

### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

### $\boldsymbol{SEMESTER-I}$

S.	Course	Course Name	Category	Hou	Hours per week		
No.	codes			L	T	P	ts
1.	21E00101	Management & Organizational Behaviour	CC	4	0	0	4
2.	21E00102	Business Environment & Law	CC	4	0	0	4
3.	21E00103	Managerial Economics	CC	4	0	0	4
4.	21E00104	Financial Accounting for Managers	CC	4	0	0	4
5.	21E00105	Statistics for Managers	CC	4	0	0	4
6.	21E00106	Management Information Systems	CC	4	0	0	4
7	21E00107	Business Communication Practice	SC	0	1	2	2
8.	21E00108	Information Technology Lab	SC	0	1	2	2
		TOTAL		24	2	4	28

### SEMESTER - II

S.No.	Course codes	Course Name	Category	Hou	ırs pe	er week	Credits
				L	T	P	
1.	21E00201	Financial Management	CC	4	0	0	4
2.	21E00202	Marketing Management	CC	4	0	0	4
3.	21E00203	Human Resource Management	CC	4	0	0	4
4.	21E00204	Business Research Methods	CC	4	0	0	4
5.	21E03201	Macro Economics	CC	4	0	0	4
6.	21E03202	R- Programming	CC	4	0	0	4
7.	21E00207a 21E00207b	General Elective – I Advanced Communication E-Business Industry 4.0 & Innovation	SC	2	0	0	2
8.	21E00208	Data Analytics Lab	SC	0	1	2	2
		TOTAL		26	1	2	28



### MASTER OF BUSINESS ADMINISTRATION (FINTECH) SEMESTER - III

S.N	Course	Course Name	Categor	Ho	urs p	er	Credits
0.	codes		y		T	P	
1	21E00301	Strategic Management	CC	4	0	0	4
2	21E00302	Green Business Management	CC	4	0	0	4
3	21E01301	Financial Information Systems	SE	4	0	0	4
4	21E01302	Valuations of Mergers and Acquisitions	SE	4	0	0	4
5	21E01303	Investment and Portfolio Management	SE	4	0	0	4
6	21E03301	Crypto currencies and Block chains	SE	4	0	0	4
7	21E00307b 21E00307c 21E03302	General Elective – II (MOOCS) Project Management Business Ethics & Corporate Governance Innovative Payment Methods	GE	2	0	0	2
8	21E00308	Business Simulation Lab	SC	0	0	2	1
9	21E00309	Experiential Learning Project	PR	0	0	2	1
		TOTAL		2	0	4	28

### **SEMESTER - IV**

S.No.	Course	Course Name	Category	Hours per			Credits
	codes			L	T	P	
1.	21E01401	*Derivatives and Risk Management	SE	4	0	0	4
2.	21E00402a	* International Financial Management	SE	4	0	0	4
3.	21E03401	Project Work	PR	0	0	20	10
		TOTAL		8		20	18

<sup>\*</sup>Students going for Industrial Project can complete these courses through MOOCs during the period of III and IV semester.



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code 21E00101	MANAGEMENT & ORGANIZATIONAL BEHAVIOUR	L T 4 0	P 0	C 4
21200101	Semester	7 0	I	
Course Objective				
_	t basic conceptual knowledge on Management theories and Practic			
	re higher productivity and accomplishing the goals of the organiza	tion.		
	s (CO): Student will be able to			
	nd concepts, theories and practices	4h.a. 1a.a	1	af
	eoretical knowledge in managing the organization and Know			
	s at individual, group and organisational levels at work pla	ce una	r alli	erent
leadership UNIT - I	styles.	Lastum	a I Imaa	0
	l nent – Concept – Significance – Functions – Principles of Manag	Lectur		
	entific – Behavioural – Systems – Contingency.	cilicilt -	1 auci	115 01
<u> </u>	Dominione Systems Commissioney.			
UNIT - II		Lectur		
	& Controlling – Process – Techniques. Planning – Process – Prol			
	lling - System of Controlling - Controlling Techniques - M	laking	Contro	olling
Effective.		Τ.	77	1.0
UNIT - III	ing 0 Mating in Hadanta dia India la Dalaniana Dana	Lectur		
	iour & Motivation —Understanding Individual Behaviour — Perce s — Johari window- Transactional Analysis- Motivation— Conce			
	ories of Maslow, Herzberg, David McClelland, and Porter and Law		ionvai	1011 -
UNIT - IV	2110 01 112001 11, 11012001S, 2 1110 110 110 110 110 110 110 110 110	Lectur	e Hrs:	12
Group Behavior	Leadership: Benefits of Groups - Types of Groups - Gro	up Fori	nation	and
	adership and Organizational Culture and Climate: Leadership			
	– Transactional Vs Transformational Leadership – Qualities of go	od lead	er- Wo	omen
Leadership in Ind	1 <b>a.</b> I	т ,	77	1.0
UNIT - V	 sehaviour=Organizing Process	Lectur		
	sational culture- Types of culture – Organisational Culture Vs Org			
	ement -Change Management.	Samsanc	nui cii	mace
Textbooks:				
	s of Management, Koonz, Weihrich and Aryasri, Tata McGraw Hill			
	tional Behaviour: Design, Structure and Culture, Gupta, Willey			
	ent and Organisational Behaviour, Subbarao P, Himalaya Publish	ing Hou	se	
Reference Books				
	nisational Behaviour, S.S.Khanka, S.Chand nisational Behaviour, Stephen P. Robbins, Pearson Education			
	nisational Behaviour, Mishra .M.N ,Vikas			
_	gement and Organisational behaviour, Pierce Gordner, Cengage.			
	viour in Organizations, Hiriyappa .B.New Age Publications			
	nisational Behaviour, Sarma, Jaico Publications.			
	iples of Management ,Murugesan ,Laxmi Publications			
Online Learning	Resources:			



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https://onlinecourses.nptel.ac.in/noc20\_mg51/preview https://onlinecourses.swayam2.ac.in/cec20\_mg03/preview https://onlinecourses.nptel.ac.in/noc20\_mg58/preview https://onlinecourses.nptel.ac.in/noc21\_mg30/preview



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	BUSINESS ENVIRONMENT & LAW	L	T	P	C
21E00102		4	0	<u>0</u>	4
	Semester			<u>I</u>	
Course Object	tives:				
To Intr relating	oduce business environment and various business environment factor g to business that have major repercussions on business enlighten. lain and update the changes that occur constantly in the sphere of business				ment
	mes (CO): Student will be able to				
	e the knowledge on business policies and environment factors to car	TVOU	t a b	usine	SS.
_	stand the various laws relating to business activities	,			
	ct and plan business effectively and efficiently in the light of information	rmat	ion o	n va	rious
	ss policies and laws.	ıııı		ii va	1003
UNIT - I	ss ponetes and laws.	Ιρα	ture	Hrs:	Q
	Business Environment:-Meaning, Components of Business Envi				
	Liberalization, Privatization and Globalization.	OIIII	iciit.	mau	striar
UNIT - II	Electrical Internation and Glocultation	Lec	ture	Hrs:	12
	cal and Trade Policy: Monetary& Fiscal Policy –,EXIM Policy, Ro				
	ments: WTO: Role and functions of WTO in promoting world trac				
and GATS, - D	dumping and Anti-dumping measures.				
UNIT - III		Lec	ture	Hrs:1	2
Law-Definition	-Need, classification and sources of Business Law, Law of Contra	ract	-1872	2 (Pa	rt-I):
	ract and essential elements of a valid Contract, Offer and Acceptanc			Con	tract
	: Consideration, Capacity to Contract and free consent, Legality of th				
UNIT - IV				Hrs:1	
Company Doc	et, 1956 (Part-I): Kinds of Companies, Formulation of Companuments. Company Act, 1956 (Part-II): Company Management, Dulutions, Auditors, Modes of Winding-up of a company.				
UNIT - V		Lec	ture	Hrs:1	2
governance, pe	echnology Act, 2000: Scope and Application of ITAct, 2000- Denalties and adjudication, cyber regulations appellate, tribunals, dutation Act, 2005 – GST Act 2017.				
Textbooks:					
	als of Business Environment, K.Aswathappa, Himalaya publishers.				
	mic Environment of Business, 7th Edition, Ahuja H.L. S.chand				
	ntile Law- Garg, Sareen, Sharma, Chawla, Kalyani publishers.				
Reference Boo					
	Economy, Dutt and Sundaram, S. Chand, New Delhi.				
	ss Environment – Text and Cases, Justin Paul, TMH.				
	Economy- Misra and Puri, Himalaya.				
	Aspects of Business, Ravinder Kumar, Cengage.				
<ul><li>A Man</li></ul>	ual of Business Laws, S.N. Maheshwari & Maheshwari, Himalaya.				

Business law for management, K.R.Bulchandani-Himalaya Publishing.

Business law, R.S.N Pillai, Bhagavathi, S.Chand

**Online Learning Resources:** 



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https://onlinecourses.swayam2.ac.in/imb22\_mg02/preview https://onlinecourses.nptel.ac.in/noc20\_lw02/preview https://onlinecourses.swayam2.ac.in/cec21\_mg02/preview



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	MANAGERIAL ECONOMICS	L	T	P	С
21E00103	MANAGERIAL ECONOMICS	4	0	0	4
	Semester			I	
Course Objectives:					
	ecision making skills at all levels of management				
	anagerial theories, behavioural theories and optimization method	ds fo	r eff	ective	and
	actioning of firms.				
	concept of demand, techniques to forecast demand and productio	n an	alysı	S	
considering		. 1			
	ce market structures and price strategies applicable under difference	ent	busin	iess	
	or various products.				
	(CO): Student will be able to		~		
	the relationship of Managerial economics with other functional	area	S.		
	chniques and methods to predict the demand scientifically.				
_	roduction levels and analyse the relationship of Cost-Volume Pro				
<ul> <li>Take inform</li> </ul>	ned decisions on price fixation under different market structure	es o	f the	econ	omy
under differ	ent scenario.				
UNIT - I		Le	cture	Hrs:	8
Introduction to Man	agerial Economics: Definition, Nature and Scope, Relationship	with	oth	er are	as in
Economics, Product	tion Management, Marketing, Finance and Personnel, Operation	ons 1	resea	rch -	The
role of managerial e	conomist. Objectives of the firm: Managerial theories of firm, B	ehav	iour	al the	ories
	n techniques, New management tools of optimization.				
UNIT - II				Hrs:	
	Demand Analysis - Law of Demand - Elasticity of demand, typ				
	nand. Demand estimation – Marketing research approaches to c	lema	ınd e	stima	tion.
	precasting, forecasting techniques.				
UNIT - III				Hrs:	
	s: Production function, Isoquants and Isocosts, Production func-				
	uglas Production Function, Returns to Scale and Returns to Fac				
	s - cost-output relationship in the short run and long run, Ave	erage	cos	t cur	ves -
Break Even Analysi	S.				
UNIT - IV				Hrs:	
	d Pricing practices: Features and Types of different competitive				
-	on in Perfect competition, Monopoly, Monopolistic competition				. •
	- Pricing methods in practice: Price discrimination, product li				
	g pricing, penetration pricing, Loss Leader pricing. Pricing of mu				
UNIT - V	one Cyalon. Definition and magning abane stanistics of Inflation			Hrs:	
inflation and Busine	ess Cycles:-Definition and meaning-characteristics of Inflation-	type	S OI	ınııat	10n -

#### Textbooks

- 1. Managerial Economics, Dwivedi D.N. Vikas Publishers
- 2. Managerial Economics, Gupta, TMH

#### **Reference Books:**

- 1. Managerial Economics, Pearson Education, James L.Pappas and EngeneF.Brigham
- 2. Managerial Economics, Suma Damodaran, Oxford.
- 3. Macro Economics by MN Jhingan-Oxford

phases of business cycle - steps to avoid business cycle

4. Managerial Economics- Dr.DM.Mithani-Himalaya Publishers

effects of inflation- Anti-Inflationary methods - Definition and characteristics of business cycles-



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

- 5. Managerial Economics-Dr.H.L Ahuja-S.Chand and Com pvt ltd, NewDelhi
- 6. Managerial Economics by Dominick Salvatore, Ravikesh Srivastava- Oxford University press. Managerial Economics by Hirschey- Cengage Learning

### **Online Learning Resources:**

https://onlinecourses.nptel.ac.in/noc21\_mg90/preview https://onlinecourses.nptel.ac.in/noc20\_mg67/preview



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	FINANCIAL ACCOUNTING FOR MANAGERS	L	T	P	C		
21E00104		4	0	0	4		
	Semester			<u>I</u>			
C Obi4i							
Course Objective		41	C C:		.1		
	luce accounting, accounting rules, accounting process and prepara	tion (	OI III	ianc1a	ίΙ		
statement							
	n methods of valuation of assets, re the meaning and interpretation of financial statements through	matia .	. m . 1 •	i.			
technique		ratio a	anary	/818			
Course Outcomes (CO): Student will be able to							
	ne financial statements with accounting knowledge						
_	e assets of the business organizations under different methods						
	the financial performance and position of the business organization	on on	d int	ornro	t tha		
		m and	u III	cipic	t tile		
	om the point of company and investor	_		**			
UNIT - I				Hrs:	_		
	counting: Definition, Importance, Objectives and principles of						
_	ook keeping Vs Accounting, Single entry and Double entry system	ns, ci	assii	icatic	n oi		
UNIT - II	of debit & credit. (Only theory)	Laa	t	Hrs:	12		
	Process: Overview, Books of Original Record; Journal and Subsic						
	Final accounts: Trading accounts- Profit & loss accounts- Ba						
	blems on Only Final Accounts)	manice	5 511	ceis	WILII		
UNIT - III		Tas	4	Hrs:1	2		
	sets: Introduction to Depreciation- Methods (Simple problems						
	hing balance method and Annuity method). Inventory Valuations			aigiii ethod			
	on (Simple problems from LIFO, FIFO).	.1011.	1010	tiiou	5 01		
UNIT - IV	Simple problems from En O, Fn O).	Lec	fure	Hrs:1	2		
	s -I Analysis and interpretation of financial statements from inv						
	quidity, leverage, solvency and profitability ratios – Du Pont Char						
Ratio Analysis).	quidity, leverage, solveney and promaciney radios — Bu I one char	. (11	Cusc	biuu	<i>y</i> 011		
UNIT - V		Lec	ture	Hrs:1	2		
Financial Analysi	s-II: Objectives of fund flow statement - Steps in preparation of fu	and fl	ow s	staten	nent,		
	sh flow statement- Steps in Preparation of Cash flow statement						
	ow statements - Funds flow statement Vs Cash flow statement. (C						
Textbooks:							
1. Financial	Accounting, Dr.S.N. Maheshwari and Dr.S.K. Maheshwari,	Vika	s F	ublis	hing		

- 1. Financial Accounting, Dr.S.N. Maheshwari and Dr.S.K. Maheshwari, Vikas Publishing House Pvt. Ltd.,
- 2. Accountancy .M P Gupta & Agarwal ,S.Chand

### **Reference Books:**

- 1. Financial Accounting ,P.C.Tulisan ,S.Chand
- 2. Financial Accounting for Business Managers, Asish K. Bhattacharyya, PHI
- 3. Financial Accounting Management An Analytical Perspective, Ambrish Gupta, Pearson Education
- 4. Accounting and Financial Management, Thukaram Rao, New Age Internationals.
- 5. Financial Accounting Reporting & Analysis, Stice&Stice, Thomson
- 6. Accounting for Management, Vijaya Kumar, TMH
- 7. Accounting for Managers, Made Gowda, Himalaya
- 8. Accounting for Management ,N.P.Srinivasan, &M.ShakthivelMurugan, S.Chand



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### **Online Learning Resources:**

https://onlinecourses.swayam2.ac.in/cec20\_mg02/preview

https://onlinecourses.swayam2.ac.in/imb19\_mg06/preview

https://onlinecourses.nptel.ac.in/noc19\_mg37/preview

https://www.coursera.org/learn/wharton-accounting



#### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code		L	T	P	C
21E00105	STATISTICS FOR MANAGERS	4	0	0	4
	Semester			I	
Course Objective					
<ul> <li>To explai</li> </ul>	n descriptive statistics and inferential statistics				
	uce various measurements used to describe the data and inter the	resul	ts of	the d	ata
analysis.					
To descri	ribe the concept of probability, theorems, and types of probability of	listri	butio	ons of	
data.					
	t the computational, analytical and interpretation skills using the da	ıta			
	s (CO): Student will be able to				
	nd statistical techniques popularly used to describe the data in n	nana	geria	1 dec	ision
making.					
<ul> <li>Know th</li> </ul>	e procedure involved in inferential statistics and appropriate tests f	or gi	ven o	lata.	
<ul> <li>Learn the</li> </ul>	computational skill, interpretation of results of the data analysis.				
	and differentiate various types of data distribution and its probability	v dis	stribı	ition.	
UNIT - I	31 1	•		Hrs:	12
	tatistics – Nature & Significance of Statistics to Business, , M				
	- Median - Mode; Measures of Dispersion: range, quartil				
	d deviation, coefficient of variation.				
UNIT - II		Le	cture	Hrs:	12
Correlation & R	legression: Introduction, Significance and types of correlation	on –	Me	asure	s of
correlation - Co-	-efficient of correlation. Regression analysis - Meaning and u	tility	of	regres	ssion
analysis – Compa	rison between correlation and regression - Properties of regression	n coe	effici	ents-I	Rank
Correlation.					
UNIT - III				Hrs:	
	eaning and definition of probability - Significance of proba-				
	eory of probability: Addition and multiplication - Binominal dis	strib	ution	– Poi	isson
	mal distribution.				
UNIT - IV				Hrs:	
	othesis- Hypothesis testing: One sample and Two sample test				
	ge samples (z-test), One sample and Two sample tests for means of	of sm	nall s	ample	es (t-
	est: One-way and two way ANOVA.	-			
UNIT - V				Hrs:	
	Methods: Importance of Non-Parametric method – difference by				
and non-parametr	ric methods; Chi-square test: Test of Goodness of fit - test for	or In	depe	ndenc	e of

#### **Textbooks:**

1. Statistical Methods, Gupta S.P., S.Chand.Publications

Attributes; Sign test: One sample and paired samples data.

2. Business Statistics, J.K.Sharma, Vikas house publications house Pvt Ltd

#### Reference Books:

- 1. Statistics for Management, Richard I Levin, David S.Rubin, Pearson,
- 2. Complete Business Statistics, Amir D. Aezel, Jayavel, TMH,
- 3. Statistics for Management, P.N.Arora, S.Arora, S.Chand
- 4. Statistics for Management ,Lerin, Pearson Company, New Delhi.
- 5. Business Statistics for Contemporary decision making, Black Ken, New age publishers.
- 6. Business Statistics, Gupta S.C & Indra Gupta, Himalaya Publishing House, Mumbai

#### **Online Learning Resources:**



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

https://onlinecourses.swayam2.ac.in/cec20\_mg13/preview https://onlinecourses.nptel.ac.in/noc20\_mg23/preview https://iimbx.iimb.ac.in/statistics-for-business-i/



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code 21E00106	MANAGEMENT INFORMATION SYSTEMS	1 L	T 0	P 0	C 4
21E00100	Semester	4	U	T T	4
	Schester			1	
Course Objective	es:				
	le the basic concepts of data and Management Information System	n and	l utili	ty of	the
•	the managerial decisions.			•	
	n Management of Information system, MIS design and implement	tatio	n pro	cess	in
an organi			-		
<ul> <li>To discus</li> </ul>	s security, ethical and social issues in management of Informatio	n sys	stem.		
<b>Course Outcome</b>	s (CO): Student will be able to				
<ul> <li>Know M</li> </ul>	anagement of Information system scope, application and challe	enges	in	mana	ging
MIS.					
<ul> <li>Understar</li> </ul>	nd traditional and modern approaches for data resource managemen	nt an	d mo	dels.	
	product based and process based cost and benefit to implement an				IS in
an organi	•				-
UNIT - I	eution.	Leo	rture	Hrs:	Q
	/- Introduction, Need for MIS and IT nature and scope of MIS, N				
	role of MIS in global business. Challenges of Managing MIS.	VIIS	cnara	ic tci i	stics,
UNIT - II	Tole of 14115 in groom business. Chancinges of ividing 14115.	Leo	cture	Hrs:	12
	nagement- Data base concepts, The traditional approaches, the r				
	ement approaches) DBMS, Data models, Data ware housing and n				
UNIT - III			_	Hrs:	12
Business applicat	ion of IS- Enterprise systems, ERP, CRM, SCM, DSS, Types of C	decis	ions,	Dec	ision
support techniqu	es, Decision making and Role of MIS, Business intelligence	e ar	id K	nowl	edge
management syste	ems.				
UNIT - IV				Hrs:	
	IS- Project planning, SDLC, System development models, Pro-				
	system design, Implementation process, Product based MIS evaluation	ition	, Cos	t /Be	nefit
	Process based calculation, System maintenance	-			
UNIT - V				Hrs:	
	&Social Issues: IS security threats, Protecting IS,IS Security	Tech	nolo	gies,	The
	plan, IS Ethical Issues, social issues.				
Textbooks:	D. D. Caral Vilas Delalitation				
	nagerial Perspective, D.P.Goyal, Vikas Publications.	_	*****		
	ent Information Systems Text & Cases, W S Jawadekar, Tata McC	<b>i</b> raw	-Hill	•	
Reference Books					
•	ent Information Systems, C Laudon and Jane P.Laudon, et al, Pear	son	Educ	ation	
	ssein Bidgoli, Nilanjan Chattopadhyay, Cengage Learning				
	tion to Information Systems, Rainer, Turban, Potter, WILEY-India	ι.			
	nent Information Systems, James A. Obrein, Tata McGraw-Hill.				
	MIS, Mahapartra, PHI.	_	Б.		
	ent Information Systems, Gordon B. Davis & Margrethe H.Olse	on,	rata	McG	raw-
Hill .					

**Online Learning Resources:** 

https://onlinecourses.nptel.ac.in/noc20\_mg60/preview

https://nptel.ac.in/courses/110/105/110105148/

https://onlinecourses.swayam2.ac.in/cec21\_ge05/preview



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	SKILL ORIENTED COURSE	L	T	P	<u>C</u>
21E00107	BUSINESS COMMUNICATION PRACTICE	0	1	2	2
	Semester			I	
<b>Course Objective</b>	s:				
v	communication concepts				
	p the students' competence in communication at an advanced leve	1.			
<ul> <li>To demor</li> </ul>	astrate communication skills viz., listening, speaking, reading	and	l wri	iting	with
teaching a	ids.				
	s (CO): Student will be able to				
	d the communication concepts and				
	ommunication and competence skills				
	d apply proficiency in business communication at the workplace	ce ar	id pro	ofessi	ional
contexts.					
UNIT - I				Hrs:	
	nunication – Significance, Scope – Communication Process –				
	Channels of Communication –Organisation Structure -	For	mal,	Info	rmal
	Upward, Downward, Horizontal Communication.			**	1.0
UNIT - II	' .' W.1.1 O.1.C. ' .' A.1			Hrs:	
	nication: Verbal – Oral Communication: Advantages and Li				
	Written Communication – Characteristics, Advantages & Limit				erbai
	ign language – Body language – Kinesics – Proxemics – Hepatics				
UNIT - III				Hrs:8	
•	mmunication: Communication Styles, Managing Motivati				
interpersonal Com	munication – Role of emotion in Inter personal Communication –	Lea	dersi	np sty	/ies.
UNIT - IV		Leo	cture	Hrs:8	3
Barriers of Comm	nunication: Types of barriers - Technological - Socio-Psycho	ologi	ical 1	barrie	rs –
	ers, Types of listening.				
UNIT - V				Hrs:8	
	Formal reports - Writing effective letters - Different types of	f bus	sines	s lett	ers -
	es – Communication etiquettes.				
Textbooks:					
	Communication: A Practical Approach, Naik, Willey				
	Communication, C.S.Rayudu, HPH.				
	Communication, Meenakshi Raman, Oxford University Press.				
Reference Books:					
	communication, Shalini Varma, Vikas.				
	Communication, Raymond V.Lesikar, Neeraja Pandit et al.,TMH				
	Communications, Hudson, Jaico Publications				
	communication for managers, Penrose, Raspbery, Myers, Cengage		NI.	1214	
	Communication, Harward Business School, Harward Business Rev	view	110.	1214.	
6. Essentials Online Learning	of Business Communication, Rajendra Pal, JS.Korlahhi, S.Chand				
	es.swayam2.ac.in/imb19_mg14/preview				
	es.swayam2.ac.in/1mb19_mg14/preview ee.swayam.gov.in/dyp20_d02_s1_hs01/preview				
nups.//online-degr	cc.swayam.gov.m/uyp20_u02_s1_lis01/preview				



#### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	INFORMATION TECHNOLOGY LAB	L	T	P	C
21E00108		0	1	2	2
	Semester				

#### **Course Objectives:**

- To provide knowledge on applications of information technology and
- To demonstrate the MS Office applications with hands on experience in the lab.
- To explain and exhibit statistical functions of association, testing hypothesis for the data and analyse and interpret the outcome of the data.

#### **Course Outcomes (CO):**

- Prepare and edit the documents with effective presentation to superiors.
- Obtain hands of experience in designing and editing the templates and data in the excel sheets with formulae and functions.
- To test and interpret the business data outcome statistically in an effective and efficient manner.

#### **List of Experiments:**

Unit -1

**Introduction to Hardware Component**: (need to explain using images or videos) Various Input output devices and their usage in corporate world- Memories (RAM/ROM) and its types— Various types of processes- Storage devices Internal vs External

**Instruction to Operating System** (need to explain using videos) — overview of Windows 7/8.2/10/server- Ubuntu — Linux- various versions of Android- IoS — Capturing GPS enabled pictures- tools for filesharing to Mobile to Mobile- System to Mobile Unit — 3

**MS WORD I-** Over views of various Ribbons- paste special- formatting- usage of Font -Textbox-equations -line spacing – bullets- – page layouts-styles- header and footers – watermark-margins-indent- print preview-split -views- keyboard shortcut keys Unit -4

 $MS\ WORD-II$  Mail Merge- Macros- Designing a company letter pad- Time table — letter writing-overview of power point -preparation of company presentation — Unit — 5

**MS Power Point**-Creation of slides-Use of templates and slide designs for creating power point slides- use of drawings and graphics. Developing a Professional presentation on Business Plans, Institutions, Products. Power point shortcut keys

#### References:

- Cox et all- 2007 Microsoft Office System Step-by- Step, First Edition, PHI.
- David Whigam-Business Data Analysis Using Excel, First Edition, Oxford University Press.
- Alexisleon, TMH, 2008, Enterprise resource planning.
- The Oxford Hand Book of Internet studies, William.H.Dulton, Oxford.

#### Online learning resources/Virtual labs:

https://www.coursera.org/specializations/excel

https://www.coursera.org/specializations/everyday-excel

https://www.coursera.org/learn/excel-basics-data-analysis-ibm



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	FINANCIAL MANAGEMENT	L T P (						
21E00201		4	0	0	4			
	Semester		I	I				
Course Objective								
	in the importance of finance function and goals of financial manag							
•	rt the decision making skills in acquiring, allocating and utilising th	e fui	nds o	t a				
company								
• To educa	ate on corporate restructures and corporate governance.							
* Standard Disc	ounting Table and Annuity tables shall be allowed in the exami	nati	on					
	es (CO): Student will be able to	пан	UII					
	e roles and goals of finance manager in a corporate structure busine	22						
	decision making skills regarding financing, investing, and corporate		tructi	ırino	in			
	ent competitive business environment.	0 100		······································				
	the impact of capital structure on wealth maximization of owners a	nd v	alue	of the	<u>.</u>			
company	1 1							
	current assets and current liabilities of the company in an effective	and	effic	ient				
way.	1 7							
UNIT - I	I	Lecti	ıre H	rs:08	1			
The Finance fur	nction: Nature and Scope. Importance of Finance function -	The	role	in	the			
contemporary so	enario – Goals of Finance function; Profit Vs Wealth maximization	ı (Oı	nly th	eory	).			
UNIT - II	1	ooti	ıre H	ra.12				
	Decision: Investment decision process – Project generation, Projec							
	and Project implementation. Capital Budgeting methods— Trad							
•	PV Vs IRR Debate. (Simple Problems)	aitioi	iiai a	iid D	CI			
UNIT - III	*	ecti	ıre H	rs:12				
	Decision: Sources of Finance – A brief survey of financial instrume							
	on in practice: EBIT-EPS analysis. Cost of Capital: The concept,							
	- Component Costs and Weighted Average Cost. The Dividend							
	ids . (simple problems on only weighted average cost of capital)				,			
UNIT - IV		Lecti	ıre H	rs:12	,			
Introduction to	Working Capital: Concepts and Characteristics of Working	Cap	ital,	Fact	ors			
	Working Capital, Working Capital cycle-Management of Currer	nt As	ssets	– Ca	ısh,			
	Inventory, Financing Current Assets (Only Theory)							
UNIT - V	· · · · · · · · · · · · · · · · · · ·		ıre H					
_	uctures: Corporate Mergers and Acquisitions and Take-overs-Ty	_		_				
	or mergers, Principles of Corporate	(	Gove	rnan	ce.(			
Only Theory)								
Textbooks:								
	l management –V.K.Bhalla ,S.Chand							
	l Management, I.M. Pandey, Vikas Publishers.							
<ul> <li>Financia</li> </ul>	l ManagementText and Problems, MY Khan and PK Jain, Tata M	lcGra	aw- F	lill				
Dofomores Deal-	g.							
Reference Book	<b>5.</b>							

1. Principles of Corporate Finance, Richard A Brealey etal., Tata McGraw Hill.

Financial Management , Tulsian P.C. & Tulsian Bharat, S.Chand
 Fundamentals of Financial Management, Chandra Bose D, PHI

Financial Managemen, William R.Lasheir, Cengage.



#### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

- 5. Financial Management Text and cases, Bringham& Ehrhardt, Cengage.
- 6. Case Studies in Finance, Bruner.R.F, Tata McGraw Hill, New Delhi.
- 7. Financial management ,Dr.M.K.Rastogi ,Laxmi Publications

### **Online Learning Resources:**

https://onlinecourses.swayam2.ac.in/cec20\_mg05/preview https://onlinecourses.swayam2.ac.in/cec20\_mg10/preview

https://onlinecourses.nptel.ac.in/noc20\_mg31/preview

https://online-degree.swayam.gov.in/dyp20\_d01\_s2\_mg11/preview



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	MARKETING MANAGEMENT	L	T	P	C				
21E00202		4	0	0	4				
	Semester			II					
Course Objective	es:								
	n basic concepts of Marketing.								
	be consumer markets, segments and brand equity to survive in the	ie coi	mpet	itive					
market.									
<ul> <li>To impart environment</li> </ul>	knowledge on creating and communicating values in the present cent.	digita	ıl ma	rketii	ıg				
	s (CO): Student will be able to								
Understand the concepts of marketing and marketing strategies suitable for different products									
under different market environments.									
<ul> <li>Analyse consumer markets so as to tap global markets for the products.</li> </ul>									
<ul> <li>Learn the</li> </ul>	designing managing, creating & communicating value to the business.								
market en	vironment.								
<ul> <li>Manage</li> </ul>	Trianage and designee the registres for retaining and whoresaming as well as integrating								
	channels for business organizations.								
UNIT - I				Hrs:0					
	Marketing Management: Concepts of Marketing, Marketing S								
	m loyalty relationships, Marketing mix, PLC, Analyzing Comp	etitor	s ,C	ondu	eting				
Marketing researc	h.								
UNIT - II				Hrs:1					
	Customers & Building Strong Brands: Analyzing Consumer I								
	, Tapping into global markets, Identifying market segments ar		rgets	, Cra	fting				
UNIT - III	, Creating Brand Equity- Addressing Competition and driving gro		4	TTua.1	2				
	nmunicating Value:-Setting product strategy, Designing &			Hrs:1					
	market offerings. Developing pricing strategies & programm								
	ated Marketing Communications, Advertising & Sales Promo								
	aging digital communication - online, social media & mobile, Pers				anu				
UNIT - IV	ignig digital communication - omnic, social media & mobile, i ers	Lecture Hrs:12							
	e:- Managing retailing, wholesaling and logistics. Designi								
Integrated Market		5		.,14110	55				
UNIT - V		Lec	ture	Hrs:1	2				
	ent:-Nature & Importance of Sales Management, Skills of sales								
_	ots of sales organization, Types of sales organization.			٠, ٠, ٠					
Textbooks:	, , , , , , , , , , , , , , , , , , ,								
	Management, Phillip Kotler, Kevin Lane Keller, 15 <sup>th</sup> edition, Pea	rson.							
	Management, Rajan Saxena, TMH								
_	Management Pillai R.S.N. & Bagavathi, S.Chand								

### Reference Books:

- 1. Marketing, A South Asian Prospective, Lamb, Hair, Sharma, Mcdaniel, Cengage.
- 2. Marketing in India, Text and Cases, S.Neelamegham, Vikas.
- 3. Case Studies in Marketing, The Indian Context, Srinivasan, PHI.
- 4. Marketing Management, V.S. Ramaswamy and S. Namakumari, McMillan.
- 5. Marketing concepts and Cases, Etzel, Walker, Stanton, Pandit, TMH.
- 6. Introduction to Marketing theory and practice, Adrian Palmer, Oxford University Press.

#### **Online Learning Resources:**



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

https://onlinecourses.nptel.ac.in/noc19\_mg48/preview https://onlinecourses.nptel.ac.in/noc21\_mg51/preview https://onlinecourses.swayam2.ac.in/cec20\_mg06/preview



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	HUMAN RESOURCE MANAGEMENT	L	T	P	С	
21E00203		4	0	0	4	
	Semester			II		
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~						
Course Objectives:	1.1 C. II. I. I. I. I. CAYD	1.1				
	nowledge on functions, roles and objectives of HR managers and	nd th	e po	licies a	and	
_	pe followed as a HR manager.		,•	1		
	oncepts of HR planning and methods in selection, placement, p	orom	otior	i and		
	aployees in an organization.	1.4				
3 3	ectives of wage and salary administration for the employees an	d the	infl	uencın	ıg	
	ng and managing compensation for the employees.	1	. 1	1		
	and educate the recent trends in HR management and the metl		to b	alance		
	and work life under complex & uncertainty work environment.					
· · · · · · · · · · · · · · · · · · ·	CO): Student will be able to					
	ure, scope, functions, roles, goals, strategies and policies of HI	K ma	ınage	ement.		
	gn and develop HR planning related aspects.	<b>.</b>				
	wledge on administration of monetary and non monetary benefits	tits t	or th	e		
	the organization.	1 110				
	trends in the human resource function and to balance the wor	'K 11T	e in t	he pre	sent	
	k environment.	-		** 0		
UNIT - I				Hrs:0	-	
	ng of HR and HRM, Nature & Scope of HRM, Functions	of F	IRM	, Rol	e ar	
	Personnel Management, Policies and Strategies of HRM.	-		TT 1		
UNIT - II				Hrs:1		
	loping HR systems:- Human Resource Planning, Job Desig					
	argement, Job Enrichment, Job Rotation, Recruitment & S	elec	tion,	Place	men	
Promotion & Transfe	T.	Τ	.4	TTuo. 1	2	
UNIT - III	4 7 4 1 4 1 4 6 1 1 1 1 1 1			Hrs:1		
	<b>agement:</b> -Introduction, objectives of wages and salaries admin	ıstra	tion,	ınflue	ncır	
	g compensation- Monetary and non monetary benefits.	Τ.	. 4	TT1		
UNIT - IV	Development County Development Francisco Tradicion			Hrs:1		
	Development:- Concepts, Development Function, Training	an	a Do	evelop	men	
	al & Career Planning and Development.	Τ	.4	TTuo. 1	2	
UNIT - V	HDM O W 1 L'C D 1 O 1' C' 1			Hrs:1		
	HRM: Outsourcing, Work Life Balance, Quality Circles	ano	a 10	otai Q	uan	
Management, Fish Bo	one Diagram.					
Fextbooks:		тт.	1			
	Human Resource Management – Text and cases, P. Subbarac			-		
	urce Management, Noe A.Raymond, John Hollenbeck, Barry	Gei	hart	and P	atric	
	McGraw Hill.					
Reference Books:	M 4th Title (TD AT 2005)					
	urce Management, Aswathappa, 4 <sup>th</sup> Edition, TMH 2006	_ T -	.1			
	urce Mangement, Ian Beardwell& Len Holden-Macmillan Indi	a Lt	a.			
	arce Management, Khanka S.S., S.Chand					
4. Human Resource Management, Text and Cases, VSP Rao, Excel Books 2006.						

4. Human Resource Management, Text and Cases, VSP Rao, Excel Books 2006.

### **Online Learning Resources:**

https://onlinecourses.swayam2.ac.in/cec21\_mg06/preview https://onlinecourses.swayam2.ac.in/nou21\_hs19/preview https://onlinecourses.nptel.ac.in/noc20\_mg15/preview



#### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	BUSINESS RESEARCH METHODS	L	T	P	С
21E00204		4	0	0	4
	Semester			II	
<b>Course Objectives:</b>					
To introduce	e business research, types and technology used in business rese	earch.			
	detail on research process involved in business research.				

- To discuss sources of data and instruments to collect data
- To provide knowledge on analysis and interpretation of outcome of the data in a scientific way.
- To provide knowledge on descriptive and inferential statistical analysis.
- To impart competence skills to undertake business research problem and carryout scientific research.

#### \*Standard Statistical tables shall be allowed in the examination

#### Course Outcomes (CO): Student will be able to

- Learn types of business research, technology used in business research in technological era.
- Identify research problem, appropriate research design and sample design for the problem, formulate hypothesis, testing process of hypothesis.
- Understand sources of data, instruments to collect data, analyse and interpretation of data.
- Prepare and present the research report effectively and efficiently.

UNIT - I Lecture Hrs:08

Introduction to Business Research: Definition-Types of Business Research. Scientific Investigation, Technology and Business Research: Information needs of Business - Technologies used in Business Research: The Internet, E-mail, Browsers and Websites. Role of Business Research in Managerial Decisions.

UNIT - II Lecture Hrs:12

**The Research Process**: Problem Identification: Broad Problem Area-Preliminary Data Gathering. Literature Survey - Hypothesis Development - Statement of Hypothesis- Procedure for Testing of Hypothesis. The Research Design: Types of Research Designs: Exploratory, Descriptive, Experimental Designs and Case Study -Measurement of Variables- Operational Definitions and Scales-Nominal and Ordinal Scales- Rating Scales- Ranking Scales- Reliability and Validity - Sampling and Methods of sampling

UNIT - III Lecture Hrs:12

Collection and Analysis of Data Sources of Data-Primary and Secondary Sources of Data - Data Collection Methods- Interviews: Structured Interviews and Unstructured Interviews- Observational Surveys: Questionnaire Construction: Organizing Questions- Structured and Unstructured Questionnaires – Guidelines for Construction of Questionnaires.

UNIT - IV Lecture Hrs:12

**Data Preparation and Analysis:** Data preparation process, problems in preparation process - An overview of Descriptive, Associational and Inferential- Statistical Measures.

UNIT - V Lecture Hrs:12

**The Research Report**: Research Reports-Components-The Title Page-Table of Contents-The Executive Summary-The Introductory Section-The Body of the Report-The Final Part of the Report-Acknowledgements – References-Appendix - Guidelines for Preparing a Good Research report - Oral Presentation.

#### **Textbooks:**

- 1. Research Methodology methods & Techniques, C.R. Kothari, Vishwa prakashan.
- 2. Research Methods for Business–A Skill Building Approach, Uma Sekaran, John Wiley & Sons (Asia) Pvt. Ltd, Singapore.
- 3. Research Methodology(Concepts and cases) Deepak Chawla NeenaSondhi-Vikas publishing



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

#### **Reference Books:**

- 1. Business Research Methods, Donald R Cooper and Pamela S Schindler,9/e,Tata McGraw-Hill Publishing Company Limited.
- 2. Methodology and Techniques of Social Science Research, Wilkinson & Bhandarkar, Himalaya Publishing House.
- 3. Business Research Methods 8e, Zikmund- Babin-Carr- Adhikari-Griffin-Cengage learning.
- 4. Business Research Methods- Alan Broman, Emma Bell 3e, Oxford university

### **Online Learning Resources:**

https://onlinecourses.swayam2.ac.in/cec20\_mg14/preview https://onlinecourses.nptel.ac.in/noc20\_ge01/preview



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	MACRO ECONOMICS	L	T	P	C			
21E03201		4	0	0	4			
	Semester			II				
C Obi4i								
Course Objective								
	n basics of national Income and macro economic concepts.							
	nowledge on money and banking systems, major functions of cent	rol h	onla					
	and exhibit the impact of fiscal and monetary policies on money a			cum	alv			
	of in the economy.	iliu c	rcuit	supp	лу			
	knowledge on India's trade policy and terminology relating to	trade						
	he impact of trade policy on the economy and balance of payment		·•					
	the national income determinants and the models to reach equil		m					
	s (CO): Student will be able to	10114						
	d basics of national income, savings, investment consumptions, l	ВоТ,	BoP	and	othe			
	nomic concepts	,						
	erent methods to compute national income							
<ul> <li>Acquire k</li> </ul>	nowledge on money & banking, fiscal & monetary policies as w	ell as	trad	e poli	icy.			
<ul> <li>Analyse th</li> </ul>	ne impact of policies of the government on national economy.							
<ul> <li>Differentia</li> </ul>	ate money & credit supply and instruments to control money and	l crec	lit in	the				
economy.								
	vledge on income determinants and the models for equilibrium in	mor	iey n	narke	anc			
product m	arket.							
UNIT - I				Hrs:1				
	and related aggregates: Some basic concepts: consumption go							
	nediate goods; stocks and flows; gross investment and depreciation model); Methods of calculating National Income. Value							
	or model); Methods of calculating National Income - Value are method, Income method. Aggregates related to National Inco							
	fet National Product (NNP), Gross and Net Domestic Product (							
	ctor cost; Real and Nominal GDP	וטנ	ana .	NDI,	, - a			
UNIT - II	etor cost, rear and rommar obr	Lec	fure	Hrs:1	0			
	king: Money - its meaning and functions. Supply of money - C							
-	nand deposits held by commercial banks. Money creation by the c		•		•			
	ank and its functions, Bank of issue, Govt. Bank, Banker's Bank,							
through Bank Rat	e, CRR, SLR, Repo Rate and Reverse Repo Rate, Open Market	Oper	ation	s, Ma	argiı			
requirement.								
UNIT - III				Hrs:1				
-	al Policy: Public revenues, public expenditure, public debt, dev	•						
	c expenditure. Monetary Policy: Demand for and supply of me	oney,	Obj	ectiv	es o			
<u> </u>	lit policy, Recent trends- Role of Finance Commission.							
UNIT - IV				Hrs:1				
	plicy and Balance of Payments – Magnitude and direction of l							
	d multilateral trade agreements, EXIM Policy, Role of EXIM							
	eture, Major components, Causes for dis-equilibrium in Bal	ance	ot .	Paym	ents			
	es, Impact of New Economic Policy on Balance of Payments.	T	4	TT 1	12			
UNIT - V		Lecture Hrs:112						

**National Income Determination:** The IS-LM Model Demand-side Equilibrium - Equilibrium Income and Interest Rate in the Product Market-derivation of the IS curve, Equilibrium Income and Interest Rate in the Money Market-Derivation of the I M curve, Equilibrium in the Product and Money



#### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Markets- the combined IS-LM model

#### **Textbooks:**

- 1. Barro, R. and X. Sala-i-Martin (2005): "Economic Growth", Prentice Hall: India.
- 2. Blanchard, O. (2013): "Macroeconomics", (6th Edition), Pearson Education: New Jersey, USA. Blanchard, O. J., Faruqee, H., Das, M., Forbes, K. J., &Tesar, L. L. (2010).

#### **Reference Books:**

- 1. The Initial Impact of the Crisis on Emerging Market Countries [with Comments and Discussion]. Brookings Papers on Economic Activity, 263-323. De Souza, E. (2008)
- 2. "Macroeconomics", Pearson Education: New Delhi. Jones, C.: (2007):
- 3. "Introduction to Economic Growth", W.W. Norton::New York.

#### **Online Learning Resources:**

https://onlinecourses.swayam2.ac.in/cec20\_hs37/preview

https://onlinecourses.swayam2.ac.in/cec20\_hs43/preview

https://www.classcentral.com/course/swayam-macro-economics-19942

https://onlinecourses.nptel.ac.in/noc22\_hs67/preview

https://nptel.ac.in/courses/109/104/109104073/



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	R- PROGRAMMING	L	Т	P	С
21E03202		4	0	0	4
	Semester			II	
Course Objective	•20				
	basic knowledge in the area of R-Programming				
	methods to explore, import, export and manipulate data and data	fran	nes.		
	owledge on hypothesis tests for estimating or predicting statistical			ls	
	s (CO): Student will be able to				
Know abo	out R programming overview				
<ul> <li>Learn how</li> </ul>	v to programme In R for data analysis				
	nd concepts and terminology used in R-programming				
	emonstrate the procedure to explore ,import, export and manipulate				
	ate hypothesis and testing of hypothesis for predicting models usi	ng R	legre	ssion	and
	stical tools for the given data.				_
UNIT - I				Hrs:1	
	Overview and History of R, Getting Help, R Packages: Load	ling,	Inst	alling	and
Managing.					
UNIT - II		Le	cture	Hrs:1	.0
	Control Structures, Data definition types, constants, variables, R	data	type	s and	
objects, Reading a			71		
UNIT - III		Le	cture	Hrs:1	2
Expressions: Arith	metic, Logical, Precedence rules Control Structures: Sequencing,	Inpu	ıt and	l outp	ut
	nment statement, Control Structures: Selection, Repetition, Combi	natio	on, F	unctio	ns,
	loop functions, Flow Control				
UNIT - IV				Hrs:	
	rith R, Import, export and manipulate data and data frames, Statist	ical	sumn	naries	of
continuous and ca	tegorical data.				
UNIT - V		Ιe	cture	Hrs:	12
	and simple regression models, Linear models like ANOVA, linear				
	neralized linear models, Basic graphics & reports of statistical ana			ii aiia	
Textbooks:		- j 5 <b>0</b> i	-		
	k. Beginning R: the statistical programming language. John Wiley	& S	ons.	2012	
	ohn Mount, and Jim Porzak. Practical data science with R. Mannin				
Reference Books	· · · · · · · · · · · · · · · · · · ·	<u> </u>			
	dley, and Garrett Grolemund. "R for Data Science": Import,	Tio	dy,	ransf	orm,
	Model Data. "O'Reilly Media, Inc.", 2016.		,		,
	an. The art of R programming: A tour of statistical software desig	n. N	o Sta	arch F	ress,
2011.					
Online Learning					
	ube.com/watch?v=3iSKFCKLUsI				
https://onlinecours	ses.nptel.ac.in/noc19_ma33/preview				



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	General Elective – I	L	T	P	С
21E00207a	ADVANCED COMMUNICATION	2	0	0	2
	Semester			II	
		l			
Course Objectives:					
<ul> <li>To explain com</li> </ul>	munication concepts				
	students' competence in communication at an advanced leve				
	communication skills viz., listening, speaking, reading	and	l wr	iting	with
teaching aids.					
Course Outcomes (CO)					
	communication concepts and				
	inication and competence skills				
1.1	y proficiency in business communication at the workplace	ce ar	id pr	otess	ıonal
contexts.		T		TT 4	
UNIT - I				Hrs:6	
	Communication – Effective Listening – Barriers, Steps for				_
	Body Language & Modulation, Informative, Persuasion				
	bstacles, Effective Reading, Reading Comprehension – Exing Methods, Executive Summery.	rieci	iive	W IIII	ng –
UNIT - II	ding Methods, Executive Summery.	Lec	rture	Hrs:	6
	orts: Types of Business Letters – Elements; Types of Re				
	ents; Annual Reports - Technical Proposals – Structure – C				
Memos.	ntis, rumuur reports recimieur rroposuis structure e	near	ars	11011	CCS
UNIT - III		Lea	rture	Hrs:	3
l l	eeting Invitation - Notice - Agenda - Meeting Participant				
	- Minutes of the Meeting – Documentation – Filing;		1010	, 1,10	oumg
UNIT - IV	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Lec	cture	Hrs:	3
	ies: Conflict Resolution – Win-Win strategy; Manager				
	, Integrative Strategies; Interviews – Types – purpose – proc				
UNIT - V			cture	Hrs:	6
Technology for Commu	unication: Conventional Modes Vs Computer based Tech	nolo	gies	– E	mail,
Social Media, Micro	Soft & Google Tools - Data - Collection - Organizi	ng -	- Ar	nalyzi	ing -
Presentations using Tech	nnology.				
Textbooks:					
	nmunication – Strategies and Applications, Geraldine E.Hyn	es. N	AcG1	awH	ill
	unication, C.S.Rayudu, HPH.	, -			
	unication, Meenakshi Raman, Oxford University Press.				

### Reference Books:

- 1. Business communication, Shalini Varma, Vikas.
- 2. Business Communication, Raymond V.Lesikar, Neeraja Pandit et al., TMH
- 3. Business Communications, Hudson, Jaico Publications
- 4. Business communication Sehgal, khetarpal, Excel Books
- 5. Effective Communication, Harward Business School, Harward Business Review No.1214.
- 6. Communication skills, Sanjay Kumar, Pushpalata, Oxford

### **Online Learning Resources:**

https://onlinecourses.swayam2.ac.in/imb19\_mg14/preview

https://www.youtube.com/watch?v=ITHnugowc\_Q



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	General Elective – I	L	T	P	C
21E00207b	E-BUSINESS	2	0	0	2
	Semester			II	
G 01: 4:					
Course Objective			1.		
•	is the concepts and various application issues of e-business and various application issues of e-business and various	rious	onli	ne	
•	for e-business.				
	n various electronic payment systems.				
	s (CO): Student will be able to				
	nd electronic business and related concepts in detail.	4 :			
	ecurity threat in e-business and steps, methods to overcome securi				
	rious electronic payment system and business models in the present	it tec	nnoic	ogy	
business					
	e-business infrastructure requirements for e-business.	· ·		* *	
UNIT - I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Hrs:	
	business: Electronic business, Electronic commerce, difference				
	ectronic commerce models, types of electronic commerce, value				
	merce in India, internet, web based tools for electronic comme			onic	data,
	ponents of electronic data interchange, electronic data interchange	_		**	
UNIT - II	to e- business: Security overview, Electronic commerce the			Hrs:	
	blic key and private key Cryptography digital signatures, digital cablic networks: HTTP, SSL, Firewall as security control, public y.				
UNIT - III		Lec	cture	Hrs:	6
	ent system: Concept of money, electronic payment systems, to smart cards and electronic payment systems, infrastructure issues				
UNIT - IV		Lec	cture	Hrs:	4
E-business applic	ations and strategies: Business models & revenue models over	inte	rnet,	emei	ging
	esse- governance, digital commerce, mobile commerce, strategie				
	ed business models.				
UNIT - V		Lec	cture	Hrs:	6
E –business infr	astructure and e- marketing: Hard works system software in	ıfrası	ructu	ıre, I	SP's,
managing e-busir	ess applications infrastructure, what is e- marketing, e-marketin	g pla	annin	ıg, ta	ctics,
strategies.					
Textbooks:					
	ffey :e-business & e-commerce management- Pearson.				
2. E- comm	erce- e-business :Dr.C.S.Rayudu, Himalaya.				
Reference Books	:				
1. Whitley,	David (2000), e-commerce strategy, Technologies and applications	.TM	H.		
	Gary P.and Perry, James T(1 <sup>ST</sup> edition 2000) Electronic commerce			on	
2 D : V	mlash K and Naz Dakiani (1st adicion 1000) a sammana T	71	445	1.	

3. Bajaj, Kamlesh K and Nag, Debjani (1<sup>st</sup> edition 1999) ,e- commerce, The cutting edge of business,TMH Publishing company

### **Online Learning Resources:**

https://onlinecourses.nptel.ac.in/noc19\_mg54/preview

https://www.classcentral.com/course/swayam-e-business-14018



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	General Elective – I	L	Т	P	C		
21E00207c	INDUSTRY 4.0 & INNOVATION	2	0	0	2		
21E00207C	Semester	-	I	·	4		
	Schrester	<u> </u>		_			
Course Objectiv	······································						
	de an overview of industry 4.0 and technology based innovations.						
	the theory and concepts with Industrial application of computers						
•	duce the basic concepts of Industry 4.0, Artificial Intelligence,	Big	Data	and			
	of Things.	U					
	ass and demonstrate the applications and tools of Industry 4.0.						
	art knowledge on innovation types, stages of innovation process, an	d co	mpeti	tive			
advantag			•				
	es (CO): Student will be able to						
	and the basic concepts of Industry 4.0 and new technologies is	n de	cisio	n			
making	1						
_	the features of Artificial Intelligence and application domains						
	rize the Big data domain stack and Internet of Things						
	the applications and Tools of Industry 4.0						
•	nd think innovative ideas based on technology						
<ul> <li>Apply the knowledge in various industries based on technology to take effective and</li> </ul>							
** *	Ş.	KC C	HECH	ve a	IIu		
UNIT - I	managerial decision.	Ιτ	.4	T Luc.			
			cture		)		
•	ed – Reason for Adopting Industry 4.0 - Definition – Goals a	and	Desig	n			
Principles -	Induction 4.0. Die Dete - Autificiel Intellierung (AI) - Inductiele	T4	4	erri. :			
	Industry 4.0 – Big Data – Artificial Intelligence (AI) – Industrial	Inter	net o	I I ni	ngs		
UNIT - II	Cloud – Augmented Reality – Mixed Reality.	Ιω	cture	Urc.	6		
	ence: Artificial Intelligence: Artificial Intelligence (AI) – What &						
	ons of AI -The AI - Environment - Societal Influences of AI - App						
	ciated Technologies of AI - Future Prospects of AI - Challenges of		ion D	Oma	.113		
UNIT - III	clated reclinologies of the radial rospects of the chancinges of		cture	Hrs	6		
	Γ: Data: Terminologies - Big Data Definitions - Essential of Big						
	derits and Advantages - Big Data Components: Big Data Character						
	eworks - Big Data Applications - Big Data Tools - Big Data I						
	et of Things (IoT): Introduction to IoT - Architecture of IoT - T						
IoT - Security in			3010	,100 1	<b>-</b>		
UNIT - IV		Lec	cture	Hrs:	6		
	IoT – Manufacturing – Healthcare – Education – Aerospace						
* *	ansportation and Logistics – Impact of Industry 4.0 on Society: Imp						
	ople. Tools for Artificial Intelligence, Big Data and Data Analytics,						
	Augmented Reality, IoT, Robotics.						
UNIT - V			cture				
Innovation: Me	aning - Stages of Innovation Life cycle – Types of Innovations - 1	onnl	vation	as a	,		
	l process – Innovation and competitive advantage.						
Textbooks:							
	g Innovation -,By Joe Tidd, John Bessant & et.al., Wiley India	Pub	lishe	rs, N	ew		
Delhi, T	nird Edition.						

and

Industrial

Internet of

2. Introduction

to

Industry



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Things by Prof.SudipMisra, IIT Kharagpur.

### **Reference Books:**

1. Alasdair Gilchrist. Industry 4.0: The Industrial Internet of Things, A press Publications.

### **Online Learning Resources:**

http://assets.press.princeton.edu/chapters/s9221.pdf

https://www.researchgate.net/profile/Joe-

 $Tidd/publication/285052130\_Managing\_Innovation/links/5662e4a508ae418a786b8dd8/Managing\_Innovation.pdf$ 



#### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

Course Code	Skill Oriented Course	L	T	P	C
21E00208	DATA ANALYTICS LAB	0	1	2	2
	Semester	II			

### **Course Objectives:**

- To explain the procedure in creation of company, ledger accounts and to explore, present financial statements of an business organization
- To give knowledge on using of various financial tools to take long term investment decision
- To demonstrate the process of storing, retrieving the data relating to employees, dealers, customers and consumers in an effective and efficient way
- To impart the knowledge on Systems and MIS and process of designing the MIS in an organization.

#### Course Outcomes (CO): Student will be able to

- Demonstrate the creation of company, ledger accounts, explore and export financial statements
- Exhibit the calculation of cost of capital and discounting factor techniques in long term investment decision.
- Store and retrieve the data relating to dealers, customers and consumers based on products, geographical criteria.
- Present the data in the form of pivot tables, graphs and charts in effective and efficient way
- Construct and present employee salary administration in an organization in an informative manner
- Understand information system in the organization, design of MIS and also internet and the tools used in Internet.

#### **List of Experiments:**

#### Unit -1

**Introduction to Excel**- Cells – name range – references – Creating and editing worksheets-Cell formatting-Creating and using formulas and functions-Use of Macros –Sorting and querying data-Working with graphs and charts – usage of Paste special

#### Unit -2

**Basis of Excel**: Managing Worksheets and Workbooks. - Worksheet Vs. Workbook - Creating new worksheets and workbooks - Deleting worksheets and workbooks - Naming and renaming a worksheet - Toggling between worksheets and workbooks - Copy and Move Worksheets - Hide, Unhide, Group and Ungroup Cells - Hide and Unhide Worksheets - Save and Save As

#### Unit - 3

**Advanced Excel**: Cell Referencing - Data Validation- Naming a Cell or Range of Cells (Name Manager).- Basic formulas (SUM, COUNTA, AVERAGE, MAX, MIN). Text Functions (RIGHT, LEFT, MID, SUBSTITUTE, FIND, LEN). Date Functions (TODAY, NOW, DAY, MONTH, YEAR, EDATE, EOMONTH, TEXT).

#### Unit - 4

**Advanced Excel II**: Lookup Functions (VLOOKUP, HLOOKUP, MATCH, INDEX). - Logical Functions (IF, AND, OR). -Data Analysis Functions (SUMIF, SUMIFS, COUNTIF, COUNTIFS).- Conditional Formatting, Filtering and Sorting. - Graphs, Charts and Pivot Tables remove duplicates **Unit** – **5** 

**Conducting Online surveys** – usage of Google drive – micro soft online surveys – sharing with the help of social media/ internet- getting responses from online survey- sorting and filter online survey

#### **References:**

- Ms Office Excel-Frye, PHI publications
- Ms Office Access- Step by step, PHI publications



### MASTER OF BUSINESS ADMINISTRATION (FINTECH)

### • SPSS User manual

Online learning resources/Virtual labs:

https://www.coursera.org/specializations/excel

https://www.coursera.org/specializations/everyday-excel

https://www.coursera.org/learn/excel-basics-data-analysis-ibm