SVKM's NMIMS Deemed-to-be University Mukesh Patel School of Technology Management and Engineering

(VT)]	MBA T	1 0	rams [except C er / B Tech Int ntegrated IT		· · ·	Semester II	I/IV / VII ,	/ VIII
	-	ability and S	8			Module Co	de 702BS0C	034
		Teaching				Evaluatio	on Scheme	
Lect (Hor per w	urs	Practical (Hours per week)	Tutorial (Hours per week)	Credit	Assessm	Continuous nent (ICA) ks - 50)	Ter: Examina	m End tions (TEE) ks- 100)
2	2	2	0	3	```	caled to 50		Scaled to 50
Pre-re	equisite	Nil						
techni proba Cours After o 1.	hypothesis, correlation and regression 2. Identify suitable probability distribution and testing techniques to solve related problems							and tools in omain. ; of problems
	Analy led Syl		ples using stati	stical metho	ods			
Unit	Desc	ription						Duration
1		Probability pility spaces,	, conditional pr	robability, ii	ndependenc	e; Bayes theo	rem.	03
 Random variables and Probability Distributions Discrete random variables, probability mass function, cumulative distribution function, Independent random variables, Continuous random variables, distribution functions and densities, expectation, variance, raw and central moments of random variables, Binomial distribution, Poisson approximation to the binomial distribution, Normal distribution. 						es, entral	06	
3		ate Distribu tion of Bivar	tions iate Distributio	on and their	properties,	Conditional	densities.	02
4	Measu skewn Mean	ess, kurtosis and variance	al tendency; M 3. e of Binomial d sis for Normal (istribution	& Poisson d	C		02

(Prepared by Corned Faculty/HOD)



AY 2024 - 25

SVKM's NMIMS Deemed-to-be University Mukesh Patel School of Technology Management and Engineering

5	Testing of hypothesis Point estimation, Interval estimate and Confidence interval, Criteria for good estimates, Null and Alternate hypothesis, Test Statistic, Type I and Type II errors, One-tailed and two-tailed test, Critical region, Large sample statistical test for mean, Large sample statistical test for proportion, t-test for small samples, Test for variance- F test, Chi-square test for Goodness of fit and independence of attributes, Analysis of variance.	12
6	Linear Statistical Models Scatter diagram, Linear regression and correlation, Least squares method, Rank correlation, Multiple regression.	05
	Total	30
Text I	Books	
1.	Veerarajan T, <i>Probability, Statistics and Random Processes</i> , McGraw hill Education, 4 Edition, 2017.	<u>L</u> th
2.	S. Ross, A First Course in Probability, Pearson Education India, 9th Edition, 2013.	
Refer	ence Books	
1.	W. Feller, <i>An Introduction to Probability Theory and its Applications</i> , Vol. 1, John Will Edition, 2017.	ley & Sons, 3 rd
2.	Devore, <i>Probability and Statistics for Engineering and Sciences</i> , Cengage Learnin Edition, 2009.	ng, 2 nd Indian
3.	Irwin Miller, John E. Freund and R. A. Johnson, <i>Probability & Statistics for Engi</i> Education India, 8th Edition, 2015.	<i>nees,</i> Pearson
4.	S. C. Gupta, V. K. Kapoor, <i>Fundamentals of Mathematical Statistics</i> , Sultan Chand & Edition, 2014.	Sons, 12 th
5.	Murray R. Spiegel, John J. Schiller, R. Alu Srinivasn, <i>Probability and Statistics</i> , McC Education, 4 th Edition, 2013.	Graw Hill
Labor	atory Work	
) experiments based on the syllabus.	
	- •	

(Prepared by Corned Faculty/HOD)



AY 2024 - 25

Due entre terre					Compation	TTT / TTT / '	
Program:		Computor Er	nainoorina	IT	Semester:	III/ IV/	V/IX/VIII
	MBA Tech (C	-	igmeering,	,11,			
	Intelligence) AI and DS, A		CRC Cyba	*			
	Computer Sc		.5D5, Cybe	1			
	puter / B Tecl	/	IT				
	Operating Sys		11		Code : 7020	-01000	
Course.	Teaching					ion Schei	m o
Lecture	Practical	Tutorial		Into	ernal	ion Schei	
(Hours	(Hours	(Hours	Credit		nuous	т	erm End
per	per	per	Cieun		ent (ICA)		minations
week)	week)	week)			ks -50)		(marks -100)
Weeky	weeky	weeky		(interior	xs 50)	(122)	(marks 100)
2	2	0	3	Marks Sc	aled to 50	Marks	s Scaled to 50
Prerequis	site: Program	mming, Cor	nputer Org	ganization	and Archite	cture, Da	ta Structures
and Algo	0	0	- (~			
Course C							
The object	ctive of this	course is to	o provide a	an introdu	ction to fur	nctions of	f the computer
operating	g system.						
Course C	outcomes						
After con	npletion of th	e course, st	udents will	l be able to	• -		
1. De	escribe the fu	ndamental	concepts of	f Operating	g system		
2. Ap	oply process	managemer	nt strategie	s			
		ory manager	ment, I/O	manageme	ent and file r	nanagem	ent strategies.
Detailed	Syllabus						
	escription						Duration
	perating Sy						02
	inctions, ev		-			-	
	rocesses, File		Calls, Laye	red structu	are v/s Mor	nolithic	
	ructure of OS						
	rocess and						06
	ontrol Block			•	_		
	etween Proce					, study	
	nd compariso					_	
	rocess Con		1		5	Mutual	06
	xclusion-Har		pproaches,			onitors,	
	lessage Pass				eader's / V	Vriter's	
	roblem, Prod						
	eadlock: Prin						05
	voidance: Ba			flock detec	tion and Re	covery,	
D	ining Philoso	opher Probl	em				

Jan



5	5	Memory Management: Memory Management Requirements,	06
		Memory Partitioning, Paging, Segmentation, Page Replacement	
		algorithms	
6	6	I/O Management and Disk Scheduling: I/O devices, organization	03
		of I/O function, I/O buffering, Disk structure, Disk scheduling	
		algorithms	
5	7	File Management: Overview, File Organization, File Directories,	02
		File Sharing	
		Total	30
Te	xt B	ooks	
1.	Silb	erschatz A. Galvin, Operating Systems Principles, 10th Ed., Global Edition	ons, 2023.
2.	Wil	liam Stallings, Operating Systems: Internals and Design Principles, 9th Ed	ition,
	Pea	rson Education, 2018.	

Reference Books

1. Andrew S. Tannenbaum, *Modern Operating System*, 4th Edition, Pearson Education, 2016.

Laboratory Work:

8 to 10 experiments (and a practicum where applicable) based on the syllabus.



Signature (Prepared by Concerned Faculty/HOD)



0		BA Tech IT/	B Tech CSE	(Cybersecurity)/B	Semester: IV	/VIII
	ntegrated (IT)	1.D.				<u>C001</u>
Course: Object Oriented ProgrammingCode: 702IT0Teaching SchemeEvaluation Scheme			C021			
			r	Evalua	tion Scheme	
Lectu (Hou per week	rs (Hours	Tutorial (Hours per week)	Credit	Internal Continuou Assessment (ICA) (Marks - 50)	Examinat (Mark	n End ions (TEE) cs- 100)
2	2	0	3	Marks Scaled to 50		xamination caled to 50
Pre-rec	quisite: Program	ming for Pro	oblem Solvin	g		
To intr To und progra Course After c	lerstand and diffe mming e Outcomes completion of the	course, the s	ween object-o	digm to solve business priented programming be able to - s in Java such as defini	and procedura	
2. 3.	invoking method	ds, handling s for a giver nheritance ir	exceptions e problem us OOP parad	tc sing the concepts of A igm	0	0,
	-				I	
Unit	Description					Duration
Unit 1	Introduction	t Orientatior	n, Class and (Dbjects, Primitive Obje	ct types.	Duration 4
	Introduction Review of Objec Strings and Arra	ays		Objects, Primitive Obje Operators, Loop Con		
1	Introduction Review of Object Strings and Arra Strings, String b Making Object Oriented	ays ouffer, Array I Systems	ys, Vectors,		trol, Decision	4
1	Introduction Review of Object Strings and Arra Strings, String h Making Object Oriented Encapsulation, O	ays ouffer, Array I Systems Constructors,	ys, Vectors,	Operators, Loop Con	trol, Decision	4
1 2 3	Introduction Review of Object Strings and Arra Strings, String I Making Object Oriented Encapsulation, O riding), Modelling Class UML Class Diag	ays puffer, Array I Systems Constructors, Ses ram, Associa 5 diagrams, I	ys, Vectors, , Inheritance, ations and m	Operators, Loop Con	trol, Decision loading, Over	4 4 6
1 2 3	Introduction Review of Object Strings and Arra Strings, String I Making Object Oriented Encapsulation, O riding), Modelling Class UML Class Diag developing class Programming La Exception Hand	ays ouffer, Array I Systems Constructors, ses ram, Associa s diagrams, I anguage. ling	ys, Vectors, , Inheritance, ations and mu Implementin	Operators, Loop Con , Polymorphism (Over ultiplicity, Generalizat g class diagrams in O	trol, Decision loading, Over ion. Process of bject Oriented	4 4 6
1 2 3 4	Introduction Review of Object Strings and Arra Strings, String I Making Object Oriented Encapsulation, O riding), Modelling Class UML Class Diag developing class Programming La Exception Hand	ays ouffer, Array I Systems Constructors, ses ram, Associa s diagrams, I anguage. ling	ys, Vectors, , Inheritance, ations and mu Implementin	Operators, Loop Con , Polymorphism (Over ultiplicity, Generalizat	trol, Decision loading, Over ion. Process of bject Oriented	4 4 6 4
1 2 3 4	Introduction Review of Object Strings and Arra Strings, String h Making Object Oriented Encapsulation, O riding), Modelling Class UML Class Diag developing class Programming La Exception Hand Pre defined Exce Exception. IO Streams	ays puffer, Array I Systems Constructors, Ses ram, Associa diagrams, I anguage. ling eptions, Try-4	ys, Vectors, , Inheritance, ations and mu implementin Catch-Finally	Operators, Loop Con , Polymorphism (Over ultiplicity, Generalizat g class diagrams in O	trol, Decision loading, Over ion. Process of bject Oriented	4 4 6 4
1 2 3 4 5	Introduction Review of Object Strings and Arra Strings, String h Making Object Oriented Encapsulation, O riding), Modelling Class UML Class Diag developing class Programming La Exception Hand Pre defined Exce Exception. IO Streams	ays puffer, Array I Systems Constructors, Ses ram, Associa diagrams, I anguage. ling eptions, Try- ceams, Chara	ys, Vectors, , Inheritance, ations and mu implementin Catch-Finally	Operators, Loop Con , Polymorphism (Over ultiplicity, Generalizat g class diagrams in O y, Throws, throw, User	trol, Decision loading, Over ion. Process of bject Oriented	4 4 6 4 3



30

Total

Text Books

- 1. Y. Daniel Liang, *Introduction to Java Programming, Comprehensive Version*, Global Edition, 11th Edition, Pearson Education, 2019.
- 2. Herbert Schildt, Java 2: The Complete Reference, 5th Edition, McGraw-Hill Education, 2017.
- 3. Cay S. Horstmann, *Core Java Volume I Fundamentals*, 11th Edition, Pearson, 2018

Reference Books

- 1. Herbert Schildt, Java: A Beginner's Guide, 8th Edition, McGraw-Hill Education, 2018.
- 2. Joshua Bloch, Effective Java, 3rd Edition, Addison Wesley, 2017.

Laboratory Work

8 to 10 Programming exercises (and a practicum) based on the syllabus.

Signature (Head of the Department)



<u> </u>	Tech and MB	•		grated (IT)			ester: IV/VII	
Course : Principles of Artificial Intelligence Teaching Scheme			Code: 702IT0C004 Evaluation Scheme			1		
Testure	0				Eval	uatioi	Scheme	
Lecture (Hours per week)	Practical (Hours per week)	Tutorial (Hours per week)	Credit	Assess	Continu ment (IC arks- 50)		Term Examinatio (Marks	ons (TEE)
2	2	0	3	Marks	Scaled to	50	Marks Sca	aled to 50
Pre-requisit	e: Computer	Programming	g and Data	Structures	3.			
student to learning. Course Out After compl 1. Explain t 2. Discuss	a strong found apply these	techniques ir purse, the stud basic principle representation	dent will b dent will b es of AI in and app	e able to – solutions	h involvo	e perc	eption, reas	oning and
	and design a		-		tation of 1	NLP n	nethods	
Detailed Sy		•						
Unit Des	cription							Duration
Over	duction view and hist cope of symbc			0 1	nysical sy	mbol s	systems and	3
Probl uninf deep AO*)	lem Solving em spaces (s formed searc ening), heuris , minimax sea nax search), co	ch (breadth- tics and infor arch, alpha-be	first, dep med searc eta prunin	oth-first, h (hill-clin g, two-pla	depth-firs nbing, gei yer game	t with neric b rs (intr	th iterative est first, A*, coduction to	8
Build	vledge and R ling a knowled em proving.		positional	logic, first	order log	gic, res	solution and	6
	ning view of differ ing Bayesian 1		0	0		rees, j	probabilistic	7
Lang classi	duction to Na uage models fication, infor ering.	s, n-grams,	vector sp	pace mod	0			6
Tota	1							30

Education, 2015.



2. Stuart Russel and Peter Norvig, *Artificial Intelligence A Modern Approach*, 4th Edition, Pearson Education, 2010.

Reference Books

1. Elaine Rich, Kevin Knigh and Shivashankar B Nair, *Artificial Intelligence*, 3rd Edition, Tata McGraw Hill, 2017.

Laboratory Work

8 to 10 Programming exercises (and a practicum) based on the syllabus.

Signature (Head of the Department)



Program:	B Tech and M	BA Tech IT/	B Tech Inte	egrated (IT)		Seme	ster: IV/VIII	
Course: Programming for Analytics							702IT0C022	
-	Teaching		Γ		Eva	aluatio	n Scheme	
Lecture (Hours per week)	Practical (Hours per week)	Tutorial (Hours per week)	Credit	Internal Assessn (Mar		CA)	Examinat (Mark	n End ions (TEE) cs- 100)
1	2	0	2	Marks S	Scaled t	o 50		xamination aled to 50
Course C To build controllin Course C After com 1. Crea 2. Gene	basic program ng, and manipu putcomes npletion of the te data sets sui erate summary	nming skills ulating data course, the s itable for ana reports	required fo sets. student will lysis	or Analytics		ling tec	hniques for	processing,
	ss and manipu orm data transi Syllabus							
	Description							Duration
Do Ec O	troduction efining Data cosystem, Und verview of Dat ccessing Data	erstanding I ta Repositori	Different Ty es, Data Wr	pes of File l angling and	Formate	s, Sourc		2
	kamining data oducing enhai		0	g, grouping	report o	lata an	đ	
Re In ha	eading Data S eading and cus troduction to andling missin eading spreads	stomizing a c reading raw g data.	data files, 1	0	ndard d	lelimite	d data and	3
U or Co or A	anipulating D sing functions perations using ombining Dat ne, merging da nalyzing data s ining techniqu	s, conditiona g arrays. a Sets: Conce ta sets one-to sets and crea	atenating da o-many, and	ata sets, mer l merging d	ging da ata sets	ata sets with n	one-to- o matches.	4
M m	ata Transform anipulating ch anipulating nu sing various Do	aracter varia ımeric varial	oles based o	0				3
]	Fotal	-						15



Text Books

- **1.** Albright S.C., *Business Analytics: Data Analysis & Decision Making*, 7th Edition, Cengage Publication, 2020.
- 2. Lora D Delwiche, *The Little SAS Book: A Primer*, 6th Edition, SAS Institute, 2019.

Reference Books

- 1. Ron Cody, *Learning SAS by Example: A Programmers Guide*, 2nd Edition, SAS Institute, 2018.
- 2. Charles R. Severance, *Python for Everybody: Exploring Data in Python 3*, 3rd Edition, Amazon Digital Services, 2016.
- 3. Garrett Grolemund, *R for data science: Import, Tidy, Transform, Visualize, And Model Data,* 1st Edition, O'Reilly publication, 2017.

Laboratory Work

• 8 to 10 Programming exercises (and a practicum) based on the syllabus.

Signature (Head of the Department)



0	am: B Tech and M rsecurity)/B Tech				emester: IV/VI	.1
	e: Data Warehous	ing and Min	,	Code: 702IT0C012		2
	Teaching			Evalua	tion Scheme	
Lectu (Hou per wee	r (Hours r per week)	Tutorial (Hours per week)	Credit	Internal Continuous Assessment (ICA) (Marks- 50)	Examinat	n End tions (TEE) ks- 100)
2	2	1	4	Marks Scaled to 50		caled to 50
and A	e quisite : Programr Algorithms Se Objective	ning for Prol	olem Solvin	g, Data Base Manageme	nt Systems, Da	ta Structures
data n and to analyt	nining. The data w echniques, which	varehousing are behind DLAP) fields.	part of moc l recent de Data minin	familiar with the conce lule aims to give studer velopment in the data g part of the module air al problems.	nts an overview warehousing	of the ideas and online
Cours	e Outcomes					
1. 2. 3. Detail	providing soluti Understand ETI Select and imple led Syllabus	fundamenta ons to real w L, analytical	als of Data vorld proble processing a	Warehouse, Data Minii	y in data ware	house 11 problems
Unit	Description					Duration
1	Introduction Need for Data w planning and ma			ents of DW and trends i e requirements.	n DW, Project	3
2		omponents, deling, dime	infrastruct	Representation ture and metadata, deling advance topics, d	1	6
3	Information acc Matching inform			, OLAP in data wareho	using	6
4		ining, related	d concepts,	data mining techniques es, KDD Process.	,	2
5	Classification Issues in Classifi classification	cation, Statis	stical Based,	Distance-Based and D	ecision-Based	5
6	Clustering and A Hierarchical and			Basic Association Rule	Algorithms	4



	Applications, systems products and research prototypes, additional themes in data mining, trends in data mining. Introduction to Web Mining and Spatial Mining	
	Total	30
Text B	Books	
1. M	largaret Dunham, Data mining: Introductory and Advanced Topics, 1st Editi	on, Pearson
E	ducation, 2008.	
2. Pa	ang-Ning Tan, Michael Steinbach, Anuj Karpatne and Vipin Kumar, Introdu	ction to data
т	ining, 10 July Edition, Pearson Education, 2016.	
3. Pa	aulraj Ponnian, Data warehousing: Fundamentals IT Professionals, 2 nd Edition, John	Wiley India
P	vt. Ltd., 2012.	-
Refere	ence Books	
1. Jia	awei Han and Micheline Kamber, Data Mining Concepts and Techniques, 3rd Edit	ion, Morgan
K	auffmann, 2011.	
2. A	lex Berson and Stephen J.Smith, Data Warehousing, Data Mining & OLAPI, 35th I	Reprint ,Tata
Μ	lcGraw – Hill, 2016.	
Labora	atory/Tutorial Work	
8 to 10	Programming exercises (and a practicum) / Tutorial exercises based on the syll	abus.

Signature (Head of the Department)



B Tech (A BTI Comp	B Tech / M AI & ML, Cy outer Engine Computer Or	ber Security ering and In	, CSBS)			er: IV/III/VIII 02CO0C023
Teaching Lecture (Hours per week)	Scheme Practical (Hours per week)	Tutorial (Hours per week)	Credit	Evaluation Sche Internal Conti Assessment ((Marks	nuous ICA)	Term End Examinations (TEE) (Marks- 100)
3 Proroquia		0	3	Marks Scaled	to 50	Marks Scaled to 50

Prerequisite: NA

Course Objective

To provide knowledge of the basic principles of the organization, operation and performance of modern day computer systems and the underlying semiconductor circuit architectures used to construct parallel computer components.

Course Outcomes: After completion of the course, student will be able to -

- 1. Discuss the functional blocks of computers and the interconnections
- 2. Evaluate the memory system
- 3. Explain the components of the Central Processing Unit
- 4. Describe Input Output and Parallel Organization

Detailed	Detailed Syllabus						
Unit	Description	Duration					
1	Overview	03					
	General Organization and architecture, Structural/functional						
	view of a computer, Computer Functional Components.						
2	System Buses	06					
	Overview of basic instruction cycle, Interrupts, Bus						
	interconnection, Elements of bus design, Read and write timings						
	diagram, Bus hierarchy, Bus arbitration techniques.						
3	Memory Organization	10					
	Internal Memory- Memory characteristics and memory						
	hierarchy. Cache Memory- Elements of cache design, Address						
	mapping and Translation-Direct mapping, Address mapping and						
	translation- Associative mapping, Address mapping and						
	translation -Set associative mapping, Performance characteristics						
	of two level memory, Semiconductor main memory- Types of						
	RAM, DRAM and SRAM, Chip logic, Memory module						

Signature (Prepared by Concerned Faculty/HOD)



	organization. High speed memories- Associative memory, High	
	speed memories- Interleaved memory.	
4	Data noth Dasign	09
4	Data path Design	09
	IEEE 754 data format, IEEE 754 data format numerical, Design of	
	serial and parallel adder and subtractor, Booth's algorithm, ALU -Combinational and sequential ALU. Block diagrams of high	
	speed adders multipliers, Block diagrams of high speed	
5	multipliers, Overview of math coprocessor.	06
5	Central Processing Unit Regis Instruction Cycle and Instruction set Formate and	00
	Basic Instruction Cycle and Instruction set, Formats and	
	addressing, Processor Organization and Register Organization, Instruction Pipelining, Co-processors, Pipeline processors, RISC	
	and CISC computers.	
6	Control Unit and Peripheral Devices	09
0	Control Unit- Micro Operations, Hardwired Implementations,	09
	Micro Programmed control, Micro instruction format and	
	applications of microprogramming, I/O modules- Programmed	
	I/O, I/O modules-Interrupt Driven I/O, DMA.I/O processors	
	and channels, General-Purpose Graphics Processing Unit, GPU	
	applications, synchronization, coherence.	
7	Multiprocessor Processor Organizations	02
	Flynn's classification of parallel processing Systems, Superscalar	-
	Processors.	
	Total	45
Text Boo	ks	
	illiam Stallings, Computer Organization and Architecture: Designing and	Performance.
	entice Hall, 11 th Edition, Pearson Education, 2022.	
	hn P. Hayes Mc-Graw Hill, Computer Architecture and Organization, 2^{nc}	^d Edition, 2010
	BN-13 : 978-1259028564	,
3. M	orris Mano, Computer System Architecture, PHI, 3rd Edition, Pearson	Education,
	17.	
Pafarana	a Books	

Reference Books:

- 1. Andrew Tannenbaum, *Structured Computer Organization*, 6th Edition, PHI, Pearson Education, 2016.
- 2. Carl Hamacher, Zvonko Vranesic, Safwat Zaky, Naraig "Computer Organization and *Embedded Systems*" 6th Edition, 2023.

Hor.

Signature (Prepared by Concerned Faculty/HOD)



SVKM's NMIMS Deemed-to-be University Mukesh Patel School of Technology Management and Engineering

Course :	Management Accou	0 0			Code :			
Teaching Scheme				Evaluation Scheme				
Lecture (Hours p week)	per (Hours per	Tutorial (Hours per week)	Credit	Assessment (ICA) Exami		Examinat	[°] erm End Inations (TEE) Iarks- 100)	
2	0	0	2	Marks Sca	led to 50	Marks Se	caled to 50	
Pre-requi Course O								
The cours	se provides a concep counting – cost ascer		0	-		managerial	decision	
Course O		.1 . 1 .	.11.1 1.1					
	pletion of the course							
	cplain the concepts o nderstand different t			0	0	at		
	nalyse the profitabili	51			-			
	alculate the various t	-			L			
	uild a flexible budget							
	0							
Detailed	Gullaburg							
Detailed Unit	3						Duratior	
Detailed Unit 1	Syllabus Description Introduction to Acc Accounting Inform Limitations of Fina Accounting	ation, Financia	l Statemer	nts, Branches	of Account	ting,	Duratior 4	
Unit	Description Introduction to Acc Accounting Inform Limitations of Fina	ation, Financia ncial Accountin Meaning and I rences Betweer	l Statemer ng, Evolut Definition	nts, Branches ion of Cost a - Need and I	of Account nd Manage mportance	ting, ement of Cost	Duration 4 2	
Unit 1	Description Introduction to Acc Accounting Inform Limitations of Fina Accounting Cost Accounting - Accounting - Diffe	ation, Financia ncial Accountin Meaning and I rences Betweer Accounting	l Statemer ng, Evolut Definition n Financial	nts, Branches ion of Cost a - Need and I	of Account nd Manage mportance	ting, ement of Cost	4	
Unit 1 2	Description Introduction to Acc Accounting Inform Limitations of Fina Accounting Cost Accounting – Accounting – Diffe and Management A	ation, Financia ncial Accountin Meaning and I rences Betweer Accounting Classifications Meaning, Object	l Statemer ng, Evolut Definition n Financial	nts, Branches ion of Cost a – Need and I l Accounting vantages, Te	of Account nd Manage mportance and Cost A	ting, ement of Cost Accounting nd Types	4	
Unit 1 2 3	DescriptionIntroduction to AccAccounting InformLimitations of FinaAccountingCost Accounting -Accounting - Diffeand Management ACost Concepts andMaterial Control -	ation, Financia ncial Accountin Meaning and I rences Betweer Accounting Classifications Meaning, Object – ABC, VED,F	l Statemer ng, Evolut Definition n Financial ctives, Ad SN,MRP,J	nts, Branches ion of Cost a - Need and I l Accounting vantages, Te IT, Material	of Account nd Manage mportance and Cost A	ting, ement of Cost Accounting nd Types	4 2 2	
Unit 1 2 3 4	Description Introduction to Acc Accounting Inform Limitations of Fina Accounting Cost Accounting – Diffe and Management A Cost Concepts and Material Control – of Material Control Control Control	ation, Financia ncial Accountin Meaning and I rences Betweer Accounting Classifications Meaning, Object – ABC, VED,F	l Statemer ng, Evolut Definition n Financial ctives, Ad SN,MRP,J on of Cost	nts, Branches ion of Cost a - Need and I I Accounting vantages, Te IT, Material Sheet	of Account nd Manage mportance and Cost A	ting, ement of Cost Accounting nd Types	4 2 2 4	
Unit 1 2 3 4 5	Description Introduction to Acc Accounting Inform Limitations of Fina Accounting Cost Accounting – Accounting – Diffe and Management A Cost Concepts and Material Control – of Material Control Cost Calculation of Cost	ation, Financia ncial Accountin Meaning and I rences Betweer Accounting Classifications Meaning, Object - ABC, VED,F and Preparation nd Cost-Volum nd Variance A	l Statemer ng, Evolut Definition n Financial ctives, Ad SN,MRP,J on of Cost ne-Profit A nalysis – N	nts, Branches ion of Cost a – Need and I I Accounting Vantages, Te IT, Material Sheet Analysis Material Vari	of Account nd Manage mportance and Cost A chniques a Levels and	ting, ement of Cost Accounting nd Types EOQ	4 2 2 4 5	
Unit 1 2 3 4 5 6	Description Introduction to Acc Accounting Inform Limitations of Fina Accounting Cost Accounting – Accounting – Diffe and Management A Cost Concepts and Material Control – of Material Control – Of Material Control a Calculation of Cost Marginal Costing a Standard Costing a	ation, Financia ncial Accountin Meaning and I rences Betweer Accounting Classifications Meaning, Object - ABC, VED,F and Preparation nd Cost-Volum nd Variance A Variances – Coo ng, Types of Bu	l Statemer ng, Evolut Definition n Financial ctives, Ad SN,MRP,J on of Cost ne-Profit A nalysis – N ost, Rate a	nts, Branches ion of Cost a – Need and I I Accounting Vantages, Te IT, Material Sheet Analysis Material Variand Efficiency	of Account nd Manage mportance and Cost A chniques a Levels and	ting, ement of Cost Accounting nd Types EOQ st, Price	4 2 2 4 5 5 5	

2. Ramanathan, S., "Accounting for Management", Latest Reprint Oxford University Press, New Delhi, 2014.

Reference Book

1. Horngren C. T., Sundem G. L., & Stratton W. O., "Introduction to Management Accounting", 17th Edition, Pearson Educación, 2022.

Signature (Head of the Department)

