of Central Tendency, Dispersion and Skewness . CLO 3: To understand the concept of coefficient of correlation. CLO4: To understand the components of time series CLO 5: To identify and apply Excel functions in Statistics.		
Course Outcomes: On successful completion of the course, Students will be able to,		

CO1: Students will be able to classify data based on different methods and create diagrammatic

presentations (such as bar diagrams and pie diagrams) to represent data visually. (L3)

CO2: Students will be able to calculate measures of central tendency (mean, median, mode) for

various types of data (individual, discrete, continuous) and understand their empirical relationships.

(L4)

CO3: Students will be able to compute correlation coefficients (such as Karl Pearson's coefficient)

and understand the concept of regression analysis along with regression equations. (L4)

CO4: Students will be able to understand the components of time series data, fit a straight-line trend using
the Least Square Method, and estimate trend values. (L3)

CO5: Students will be able to apply Excel functions (including statistical, lookup, and reference

functions) to analyze data, create pivot tables, and understand the basics of macros. (L3)

PO: PO1/PO2/PO4	**PSO**: PSO1/PSO2

B. Syllabus

Module :1: Introduction to Statistics   **Hours:10**

Introduction – Meaning, Functions and Uses of Statistics; Collection of Data - Techniques of Data Collection – Census Technique and Sampling Technique (Concepts). Classification: Meaning, and Methods of Classification of Data, Tabulation: Meaning, Parts of a Table – Simple problems on Tabulation; Diagrammatic Presentation: Bar Diagrams – Simple Bars, Multiple Bars, Percentage Sub-divided Bar Diagram; Two Dimensional Diagrams – Pie Diagram.

Module :2: Measures of Central Tendency and Measures of Dispersion and Skewness
Hours:20

Measures of Central Tendency: Calculation of Arithmetic Mean, Median and Mode for Individual, Discrete and Continuous Series – Problems; Empirical relation between Mean, Median and Mode. Measures of Dispersion: Absolute and Relative measures of dispersion - Standard Deviation in Individual, Discrete and Continuous Series – Problems Measures of Skewness: Calculation of Karl Pearson's Co-efficient of Skewness (Uni-modal) – Problems.

Module :3: Correlation and Regression Analysis   **Hours:15**

Correlation Analysis - Meaning, Types of Correlation, Calculation of Karl Pearson's Coefficient of Correlation, Computation of Probable Error, Regression Analysis – Concept of Regression, Regression equations- Problems.

Module :4: Time Series Analysis	Hours :10
Meaning, Components, fitting a straight-line trend using Least Square Method (Problems where $\Sigma X = 0$ only), calculation and estimation of trend values.	
Module :5: Statistics in Excel	**Hours :20**
Introduction to Excel, Features of Excel, Applications of Excel, Worksheets, Workbooks, Built-in Excel functions – text functions – CLEAN, TRIM, LOWER, PROPER, UPPER, TEXT, VALUE, CONCATENATE, logical functions – AND, OR, XOR, NOT, IF, IFS, lookup and reference functions – VLOOKUP, HLOOKUP, MATCH, INDEX, math functions – SUM, PRODUCT, SQRT, QUOTIENT, MOD, statistical functions – COUNT functions, Deviation and Variance Functions, Trend Line Functions, MAX, MIN, AVERAGE Functions, Pivot Tables, Introduction to Macros, Data Visualization in Excel.	

C. References

1. Robbins Stephen P, Delenzo DavidA. Bhattacharya Sanghamitra, Agarwal Madhushree Nanda, Principles of Management

2. Koontz Harold, Essentials of Management, Tata McGraw Hill

3. Daft Richard L, Management, Thomson South-Western Learning

4. Rao VSP, Hari Krishna V, Management

5. Ramaswamy T, Principles of Management, Himalaya Publishing House

6. Tripathy & Reddy, Principles of Management, TMH Publications, 3/e

D. Mode of Assessment

IAT / CCE & SEE

CCE 1 : Case Study Analysis =10 marks

CCE 2 : MCQ = 10 marks

CCE 3 : Presentation = 10 marks

E. Scheme of Evaluation

1.Continuous Internal Evaluation (CIE) Scheme: 50 Marks

Components	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

2. Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50 Marks)

Section	Number of Questions	Number of Questions to be attempted	Marks/ Question	Total Marks for the Section	Bloom's (Modified) Taxonomy Level
A	7	5	3	15	L2
B	7	5	8	40	L2, L3
C	4	3	15	45	L3, L4

F. CO-PO-PSO Mapping

School of Management
BBA

CO	PO				PSO	
	1	2	3	4	1	2
1	3	1	2	1	3	2
2	1	2	3	2	2	3
3	2	3	1	2	1	2
4	1	2	1	3	3	2
5	2	1	3	2	3	1

Principles of Tourism & Hospitality

A. Course Framework

Credits: L-T-P-C: 2-1-0-3	Syllabus Version: 1

Contact Hours / Week: 3	Total Contact Hours: 45	Level: 200

Prerequisite: (If applicable)	_

Course Learning Objectives:

CLO1: To make students identify the various sectors of tourism and hospitality.

CLO2: To infer on types of tourism and its impacts.

CLO3: To explain the travel and tour operations.

CLO4: To describe the hotel classification types and core department functions.

CLO5: To elaborate the food & Beverage sector business attributes and segments.

Course Outcomes: On successful completion of the course, Students will be able to,

CO1: Understand and recall the basic concepts of tourism and identify various types of tourism. (L 2).

CO2: Explain the significance and socio-economic impacts of different types of tourism on destinations and communities. (L 2).

CO3: Apply knowledge of travel and tour operations to design a sample travel itinerary. (L 3).

CO4: Analyze the historical development of the hotel industry and assess the factors influencing hotel classifications. (L 4).

CO5: Evaluate various catering sectors and propose improvements for enhancing customer experience in a selected segment. (L5).

PO: PO1/PO2/PO3/PO4　　　　　　　　　　　　　　　　　**PSO**: PSO1/PSO2

B. Syllabus

Module :1: Front Office Management	Hours: 9

Introduction to Front Office Operations – Structure, functions, and coordination with other departments.

Guest Cycle & Reservation Process – Pre-arrival, arrival, stay, departure, and post-departure procedures.

Registration & Check-in Procedures – Walk-ins, corporate guests, group check-ins, VIP handling. Front

Office Accounting & Billing – Payment methods, folios, night auditing, and settlement. Guest Services & Handling Complaints – Concierge services, upselling, Latest technology-CRS, digital check-in, mobile key systems. Yield & Revenue Management – occupancy calculations. Guest privacy, emergency handling.

Case Study & Role Play – Simulating check-in/out scenarios and handling guest complaints.

Module :2: Food & Beverage Service Management	Hours: 9

Introduction to F&B Service – Types of food service outlets, responsibilities of service staff.
Restaurant Service Techniques – American, French, Russian, Silver service and Buffet service styles.
Beverage Service & Bar Operations – Alcoholic and non-alcoholic beverages-
Menu Planning - Types of menus, menu costing, pricing strategies. Banquet & Event Management – Types of banquets, buffet setup, outdoor catering.
F&B Cost Control & Inventory Management – Food cost percentage, waste management, stock control.
Hygiene, Safety & Sanitation – HACCP, food safety laws, hygiene protocols.
Case Study.

Module :3: Housekeeping Operations	Hours: 9

Introduction to Housekeeping Operations – Importance, functions, coordination with other departments.
Guestroom Cleaning & Maintenance – Cleaning checklists, deep cleaning procedures.
Public Area Maintenance – Lobby, corridors, washrooms, pool areas, and banqueting halls.
Linen & Laundry Management – Linen cycle, washing procedures, guest laundry handling.
Housekeeping Inventory & Supplies – Stock management, procurement, and budget control.
Pest Control & Safety Measures – Identifying infestations, safe chemical usage, waste disposal.
Housekeeping Automation & Technology – Smart housekeeping, software applications, robotics.
Sustainability in Housekeeping – Eco-friendly products, water conservation, green practices.

Module :4: Introduction to Hospitality Sales & Marketing	Hours:9

Hotel Sales & marketing Concepts, importance, and trends.
Market Segmentation & Targeting – Business, leisure, MICE, online travel agents (OTAs).
Digital Marketing in Hospitality – Social media marketing, SEO, PPC, influencer marketing.
Sales Strategies & Techniques – Upselling, cross-selling, direct sales, corporate sales.
Branding & Positioning in Hospitality – Differentiation strategies, customer perception.
Revenue Management & Pricing Strategies – Demand forecasting, rate parity, dynamic pricing.
Distribution Channels & Online Booking Systems – GDS, OTAs, metasearch engines.
Guest Loyalty & Retention Programs – CRM, reward programs, guest engagement strategies.
Case Study & Project Work – Analyzing a hotel's marketing strategy and proposing improvements.

Module :5: Information Technology in Hotel Industry	Hours: 8

Introduction to Hotel IT Systems – Role of IT in hotel operations, PMS overview.

Property Management Systems (PMS) – Opera, IDS, Cloudbeds, room reservations, guest data management.   Customer Relationship Management (CRM) in Hospitality – Guest preferences, loyalty management.   Point of Sale (POS) Systems in F&B – Digital ordering, mobile POS, self-service kiosks.   Revenue & Data Analytics in Hospitality – AI in revenue forecasting, demand trends.   Smart Hotels & Automation – IoT, mobile check-ins, keyless entry, smart room controls.   Cyber security & Data Privacy in Hospitality – Protecting guest data, compliance with regulations.   E-commerce & Online Booking Systems – Direct booking strategies, website optimization.

C. References

Kasavana, M. L., & Brooks, R. M. (2017). Managing Front Office Operations Percy K Singh(2020)

Introduction to hospitality Management, kanishka publishers, 1st Edition, ISBN-No.9789389484700

John R Walker(2017) Introduction to hospitality, Pearson Publishers, 7th Edition.

Singaravelavan, R. (2016). Food and Beverage Service (2nd ed.). Oxford University Press.

Raghubalan, G., & Smirti Raghubalan, S. (2023). Hotel Housekeeping: Operations and Management (4th ed.). Oxford University Press.

Hayes, D. K., & Miller, A. A. (2016). Hotel Operations Management (3rd ed.). Pearson.

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D. Mode of Assessment

IAT / CCE / SEE

CCE 1 : Business Simulation =10 marks

CCE 2 : Case/ Role Play = 10 marks

CCE 3 : Field Work = 10 marks

E. Scheme of Evaluation

1.**Continuous Internal Evaluation (CIE) Scheme: 50 Marks**

Components	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

2. Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50 Marks)

Section	Number of Questions	Number of Questions to be attempted	Marks/ Question	Total Marks for the Section	Bloom's (Modified) Taxonomy Level
A	7	5	3	15	L2
B	7	5	8	40	L2, L3
C	4	3	15	45	L3, L4

F. CO-PO-PSO Mapping

CO	PO				PSO		
	1	2	3	4	1	2	3
1	3	1	2	1	3	1	2
2	1	3	2	1	2	3	1
3	2	1	3	2	1	2	3
4	1	2	1	3	2	1	2
5	2	3	1	2	1		3

63CBLA2011 : Corporate Business Law

A. **Course Framework**

Credits: L-T-P-C: 3-0-0-3		**Syllabus Version: 2**
Contact Hours / Week: 3	**Total Contact Hours: 45**	**Level: 100**
Prerequisite: (If applicable)	**_**	

Course Learning Objectives:

CLO1:The students would be able to deal with the legal aspect of different business situations

CLO2: Students would acquire knowledge about the legal framework and the ways and means to

deal with the legal aspect of different situations of the corporate sector.

CLO3: Student will be able to understand the different forms of partnership and related laws

CLO4: Students will be able to understand about the negotiable instrument acts.

CLO5: Students will be able to understand the Indian Contract act.

Course Outcomes: On successful completion of the course, Students will be able to,

CO1: (L 1).The understand the basic concepts of the provisions of the

Companies Act, 2013 and the Depositories Act, 1996.

CO2: (L1, L 2).To Understand and Analyse the important business laws along with relevant case laws.

CO3: (L 2).Student will be able to understand the different forms of partnership and related laws

CO4: (L 2).Students will be able to understand the Indian Contract act, its parties and laws related to contract act.

PO:PO1/PO2/PO3/PO4
PSO: PSO1/PSO2

B. Syllabus

Module -1: Introduction To Company   Hours:10

Meaning and Definition – Features –, HighLights of Companies Act 2013 – Kinds of Companies (Concept, Definition and Features) – One Person Company, Private Company, Public Company, Company limited by Guarantee, Company limited by Shares, Holding Company, Subsidiary Company, Government Company, Associate Company, Small Company, Foreign Company, Listed Company, Dormant company.

Steps in formation of a Company: Promotion Stage, Meaning of Promoter, Position of Promoter & Functions of Promoter, Incorporation Stage – Meaning, Contents, Forms of Memorandum of Association & Articles of Association and its alteration, Distinction between Memorandum of Association and Articles of Association, Certificate of Incorporation, Subscription Stage – Meaning & contents of Prospectus, Types, Misstatement in prospectus and its consequences.

Module -2: Company Administration And Corporate Meetings   Hours:10

Director (Concept and Definition), Qualification, Disqualification, Appointment, Position, Rights, Duties, Power, Resignation, Liabilities, Removal and Resignation of director, Key Managerial Personnel (Definition, Appointment and Qualifications) – Managing Director, Whole time Directors, the Companies Secretary, Chief Financial Officer, Resident Director, Independent Director, Women director.

Corporate Meetings - Shareholder and Board, Types of Meetings – Annual General Meeting Extraordinary General meeting, Minutes of Proceedings of General Meeting, Meeting of BOD and other meetings (Section 118), Requisite of Valid Meeting- Notice, Agenda, Chairman, Quorum, Proxy, Resolutions, Minutes, Postal Ballot, E- voting, Video Conferencing,

Module -3 The Indian Contract Act, 1872 And Sales Of Goods Act   Hours:12

Contract – meaning, characteristics and kinds, Essentials of a valid contract , Offer and acceptance (Definition, Rules, Communication and Revocation of offer and acceptance), Consideration (Definition, Elements, Types, Rules), "No Consideration No Contract" and its exceptions; Capacity to Parties (Definition and Types) , Consent, Free consent, Coercion, Undue Influence, Fraud, Misrepresentation, Mistake,   Legality of objects and Consideration, Void and Voidable agreements – Definition, Types and Distinction Discharge of a contract – Modes of discharge, Breach and Remedies against breach of contract, Specific Contracts - Contingent contracts, Quasi, Contract of Indemnity, Guarantee, Bailment, Pledges.

Contract of sale, meaning and difference between sale and agreement to sell, Conditions and warranties, Transfer of ownership in goods including sale by a non-owner, Unpaid seller – meaning, rights of an unpaid seller against the goods and the buyer

Module -4: Partnership Laws	**Hours:7**

The Partnership Act, 1932: Definition – Partner, Partnership b. Nature and Characteristics of Partnership - Types of Partners - Registration of a Partnership Firms and consequences of non-registration- Rights and Duties of Partners - Dissolution of firms – meaning and grounds -The Limited Liability Partnership Act, 2008 -Definition -Salient Features of LLP -Advantages and disadvantages of LLP -Differences between: LLP and Partnership, LLP and Company

Module -5: The Negotiable Instruments Act 1881	**Hours:6**

Definition, Features, Types, Parties of Negotiable Instruments: Promissory Note, bill of exchange, Cheque(Definition and Types) - Endorsement: Meaning and Types of Endorsement -Holder and Holder in Due Course, Privileges of Holder in Due Course. - Dishonour of Negotiable Instruments: Modes, Consequences, Notice of Dishonour; Noting and Protesting - Discharge of Negotiable Instruments: Meaning and Modes

C. References

1. Business Law, Garg K.C., Saareen,Sharma, Kalyani Publishers

2. Kumar, R. Legal Aspects of Business, Cengage Learning

3. AroraSushma – Business Law – Taxmann Publication

4. Business Laws: Das & Roy, Oxford University Press

5. Kuchhal, M.C. and VivekKuchhal, Business Law, Vikas Publishing House, New Delhi.

6. Maheshwari&Maheshwari, Business Law, National Publishing House, New Delhi.

7. Business Law - Tejpal Singh, Pearson Publication

D. Mode of Assessment

IAT / CCE / SEE

E. Scheme of Evaluation

1. Continuous Internal Evaluation (CIE): 50 Marks

Components	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

2.   Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50)

Section	No of Questions	No of Questions to be attempted	Marks / Question	Total Marks for the Section	Revised Bloom's Taxonomy
A	7	5	3	15	L2
B	7	5	8	40	L2 & L3
C	4	3	15	45	L3 & L4

F. CO-PO-PSO Mapping

CO-PO-PSO Mapping								

CO	PO					PSO		
	1	2	3	4	1	2	3
1	2	3	0	0	1	1	0
2	0	1	1	3	2	0	0
3	2	0	1	1	0	1	1

| 4 | 3 | 0 | 1 | 1 | 0 | 0 | 0 |
| 5 | 2 | 1 | 1 | 1 | 0 | 0 | 1 |

CPSSF1011: French –Level-1		
A. Course Framework		
Credits: L-T-P-C: 2-0-0-2		**Syllabus Version: 1**
Contact Hours / Week: 2	**Total Contact Hours:30**	**Level: 50**
Prerequisite:(If applicable)	**NIL**	
Course Learning Objectives:		
CLO1: Recognize, understand and pronounce French Phonetics and Alphabets **CLO2**: Introduce Oneself and others in French **CLO3**: Identify and describe various professions in French **CLO4:** Use basic French verbs in simple sentences.		
Course Outcomes: On successful completion of the course, Students will be able to,		
CO1: Introduce themselves and others, and use common French salutations appropriately.(L1,L2) **CO2**: Use polite expressions in French appropriately in social interactions. (L2) **CO3**: Discuss daily activities with improved fluency and accuracy (L3) **CO4**: Identify and use parts of speech correctly in sentences.		
B. Syllabus		
Module:1: Fundamentals of French		**Hours: 6**
French alphabets, numbers, phonetics. Days in a week and months in a year Greeting and introduction – Introducing self and others in French Language.		

Module:2: Description and identification	Hours: 6
Different nationalities in French. Name and describe objects using colours in French. Describe various professions in French.	
Module:3: Everyday Vocabulary and Grammar	**Hours: 6**
Basic French phrases and correctly use common verbs. Describe someone's personality using appropriate vocabulary and adjectives. Verbs and Prepositions Used in Descriptions	
Module: 4: Time, Activities, and Preferences	**Hours: 6**
How to Tell Time in French Sports and Activities in French	

Expressing Preferences and Wishes	
Module: 5: Daily Activities and Review	**Hours: 6**
Listening and speaking skills through interactive audio exercises. Quantifiers in various contexts to express quantities. Use of articles in French Verbs and prepositions to describe actions and locations accurately.	
1. Rochester, Myrna Bell. *Easy French Step-by-Step*. McGraw-Hill, 2008. 2. Lanzer, Harriette. *French Vocabulary Builder*. Oxford University Press, 2001. 3. *Living Language: French, Complete Edition*. Living Language, 2010. 4. Heminway, Annie. *Complete French All-in-One*. McGraw-Hill Education, 2013.	
D. Mode of Assessment	
IAT / CCE / SEE	

E. Scheme of Evaluation

Evaluation

-100 marks

1. **Continuous Internal Evaluation (CIE): 50 Marks**

Component s	Average of 2 IATs	CC E	Total Marks
Max. Marks	20	30	50

2. **Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50 marks).**

Section	No of Questions	No of Questions to be attempted	Marks / Question	Total Marks for the Section	Revised Bloom's Taxonomy
A	12	10	3	30	L2
B	6	5	6	30	L3
C	5	4	10	40	L6

F. CO-PO-PSO Mapping		
CO-PO-PSO Mapping		
	PO	**PSO**

CO	1	2	3	4	5	6	7	8	9	10	1	2	3	4
1	2	1	3	2	3						2	3	2	3
2	1	2	1	2	1						2	1	2	1
3	3	2	2	1	2						1	2	3	2
4	2	2	2	3	1						2	1	2	1
5	1	2	1	2	2						2	1	1	2

1 – Low. 2 – Medium and 3 – High

CPSSF1021: German –Level-1

A.   **Course Framework**

Credits: L-T-P-C: 2-0-0-2		**Syllabus Version: 1**
Contact Hours / Week: 2	**Total Contact Hours:30**	**Level: 50**
Prerequisite:(If applicable)	**NIL**	

Course Learning Objectives:

CLO1: Recognize, understand and pronounce German Phonetics and Alphabets

CLO2: Introduce Oneself and others in German

CLO3: Identify and describe various professions in German

CLO4: Use basic German verbs in simple sentences.

Course Outcomes: On successful completion of the course, Students will be able to,

CO1: Introduce themselves and others, and use common German salutations appropriately.(L1,L2)

CO2: Use polite expressions in German appropriately in social interactions. (L2)

CO3: Discuss daily activities with improved fluency and accuracy (L3)

CO4: Identify and use parts of speech correctly in sentences.

B. Syllabus	
Module:1: Fundamentals of German	**Hours: 6**
German alphabets, numbers, phonetics. Days in a week and months in a year Greetings and introduction – Introduce self and others in German Language.	
Module:2: Description and identification	**Hours: 6**
Different nationalities in German Name and describe objects using colours in German Describe various professions in German	
Module:3: Everyday Vocabulary and Grammar	**Hours: 6**
Basic German phrases and correctly use common verbs. Describe someone's personality using appropriate vocabulary and adjectives. Verbs and Prepositions Used in Descriptions	
Module: 4: Time, Activities, and Preferences	**Hours: 6**
How to Tell Time in German Sports and Activities in German	

Expressing Preferences and Wishes	
Module: 5: Daily Activities and Review	**Hours: 6**
Listening and speaking skills through interactive audio exercises. Quantifiers in various contexts to express quantities. Use of articles in German Verbs and prepositions to describe actions and locations accurately.	

Text Books
Koithan, Ute, Helen Schmitz, and Tanja Sieber. Aspekte neu B1. Klett, 2014. Swick, Ed. Easy German Step-by-Step. McGraw-Hill, 2014. Durrell, Martin. Hammer's German Grammar and Usage. Routledge, 2016. Perlmann-Balme, Michaela, and Susanne Schwalb. EM Neu 2008 Brückenkurs B1+. Hueber Verlag, 2008.

D. Mode of Assessment
IAT / CCE / SEE

E. Scheme of Evaluation

Evaluation -100 marks

    1. **Continuous Internal Evaluation (CIE): 50 Marks**

Compone nt s	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

    2.   **Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50 marks).**

Secti o n	No of Questions	No of Questions to be attempted	Marks / Question	Total Marks for the Section	Revised Bloom's Taxonom y
A	12	10	3	30	L2
B	6	5	6	30	L3
C	5	4	10	40	L6

F. CO-PO-PSO Mapping

	CO-PO-PSO Mapping														
CO	**PO**										**PSO**			
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**1**	**2**	**3**	**4**
1	3	2	3	1	2						3	2	2	1
2	2	1	2	1	3						1	2	3	2
3	1	3	2	1	2						2	1	2	1
4	1	3	2	3	1						2	1	2	3
5	2	2	1	1	2						2	2	1	1

1 – Low. 2 – Medium and 3 – High

CPSSF1041: Spanish –Level-1
A. Course Framework

Credits: L-T-P-C: 2-0-0-2		**Syllabus Version: 1**
Contact Hours / Week: 2	**Total Contact Hours:30**	**Level: 50**
Prerequisite:(If applicable)	**NIL**	

Course Learning Objectives:
CLO1: Recognize, understand and pronounce Spanish Phonetics and Alphabets   **CLO2**: Introduce Oneself and others in Spanish   **CLO3**: Identify and describe various professions in Spanish   **CLO4:** Use basic Spanish verbs in simple sentences.
Course Outcomes: On successful completion of the course, Students will be able to,
CO1: Introduce themselves and others, and use common Spanish salutations appropriately.(L1,L2)   **CO2**: Use polite expressions in Spanish appropriately in social interactions. (L2)   **CO3**: Discuss daily activities with improved fluency and accuracy (L3)   **CO4**: Identify and use parts of speech correctly in sentences.
B. Syllabus
Module:1: Fundamentals of Spanish   **Hours: 6**

Spanish alphabets, numbers, phonetics. Days in a week and months in a year Greeting and introduction – Introducing self and others in Spanish Language.	
Module:2: Description and identification	**Hours: 6**
Different nationalities in Spanish. Name and describe objects using colours in Spanish. Describe various professions in Spanish.	
Module:3: Everyday Vocabulary and Grammar	**Hours: 6**
Basic Spanish phrases and correctly use common verbs. Describe someone's personality using appropriate vocabulary and adjectives. Verbs and Prepositions Used in Descriptions	
Module: 4: Time, Activities, and Preferences	**Hours: 6**
How to Tell Time in Spanish Sports and Activities in Spanish	

Expressing Preferences and Wishes	
Module: 5: Daily Activities and Review	**Hours: 6**
Listening and speaking skills through interactive audio exercises. Quantifiers in various contexts to express quantities. Use of articles in Spanish Verbs and prepositions to describe actions and locations accurately.	
Text Books	
1. Kendris, Christopher. *501 Spanish Verbs*. Barron's Educational Series, 2018. 2. Howkins, Angela, and Juan Kattán-Ibarra.	

3. DK. *Spanish-English Bilingual Visual Dictionary*. DK, 2017. 4. Richards, Olly. *Spanish Short Stories for Advanced Learners*. John Murray Learning, 2019.	**Evaluation -100 marks 1. Continuous Internal Evaluation (CIE): 50 Marks**
D. Mode of Assessment	
IAT / CCE / SEE	
E. Scheme of Evaluation	

Compone nt s	Average of 2 IATs	CCE	Total Marks
Max. Marks	20	30	50

2. Semester End Examination (SEE) Scheme: 100 Marks (Scaled down to 50 marks).

Secti o n	No of Questions	No of Questions to be attempted	Marks / Question	Total Marks for the Section	Revised Bloom's Taxonom y
A	12	10	3	30	L2
B	6	5	6	30	L3
C	5	4	10	40	L6

F. CO-PO-PSO Mapping														
CO-PO-PSO Mapping														
	PO										**PSO**			
CO	1	2	3	4	5	6	7	8	9	10	1	2	3	4
1	3	1	2	1	3						3	1	2	1
2	2	1	3	2	2						2	2	3	1
3	2	2	2	2	2						1	2	2	1

4	1	1	2	3	2					1	1	2	2
5	2	3	2	1	1					2	2	2	3

1 – Low. 2 – Medium and 3 – High

CPSAL1101: Functional-Kannada		
A. Course Framework		
Credits: L-T-P-C: 2-0-0-2		**Syllabus Version: 1**
Contact Hours / Week: 2	**Total Contact Hours:30**	**Level: 100**
Syllabus Link	2024-Functional Kannada-CPSAL1101.pdf	

CPSAL1091: Functional-Hindi		
A. Course Framework		
Credits: L-T-P-C: 2-0-0-2		**Syllabus Version: 1**
Contact Hours / Week: 2	**Total Contact Hours:30**	**Level: 100**
Syllabus Link	2024-Functional Hindi- CPSAL1091-pdf.pdf	

FUNCTIONAL ENGLISH
Course Code: CPSAL1111
Batch:2024

A. Course Framework	

Credits: L-T-P-C:2-0-0-2	Syllabus Version: 2.0

Contact Hours / Week-2	Total Contact Hours: 30	Level: 100

Prerequisite:(If applicable)	Knowledge on English Language

Course Learning Objectives:

CLO1: To develop language skills (LSRW)

CLO2: To develop usage of Functional

English.

CLO3: To explore the history of ideas in developing vocabulary and paraphrasing. CLO4: To discover Narrative writing through analytical thinking.

Course Outcomes: On successful completion of the course, Students will be able to:

CO1: Define Social Values and Critical Thinking skills (L1)

CO2: Compare the poetical terms and integrate creative ideas in the English Language. (L2)

CO3: Develop vocabulary and interpret in one academic and professional life.(L2)

CO4: Develop skills of comprehension and analytical skills to improve their language proficiency. (L3) CO5: Construct sentences to improve their Verbal Skills.(L3)

B. Contents:

Module:1:	**Hours-06**
Vocabulary Development	

1. Concept of Word Formation	
2. Identifying meanings using prefixes and suffixes to the root word	
3. One word substitutes	
Module: 2	**Hours-06**
Essentials of Grammar	
1. Understand basic grammar-Parts of speech 2. Synonyms and Antonyms	

3. Collocations used to get meaningful sentence	
Module: 3	**Hours-04**
Comprehending	
1. Answering the given passage 2. Developing a story with the given hints.	
Module: 4	**Hours-06**
Creative Thinking	
1. Cloze Test 2. Verbal Analogy 3. Sentence structure: Jumbled words to form sentences; Jumbled sentences to form paragraph	
Module: 5	**Hours-08**
Theme Extraction from short stories	
1) Subha – by Rabindranath Tagore 2) The Only American from our village- by Arun Joshi	
C. References:	

1.   https://englishpuff.blogspot.com/2014/05/text-of-only-american-from-our-village.html
2. https://www.englishliterature.info/2021/04/subha-story-by-rabindranath-tagore.html
3. https://www.poetryfoundation.org/poems/44266/mending-wall
4.   https://www.poetryfoundation.org/poems/43671/the-little-black-boy
5.Essential Eng. Grammar Paperback – 12 January 2000- by Raymond Murphy

D. Mode of Assessment
IAT/CCE&SEE

CMR UNIVERSITY

E. Scheme of Evaluation	1. Continuous Internal Evaluation (CIE):

25 Marks

Components	Average of 2 IATs	CCE	Total Marks
Max Marks	10	15	25

2. Semester End Examination (SEE) Scheme: 50 Marks (Scaled down to 25 Marks)

Section	No. of Questions	No. of Questions to be attempted	Marks/Question	Total Marks for the Section	Revised Bloom's Taxonomy
A	5	4	3	12	L1, L2
B	4	3	6	18	L2, L3
C	3	2	10	20	L3

CMR UNIVERSITY

Course Code: CPSAD1013 Course Name: Design Thinking		
A.　　Course Framework		
Credits: L-T-P-C: 2-0-0-2		**Syllabus Version: 3.0**
Contact Hours / Week: 2	**Total Contact Hours: 30**	**Level: 100**
Prerequisite: (If applicable)	**NA**	
Course Learning Objectives:		
CLO 1: Introduce students to the principles and processes of design thinking **CLO 2:** Introduce research methods and tools to effectively gather insights from stakeholders. **CLO 3:** Introduce problem reframing techniques to uncover root causes and identify opportunities for innovation. **CLO 4:** To equip students with techniques in innovative thinking and brainstorming.		
Course Outcomes: On successful completion of the course, Students will be able to,		
CO1: Implement design thinking methodologies to identify and address complex problems.**(Level 3)** **CO2:** Empathize with users and stakeholders to understand their needs effectively.**(Level 2)** **CO3:** Generate innovative ideas by engaging in ideation and prototyping processes**(Level 5)** **CO4:** Effectively communicate solutions using pitching techniques. **(Level 4)**		
B.　　Syllabus		
MODULE 1: Introduction to Design Thinking | Hours: 3		
Introduction to Design, Introduction to Design Thinking Process, Introduction to Design Thinking Mindsets ,Current ways of problem solving techniques, Design Thinking applied for a specific field.		
MODULE 2 : | EMPATHIZE PHASE | Hours: 9		

Introduction to Empathy, The use of empathy in problem solving, Importance of Understanding user needs in Designing Products, Services And Experiences.

Design Research tools and techniques, Primary Research, Secondary Research, Field Observation, Understanding user needs through Interview, Stakeholder Mapping, Understanding Personas, Empathy Mapping, Journey Mapping, Research Presentation and Feedback.

MODULE 3 : | DEFINE PHASE | Hours: 3

Zooming into a Problem, Reframing the Problem statement, Root cause analysis, The 5 Whys, 'How Might we' statement, converting problems into opportunities.

MODULE 4 : | IDEATE PHASE | Hours: 3

The Big Flip: An Ideal Scenario, Introduction to Brainstorming Techniques, using brainstorming methodologies to effectively ideate. Generating Ideas- Quantity over quality. Evaluating ideas to prototype - Desirable, Viable and Feasible framework.

MODULE 5 : | PROTOTYPE PHASE | Hours: 3

Foundations of Prototyping, Importance and relevance of prototyping in Design Thinking, Prototyping Methods, Low fidelity and High Fidelity Prototype, Building an Minimum Viable Product (MVP)

MODULE 5 : | TESTING PHASE | Hours: 9

Introduction to testing, methods of testing solutions, Tools for capturing user feedback, documenting and analyzing user feedback, Elevator Pitch, Effectively pitching solutions through Storytelling

C.	References

- Brown, T., & Katz, B. (2009). Change by design: how design thinking transforms organizations and inspires innovation. [New York]: Harper Business

- Lockwood, T. (2009). Design thinking: Integrating innovation, customer experience and brand value.

- Norman, D. A. (2013). The design of everyday things. MIT Press.

- Lewrick, M., Link, P., & Leifer, L. (2018). The Design Thinking Playbook: Mindful Digital Transformation of Teams, Products, Services, Businesses and Ecosystems. John Wiley & Sons.

D.	Mode of Assessment:

CIE (50) = CCE (40) + IAT (10)

CCE : (40 Marks)

Students Submit or present as a group assignments based on the following,

CCE 1: Identify problem + Stakeholder Map (10 Marks)

CCE 2: Design Research Presentation + How Might we (10 Marks)

CCE 3: Ideate and evaluate (10 Marks)

CCE 4: Pitch Presentation for Final solution (10 Marks)

IAT : (10 Marks)

IAT 1 MCQ

(i) What is Design Thinking and steps involved

(ii) Basics of Design Research

IAT 2 MCQ

(i) Analysis of Design Research	
(ii) Basics of Prototyping, Testing and Feedback	
Average of both IATs (out of 10) to be considered in final grading.	

E. Scheme of Evaluation

Mode of Assessment: CIE (IAT + CCE)

Assignments/ Deliverables: 50 Marks

Regular documentation and presentation of the Design Thinking Process (CCE 1,2)

Weightage: 50 Marks (25 x 2)- reduced to 25

Students test the prototype, get external and internal feedback and present the final Project to an invited jury Weightage: 50 Marks - reduced to 25

Scheme of Evaluation : 50 Marks (CIE)

1.　　　**Continuous Internal Assessment (CIE) : 50 Marks**

2. Sem End Exam - Presentation to external Jury : 50 Marks

Components	Marks	Total Marks	
CCE 1	25	25 (reduced from 50)	
CCE 2	25		
SEE	50	25 (reduced from 50)	
TOTAL MARKS		50	

CO-PO Mapping												
CO	**PO**											
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1	-	3	2	2	2	-	-	-	3	2	2	2
2	-	3	3	1	3	-	-	-	3	2	-	-
3	-	-	3	3	2	-	-	-	3	2	2	3
4	-	-	-	-	2	-	-	-	3	3	2	3

1 – Low. 2 – Medium and 3 – High

CKSAM1051: Indian Constitution

A. Course Framework

Credits: L-T-P-C: 2-0-0-2		**Syllabus Version: 1.0**
Contact Hours / Week: 2	**Total Contact Hours: 30**	**Level: 100**
Prerequisite: (If applicable)	**NA**	

Course Learning Objectives:
01: To establish a sense of responsibility to uphold the freedoms of this diverse, secular country 02: To create curiosity to explore India's rich history. 03: To create a desire to contribute to the country in small and big ways. 04: To gain an appreciation for the workings of the world's largest democracy. 05: To build the habit of researching and articulating their points of view. 06: To imagine hypothetical and alternate histories and presents to enable deeper understanding of the impact of history and democracy.

Course Outcomes: On successful completion of the course, Students will be able to,
01: Study a particular event in Indian history and trace the impact that can be felt to the present day. 02: Understand the impact of the way a democracy is structured. 03: Understand the freedoms that a citizen of India has, and what those mean in daily life. 04: Understand the duties of an Indian citizen and how they translate to daily life. 05: Gain an understanding of the workings of the government in their residential locality. 06: Trace the impact of a single vote from their area of residence to the national scale. 07: Understand the Indian democratic process and their role in it. 08: Identify ways in which they can contribute to the progress of the country.

B. Syllabus

Module:1: From Princely States to One Country	**Hours: 6**
Gaining independence - The complexity of integration - Partition - Student discussion: Factors of Complexity - The continued impact	

Module:2: World's Largest Democracy	Hours: 5
History of the right to vote in India - 2019 national election - Two houses of parliament - Student discussion: Roots of Democracy	
Module:3: Global Systems of Democracy	**Hours: 5**
Direct and Representative Democracies - Structure of a democracy - Student discussion: Re-imagining India's Democracy	
Module:4: Local Democracy	**Hours: 5**
State government - Your vote	
Module:5: Rights, Duties and Personal Responsibility	**Hours: 4**
Constitutional rights - Constitutional duties - Translating into action	
Final - Contributing to Social Change	**Hours: 5**
Social issue of choice: Research into context and opportunities for personal contribution	

C. References

1. The Story of the Integration of the Indian States - V.P. Menon (1956)

2. The Road to India's Partition - Haimanti Roy; The Conversation (2018)

3. Karnataka Information Election System

4. Mocomi - Indian Freedom Struggle

5. Mocomi - Indian Independence: 1947

6. Animated Lessons - The Princely States of India

7. TRT World: India-Pakistan partition explained

8. Garvita Sethi: From Lahore to New Delhi - Curfew, Gunshots and Run for Life - 1947 Partition

Stories

9. Brut - Does everyone have a right to vote? Dhruv finds out

10. Indian Express Online: Facts about the First Election in Independent India

11. Rajya Sabha tv: History of elections in India

12. Vox: How India runs the world's biggest election

13. Global News: India Lok Sabha election 2019: How the world's largest democracy votes

14. Eclectic: Indian parliament explained in 5 minutes

15. Scroll.in: How is a Rajya Sabha MP elected?

16. MinuteVideos: Democracy

17. United 4 Social Change: Representative vs. Direct Democracy

18. SWI: Switzerland's direct democracy

19. The School of Life: Why Socrates Hated Democracy

20. ThinkNovus: Voting Systems - Best in the World

21. CGP Grey: The Problems with First Past the Post

22. CGP Grey: The Alternative Vote

23. CGP Grey: Mixed-Member Proportional Representation Explained

24. CNBC International: How do German elections work?

25. Amit Sengupta: How State Government Works

26. Exambin: Fundamental rights in the Indian Constitution

27. Exambin: Fundamental Duties of Indian Citizen

D. Mode of Assessment

IC/DPS	IAT					CCE				CIE	SEE		Total
Evaluation	IAT-1	IAT-1 Scaled Down	IAT-2	IAT-2 Scaled Down	Average IAT [(B+D)/2]	CCE-1	CCE-2	CCE-3	Total CCE (F to H)	CIE (IAT + CCE) (E + I)	SEE	SEE Scaled Down	Grand Total (J + L)
Column Identifier	A	B	C	D	E	F	G	H	I	J	K	L	M

>												
Max. Marks	20	10	20	10	10	5	5	5	15	25	50	**25**	**50**

CIE : IAT/CCE &SEE

E.　Scheme of Evaluation

GR Course Syllabus

GPSDR1091 : Personality Development	
A. Course Framework	
Credits: L-T-P-C: GR	**Syllabus Version: 2.0**
Contact Hours / Week: 2 hours per week	**Total Contact Hours: 15 hours** **Level: 100**
Prerequisite:(If applicable)	**NIL**
Course Learning Objectives:	
CLO1: To develop self-awareness among students to help them maintain a positive mindset towards their professional and personal growth CLO2: To create an awareness on the process of goals and goal setting, for both personal and professional development. CLO3: To build confidence among students to acquire the skills for an easier transition from Campus to the Corporate world. CLO4: To relate how social and emotional intelligence helps in enhancing their professional success.	
Course Outcomes: On successful completion of the course, Students will be able to:	
CO1:Identify their personal strengths, weaknesses, and interests to develop a practical career plan. [Level 3] CO2: Develop a well defined career objective aligned with their chosen career trajectory [Level 3] CO3: Demonstrate their own understanding of 21st century skills critically, to identify their areas of strengths and weaknesses, and work on them consciously [Level-3]. CO4:Compare and contrast different strategies for regulating and managing emotions and evaluate the impact of emotions on personal and professional relationships [Level-4].	
B. Syllabus	

Module:1: Personal Empowerment	Hours: 6 hours

- Self Awareness: Knowing Self, Self Concept, Johari Window, SWOT Analysis and Self-reflection
- Positive Attitude + Growth Mindset: Fixed Mindset and Growth Mindset, Upskilling, Practicality and knowing your strength

Clarity - Goal Setting, Learning styles:Career Pathways (Jobs, Higher Education, Research and Entrepreneurship),Career Planning,Skill Mapping, Use of SMARTER techniques to create goals, Goal Handbooks

Module:2 : Essential Skills	Hours: 7 hours

- Time Management, Importance of time management,Prioritising and scheduling,Various strategies to Manage Time for better productivity,
- Explore 21st century skills: Understand what are 21st century skills and competences, and how they can be applied across various spheres of professional life (3L model- Learning, Literacy-CRAAP Test and Life skills)

Public Speaking : Understanding Public Speaking, Overcoming Public Speaking Fear, Requirements and Preparation for Public Speaking,Techniques for Engaging Speech Delivery

Module: 3 : Emotional Mastery	Hours: 2 hours

Emotional Intelligence,Domains of Emotional Intelligence   Empathy; Social Emotional Intelligence; Application of Emotional IntelligenceI at workplace and personal relationships.

C. References

1. James Bellanca & Ron Brandt (Editors). (2010). 21st Century Skills: Rethinking How Students Learn. Solution Tree.

2. Bernie Trilling & Charles Fadel. (2009). 21st Century Skills: Learning for life in our times. Jossey- Bass. A Wiley Imprint.

3. Daniel Goleman. (2009). Emotional Intelligence: Why it can matter more than IQ. HarperCollins

4. Travis Bradbury & Jean Greaves (2007). Emotional Intelligence 2.0. TalentSmart, CA USA

5. Duckworth, A. L., & Seligman, M. E. P. (2017). The science and practice of self-control. Perspectives on Psychological Science, 12(5), 715-718.

6. Hofmann, W., Schmeichel, B. J., & Baddeley, A. D. (2012). Executive functions and self-regulation. Trends in Cognitive Sciences, 16(3), 174-180.

7. Baumeister, R. F., & Heatherton, T. F. (1996). Self-regulation failure: An overview. Psychological Inquiry, 7(1), 1-15.

Adele B. Lynn & Janelle R. Lynn (2009). The Emotional Intelligence Activity Kit. Amacom, USA

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	CCE (2 sets of MCQ's for 25 each)		Remarks
Mode of Assessment :			
D. Continuous Internal Evaluation (CIE)			
E. Scheme of Evaluation **Components: CIE (CCE)**			

	CCE (2 sets of MCQ's for 25 each)		Remarks
Evaluation	**CCE-1**	**CCE-2**	**Grand Total (A+B)**
Column Identifier >	**A**	**B**	**C**
Max. Marks	25	25	**50**

Preparing for Aptitude Tests [UG-1/3]	
A. Course Framework	**Course code: GPSBA1052**
Credits: L-T-P-C: NA – Graduate Requirement (GR)	**Syllabus Version: 2.0**
Contact Hours / Week: 2	**Total Contact Hours: 30**	**Level: 100**
Prerequisite: (If applicable)	**NA**

Course Learning Objectives:

O1: To build competence in aptitude skills (Quantitative, Logical Reasoning, and Verbal Ability). O2: To improve upon the aptitude skills of the students to ace such tests in the future.

O3: To develop problem-solving abilities essential for employment.

O4: To support students' transition from Campus to the Corporate environment.

Course Outcomes: On successful completion of the course, Students will be able to,

O1: Determine the calculation techniques for quick calculations and manipulation of numbers.

O2: Apply the concepts of percentages, exponents, ratios, proportions, and averages for computing simple, compound interests and to calculate class /set relationships.

O3: Solve problems of various arrangements (Circular and Linear).

O4: Analyze the different graphs and interpret their specific components by solving

problems. O5: Improve their grasp of English grammar to understand problems relating to

verbal ability.

B. Syllabus

Module:1:	**Hours: 6**

Calculation Techniques

1) Multiplication techniques- Base method, Vedic multiplication, and Complementary multiplication.

2) Subtraction from 100/1000/10000

3) Multiplication of a number with a series of 9s

3) Multiplication of a number from 11 to 19 and by 111

5) Computing squares, square roots, cube, and cube roots

6) Fraction comparison

7) Percentage calculation (Percentage-Fraction equivalence method)

8) Approximation

Module:2:	Hours: 6

Number System

1) Classification of numbers

2) Problems based on understanding of divisibility rules

3) Problems in LCM and HCF of natural numbers and fractions

4) Understanding Multiples and factors of numbers

5) Power Cycle concept

6) Remainder theorem and its application

Module:3:	Hours: 6

Percentage and its Applications, Ratio, Proportion, Variation & Partnership

1) Calculation of percentage and fraction equivalence

2) Percentage change or percentage increment and decrement'

3) Problems based on Profit, Loss and Discount

4) Problems based on Simple Interest and Compound Interest

5) Understanding ratios

6) Problems based on compounding of ratios

6) Comparison of ratios

7) Applications based on equal ratios

8) Concepts & problems involving direct, inverse, and joint variation

9) 10) Problems based on the distribution of profits in a partnership

Module:4:	Hours: 6

Logical Reasoning- Seating Arrangements, Direction Sense

1) Understanding the difference between Linear Arrangement and Circular Arrangement

2) Problems based on Linear Arrangement, Circular Arrangement, and Square Arrangement

3) To find the shortest distance between points using Pythagoras

4) To create a schematic diagram based on a description

5) Short puzzles based on direction sense

Puzzles based on shadow concept

Module:5:	Hours: 6

Data Interpretations

1) Types of representation of data

Interpreting various graphs like line, pie, bar, table, etc.

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C. References
1. Guha, A. (2016). *Quantitative Aptitude for Competitive Examination*. Tata McGraw-Hill.
2. Wren & Martin. (2017). *High School Grammar and Composition.* S-Chand Publishing.
3. Gupta, A.K. (2016). *Logical and Analytical Reasoning*. Ramesh Publishing House.
4. Aggarwal, R.S. (2017). *Quantitative Aptitude for Competitive Examination*. S-Chand Publishing.
5. Arun Sharma & Meenakshi Upadhyay. (2011). *How to Prepare for Verbal Ability and Reading Comprehension*. McGraw Hill

D. Mode of Assessment
CIE: IAT/CCE

E.Scheme of Evaluation

GR Courses (PAT / PATL)	IAT	CCE						CIE		Total
Evaluation	IAT	CCE-1	CCE-2	CCE-3	CCE-4	CCE-5	Total CCE (B to F)	CIE (IAT + CCE) (A + G)		Grand Total (H + I)
Column Identifier >	A	B	C	D	E	F	G	H	I	J
Max. Marks	NA	10	10	10	10	10	50	50	NA	50

Interdisciplinary Courses

The IDE Syllabus is attached herewith.

https://docs.google.com/document/d/1108OrePiFu4svTh4A7jkv4ik4vU3p_tRTAZbonS60DI/edit

CURRICULUM GLOSSARY

Credit Distribution: Allocation of credits under lecture (L), tutorials (T), and practicals (P) viz. L-T-P-C. Eg. A 4 credit course has a credit distribution as 3-0-1-4 implying 3 credits for lecture and 1 credit for practicals and total of 4 credits

Program Core (Credit Courses):

Each academic programme is divided into mandatory and choice segments, with levels within them. Mandatory segments are those which lay a firm foundation of the knowledge required to complete a programme in the chosen domain, ending with a multifaceted assignment that serves as a culminating academic and intellectual experience for students, typically during their final year. Choice segments are those which a student could opt for to specialize further and / or to improve their interdisciplinary skills. All segments carry credits, and the students are expected to earn the minimum number of credits in their coursework towards program core during their academic programme. The Program Core courses are categorised as follows:

a. Foundation: A core course that must be satisfactorily completed in order to complete the requirements of the program. It lays the foundations for higher level courses. A foundation course assures that students are academically and personally ready to progress their degree. The foundation courses are further categorised as follows:

i. Fundamental: A required course you have to complete in order to enroll in a more advanced course. The prerequisite course usually teaches the basic information necessary to succeed in the more advanced course. It is the most basic or most important course on which other courses depend.

ii. Intermediate: Courses that are suitable for learners with some degree of skill or competence in that particular discipline area of study

iii. Advanced: Courses that involve higher and more complex levels of knowledge and understanding than introductory or foundational learning. It means the student has attained a level of knowledge and understanding of a particular area or topic that goes beyond basic terminology and definitions and is ready to be involved in Analysis, Synthesis and Evaluation of information related to a specific topic or area of learning.

b. Elective: A course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course. Elective courses can fall either under specialization or general category.

i. General: Courses that are designed to develop learners' general knowledge, skills and attitudes, often to prepare students for more advanced education programmes. General courses complement the more specialised learning undertaken in a student's chosen field of study and contributes to the flexibility which graduates are increasingly required to demonstrate.

ii. Specialization: A set of related courses which are structures for students to achieve specific learning outcomes. Specialisations can be in a single discipline or multi-disciplinary. Specialization courses is a specified sequence of courses that equips one with specialised knowledge in one's discipline

c. Interdisciplinary: These are courses that are entirely outside of the program of study. One may take the course from other disciplines, as long as one meet the course requirements (prerequisites)

d. Mini Project: A mini project is considered as a special course involving application of knowledge gained from studying a particular discipline or a particular area of the program of study in solving / analyzing /exploring a real life situation / difficult problem. A process that fosters learners' engagement in studying authentic problems or issues centred on a particular project, theme, or idea. This process is inquiry-based, outcome-oriented, and associated with conducting the curriculum in real-world contexts.

e. Internship: An internship is a full-time or part-time work experience during the program study for which one earns course credit and may be paid or considered as volunteer work. Internships allow students to gain real-world experience, determine if they have an interest in a particular career and create a network of professional contacts.

g. Dissertation: An elective course designed to acquire special / advanced knowledge, which a student studies on his own with an advisory support by a faculty member. Dissertation is an ordered and critical exposition of existing knowledge in any field or part of a field of study and is expected to provide a good training for the student in R&D work and technical leadership.

g. Capstone project: A final course in a sequence of courses that provides an opportunity for students to integrate the knowledge and skills they have acquired. The learning outcomes of the capstone will normally map into the learning outcomes for the program. It is a substantial, compulsory project that consolidates one's learning and demonstrates that one has acquired the necessary skills and knowledge during the program of study. One usually completes it during the final year of your course.

Common Core (Credit Courses):

Students are expected to earn a certain specified number of credits in their coursework towards Common Core, during their academic programme. While some courses are in workshop mode, which can be completed over a few days at a stretch, there are other courses which are offered for a few hours per week throughout a semester. Students take these courses planned for each academic programme, over multiple semesters. Credits range from 1 to 4, which are directly proportional to the number of hours required to complete a course. There are both 'mandatory' and 'choice' courses, with levels within them.

Common Core (Non – Credit): Graduate Requirement:

Engagements under this category do not carry credits but are mandatory for the students to complete them during the academic programme, to be considered eligible to graduate / earn the degree.
These could be:
1. **Courses** embedded in the academic programme, where the students must ensure that they attend a minimum of 75% of the classroom hours and meet the assessment criteria, if any.
2. **Community Service activities** under which the students have to log a minimum number of hours in a semester by rendering certain prescribed services to the society and collect evidence from the concerned authority for having done so. A reflective presentation on the learning and experience gained, together with the impact on the society has to be submitted on completion of the required no. of hours as per the respective program.

Courses under various categories can be further classified as:

100 Level Courses: These courses offer an introduction to a subject area and are designed for students in the first year of study. These courses have no prerequisites and are generally courses defining basic concepts or presenting the terminology of a discipline

200 Level Courses: These courses are built on previous units and are normally taken in the second year or later; they may also be available to students with advanced prior knowledge. They are Courses of intermediate college-level difficulty; courses with 100-level course(s) as prerequisite(s)

300 Level Courses: These courses are usually taken in third year or later, after 200-level study in the area. They may also be available to students with advanced prior knowledge. They are courses of advanced college-level difficulty offered for students clearly interested in the discipline or in any stream of the discipline

10.1109/IoT-SIU.2019.8777334

400 Level Courses: These units of study are advanced courses and are normally taken in the third year or later as the final elements of a three year or four year degree or an integrated degree. The level indicates that the student will be demonstrating coherence and breadth or depth of knowledge and skills. The student may need to have completed a prerequisite course to study a 400 level course.

Prerequisite: A prerequisite to ''Course X'' is a course that must be successfully completed before the student can undertake ''Course X'