



Integral University, Lucknow

Department of Commerce

Study and Evaluation Scheme

Program: B. Com (Hons.) – International Accounting & Finance

Semester- I

S. No.	Course code	Course Title	Type of Paper	Period Per Hr./Week/Sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes							
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Pr Ethics	Sustainable Development Goal
1	CM110	Financial Accounting	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓				✓	4, 5
2	MT105	Quantitative Techniques	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓				✓	4,5,9
3	CM 111	Office Management	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓					4,5,9
4	CM112	Principles of Economics	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓					4,5
5	CM 113	Principles & Concepts of Management	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓	✓	✓				✓	4,5,9
6	LN104	Essential Professional Communication	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓	✓	✓				✓	4,5,9
Total				18	6	0	240	120	360	240	600		24								

L = Lecture, P = Practical, T =Tutorials, C= Credit, CT = Class Test, TA=Teacher Assessment, ESE=End Semester Examination Subject Total = Sessional Total (CA) + End Semester Exam(ESE)



Integral University, Lucknow

Effective from Session: 2025-26

Course Code	CM 110	Title of the Course	Financial Accounting	L	T	P	C
Year	I	Semester	I	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	The basic objective of this course is to provide fundamental knowledge about Financial Accounting.						

Course Outcomes

CO1	To acquire conceptual knowledge of basics of accounting
CO2	To develop the skill of recording financial transactions and preparation of reports in accordance with GAAP.
CO3	To develop the skill of recording financial transactions and preparation of reports in accordance with GAAP.
CO4	To develop a sound understanding of accounting procedures for Negotiable Instruments
CO5	To acquire conceptual knowledge of rectification of errors and reconciliation.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Basics of Accounting	Meaning and Concepts, Difference between accounting and book keeping, Importance and Limitations of Accounting, Users of Accounting information, Accounting Principles, Conventions and Concepts.	12	CO 1
2	Subsidiary Book	Recording of transactions in Subsidiary Books of Accounts, Preparation of Journal, Ledger and Trial balance.	12	CO 2
3	Preparation of Final Accounts	Preparation of final accounts with adjustments (including manufacturing account) Depreciation Accounting, Valuation of Stock, Reserve and provision	12	CO 3
4	Negotiable Instruments	Negotiable Instrument Act 1881: Definition of negotiable instruments, Accounting procedure for Negotiable Instruments. Bills of exchange	12	CO 4
5	Errors and Rectification	Error, types of errors, causes of error. Accounting for Rectification, Preparation of Bank Reconciliation Statement.	12	CO 5

Reference Books:

Bhattacharya S.K. & John Dearden, Accounting for management, Vikas Publications, 1987

Jain S.P. & Narang K.L., Advanced Accounting, Kalyani Publishers

Maheshwari S.N. & Maheshwari S.K., Corporate Accounting, Vikas publications, 2017

Jain S.P. & Narang K.L: Accounting Theory & Management Accounting, Kalyani, 2015, India Haryana

Robert Anthony & Hawkins, Accounting Test and Cases, 2016, Richard D. Irwin London

e-Learning Source:

<https://www.youtube.com/watch?v=mq6KNVeTE3A>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	2	1	1	1	1	2	1	-
CO2	2	-	-	-	2	2	2	-	-	2	3
CO3	1	-	3	1	2	1	2	2	1	-	2
CO4	1	1	1	1	3	1	1	3	2	2	1
CO5	2	2	1	2	-	2	1	2	-	1	-

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator

Sign & Seal of HoD



Integral University, Lucknow

Effective from Session: 2021-2022							
Course Code	MT105	Title of the Course	Quantitative Techniques	L	T	P	C
Year	I	Semester	I	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	The basic objective of this course is to provide fundamental knowledge about business mathematics.						

Course Outcomes	
CO1	Understand the basics of Set theory and its implication in business.
CO2	Understand Equation theory and permutation and combination.
CO3	Understand how to use different mean methods.
CO4	Basis Differentiation and Integration
CO5	Understand the principles of matrices.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Set Theory	Set Theory: Concept, Types of Sets, Operation, and Laws of operation on Sets, Venn Diagram, Cartesian product of two sets, Use of Set Theory in Business.	10	1
2	Equation	Equations: Linear, quadratic, and simultaneous, Nature and Roots of quadratic Equation, Permutations and combinations.	9	2
3	Progression	Progression: Arithmetic, Geometric and Harmonic progression, General Idea of infinite series.	8	3
4	Integration	Basis differentiation and Integration (including maxima and minima, excluding trigonometric and inverse trigonometric functions),	8	4
5	Matrices	Matrices: Types, Addition, Subtraction, Multiplication, Application, Determinants and their properties, Use of Matrix in business, Simple Interest and Compound Interest, Ratio and Proportion	8	5

Reference Books:

Business Mathematics- Sancheti and Kapoor (Sultan Chand & Sons) 2008, India New Delhi

Mathematics and Statistics-Ajay & Alka Goel (Taxmann's Allied), 2016, India New Delhi

Business Mathematics- J.K. Singh (Himalaya publications), 2017, India, New Delhi

N.P. Bali (Author), P.N. Gupta (Author), C.P. Gandhi (Author), A Textbook of Quantitative Techniques, Laxmi Publications; Second edition (2014)

Quantitative Methods: for Business, Management and Finance, Louise Swift (Author), Dr Sally Piff (Author), Palgrave Macmillan; 3rd edition (3 March 2010)

e-Learning Source:

<https://www.youtube.com/watch?v=GT3O-UvWQoM>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	-	-	2	3	-	2	2	2	2	2
CO2	3	-	-	2	2	-	2	2	1	2	2
CO3	2	-	-	1	2	-	1	1	1	1	1
CO4	2	-	-	2	1	-	3	1	2	1	1
CO5	1	-	-	2	2	-	2	2	2	2	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2025-2026							
Course Code	CM111	Title of the Course	Office Management	L	T	P	C
Year	I	Semester	I	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	The objective of this paper is to help students to acquire conceptual knowledge of Office Management and to impart skills for handling various kinds of office issues						

Course Outcomes	
CO1	To Understand the basics of office establishment (Location & Layout) and the functioning of modern office.
CO2	To Understand different methods of typing & duplicating and correspondence handling used in modern offices.
CO3	To Understand how to prepare office reports and modern filing and its indexing systems used in offices.
CO4	To know the application of modern automated machines used in office work including computer hardware and software and they would be able to apply modern office systems and procedures.
CO5	To Understand the office personnel management and work measurement standards.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction	Definition and elements of Office Management. Modern Office: Meaning, Importance and types. Functions of a Modern Office. Qualities, functions and duties of Office Manager. Office Organization: organization structure, types of organization. Office accommodation and layout. Office environment	12	CO1
2	Communication Skills	Communication: Definition, main features, and types. Typing and Duplicating. Correspondence: handling correspondence, drafting agenda and minutes of different meetings, types and essentials of letter writing	12	CO2
3	Official Reports	Office Reports: kinds of reports, preparing a good report. Record Management: Meaning, importance of record keeping, principles of record management; Classification; filing system; Indexing. Public Relations	12	CO3
4	Strategies of Office Work	Office automation: machines and equipment used. Computers: application and advantages. Office Information Management: definition, difference between information and data, process. Office systems and procedures and flow of work. Office Safety and Security – Meaning, importance of office Safety, safety hazards and steps to improve office safety. Office Forms and Stationery.	12	CO4
5	Personnel management	Personnel Management: Office Personnel relations, Office supervision: principles and role of supervision, work measurement: Different ways of measurement, standard of performance, and control.	12	CO5

Reference Books:

Dr. R.C. Bhatia, Principles of Office Management, Lotus Press New Delhi, 2011
 Balachandran, Office Management, Tata McGraw Hills, New Delhi, 2012
 Office Management: Dr. Diwakar Chaturvedi, Surjeet Publications, First Edition, 2006
 Office Management: Dr. Neha Diwedi New age Publications 4th Edition, 2014
 David P. Baron, Office Management, 6th Ed. India New Delhi, 2012

e-Learning Source:

<https://www.youtube.com/watch?v=NJYUg9GbI6Q>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	1	1	1	1	2	1	1	1
CO2	1	3	1	1	2	-	2	2	1	1	1
CO3	3	2	1	1	3	-	3	1	2	3	2
CO4	2	2	2	2	2	1	2	2	2	1	2
CO5	2	2	2	2	1	-	2	2	2	2	1

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2025-2026							
Course Code	CM112	Title of the Course	Principles of Economics	L	T	P	C
Year	I	Semester	I	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	This course aims to acquaint students with the principles of economics. The coverage includes determining linkages between economic variables and the policy implications.						

Course Outcomes	
CO1	To understand the meaning, nature, scope and limitation of economics and construction of key macroeconomic data.
CO2	To Understand, apply and analyze different methods for the measurement of national income and Concepts of National Income .
CO3	To Understand the application of Classical and Keynesian theory in different types of market.
CO4	To analyze the motive for demand for money and how the credit creation functions.
CO5	To understand the IS-LM model and its role in monetary and fiscal policies.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction to Economics	Nature, importance, and limitations of economic analysis; inductive and deductive method; Macroeconomics and its interdependence with microeconomics; stock and flow variables; Circular flow of Income.	12	CO1
2	National Income Accounting	National Income: Concepts, Definition, Significance, methods; Problems in measurements of National Income; limitations of the quantitative method as an indicator of welfare..	12	CO2
3	Macro Market Analysis	Classical and Keynesian theory of Income determination: Consumption function, Relationship between saving & Consumption, Investment Function, Concepts of the marginal efficiency of Capital, and Marginal Efficiency of Investment. The concept of Multiplier and Accelerator	12	CO3
4	Money in a Modern Economy	Money: Functions, forms; demand for money; Classical, Keynesian and Friedman's approach; Money supply and credit creation.	12	CO4
5	IS-LM Analysis	Derivation and shifts of IS and LM curves, the intersection of IS and LM Curves, the Role of monetary and fiscal policy by using IS-LM curves	12	CO5

Reference Books:5

Dwivedi D.N., Managerial Economics, Vikas Publishing House Pvt. Ltd., New Delhi, 2007.

Vaish, M.C., Macro Economic Theory, Vikas Publishing House Pvt. Ltd., New Delhi, 2007.

Mishra S.K. & Puri, V.K., Modern Macro Economic Theory, Himalayan Publishing House, 2003.

Edward Shapiro, Macro-Economic analysis, Tata Mc Graw Hill, 2003.

Jhingam, M.L. & Stephen, J.K., Managerial Economics, Vrinda Publications Pvt. Ltd. Delhi, 2006.

e-Learning Source:

<https://www.youtube.com/watch?v=7Z844jaEBhY>

PO-PSO CO	Course Articulation Matrix: (Mapping of COs with POs and PSOs)										
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	-	-	2	2	-	2	2	2	2	1
CO2	2	-	-	1	2	1	2	2	1	1	1
CO3	2	-	1	2	1	-	1	3	2	2	2
CO4	3	-	1	2	2	1	1	3	2	2	2
CO5	2	-	1	3	2	1	2	3	2	1	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2024-25							
Course Code	CM 113	Title of the Course	Principles & Concepts of Management	L	T	P	C
Year	I	Semester	I	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	The basic objective of this course is to provide fundamental knowledge about business management & organization.						

Course Outcomes	
CO1	Understand the concepts related to Business Management and know the contribution of various people in this field.
CO2	Understand role of planning and rational decision making in business.
CO3	Develop understanding of different approaches to designing organizational structures.
CO4	Discover and understand the concept of motivation, leadership, power and conflict.
CO5	Understand the foundations of group behaviour and the framework for organizational change and development.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Evolution of Management	Definition, Nature, Scope and Significance of Management, the evolution of Management thought, Approaches of Management, contributions of F.W. Taylor, Henri Fayol, and Chester Bernard to Management Science. Functions of a manager. Social Responsibility of Managers, Values, and Ethics in Management.	9	1
2	Planning	Definition, Nature, Scope, and Significance of Planning, Objectives, Steps of Planning, and Decision making are key steps in planning. The process and techniques of Decision-Making, Long-Range Planning, Strategies, and policies.	9	2
3	Organization	Definition, Nature, Scope and Significance, Approaches to Departments, Line and Staff relationship. Delegation and De-centralization, Committee system, determinants of effective organizing, Staffing – nature and significance, Selection, Appraisal, and Development of managers.	9	3
4	Directing	Issues in managing Human factors, Motivation – nature, scope and significance, Theories and techniques, communication, - Definition and significance, Communication Barriers, Building an effective communication system.	9	4
5	Controlling	Definition and Elements Control Techniques, Coordination, Determinants of an Effective Control System, Managerial Effectiveness.	9	5

Reference Books:

Stoner Freeman & Gilbert Jr, Management, Prentice Hall of India, 6th Edition, 2013.

Koontz, Principles of Management, Tata Mc Graw Hill, 1st Edition 2008.

Koontz, Principles of Management, Tata McGraw Hill, 1st Edition 2008.

Robbins S.P. & Decenzo David A., Fundamentals of Management: Essential Concepts and Applications, Pearson Education. 2012.

Rosen Blum M., How to Build Better Vocabulary – Bloomsbury Publication. London, 2012.

e-Learning Source:

<https://www.youtube.com/watch?v=KxORVTWF2j8>

PO-PSO CO	Course Articulation Matrix: (Mapping of COs with POs and PSOs)										
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	1	-	2	3	-	3	2	2	2	2
CO2	2	2	1	1	2	1	2	2	1	1	1
CO3	2	1	-	2	1	-	1	3	3	2	2
CO4	3	2	1	2	2	-	2	3	2	3	2
CO5	2	1	1	2	3	-	3	3	2	1	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2021-2022							
Course Code	LN104	Title of the Course	Essential Professional Communication	L	T	P	C
Year	I	Semester	I	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	The basic objective of this course is to provide fundamental knowledge about business management & organization						

Course Outcomes	
CO1	Demonstrate and Understand of the meaning, nature, scope of professional communication.
CO2	Understand Essays and short stories.
CO3	Understand and define the use of Vocabulary
CO4	Understand basic grammar and its implication
CO5	To imply and know the basics of report writing and letter writing

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Professional Communication	It's meaning & importance. Essential of effective communication, Barriers to effective communication, The Cross-Cultural Dimension of Professional communication.	8	1
2	Language through Literature	A. Essay. "The Effect of the Scientific Temper on Man" by Bertrand Russell, "The Aims of Science and Humanities" by Moody. E. Prior . B. Short Stories "The Meeting Pool" by Ruskin Bond, "The Portrait of Lady" by Kushwant Singh.	8	2
3	Basic Vocabulary	Euphemism, One-word substitution, Synonyms, Antonyms, Homophones, Idioms and Phrases, Common mistakes, Confusable words and expressions, Portmanteau words, foreign words and expressions.	8	3
4	Basic Grammar	Articles, Prepositions, Tenses Concord (Subject-Verb agreement), Modal Auxiliaries, Verbs: its Kind & Uses, degree of Comparison, punctuations	8	4
5	Basic Compositions	Report Writing: What is a Report? Kinds and objectives of report, writing reports Business Letter writing: Introduction to business letters, types of business letters, Layout of business letters, Letter of Enquiry/Complaint, Proposal Writing.	8	5

Reference Books:

- Martin & Wren - High School English Grammar & Composition, S. Chand & Co. Delhi 2017, India
 Lewis Norman - Word Power made easy, W.R. Goyal. Publication & Distributors Delhi., 2016, India
 Better Your English- A Workbook for 1st year Students- Macmillan India, New Delhi.2017, India
 Raman Meenakshi & Sharma Sangeeta, Technical Communication-Principles & Practice –O.U.P. New Delhi. 2007.
 Mohan Krishna & Banerji Meera, Developing Communication Skills – Macmillan India Ltd. Delhi

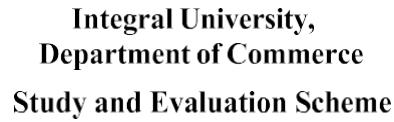
e-Learning Source:

https://www.youtube.com/watch?v=-xH1EMTYM_o

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	1	3	2	2	1	-	3	3	2	3	3
CO2	1	2	1	3	2	-	2	2	3	2	2
CO3	1	3	2	2	3	-	3	2	2	3	2
CO4	1	3	2	3	2	-	2	3	3	2	3
CO5	2	2	1	2	3	-	2	2	2	3	3

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Semester-II

S. No.	Course code	Course Title	Type of Paper	Period Perhr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes									
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	Sustainable Development	Goal	
1	CM 114	Business organization	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓	✓	✓						4, 5	
2	CM 115	Introduction to Business Environment	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓						4,5,	
3	CM116	Computerized Accounting & ERP	Core	0	1	3	40	20	60	40	100	3:1:0	4	✓	✓	✓				✓		4,5,9	
4	MT116	Business Statistics	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓				✓		4,5,9,	
5	CM117	Financial Performance Management	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓	✓	✓						4,5,9	
6	CM118	Essentials of Financial Reporting	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓				✓		4,5,9	
Total				15	6	3	240	120	360	240	600			24									



Integral University, Lucknow

Effective from Session: 2024-25							
Course Code	CM 114	Title of the Course	Business Organization	L	T	P	C
Year	I	Semester	II	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	The purpose of this paper is to impart to the students an understanding of the state of the art of business concepts, and practices with a view to preparing them to face the emerging challenges of business.						

Course Outcomes	
CO1	Acquire conceptual knowledge of Business and its concept.
CO2	Understand the forms of business organization.
CO3	Understand the concept of Entrepreneurship.
CO4	Understanding the relationship between government and business.
CO5	To understand how business finance is being utilized.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Business Organization and its Environment	Nature and scope of business; Business objectives; Classification of business activities; Business as a system; Distinction between business, commerce, and trade; Business Environment: meaning, significance and types; Environmental analysis: Process and limitations; Business and Environment interface; Social Responsibility of Business; Case Study.	9	1
2	Forms of Business Organization	Sole Proprietorship-Features, Advantages & Disadvantages; Partnership-Features, Advantages & Disadvantages; Joint Stock Company- Features, Advantages & Disadvantages; Cooperative Societies; Multinational Corporations; Case Study	9	2
3	Entrepreneurship	Concept and Nature of Entrepreneurship; Entrepreneur-Entrepreneurship-Enterprise; Types of Entrepreneurs; Functions of Entrepreneurs; Distinction between Entrepreneur and Manager; Role of Entrepreneurship in economic development; Entrepreneurial Process— idea generation, Feasibility study; Case Study.	10	3
4	Government and Business Interface	Stock Exchange: Meaning, Features, and Functions; Concept of BSE, NSE, Sensex & Nifty; Concept of SEBI; Business Combination – concept, causes, and types; Chambers of Commerce and Industries in India – FICCI, CII; Case Study.	9	4
5	Business Finance	Business Finance-Meaning and Sources; Money Market- Functions, Types of Instruments Traded in the Money Market; Securities Market- concept and types; Money Market Vs. Security Market; Case Study	8	5

Reference Books:

Vasishth, Neeru, "Business Organization", Taxmann, New Delhi

Taloo, Thelman J., "Business Organizational and Management", TMH,

Tulsian, P.C., Business Organisation, Pearson

Gupta, R. N. "Business Organisation & Management" Edited 2015 TXMAN Publishing, New Delhi

B.G. Satyaprasad, K. Nirmala, Vedananda Murthy & D.S. Gopalakrishna "Business Organization and Management" Edited 2012, I. K. International Publishing House Pvt. Ltd., New Delhi.

e-Learning Source:

<https://www.youtube.com/watch?v=ViwqqpB-6To>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	1	1	2	2	-	2	1	1	1	1
CO2	1	1	1	2	1	-	3	1	2	1	1
CO3	2	2	2	1	1	2	1	2	1	2	1
CO4	2	1	1	2	1	2	3	1	1	1	1
CO5	2	1	1	2	1	-	2	2	2	2	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2021-2022							
Course Code	CM 115	Title of the Course	Introduction to Business Environment	L	T	P	C
Year	I	Semester	II	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	To familiarize and acquaint the student with accounting standards and various financial reporting practices.						

Course Outcomes	
CO1	To understand the business environment.
CO2	To understand the types of economic Business environment and its types.
CO3	Preparing Economic policy and business.
CO4	To understand the role of government in supporting the business.
CO5	The student will come to know about globalization and economic welfare.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Basic Concepts in Business Environment	Concept, Significance, Factors affecting Business Environment; Interaction Matrix; Process of Environmental Scanning; Social Responsibility of Business; Barriers, Arguments (For & Against).	10	1
2	Types of Economic Environment	Economic System- Capitalism (Features, Merits and Demerits) and Socialism (Features, Merits & Demerits), Mixed Economy (Features, Merits and Demerits) Public Sector and Private Sector with their changing roles.	10	2
3	Economic Policy and Business	Industrial Policy in India, Its historical perspective; Industrial Sickness; IRD Act 1951; MNC- as a source of technology, Collaboration and Joint Venture.	9	3
4	Government and Business	Role of government in regulation and development of business; Monetary Policy; Fiscal policy; Competition Act 2002; FERA & FEMA; Consumerism; Consumer Protection Act 2019.	9	4
5	Economic Environment after Globalization	The New Economic Policy; GATT and WTO- Objectives, Functions; Principles of Globalization.	9	5

Reference Books:											
Adhikari M., Economic Environment of Business, Excel Books, 2000, S. Chand, New Delhi											
Ghosh, Economic Environment of Business, Vikas Publications 2004, New Delhi											
Morrison J., The International Business Environment, Palgrave, 2003, New Delhi											
Agarwal R., Business Environment, Excel Books, 2002, New Delhi											
Bedi S.K., Business Environment, Excel Books, 2004, New Delhi											
e-Learning Source:											
https://www.youtube.com/watch?v=1Qjf4hbdes											

PO-PSO CO	Course Articulation Matrix: (Mapping of COs with POs and PSOs)										
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	-	-	2	3	-	3	2	2	2	2
CO2	2	-	-	1	1	-	2	2	1	1	1
CO3	1	-	-	2	1	-	1	3	3	2	2
CO4	3	-	1	2	2	1	2	3	2	3	2
CO5	2	-	1	2	3	2	3	3	2	1	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2021-2022							
Course Code	CM 116	Title of the Course	Computerized Accounting & ERP	L	T	P	C
Year	I	Semester	II	0	1	3	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	This course gives an insight into the use of computers, ERP systems and Tally software related to accounting which will impart students with modern use of accounting systems.						

Course Outcomes	
CO1	To develop basic understanding of computers and conceptual knowledge of office packages.
CO2	To acquire conceptual knowledge of ERP and its use in modern organization.
CO3	To understand the basic models of ERP.
CO4	To give an insight on conceptual knowledge of ERP-related technologies.
CO5	To understand the tally software and its implication in accounting.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction to Computers	What is a computer; Characteristics of a Computer, Advantages and Limitations of Computers; Types of Computers; Applications of Computers; MS Word, MS Excel, & PowerPoint.	9	1
2	Introduction to ERP	Evolution of ERP; what is ERP? Reasons for the Growth of ERP; Scenario and Justification of ERP in India; Evaluation of ERP; Various Modules of ERP; Advantage of ERP. An Overview of Enterprise	9	2
3	ERP Model	Integrated Management Information; Business Modelling; ERP for Small Business; ERP for Make to Order Companies; Business Process Mapping for ERP Module Design; Hardware Environment and its Selection for ERP Implementation	9	3
4	ERP and Related Technologies	Business Process Re-engineering (BPR), Management Information System (MIS), Executive Information System (EIS), Decision Support System (DSS), Supply Chain Management (SCM)	9	4
5	Overview of Tally	Creation of Company, Tally Configuration, Creating Accounting Ledgers and Groups; Creating Stock Items and Groups; Vouchers Entry; Generating Reports - Cash Book, Ledger Accounts, Trial Balance, Profit and Loss Account, Balance Sheets; Computation of GST.	9	5

Reference Books:	
Manufacturing Resource Planning (MRP II) with Introduction to ERP; SCM; an CRM by Khalid Sheikh, Publisher: McGraw- Hill	
Enterprise Resource Planning Paperback – 1 Jul 2017 by Rajesh Ray (Author)	
Leon A. & Leon M., Introduction to Computers, Leon Vikas Publishers, 2017 New Delhi	
Leon, Fundamentals of Information Technology, Vikas Publishers., 2019- New Delhi	
Kakkar D.N., Goyal R., Computer Applications in Management, New Age, 2016, India New Delhi	
e-Learning Source:	
https://www.youtube.com/watch?v=YqLJwH5OSCU	
https://www.youtube.com/watch?v=-Y-B0iDnOUw	

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	2	1	-	2	1	-	1	2	1	2	2
CO2	2	-	-	2	2	-	1	1	-	1	-
CO3	2	-	-	2	2	-	2	2	1	2	2
CO4	3	1	-	3	2	-	2	1	-	2	2
CO5	3	1	-	2	2	-	2	2	2	1	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2021-2022							
Course Code	MT116	Title of the Course	Business Statistics	L	T	P	C
Year	I	Semester	II	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	To familiarize and acquaint the student with accounting standards and various financial reporting practices.						

Course Outcomes				
CO1	Understand the basics of central tendency and measure of variation.			
CO2	Understand the basics of probability distribution and decision theory.			
CO3	Understand the basics of simple correlation and regression.			
CO4	Basis of index number and its implication in busine			
CO5	Understand the principles of matrices.			
Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Statistical Data and Descriptive Statistics	Measures of Central Tendency Mathematical averages including arithmetic mean, geometric mean and harmonic mean. Properties and applications. Positional Averages Mode, Median (and other partition values including quartiles, deciles, and percentiles). Measures of Variation: absolute and relative. Range, quartile deviation, mean deviation, standard deviation, and their co-efficient, Properties of standard deviation/variance Moments: calculation (including Sheppard's corrections) and significance. Skewness, Kurtosis and Moments.	10	1
2	Probability, Probability Distributions, and Decision Theory	Theory of Probability. Approaches to the calculation of probability Calculation of event probabilities. Addition and multiplication laws of probability. Conditional probability and Bayes Theorem. Expectation and variance of a random variable. Probability distributions: Binomial, Poisson and Normal. The decision environment. Pay-off and regret matrices. Criteria of decision-making: Laplace, Maximum/Minimax, Maximax/Minimum, Savage; and Expectation. (Excluding Bayesian analysis) EVPI and its calculation. Decision Trees.	10	2
3	Simple Correlation and Regression Analysis	Correlation Analysis. Meaning of Correlation simple, multiple and partial; linear and non-linear, Causation and correlation, Scatter diagram, Pearson's co-efficient of correlation; calculation and properties (proofs not required). Probable and standard errors, Rank Correlation. Regression Analysis. Principle of least squares and regression lines. Regression equations and estimation. Standard Error of Estimates.	9	3
4	Index Numbers	Meaning and uses of index numbers. Construction of index numbers: fixed and chain base: univariant and composite. Aggregative and average of relatives – simple and weighted. Tests of adequacy of index numbers, Base shifting, splicing and deflating. Problems in the construction of index numbers. Construction of consumer price indices. Important share price indices including BSE SENSEX and NSE NIFTY.	8	4
5	Time Series Analysis	Components of time series. Additive and multiplicative models. Trend analysis. Fitting of trend line using principle of least squares – linear, second-degree parabola and exponential. Conversion of annual linear trend equation to quarterly/monthly basis and vice- versa. Moving averages. Seasonal variations- calculation and uses. Simple averages, ratio-to-trend, ratio-to moving averages and link-relatives' methods.	8	5

Reference Books:

Levin, Richard and David S. Rubin. Statistics for Management. 7th Edition. Prentice, Hall of India

Siegel, Andrew F. Practical Business Statistics. International Edition. (4th Ed.). Irwin McGraw Hill 2016, India New Delhi

Berenson and Levine. Basic Business Statistics: Concepts and Applications. Prentice Hall, 2017, India, New D

Spiegel M.D. Theory and Problems of Statistics. Schaum's Outlines Series. Mc Graw Hill Publishing Co, 2015, India, Haryana

Gupta, S.P., and Archana Gupta. Statistical Methods. Sultan Chand and Sons, 2016, India New Delhi.

e-Learning Source:

<https://nptel.ac.in/courses/110107114>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	1	-	2	3	-	2	2	2	2	2
CO2	2	1	-	2	2	-	1	2	1	2	2
CO3	3	-	-	1	2	-	1	1	2	1	1
CO4	2	-	-	2	1	-	3	1	2	1	1
CO5	2	-	-	3	2	-	2	2	2	2	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2024-25												
Course Code		CM 117	Title of the Course		Financial Performance Management				L	T	P	C
Year		I	Semester		II				3	1	0	4
Pre-Requisite		None	Co-requisite		None							
Course Objectives		This paper underpins the knowledge and skills in the area of management accounting and applies the same to evaluate the performance of an entity with the help of budgetary control and standard costing tools. The aim is to set out performance measurement in the context of business objectives.										
Course Outcomes												
CO1	Understanding the modern methods of costing.											
CO2	Understanding and preparation of budgetary system and advanced variance analysis											
CO3	Understand and apply decision-making techniques in the context of resource optimization and promoting efficiency.											
CO4	Divisional performance, transfer pricing, and behavioral considerations in performance management.											
CO5	Performance management in private and not-for-profit organizations.											
Unit No.	Title of the Unit	Content of Unit							Contact Hrs.	Mapped CO		
1	Advanced management accounting technique	Activity-based-costing cost drivers, calculation of costs per driver & per unit Target costing derive a target cost in manufacturing & service industry - Life cycle costing costs involved at different stages of the life cycle. Throughput accounting theory of constraints Throughput Accounting Ratio (TPAR) application in a multi-product entity; and environmental accounting management of environmental costs accounting for environment costs							10	1		
2	Advanced budgetary control and standard costing	Budgetary systems such as top-bottom, bottom-up, rolling, zero-based, activity-based, incremental budgets, flexed budgets quantitative analysis using high-low method, applying learning curve model Advanced variance analysis with material mix & yield variances, sales mix & quantity variances, planning & operational variances performance analysis with variances assigning the variances to the managers							10	2		
3	Pricing and decision-making techniques	Concept of relevant costs –determination of relevance with regard to a contextual decision – opportunity costs –cost-volume-profit (CVP) relationship –Break-even point and margin of safety – estimation of target profit in single & multi-product scenario –resource optimization in light of limiting factors –single or multiple factors –make or buy decisions. Factors affecting the pricing of products or services –price elasticity of demand –demand equation –calculate optimum selling price with MR = MC equation–pricing strategies such as skimming, penetration, differential, cost-plus pricing - Explain the uses and benefits of big data and data analytics for planning, costing, decision making, and performance management - Discuss the challenges and risks of implementing and using big data and data analytics in an organization							9	3		
4	Performance analysis and divisional performance	Understand & apply financial & non-financial performance indicators (KPIs) using Norton’s Balanced Scorecard model and Fitzgerald & Moon’s Building Block model for performance measurement using the Value-for-money approach for not-for-profit organizations–economy, efficiency & effectiveness approach - Mechanism for evaluating the performance of a business division and the divisional managers –tools such as Return on Investment (ROI), Residual Income (RI) –the impact of transfer pricing on divisional performance –methods of setting transfer price							8	4		
5	Risk Analysis in business decisions and behavioural consideration	Understand the risk & uncertainty in the short term and their impact on business decisions - apply techniques of maximax, maximin and minimax regret use of expected value technique decision tree value of perfect & imperfect information - Need to factor external considerations in performance management such as environment, market conditions and stakeholder impact illustrate how behavioural aspects affect the performance of an organisation - External considerations and the impact on performance							8	5		
Reference Books:												
ACCA Study Material 2020 by Kaplan, BPP												
Business Mathematics- Sancheti and Kapoor (Sultan Chand & Sons)2008, India New Delhi												
Mathematics and Statistics-Ajay& Alka Goel (Taxmann’s Allied), 2016, India New Delhi												
Business Mathematics- J.K. Singh (Himalaya publications), 2017, India, New Delhi												
N.P. Bali (Author), P.N. Gupta (Author), C.P. Gandhi (Author), A Textbook of Quantitative Techniques, Laxmi Publications; Second edition (2014)												
e-Learning Source:												
https://www.youtube.com/watch?v=zOXII-eaoxY												
Course Articulation Matrix: (Mapping of COs with POs and PSOs)												
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	
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CO2	3	1	-	1	1	-	2	2	2	1	1	
CO3	2	2	-	1	2	-	2	3	2	2	2	
CO4	2	1	-	1	1	-	2	2	2	1	1	
CO5	2	1	-	-	2	-	3	2	1	2	2	

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator					Sign & Seal of HoD				
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Integral University, Lucknow

Effective from Session: 2024-25							
Course Code	CM 118	Title of the Course	Essentials of Financial Reporting	L	T	P	C
Year	I	Semester	II	3	1	0	4
Pre-Requisite	None	Co-requisite	None				
Course Objectives	The course underpins the knowledge & understanding of various accounting standards and the conceptual framework (based on IFRS and Ind AS) that are applicable to corporate entities. The students will learn how to prepare financial statements for individual entities for the use of shareholders						

Course Outcomes	
CO1	Understand the use and application of the IFRS (and Ind AS in India)
CO2	Accounting for transactions using accounting standards
CO3	Understand and apply the principle of revenue recognition
CO4	Preparation of single entity financial statement
CO5	Analysis & interpretation of accounting statements

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Use of IFRS and Ind AS	Understand the application of IFRS in India through the use of Ind AS –the applicability of Ind AS –the mapping of Ind AS to IFRS –differences between IFRS & Ind AS –the list of IFRS (Ind AS) –Process of transition to IFRS for the first time.	10	1
2	Application of IFRS (Ind AS) for transactions	Asset-based standards such as PPE, Intangible assets, borrowing costs, impairment of assets, inventory & biological assets, provisions & contingencies, events after reporting period, accounting policies, estimates & errors.	10	2
3	Revenue recognition	Understand the principles of recognizing revenue of the business revenue recognition for goods, services, interest and dividends concept of deferred income, and accounting thereof.	8	3
4	Preparation & presentation of financial statements	Thorough knowledge of preparation & presentation of financial statements by incorporating the effects of the accounting standards (covered in modules 2 & 3 only) - statement of profit or loss and other comprehensive income –statement of financial position (Balance sheet).	8	4
5	Analysis of financial statements	Analyze the financial performance of an entity using the financial statements –use of ratios in performance evaluation trend analysis comparison with competition or industry average.	9	5

Reference Books:	
ACCA Study Material 2020 by Kaplan, BPP	
M P Vijay Kumar: Financial Reporting, Snow white	
M.C. Shukla and T.S. Grewal. Advanced Accounts. Sultan Chand and Co.	
R.L. Gupta and Radhaswamy. Advanced Accounts. Sultan Chand and Co.	
Sehgal and Sehgal (Volume 1 and 2). Advanced Accountancy. Taxmann	
e-Learning Source:	
https://www.youtube.com/watch?v=3go8uVQjKB0	

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	2	1	-	2	2	2	2	1
CO2	3	1	1	1	1	-	2	2	2	1	1
CO3	2	1	1	2	2	-	2	3	2	1	1
CO4	2	2	2	2	3	-	3	2	3	2	2
CO5	2	2	2	3	2	-	3	2	3	2	3

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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