

# MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS)

Vaniyambadi – 635 751

# **PG Department of Management Studies**

for

**Undergraduate Programme** 

**Bachelor of Business Administration** 

From the Academic Year 2024-25

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# LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK FOR UNDERGRADUATE EDUCATION

#### 1. Preamble

The Department of BBA Established in the year 1998, marking the beginning of its journey towards academic excellence and a strong commitment to provide high-quality education and empowering rural women with vital analytical skills to address economic and social challenges. With innovative teaching methods and a curriculum aligned with national standards, it fosters a dynamic learning environment. The department focuses on nurturing entrepreneurial and leadership qualities, preparing students for success as entrepreneurs and leaders in the professional world. In 2018-2019, it introduced an MBA (HRM) program to equip professionals with the skills needed for effective human resource management in evolving business landscapes. A significant transformation occurred in 2021- 2022 when the department became a dedicated research hub, currently hosting Ph.D. scholars actively contributing to its academic and intellectual growth.

# LEARNING OUTCOMES-BASED CURRICULUM FRAMEWORK FOR UNDERGRADUATE EDUCATION Programme BBA

Programme	BBA
Programme	UA06
Code	
Duration	3 years [UG]
Programme	PO1: Acquire knowledge in Commerce and Trade to apply in day-to-day
Outcomes	life for the betterment of self and society.
	<b>PO2:</b> Develop critical, analytical thinking, and problem-solving skills.
	PO3: Develop research-related skills in defining problems, formulating
	and testing hypotheses, analyzing, interpreting, and drawing conclusions
	from data.
	<b>PO4:</b> Address and develop solutions for societal and environmental needs
	at local, regional, and national levels.
	<b>PO5:</b> Work independently and engage in lifelong learning for continuous
	professional growth.
	<b>PO6:</b> Promote employability and entrepreneurship among students while
	emphasizing ethics and communication skills.
	<b>PO7:</b> Understand the importance of ethical behavior in business contexts
	and be able to recognize and address ethical dilemmas in their professional
	careers.
	<b>PO8:</b> Be prepared for lifelong learning and professional development,
	including the ability to adapt to changes in technology, business practices,
	and economic conditions throughout their careers.
Programme	<b>PSO1 – Conceptual foundation:</b> Illustrate the role of business in society
Specific	and functions of Business Management (Marketing, Product Development,
Outcomes:	Finance, HR Management, Strategy, Operations, and Logistics).
	<b>PSO2 - Business Knowledge:</b> An ability to apply conceptual foundations
	to solve practical problems in business.
	<b>PSO3 – Entrepreneurship and Innovation:</b> Analyze a problem and use
	the appropriate managerial and innovation skills for obtaining its solution
	and new business development.

## **Eligibility for Admission:**

Candidate for admission to the first year of BBA shall be required to have passed the Higher Secondary o have passed the Higher Secondary Course Examination (Academic or Vocational) conducted by the Government of Tamil Nadu or an Examination accepted as equivalent thereto by the Syndicate subject to such conditions as may be prescribed.

	Methods of Evaluation							
Internal Evaluation		25 Marks						
External Evaluation	End Semester Examination	75 Marks						
	Total	100 Marks						
	Methods of Assessment	I						
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definition	ons						
Understand /	MCQ, True/False, Short essays, Concept explanations, short summary							
Comprehend (K2)	or overview							
Application (K3)	Suggest idea / concept with examples, suggest formulae problems, Observe, Explain	e, solve						
Analyze (K4)	Analyze (K4)Problem-solving questions, finish a procedure in many steps, Differentiate Between various ideas, Map knowledge							
Evaluate (K5)	Longer essay / Evaluation essay, Critique or justify with	pros and cons						
Create (K6)	Check knowledge in specific or offbeat situations, Discuss or Presentations	ssion, Debating						

## Methods of Evaluation and Assessment

Code	Course Title	Hour s Distribu tion				С	Semester - 1 Code	Course Title	Ho urs Distrib ution				
		L	Т	Р	S				L	Т	Р	S	
24UFTA11	Tamil – 1	4	1	0	0	3	24UFTA21	Tamil – 2	4	1	0	0	
24UFEN11	English – 1	4	1	0	0	3	24UFEN21	English – 2	4	1	0	0	
24UMSC11	CC – 1 Management Principles	4	1	0	0	4	24UMSC21	CC – 3 Marketing Management	5	1	0	0	
24UMSC12	CC – 2 Financial Accounting	3	1	1	0	4	24UMSC22	CC – 4 Cost and Management Accounting	4	1	0	0	
24UMSA11	EC – 1 Managerial Economics	3	1	0	0	3	24UMSA21 or 24UMSA22	EC – 2 Business Organization or E-Business	4	1	0	0	
24UMSS11	SEC – 1 (NME) Event Management	1	0	1	0	2	24UMSS21	SEC – 3 Business Executive Communication	1	0	1	0	
24UMSS12P	SEC – 2 Digital Skills for Executives	1	0	1	0	2	24UAEC21	AEC – 1 Life Skills Through Yoga	1	1	0	0	
24UMSF11	FC - Foundations of Managerial Effectiveness	1	1	0	0	2						30	

L-Lecture T-Tutorial P-Practical S-Seminar C-Credit

Students must complete at least one online course (MOOC) from platforms like SWAYAM, NPTEL, or Nan Mudalvan within the fifth semester. Additionally, engaging in a specified Self-learning Course is mandatory to qualify for the degree, and successful participation will be acknowledged with an extra credit of 2\*.

# 1<sup>st</sup> YEAR: FIRST SEMESTER

										Marks							
Course Code	Course Name	ame Category		Т	Р	S	Credits	sınoH	CIA	External	Total						
24UMSC11	Management Principles	Core	4	1	-	-	4	5	25	75	100						
	Lear	ning O	bjec	tives	5												
LO1	To familiarize the students with	basic co	oncej	ot of	man	age	ment	•									
LO2	To acquire skills to become a good manager.																
LO3	To plan effectively and to take right decisions.																
LO4	To understand the theories of management																
LO5	To understand the functions of	manage	ment														
Unit		Cont	ent							H	ours						
1	Management - Definition - Importance - Nature and Scope of Management - Objectives of management - Process - Levels of Management - Role and function of a Manager – Administration vs Management - Management as an Art or Science - Management as a 										15						
2	<b>Planning</b> – Definition- Natu Limitations of Planning featu planning- types- Objectives - Decision making – definition managerial decision making.	res of g Policie	good s -	pla Proc	n- o edur	bsta es	acles - and	to ef d Met	fective hods -	15	5						
3	<b>Organizing</b> – Meaning of o Process of organizing Importa Span of Control –meaning- span of management- Princ Committee - formal organizatio	ance - 7 theory iples o	Гуре of ( f О	s of Graic rgan	Org cunas izati	ani s- 1 on	zatio facto Dep	n stru rs det	cture - ermine	15	5						
4	<b>Authority</b> - Delegation - authority and power - Uses recruitment - Selection proce purpose of Directing – Motiva Herzberg Theory, X and Y T responsibilities of business.	of au ss - Tr ation (N	thori ainir Iaslo	ty - ng - w's	Sta Dire	affii ecti	ng - ng -	Sour Natu	rces of are and	15							
5	<b>Co-ordination</b> – nature and Types - Techniques - Disti- operation – Controlling – mea- for and importance of Cont- control process.	nction ning- na	betw ature	een and	Co- purp	ord	inati e of o	on ar contro	nd Co- 1- need								
								Tot	al	75	5						

CO	Course Outcomes: At the end of the course learners will be able to:
CO1	To understand the concept of management.
CO2	To plan and make decisions.
CO3	To differentiate organization structure and know the functioning in business unit.
CO4	To motivate employees, delegate work, and differentiate between power and authority
CO5	To coordinate and control activities in an organization.

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Text	books:
1	P.C. Tripathi & P.N Reddy; Principles of Management, Sultan Chand & Sons, 7th Edition, 2021
2	L.M.Prasad; Principles & Practice of Management, Sultan Chand & Sons, 10th Edition. 2021
3	Principles of Management by Neeru Vasishth & Vibhuti Vasishth Edition 2022
Refe	rence Books:
1	JAF Stoner, Freeman R.E and Daniel R Gilbert "Management", 6th Edition, Pearson Education, 2004
2	Stephen A. Robbins & David A. Decenzo & Mary Coulter, "Fundamentals of Management" 7th Edition, Pearson Education, 2011
3	Stephen P. Robbins & Mary Coulter; Management, Pearson Education, 13th Edition, 2017
4	Koontz, H. (2010). Essentials of Management. New Delhi: Tata McGraw-Hill Education
5	Durai, P. (2015). Principles of Management, Text and Cases. New Delhi: Pearson Education
Web	resources:
1	https://www.toolshero.com/management/14-principles-of-management/
2	https://open.umn.edu/opentextbooks/textbooks/693
3	https://open.umn.edu/opentextbooks/textbooks/34
4	https://openstax.org/subjects/business
5	https://blog.hubspot.com/marketing/management-principles

#### Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	1	2	2	3	2	2	3	3	3
CO2	3	2	3	3	2	2	2	3	2	2	3
CO3	2	3	1	1	2	2	2	1	1	3	3
CO4	1	3	3	3	2	1	2	2	3	3	3
CO5	2	3	3	2	2	2	2	2	3	3	3
Total	11	13	11	11	10	10	10	10	12	14	15
Average	2.2	2.6	2.2	2.2	2	2	2	2	2.4	2.8	3

									]	Marks				
Course Code	Course Name	Category	L	T	Р	S	Credits	Hours	CIA	External	Total			
24UMSC12	Financial Accounting	Core	3	1	1	-	4	5	25	75	100			
	Lear	ning O	bject	ives										
LO1	To impart knowledge about basic concepts of accounting its applications													
LO2	Γo develop proficiency in preparing subsidiary books													
LO3	To acquaint the students to pre													
LO4	To acquaint the students to prepare the final accounts with adjustments To foster knowledge on Hire Purchase system To understand single entry system and acquire knowledge on computerized accounting													
L05	To understand single entry sys	puterize	d accou	nting										
Unit	Content										ours			
1	Accounting: Basic Accound Accounting Transactions – I Ledger - Preparation of Trial E	Double	Con Entr	-		nd Ke		nventi g – J		1:	15			
2	Subsidiary Book: Preparatio Book, Petty Cash Book		ırcha	ise E	Book	., S	ales	Book	, Cash	15				
3	<b>Preparation of Final Acco</b> outstanding, prepaid and accru provision for discount on deb and capital	ied, dep	recia	ation	, bao	d ar	nd do	oubtfu	l debts,	1:	5			
4	<b>Hire Purchase System:</b> Intere- – Hire Purchase Trading Acco							Repo	ssession	1:	5			
5	Single Entry: Features – Sta between Single Entry and Doul Computerized Accounting: Knowledge on Accounting Sof		15											

СО	Course Outcomes: At the end of the course learners will be able to:
CO1	Prepare Journal, ledger and Trial balance
CO2	Understand Subsidiary books
CO3	Prepare final accounts with adjustments
CO4	Understand Hire Purchase system
CO5	Prepare single entry system of accounting and gain knowledge of computerized accounting

Te	extbooks:
1	
	:2024)
2	Goel.D.K and Shelly Goel, 2018, Financial Accounting, Arya Publications, 2 <sup>nd</sup> edition.
Re	ference Books:
1	Dr.K.Ganesan & S.Ushena Begam – Accounting for Managers - Volume 1, Charulatha Publications,
	Chennai
2	David Kolitz; Financial Accounting – Taylor and Francis group, USA 2017
3	M N Arora; Accounting for Management- Himalaya Publications House 2019.
4	SN Maheswari; Financial Accounting - Vikas Publishing House, Jan 2018.
5	T. Horngren Charles, L. Sundern Gary, A. Elliott John; Introduction to Financial Accounting,
	Pearson Publications Oct 2017.
W	eb resources:
1	https://ebooks.lpude.in/management/mba/term_1/DMGT403_ACCOUNTING_FOR_M ANAGERS.pdf
2	https://profitbooks.net/what-is-depreciation/
3	https://www.investopedia.com/terms/a/accounting-principles.asp
4	https://www.accountingtools.com/articles/double-entry-accounting
5	https://live.icai.org/bos/vcc/pdf/Hire_purchase_and_Installment_purchases.pdf

	PO1	PO2	PO3	PO4	PO5	PO6	<b>PO7</b>	PO8	PSO1	PSO2	PSO3
CO1	2	2	2	2	2	3	2	2	3	3	2
CO2	3	2	2	2	2	3	2	3	3	3	3
CO3	3	2	2	2	2	3	2	3	3	3	3
CO4	3	2	2	2	2	3	2	2	2	3	3
CO5	3	2	2	2	2	3	2	2	2	2	3
Total	14	10	10	10	10	15	10	12	13	14	14
Average	2.8	2	2	2	2	3	2	2.4	2.6	2.8	2.8

										Marks				
Course Code	Course Name	Category	L	Т	Р	S	Credits	Hours	CIA	External	Total			
24UMSA11	Managerial Economics	Elective	3	1	-	-	3	4	25	Terrent Constraints of the finance o	100			
	Le	arning O	bjec	tives										
LO1	To familiarize students with concepts of managerial economics and its relevant Concepts of economics in current business scenario													
LO2	To understand the applications & implications of economics and its knowledge of the mechanics of supply and demand markets in decision-making and problem solving.													
LO3	To Understand the optimal point of cost analysis and production factors of the firm													
LO4	To describe the pricing methods and strategies that are consistent with evolving marketing needs													
LO5	To provide insights to the va	rious mar	ket s	truct	ures	in a	an ec	onom	y.					
Unit			Hours											
1	<b>Introduction:</b> Nature an definition of economics relationship between micro	– import	ant	con	cept	s c				12				
2	<b>Demand analysis</b> – Meani of demand-Determinants of forecasting. Theory of analysis– Indifference curve analysis.	f demand Consum	–El	astic	ity c	of d	ema	nd- D	emand	12				
3	Indifference curve analysis.         Production and Cost Analysis – Production – Factors of production – production function – Concept – Law of variable proportion Law of return to scale and economics of scale – cost analysis–Different cost concepts–Supply analysis													
4	Pricing methods and stra pricing– Price discriminatio	tegies –			•		ctors	Meth	nods of	1	2			
5	Market classification – Pe Monopoly – Monopolistic C		•					•	etition-	1	2			
								Tot	al	6	0			

СО	Course Outcomes: At the end of the course learners will be able to:
CO1	Analyze & apply the various managerial economic concepts in individual & business decisions.
CO2	Explain demand concepts, underlying theories and identify demand forecasting techniques.
CO3	Employ production, cost and supply analysis for business decision making
CO4	Identify pricing strategies
CO5	Classify market structures under competitive scenarios.

Textb	ooks:
1 1	Managerial Economics R. Cauvery Dr., U.K. Sudha Nayak Dr. M. Girija, Dr. R. Meenakshi Firsd
1	Edition 2023
2	Managerial Economics .L. Mehta Fifth Impression 2018
3	Mithani D.M. (2016) - Managerial Economics – Himalaya Publishing House – Mumbai
4	Mehta P.L (2016) – Managerial Economics – Sultan Chand & Sons – New Delhi
Refer	ence Books:
1	Dr. S. Sankaran; Managerial Economics; Margham Publication, Chennai, 2019
2	Thomas and Maurice; Managerial Economics: Foundations of Business Analysis and Strategy, McGraw Hill Education, 10 <sup>th</sup> edition, 2017.
3	D N Dwivedi; Managerial Economics: Vikas Publishing House, 8 <sup>th</sup> edition, 2015.
4	Thomas and Maurice; Managerial Economics: Foundations of Business Analysis and Strategy, McGraw Hill Education, 10 editions, 2017.
5	H L Ahuja; Managerial Economics, S. Chand, 9th Edition, 2017.
Web 1	resources:
1	https://www.studocu.com/row/document/azerbaycan-dovlet-iqtisad-universiteti/business-and- management/lecture-notes-on-managerial-economics/6061597
2	https://www.intelligenteconomist.com/profit-maximization-rule
3	http://www.economicsdiscussion.net/laws-of-production/laws-of-production-laws-of-
4	http://www.simplynotes.in/e-notes/mbabba/managerial-economics/
5	https://businessjargons.com/determinants-of-elasticity-of-demand.html

#### Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	2	2	2	2	3	3	2	3	3	2
CO2	3	3	2	3	2	3	2	3	3	3	3
CO3	3	2	3	2	2	3	2	3	3	3	3
CO4	3	3	2	2	2	3	2	2	2	3	3
CO5	3	2	2	3	3	3	2	2	2	2	3
Total	14	12	11	12	11	15	11	12	13	14	14
Average	2.8	2.4	2.7	2.4	2.7	3	2.7	2.4	2.6	2.8	2.8

		Category							]	Marks				
Course Code	Course Name		L	Т	Р	S	Credits	Hours	CIA	External	Total			
24UMSS11	Event Management	Skill Enhancement Course-NM	1	-	1	-	2	2	25	75	100			
	1	Learning Ob	jecti	ves	I	I	I							
LO1	To know the basics of event management													
LO2	To make an event of													
LO3	To make feasibility													
LO4	To understand the													
LO5	To know the finance	Management       Diminstruction Course-NM       Learning Objectives         Description       Learning Objectives         Description       Description         Description       Management         Description       Description         Description       Content         Hours       Production to Event Management: Meaning , Scope, Types of event (Corporate, Private, or Charity, Indoor Events, Out Door ents , Celebrity Events ) Tools For Event Planning & magement, MICE Events, Event Operations and Services extring Up, Parking, Maintenance, Ticketing, Food and Beverage,												
Unit		Content												
1	Events , Celebrit Management, MIC	Event (Corporate, Private, or Charity, Indoor Events, Out Door Events, Celebrity Events) Tools For Event Planning & Management, MICE Events, Event Operations and Services (Setting Up, Parking, Maintenance, Ticketing, Food and Beverage,												
2	_	-			natio	n, l	Deve	lopin	g &,	06				
3	<b>Event Feasibility:</b>	Resources - Feas	ibilit	y, S	WO	T Aı	nalys	is		0	6			
4	<b>Event Planning &amp;</b> Marketing –Product								Ps of	0	6			
5	<b>Event Budget</b> –Fin Practical Exposure students to identif necessary for plann create a video repo skills. Divide the group a simulated e	(Present a scenary by and list the ing that particular rt of an event, ap students into s	ario key r eve oplyi	of a co ent. T ng t	spe onsid Then he le	cific erati , ask earne	eve ons the ed co	nt and and stude ncept	d ask steps nts to s and	0	б			
								Tota	1	3	0			

СО	Course Outcomes: At the end of the course learners will be able to:
CO1	To understand basics of event management
CO2	To design events
CO3	To study feasibility of organizing an event
CO4	To gain familiarity with marketing & promotion of event
CO5	To develop event budget and to get practical exposure

Textl	books:
1	Devesh Kishor & Ganga Sagar Singh: Event Management : A Booming Industry and an Event Career
	Recent Edition 2023
2	Swarup K. Goyal : Event Management Recent Edition 2023
3	Event Management 1st Edition 2005 Pearson Publication
4	Event Management: Principles and Practices" Author: James T. Kirkwood Edition: 5th Edition
5	Event Management: The Ultimate Guide to Successful Meetings, Corporate Events, , and Other Special
	Events" Author: Judy Alle
Refe	rence Books:
1	The Business of Event Planning: Behind-the-Scenes Secrets of Successful Special Events" by Judy Allen
	- 1st Edition (2002)
2	"Events Management: An Introduction" by Glenn A.J. Bowdin, Johnny Allen, William O'Toole, Rob
	Harris, Ian McDonnell - 5th Edition (2011)
3	"Events Management: Principles and Practice" by Paul Walters, Glenn A. J. Bowdin, and Paul T. Vallen
	- 2nd Edition (2007)
4	"Event Planning: The Ultimate Guide to Successful Meetings, Corporate Events, Fundraising Galas,
	Conferences, Conventions, Incentives and Other Special Events" by Judy Allen (2nd Edition)
5	"Professional Event Coordination" by Julia Rutherford Silvers (2nd Edition)
Web	resources:
1	https://www.cvent.com/en/blog/events/what-is-event-management
2	https://www.indeed.com/career-advice/finding-a-job/what-is-event-management
3	https://www.justdial.com/Chennai/Event-Organisers/nct-10194150#google_vignette
4	https://www.brightonsbm.com/news/top-10-tips-successful-event-management/
5	https://study.com/academy/lesson/event-planning-vs-event-management.html

	PO1	PO2	PO3	PO4	PO5	PO6	<b>PO7</b>	PO8	PSO1	PSO2	PSO3
CO1	2	2	2	2	2	3	3	2	3	3	2
CO2	3	3	2	3	2	3	2	3	3	3	3
CO3	3	2	3	2	2	3	2	3	3	3	3
CO4	3	3	2	2	2	3	2	2	2	3	3
CO5	3	2	2	3	3	3	2	2	2	2	3
Total	14	12	11	12	11	15	11	12	13	14	14
Average	2.8	2.4	2.7	2.4	2.7	3	2.7	2.4	2.6	2.8	2.8

Course Code									Ma	rks					
	Course Name	Category	L	Т	Р	S	Credits	Hours	CIA	External	Total				
24UMSS12P	Digital Skills for Executives (Practical)	Skill Enhancement	1	-	1	-	2	2	25	75 1	100				
		Learning O	bje	ctive	S										
L01	To master key features of MS Word for professional document creation and formattin														
LO2	To understand the basics of creating and formatting PowerPoint presentations.														
LO3	To learn the basics of creating, editing, and formatting Excel worksheets														
LO4	To understand the basics of tally														
LO5	To familiarize students with Google forms for students with relevance in busir and its applications.														
Unit	Content														
1	in Word. Overview of Formatting: Paragraph headers and footers. In subscript – mathematics table - graphics – impo- merge concept - mergi	<b>Introduction to Word Processing</b> - features, creating, saving and opening documents in Word. Overview of word menu options - word basic tool bar. Editing and Formatting: Paragraph formats, aligning text and paragraph, borders and shading - headers and footers. Insert options: - insert picture – smart art – superscript & subscript – mathematical formulas – special characters – columns. Tables - creating table - graphics – importing graphics – clipart - insert picture. Mail Merge: mail merge concept - merging data source and main document.									06				
2	Design: Cover page of a book – Business cards, Index page Introduction to Power Point basics – terminology - getting started with power point window – menus and tool bars- creating presentations - using auto content wizard - using blank presentation option - using design template option. Working with slides - make new slide, move, copy, delete, duplicate, lay outing of slide- applying transition and animation effects. Editing and formatting text: alignment, editing, inserting, deleting, selecting, formatting of text, bullets, footer, paragraph formatting										06				
	formatting.					<b>Excel Worksheet basics</b> - Features of MS Excel – spread sheet / worksheet, workbook creating worksheet, entering data into worksheet- parts of MS excel window - toolbars and menus, keyboard shortcuts - Entering and editing data in worksheet – cell range – formatting – auto fill –formulas and its advantages.									
3	Excel Worksheet bas workbook creating wo window - toolbars and	rksheet, entering o menus, keyboard s	data shortc	into cuts -	work Ente	cshe ering	et- p g and	oarts o editin	f MS excel g data in		06				
3	Excel Worksheet bas workbook creating wo window - toolbars and worksheet – cell rang	rksheet, entering of menus, keyboard s e – formatting – ly - Features of th, Get way of T er entry with B	data shortc auto tally ally, ill w	into cuts - fill , cre Acc vise	work Ente –for ation ount deta	cshe ering mul n of s co ils	et- p g and as a f con f con fis Inter	editin nd its npany cation	f MS excel g data in advantages. , Accounts , Groups		06 06				
	Excel Worksheet bas workbook creating wo window - toolbars and worksheet – cell rang Charts – graphs. Introduction to Tal only and accounts wi and Ledgers, Vouch	rksheet, entering of menus, keyboard s e – formatting – ly - Features of th, Get way of T er entry with B orts - Profit and L	data shorto auto tally ally, ill w	into cuts - fill , cre Acc vise A/C,	work Ente –for eation ount deta Bala	rmul rmul n of s co ils	et- p g and as a f con f con f con f son f	editin nd its mpany cation rest co et	f MS excel g data in advantages. , Accounts , Groups omputation,						

СО	Course Outcomes: At the end of the course learners will be able to:										
CO1	Use Microsoft Office programs to create personal, academic and business documents following										
	current professional and/or industry standards.										
CO2	Create scientific and technical documents incorporating equations, images, tables, and										
	bibliographies.										
CO3	Develop technical and scientific presentations which use charts and visual aids to share data.										
CO4	Demonstrate hands on experience with Tally for business activities										
CO5	Proficient in developing and sharing questionnaires using Google Forms.										

m	
Te	extbooks:
1	Peter Weverka- MS office for dummies, Wiley & Sons January 2022
2	P.Rizwan Ahmed; Computer Application in Business and Management, Margham
	Publications, 2019.
3	Google Form Made Simple The Perfect Guide to Creating and Modifiying Google Forms from
	Beginners to Expert by Mary Brockman
Re	ference Books:
1	Lisa A. Bucki, John Walkenbach, FaitheWempen, & Michael Alexander; Microsoft Office 2013
	BIBLE, Wiley, 2013
2	S.S. Shrivatsava; Ms-Office, First Edition, Laxmi Publications, 2015.
3	Microsoft Office Step by Step (Office 2021 and Microsoft 365) by Curtis Frye (Author),
	Joan Lambert (Author) June 2022
w	eb resources:
1	https://trumpexcel.com/best-excel-books/
2	https://www.yashada.org/yashada_2019/pdfs/e_library_cit/excel_Microsoft_Excel_2010
	_intermediate_YASHADA%20_June_2014%20(2).pdf
3	https://onlinecourses.nptel.ac.in/noc20_hs17/preview
4	https://www.udemy.com/course/tally-erp-9-complete-course-beginners-to-
	advanced/?couponCode=LEADERSALE24A
5	https://form-publisher.com/blog/how-to-make-a-google-form/
5	

	PO1	PO2	PO3	PO4	PO5	<b>PO6</b>	<b>PO7</b>	PO8	PSO1	PSO2	PSO3
CO1	2	3	3	2	2	3	2	2	3	3	3
CO2	3	2	2	3	2	3	3	3	3	3	3
CO3	3	2	2	2	2	3	2	3	3	3	2
CO4	3	3	2	2	3	3	2	2	2	3	3
CO5	3	2	2	3	2	3	2	2	2	2	3
Total	14	12	11	12	11	15	11	12	13	14	14
Average	2.8	2.4	2.7	2.4	2.7	3	2.7	2.4	2.6	2.8	2.8

									Marks					
Course Code	Course Name	Category	L	Т	Р	S	Credits	Hours	CIA	External	Total			
24UMSF11	Foundations of Managerial Effectiveness	Foundation	1	1	-	-	· 2 2 25 75	100						
		Learning	Obje	ectiv	es									
LO1	To formulate individu situation													
LO2	To Understand and imbibe skills and competencies required to work through difficult communication situations.													
LO3		mmunication situations. b sensitize students to the emerging perspectives from positive psychology, spirituality d wisdom approaches for personal effectiveness and leadership b grasp empowerment's concept, dimensions, development, inhibitors, delegation												
LO4														
LO5	Ū.	o understand Image and Personality Branding and creating their own digital footprint ad to market them as a brand.												
Unit		C	onte	nt						H	Hours			
1	managers, skills of e issues of emotional	Content Introduction to skills & personal skills: Importance of competent managers, skills of effective managers, developing self-awareness on the issues of emotional intelligence, self-learning styles, values, attitude towards change, learning of skills and applications of skills.												
2	<b>Building relationsh</b> <b>communication:</b> imp counselling, defensiv communications. Pe application on above	<b>ip Skills for</b> portance of sup reness and disc rsonal intervie	dev porti	v <b>elop</b> ive c rmati	<b>ing</b> omm on,	<b>pos</b> nunic prine	itive atior	inten n, coad s of s	ching ar supportiv	nd ve	06			
3	<b>Team building:</b> Dev leading team, team r Exercises on Goal	Team building: Developing teams and team work, advantages of team, leading team, team membership. Skill development and skill application. Exercises on Goal Setting, Perfectionism and Time Management Activities related to Understanding Mind Body Connection, Self Esteem06												
4	<b>Empowering and d</b> empowerment, how t delegating works. Ski	o develop emp	ower	ment	, inh	ibitc	rs of	empo	owermer	nt,	06			
5	delegating works. Skills development and skill application on above areas.Communication related to course: How to make oral presentations, conducting meetings, reporting of projects, reporting of case analysis,06													
	conducting meetings answering in Viva Vo				repo	ortin	g of	case	analysi	s,	06			

СО	Course Outcomes: At the end of the course learners will be able to:
CO1	Enhance self-awareness and understand the importance of competent management.
CO2	Develop effective interpersonal and supportive communication skills.
CO3	Develop teamwork, leadership, and goal-setting skills, along with managing stress and time effectively.
CO4	Understand and apply principles of empowerment and effective delegation
CO5	Master skills in oral presentations, meeting conduct, project reporting, case analysis, Viva Voce, and assignment writing.

Tex	tbooks:
1	Understanding Communication, Communicating for Managerial Effectiveness: Problems, Strategies and Solutions, Clampitt P.G.(2017) ,Sixth Edition, Sage Publications Inc.
2	Foundation of Managerial Effectiveness, Dr. Shiney Chib &Laila N.Bhairaiya, Thakur Publication Pvt Ltd.
3	Communicating for Managerial Effectiveness, Phillip G. Clampitt - University of Wisconsin, Green Bay, USA 6 <sup>th</sup> Edition 2016, Sage Publications
Ref	erence Books:
1	Positive Psychology Coaching –Putting the Science of Happiness to work for your Clients Rober Biswas Diener and Ben Dean, 2007, Wiley 1st Edition
2	Never Eat Alone and Other Secrets to Success one relationship at a time, Keith Ferrazzi and ahlRaz, 2014, Currency Publication
3	You Branding Personal Branding Book –It's all about you, Mark Cijo (2015), Create Space Independent Publication.
We	b resources:
1	Mind Tools - Management Training and Leadership Training - Provides resources on various management skills and personal development.
2	Harvard Business Review - Management - Offers articles and insights on management skills and effective leadership.
3	www.skillsyouneed.com - Offers guidance on interpersonal communication skills.
4	www.psychologytoday.com - Explains         the         difference         between         coaching         and           counselling and offers resources on both.
5	www.mindtools.com - Outlines principles and strategies for supportive communication.

	PO1	PO2	PO3	PO4	PO5	PO6	<b>PO7</b>	PO8	PSO1	PSO2	PSO3
CO1	1	2	2	2	2	3	3	2	3	3	2
CO2	3	3	3	3	2	3	2	3	3	3	3
CO3	1	2	1	2	2	3	2	2	2	2	1
CO4	3	3	2	2	1	3	2	2	2	3	3
CO5	3	2	2	1	3	3	2	2	2	1	1
Total	10	12	11	10	11	15	11	11	13	12	10
Average	2.2	2.4	2.7	2	2.7	3	2.2	2.2	2.6	2.4	2.2

3 – Strong,	2- Medium,	1- Low
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										Mark	S		
Course Code	Course Name	Category	L	Т	Р	S	Credits	Hours	CIA	External	Total		
24UMSC21	Marketing	Core	5	1			5	6	25	75	100		
	Management	Core	5	1	-	-	3	U	23	15	100		
	Learning Objectives												
L01	To understand the												
LO2	To identify strategies for market segmentation, targeting, and positioning.												
LO3	To explore pricing strategies and factors influencing pricing decisions.												
LO4	To gain insights in	To gain insights into communication mix, media types, and digital marketing trends.											
LO5	To learn sales forc	e managemer	nt, ir	nclu	ding	; m	otiv	ation	and co	ontrol s	trategies.		
Unit		Hours											
1	<b>Basics of Mark</b> Marketing – Conc Various Environm												
2	Market Segmenta – Positioning - Pro – Consumer Good Process - Product 1	oduct – Chara ls – Industria	acter al G	ristic ood	cs – s, N	Be lew	enefi Pro	its — ( oduct	Classif Deve	ication lopmen	15		
3	<b>Pricing:</b> Factors I kinds of Pricing Various Kinds of N	- Market H	Phys	ical									
4	Characteristics - 1 Sales Promotion to	Overview of Communication Mix: Types of Media & its         Characteristics - Print – Electronic Media - Outdoor – Internet -         Sales Promotion tools - Definition, Process, Need & Significance –         Digital Marketing & Online Marketing.											
5	Sales Force Man Compensation and	U				ing	Pro	ocess	- Mo	tivatio	n, 18		
									Т	otal	90		

СО	Course Outcomes: At the end of the course learners will be able to
CO1	Define key marketing concepts and explain the components of the marketing mix.
CO2	Illustrate market segmentation and evaluate product strategies, including PLC and branding.
CO3	Apply appropriate pricing methods based on market factors.
CO4	Analyze communication tools and implement digital marketing strategies.
CO5	Evaluate sales force management techniques and their impact on performance.

Text Boo	oks:
1	Rajan Saxena, Marketing Management, Tata Mc-Graw Hill, 2017.
2	L.Natarajan, Marketing Management, Margham Publications, 2017.
Referenc	e Books:
1	C.B.Gupta & Rajan Nair Marketing Management, Sultan Chand & Son 2020.
2	V.S. Ramaswamy & S. Namakumari,2002, Principles of Marketing, first edition, S. G.Wasan /Macmillan India Ltd,
3	Cran field, Marketing Management, Palgrave Macmillan.
4	Harsh V Verma & Ekta Duggal, Marketing, Oxford University Press, 2017.
5	SontakkiC.N, Marketing Management, Kalyani Publishers, Ludhiana.2016
Web Res	sources:
1	http://eprints.stiperdharmawacana.ac.id/24/1/%5BPhillip_Kotler%5D_Marketing_Manage
	ment 14th Edition%28BookFi%29.pdf
2	https://mrcet.com/downloads/MBA/digitalnotes/Marketing%20Management.
3	https://www.khanacademy.org/partner-content/ama-marketing
4	https://journals.sagepub.com/home/jmx
5	https://www.coursera.org/courses?query=sales%20management

	<b>PO1</b>	PO2	PO3	<b>PO4</b>	PO5	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	2	3	3	3	3
CO3	3	3	3	3	3	3	2	2	3	3	3
CO4	3	2	3	3	3	3	3	3	3	3	3
CO5	1	3	2	3	3	3	3	3	2	3	3
Total	13	14	14	14	15	15	13	14	14	15	15
Average	2.6	2.8	2.8	2.8	3	3	2.6	2.8	2.8	3	3

									Marks				
Course Code	Course Name	Category	L	Т	Р	S	Credits	Hours	CIA	External	Total		
24UMSC22		Core	4	1	-	-	4	5	25	75	100		
	Accounting												
		Lea	rnin	g Ol	bjec	tive	es						
LO1	To understand cost	concepts, clas	sific	atio	ons, a	and	l the	ir app	lication	ns.			
LO2	To analyze margina												
LO3	To apply tools for f												
LO4	To apply tools for financial statement analysis and ratio evaluation. To gain insights into cash flow and fund flow management.												
LO5	To recognize the ro	le of budgets	as to	ols	for p	olar	nning	g and	contro	1.			
Unit		Hours											
1 2 3	<ul> <li>importance and limit</li> <li>Tenders &amp; Quot scope and functions</li> <li>Marginal Costing:</li> <li>Ratio - Profitabilitie</li> <li>Analysis</li> <li>Analysis and Interget</li> <li>essentials and tools</li> </ul>	Marginal Costing: Cost Volume Profit Analysis – Contribution – p/v Ratio - Profitability Index - Margin of Safety – Break Even Point											
	statement and Trenc limitations. Classific ratio (Simple Proble <b>Funds and Cash F</b>	cation of ratios	s–Lic	quid	ity P	rof	itabi	lity S	olvency	turnov	er n		
<ul> <li>Working Capital – Preparation of Fund Flow – Cash Flow Statement Analysis – Problems – Distinction between Fund and Cash Flow Statement</li> <li>Budgets and Budgetary Control: Objectives, Merits and Demerits– Sales,</li> <li>Production Flowible Budgets and Cash Budget</li> </ul>									w				
	Production, Flexible	e Budgets and	Casł	ı Bu	dget	•			Te	otal	75		

CO	Course Outcomes: At the end of the course learners will be able to
CO1	Prepare and interpret cost sheets, comparing cost, management, and financial accounting.
CO2	Evaluate components of marginal costing and perform break-even analysis.
CO3	Analyze and interpret financial ratios to assess business performance.
CO4	Prepare and evaluate cash flow and fund flow statements for financial planning.
CO5	Develop and apply various budgets for effective budgetary control.

Text B	ooks:
1	Dr.K.Ganesan & S.Ushena Begam, Accounting for Managers Volume II, Charulatha Publications, Chennai
2	T.S. Reddy and Hari Prasad Reddy – Management Accounting, Margham Publication, 2016
Refere	nce Books:
1	Gupta, R. Land M. Radha Swamy. Advanced Accountancy, Sultan Chand & Sons, 2016.
2	Maheshwari S. N, Advanced Accountancy (Part II). Vikas, 2007.
3	Antony Atkinson, Rebert S Kalpan, Advance Management Accounting, Pearson Publications, 2015.
4	Horngren Sunderu Stratton, Introduction to Management Accounting, Pearson Education, 2013.
5	Rajiv Kumar Goel & Ishaan Goel, Concept Building Approach to Management Accounting, 2019
Web R	lesources:
1	https://www.toppr.com/guides/fundamentals-of-accounting/fundamentals-of-cost- accounting/meaning-of-management-accounting/
2	https://efinancemanagement.com/financial-accounting/management-accounting
3	http://www.accountingnotes.net/management-accounting/management-accounting meaning-limitations-and-scope/5859
4	https://www.wallstreetmojo.com/ratio_analysis/
5	http://www.accountingnotes.net/cost-accounting/variance-analysis/what-is-

	PO1	PO2	PO3	PO4	PO5	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	PSO1	PSO2	PSO3
CO1	3	3	2	2	3	3	2	3	3	3	3
CO2	3	3	2	3	2	3	2	3	3	3	3
CO3	3	3	3	2	2	3	2	3	3	3	3
CO4	3	3	3	2	2	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3	3	3	3
Total	15	15	13	12	12	15	12	15	15	15	15
Average	3	3	2.6	2.4	2.4	3	2.4	3	3	3	3

										Mark	s		
Course Code	Course Name	Contraction Sector Sect		Total									
24UMSA21	Business Organization	Elective	4	1	-	-	4	5	25	75	100		
Learning Objectives													
LO1	To understand the	rganization.											
LO2	To identify various	eristics.											
LO3	To analyze factors												
LO4	To gain insights into the functions and regulations of stock exchanges in Ind												
LO5	To explore the objectives and functions of trade associations and chambers of commerce.												
Unit		Hours											
1	ContentBusiness Introduction: Meaning – Types of Business andProfession - Organization – Meaning and Importance of BusinessOrganization.												
2	Forms of Busin Joint Hindu Famil Societies - Public V	y System- Jo	oint	Sto	ck (	Cor	npai	nies -		-	e 15		
3	Office: Its Fun office accommodat	ction & S tion – Filing a	-				office	e la	yout	and	15		
4	Stock Exchange: Stock Exchange in Effects.				0				U				
	Trade Association	ons and (	Cha	mbe	er	of	Co	mme	erce:				
5	Objectives- Functi and Chamber of C Business Innovatio	Commerce –									17		
									Т	otal	75		

CO	Course Outcomes: At the end of the course learners will be able to
CO1	Explain the concept, types, and significance of business and business organization.
CO2	Distinguish between different forms of business organizations.
CO3	Analyze the role and importance of office layout and filing systems.
CO4	Evaluate the functions and regulatory framework of stock exchanges in India.
CO5	Differentiate between trade associations and chambers of commerce and assess their roles in business.

Text Bo	oks:
1	K Karunakaran, Business Organization, Himalaya Publishing House, 2017.
2	L.Natarajan, Business Organization, Margham Publications, 2017.
Reference	e Books:
1	C.B. Gupta, Business Organisation and Management, Sultan Chand & Sons, 18th Ed., 2021.
2	Dr. P.C. Tulsian & Vishal Pandey, Business Organisation and Management, Pearson Education, 2nd Ed., 2020.
3	Y.K. Bhushan, Fundamentals of Business Organization and Management, Sultan Chand & Sons, 21st Ed., 2017.
4	Stephen P. Robbins & Mary Coulter, Management, Pearson Education, 14th Ed., 2019.
5	Ricky W. Griffin, Fundamentals of Management, Cengage Learning, 9th Ed., 2020.
Web Res	jources:
1	https://study.com/academy/lesson/types-of-business-organizations-sole-proprietorship- partnership-corporation.html
2	https://www.investopedia.com/articles/basics/03/031703.asp
3	https://www.managementstudyguide.com/office-layout-and-design.htm
4	https://www.sebi.gov.in/legal/regulations
5	https://www.investopedia.com/terms/t/trade-association.asp

	<b>PO1</b>	PO2	PO3	PO4	PO5	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	PSO1	PSO2	PSO3
CO1	3	2	3	3	3	3	3	3	3	3	3
CO2	3	2	3	3	3	3	2	3	3	3	3
CO3	2	3	2	2	3	3	3	3	2	3	3
CO4	3	3	3	3	3	3	2	2	2	3	3
CO5	3	3	2	3	2	3	3	2	2	3	2
Total	14	13	13	14	14	15	13	13	12	15	14
Average	2.8	2.6	2.6	2.8	2.8	3	2.6	2.6	2.4	3	2.8

										Mark	S
Course Code	Course Name	Category	L	Т	Р	S	Credits	Hours	CIA	External	Total
24UMSA22	E-Business	Elective	3	1	-	-	3	4	25	75	100
Learning Objectives											
LO1	To understand the basic concepts of electronic business.										
LO2	To identify web-b										
LO3	To examine the security threats to e-business.										
LO4	To discuss the str										
LO5	To analyze the bu										
Unit		Hours									
1	<b>Introduction to</b> - the Internet and							-		chair	ns 12
2	Web based too overview of pack		busi	ines	<b>s</b> -	e	- b	usine	ss sof	Ìware	- 12
3	<b>Security threats</b> e - commerce and					-		enting	g secu	rity fo	or 12
4	Strategies for strategies for pure virtual - web port	chasing and s				-					
5	The environmen issues - business							•	al ethio	cal - ta	ux 12
										Tota	al 60

СО	Course Outcomes: At the end of the course learners will be able to
CO1	To define and understand the basic concepts of business done through web
CO2	To Examine and apply web tools in real-time business situations.
CO3	To analyze the security threats in e-business.
CO4	To evaluate strategies for marketing.
CO5	To prepare the environment for e-business.

Text Boo	ks:
1	Garry P Schneider and James T Perry - Electronic Commerce, Course technology, Thomson Learning, 2000
2	Diwan, Prag and Sunil Sharma - E-Commerce - Managers guide to E-Business
Referenc	e Books:
1	Dave Chaffey: E-Business and E-Commerce Management, Pearson Education.
2	Kalakota, Ravi: Frontiers of Electronic Commerce, Addison - Wesley, Delhi.
3	Smantha Shurety,: E-Business with Net Commerce, Addison - Wesley, Singapore.
4	David Whitely, E Commerce Strategy, Technology and Applications, TMH
5	J. Christopher Westle and Theodre H K Clarke, Global Electronic Commerce – Theory and Case Studies, University Press
Web Res	ources:
1	https://www.tutorialspoint.com/e_commerce/e_commerce_tutorial.pdf
2	https://www.techtarget.com/searchcio/definition/e-business
3	https://www.britannica.com/technology/e-commerce
4	https://www.geeksforgeeks.org/different-types-of-threat-to-e-commerce/
5	https://irp-cdn.multiscreensite.com/1c74f035/files/uploaded/introduction-to-e- commerce.pdf

	PO1	PO2	PO3	PO4	PO5	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	PSO1	PSO2	PSO3
CO1	2	3	3	3	3	3	3	3	3	3	3
CO2	3	3	2	3	2	3	3	3	3	3	2
CO3	3	3	3	2	3	3	3	3	3	3	3
CO4	3	2	3	3	3	3	3	3	3	3	3
CO5	3	2	3	3	3	3	2	3	2	3	3
Total	14	13	14	14	14	15	14	15	14	15	14
Average	2.8	2.6	2.8	2.8	2.8	3	2.8	3	2.8	3	2.8

										Μ	arks	
Course Code	Course Name	Category	L	Т	Р	S	Credits	Hours	CIA	External	Total	
	Business	Skill										
24UMSS21	Executive	Enhancement	1	-	1	-	2	2	25	75	100	
	Communication	Course										
		Learni	ing (	Obje	ectiv	es						
LO1	To understand the role and importance of effective communication in l										ousiness.	
LO2	To develop the correspondence.	rofess	ional business									
LO3	Fo acquire skills for interviews, group discussions, and presentations.											
LO4	Γο develop skills to prepare business reports, meetings and documentations											
LO5	To learn modern communication methods relevant to management.											
Unit	Content										Hours	
1	Introduction: Definition- Methods - Types - Principles of									6		
	effective Communication – Barriers to Communication etiquette											
	<b>Business Letter:</b>	Layout - Kinds	s of	Bus	ines	s Le	tters	- ap	plica	ation,		
2	offer, acceptance/	acknowledgem	ent	and	pror	notic	on le	tters.	Bus	iness	6	
	Development L	etters- Enq	uiry	,	repl	ies,	Ο	rder,	S	Sales,		
	circulars, Offline/O	Online Grievand	ces h	and	ing	mec	hanis	sm				
3	Interviews: Dire	ct, virtual in	terv	views	5 (	&	mas	s I	nterv	view-	6	
	Group discussion -	- Presentation s	kills	- bo	ody	langı	uage					
4	Communication	through Rej	port	s: /	Age	nda-1	Minu	ites		of	6	
	Meeting- Resume	Writing										
	Modern Forms	of Communi	icati	on:	po	dcas	ts, l	Email	, v	irtual		
5	meetings - Websites and their use in Business - social media-										6	
	Professional Networking sites for communication											
									r	Fotal	30	

СО	Course Outcomes: At the end of the course learners will be able to											
CO1	Explain the communication process, its types, and barriers to effective communication.											
	communication.											
CO2	Draft various types of business letters and professional correspondence.											
CO3	Develop oral communication skills and prepare for interviews and group discussions.											
CO4	Create business reports, agendas, and resumes for professional use.											
CO5	Utilize modern communication tools, including social media and virtual platforms,											
	in business contexts.											

Text Bo	oks:
1	Krishan Mohan & Meena Banerji, Developing Communication Skills, Macmillan India Ltd, 2008
2	Mallika Nawal, Business Communication, Cengage Learning, 1st Edition, 2019.
Reference	e Books:
1	Rajendra Paul & J S Kovalahalli, Essentials of Business Communication, Sultan Chand & Sons, New Delhi, 2017
2	Dr.C B Gupta, Basic Business Communication, Sultan Chand & Sons, New Delhi, 2017
3	R C Sharma & Krishan Mohan, Business Correspondance and Report Writing, Mc Graw Hill, India Pvt Ltd., New Delhi, 2006
4	Kevin Galaagher, Skills Development for Business and Management Students, Oxford University Press, Delhi, 2010
5	Stephen P. Robbins & Mary Coulter, Management, Pearson Education, 14th Edition, 2019.
Web R	esources:
1	https://www.managementstudyguide.com/business_communication.html
2	https://studiousguy.com/business-communication/
3	https://owl.purdue.edu/owl/subject_specific_writing/professional_technical_writing/busin ess_writing.html
4	https://www.skillsyouneed.com/write/report-writing.html
5	https://www.forbes.com/sites/forbestechcouncil/2020/10/13/the- evolution-of- communication-in-the-business-world/

	<b>PO1</b>	PO2	PO3	PO4	PO5	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	PSO1	PSO2	PSO3
CO1	2	3	2	3	3	3	3	3	3	3	3
CO2	3	3	2	3	2	3	3	3	3	3	2
CO3	2	3	3	2	3	3	3	3	3	3	3
CO4	3	2	3	3	3	3	3	3	3	3	3
CO5	3	2	3	3	3	3	2	3	2	3	3
Total	13	13	13	14	14	15	14	15	14	15	14
Average	2.6	2.6	2.6	2.8	2.8	3	2.8	3	2.8	3	2.8