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India-	Salient featu	nstitution law and Constitutionalism- Historical perspective of the Constitution res and characteristics of the Constitution of India Citizenship- Scheme of th - Scheme of the Fundamental Duties and its legal status	
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τ	JNIT V	POWERS AND FUNCTIONS OF ELECTION AND SERVICE COMMISSION	3
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	NIL		
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1	DurgadasB	asu, Introduction to the Constitution of India,Lexis- Nexis, 2015	
2	Subash C K	Kashyap, Our Parliament, National Books Trust, 2011	
3		umar Agarwal, India's No 1 book on Tax : Simple Language Advanced Prob k, Kindle, 2017	lems:
4	Vivek K R Book Hous	Agarwal, GST Guide for students: Making GST – Good and Simple Tax, N e, 2017	eelam
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	I TIV	VISIONS FOR YOUTH	6
elating	to the power	- Two speeches by great personalities (Oral presentations) - Quotes, prove and potential of youth, Excerpts: Wings of Fire (Collecting proverbs high) - Two news articles highlighting the initiatives for social causes by you text) - One song exhibiting the positive energy of youth (Discussion on the	th (Role
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nodern dissemi (Studer) educational	gnificance of education (Brainstorming) - Overview of different (traditional systems (Debate) - Role of youth in education, Urban and Rural set up, ent presentations) - Designing and framing educational curriculum and ma ion based on write ups) -The pressing challenges in current educational sy	terials
		YOUTH AND SOCIETY	6
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- Posit Kill a l variou variou	ive, Negative Mocking Biro s religions) - s religions) -	e impact: religion, politics, gender, economic status, aesthetics (Discussion d") - Values required to live in a global society (Poster presentation on fe Learning the etiquettes of various societies (Poster presentation on festiva Success of pluralistic society, enliven the society, religious harmony thro s of pluralistic society based on the text).	stivals of
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1	Ltd., 1999	Abdul. Wings of Fire: AN Autobiography of APJ Abdul Kalam. Ed. Sar	
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2		indu University Speech" and "To Students". The Voice of Truth. General arayan. Navajivan Publishing House. pp. 3-13 and pp. 425-30. www.mkg	Editor andhi.org
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4	Thomas A Address to VTU Students by Narayana Murthy. https://www.karnataka.com/personalities/narayana-murthy/vtu-address-2006/	
5	World Economic forum. "India's top 7 challenges from skills to water scarcity"	





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UNIT I INTRODUCTION TO SELF-EMPLOYMENT AND ENTREPRENEURSHIP DEVELOPMENT

Introduction of self-employment – Characteristics- Creativity. Entrepreneurship development-Qualities of entrepreneur and Characteristics of Diploma holder as a self-employer like developing networking and personal contacts, importance of productivity, quality, cost consciousness and customers' satisfaction. Types of enterprise-Sole partnership -Partnership firm- Joint stock company- Co-operative society.

UNIT II ENTREPRENEURIAL SUPPORT AGENCIES

Definition – Micro, small and medium industries- Registration process of an enterprise with Government agencies-Name, type and role of state and national level support agencies. Current state & National Level Promotional Schemes for establishment of new.

UNIT III PROJECT SET UP PLANNING

Product Selection: importance- Product development stages. Process Selection: Factors affecting process selection - Technology lifecycle. Process Conversion-Capacity Planning: Basic method to assess / estimate capacity. Selection of location and layouts: Factors affecting selection of location - Objectives and types of plant layout.

UNIT IV PROJECT PROPOSAL PLANNING

7-M resources- Marketing- definition, need for enterprise, 4Ps channels- Market survey. Methods -Project report preparation for mechanical feature based product: Meaning of project planning and report: Feasibility study. Details required for preparing project plan. Project cost estimation.

UNIT V ENTERPRISE AND RISK MANAGEMENT

Concept of risk in the context of enterprise/ project-Uncertainty and certainty of project elements-Decision making under risk-Methods of risk management-Strength, Weakness, Opportunity and Threat (SWOT) analysis.

Reference (s)1Entrepreneurship & Venture Management, Clifford and Bombak, JosephR.Momanso.2Small Industries management – Karmakar.M.B.3Creativity –Pradeep Khandwala4Entrepreneurship development and Management, R.K.Singal, S.K.Kataria Sons.





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UNIT I	PRESENTATIONS	5
	ffective Presentation - Effective presentation structure - Type n - Non-verbal aspect of a presentation – body language - St	es of Presentation - ress management
UNIT II	PUBLIC SPEAKING	5
mantance of Public Speech	- Dealing with fear and Anxiety - Tips and Techniques for P ing a Persuasive Speech - Dealing with audience questions	Public Speaking -
UNITIII	, LEADERSHIP SKILLS	5
Communication – Motivation	n – Delegating – Creativity – Responsibility - Commitment	
UNITIV	INTERVIEW SKILLS	5
Preparing for a Job Interview Interview - Mock Interview	v - The Interview Process - Telephone Interviews - Interview	Techniques - Mock
UNITY	GOAL SETTING	5
Types of goals - Reasons fo Goal Setting - Trouble in Set	r goal setting - Goal Setting Process - S.M.A.R.T. goals - Ti tting Goals	the second s
	LIST OF EXPERIMENTS	5
Text Book (s)	beech	
NIL		
Reference(s)		ing Company
Limited, New Del		ing Company
2 Professional Skills	s and Practice, Oxford University Press	
3 https://www.skills	syouneed.com	







	ion 20	18				\$	Semest	ter VI			Т	otal Ho	ours	30
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1	Enat	ole the	studen	its to s	tudy th	ie evolu	ution o	f mana	igemer	nt.				
2	Stud	y abou	ıt planı	ning to	ols and	d techni	iques i	n man	ageme	nt for er	ngineers	5.	9	
3	Lear	n abou	it caree	er plan	ning fo	or engir	neers.							
4	Enal	ole the	effecti	ve and	l barrie	ers com	munic	ation i	n the o	rganiza	tion.			
5	Stud	y the s	ystem	and pr	ocess	of effec	ctive co	ontroll	ing in 1	the orga	nizatio	1.		
Course	e Out	come ((s) (CC	Ds): At	t the er	nd of th	is cour	se, lea	rners v	will be a	ble to:			
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CO2	Gair	ned kno	owledg	ge on p	lannin	g and d	lecision	n maki	ng pro	cess.				
CO3	Atta	ined th	ie knov	wledge	oforg	anizati	on stru	icture a	and car	reer plai	nning.	-		
CO4	Dem	ionstra	te the	ability	to dire	ecting, l	leaders	hip an	d com	municat	e effect	ively.		
CO5	Ana	lysis is	olates	issues	and fo	rmulate	es best	contro	ol meth	nods.				
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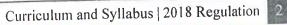
KARUR 839 113 Curriculum and Syllabus | 2018 Regulation





INTRODUCTION TO MANAGEMENT PRINCIPLES 6 UNIT I Meaning, Definition of Management - Managerial Role - POSDCORB - Management vs. Administration- Evolution of Management Thoughts- Henry Fayol's 14 Principles- Opportunities and Challenges in Management. 6 PLANNING UNIT II Nature and purpose of planning - Planning process - Types of planning - Objectives - Setting -Objectives - policies - Planning premises - Strategic Management - Planning Tools and Techniques - Decision making steps and process. 6 ORGANIZING **UNIT III** Nature and purpose - Formal and informal organization - organization chart - Organization Structure- Types - Line and staff authority - Departmentalization - Delegation of Authority -Centralization and Decentralization - Job Design. 6 DIRECTING UNIT IV Foundations of individual and group behavior - Motivation - Motivation Theories - Motivational -Techniques -Leadership - Types and Theories of Leadership - Communication - Process of Communication - Barrier in Communication - Effective Communication. 6 CONTROLLING UNIT V System and Process of Controlling - budgetary and Non-Budgetary Control Techniques - Use of Computers and IT in Management control - Control and performance - Direct and Preventive control -Reporting. Reference (s) P.C.Tripathi., P.N Reddy, Principles of Management, McGraw Hill, 5thEdition 2012. 1 Harold Koontz, Heinz Weihrich, A RamachandraAryasri, Tata McGraw Hill, 2 Principles of Management, 2016 Charles W Hill, Stephen L Mcshane, Principles of Management, McGraw Hill, Special 3 Indian Edition 2007. 1.Stephen A. Robbins & David A. Decenzo& Mary Coulter, "Fundamentals of Management" 7th Edition, Pearson Education, 2011. 4 Harold Koontz & Heinz Weihrich "Essentials of management" Tata McGraw Hill, 1998. 5









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CO2	Iden	tify the	e key s	ecurity	/ conc	epts, C	CIA an	d IT go	overna	nce and	l best pr	actices		
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UNIT I INTRODUCTION TO SOCIAL ENGINEERING

Social Engineering Defined - Why Does Social Engineering Work - Identify Communication Style - key aspects of social engineering - Categories of Social Engineering Attacks – human – based attacks and technology - based attacks

UNIT II KEY SECURITY

Key security - concepts - Types of key security concepts – Cyber security position. The CIA Triad - the significance of incident response and frameworks around cyber security. IT Governance - Best practices - compliance.

UNIT III

I PSYCHOLOGY OF SOCIAL ENGINEERING

Mind Tricks: Psychological Principle - Four fundamental aspects of human nature that social engineers - the desire to be helpful - the tendency to be trusting - the fear of offending others - the tendency to cut corners

UNIT IV ETHICAL HACKING AND SOCIAL ENGINEERING

Ethical Hacking Concepts and Scopes - Threats and Attack Vectors - Information Assurance - Threat Modelling - Enterprise Information Security Architecture - Vulnerability Assessment and Penetration Testing - Types of Social Engineering - Insider Attack - Preventing Insider Threats - Social Engineering Targets and Defence Strategies. Common Areas of Vulnerability - Appropriate access - Assessed resistance - Information availability

UNIT V CASES OF SOCIAL ENGINEERING

Notable Cases of Social Engineering - Attacks against Individuals - Attacks against Organizations -Preventing Social Engineering Attacks - Mitigating the Damage of Social Engineering Attacks -Segregation of Access - Maintain Access Logs - Ensure That Backups Occur Regularly -Automatically Revoke User Privileges If Suspicious Activity Is Detected

Reference (s)

and the second sec	
1	Kevin D. Mitnick, William L. Simon, Steve Wozniak, The Art of Deception: Controlling the
1	Human Element of Security, Wiley, October 17th 2003
2	Christopher Hadnagy, Social Engineering: The Science of Human Hacking Paperback- Wiley
2	Publishing Inc., Edition 2018
-	Lester Evans, Cybersecurity: An Essential Guide to Computer and Cyber Security for
3	Beginners, Including Ethical Hacking, Risk Assessment, Social Engineering, Attack and
	Defense Strategies, and Cyberwarfare Paperback -2018
4	Dr. Erdal Ozkaya, Learn Social Engineering: Learn the art of human hacking with an
4	internationally renowned expert-2018





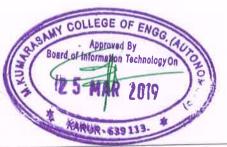


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τ	UNIT I		Module - 1	6
		nd Work - Pipes and Cisterns. Sentence Pattern - Debate.		
U	NIT II		Module - 2	6
-	ude: Boats a munication:	nd Streams. Tenses and voices - Tech Tall	k.	
U	NIT III		Module - 3	6
_		ns on Ages - Probability Analogies - Biography.		
U	NIT IV		Module - 4	6
•		fficiency - Logical Puzzles. Punctuation - Connection.		
ι	UNIT V		Module - 5	6
-	tude: Mensu munication:	ration. Preposition - News of the We	eek.	
Text	Book (s)			
1	Dr.R.S.Agg	arwal, "Quantitative Aptitude",	S. Chand & Company Limited, 2015	
2	Dr.R.S.Agg Limited, 20		Verbal & Non - Verbal Reasoning", S. Chand &	Company



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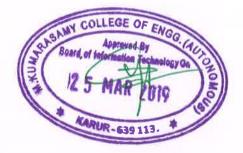




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1: Slight (Low)

2: Moderate (Medium) 3: Substantial (High)





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1	UNIT I	Module - 1	6
Aptit	tude: Alligati	ions or Mixtures - Blood Relations.	
Com	munication:	How to set Goals - Interpersonal Relationships - JOHARI Window -	Work &
	ness Etiquette		
τ	UNIT II	Module - 2	6
Aptit	tude: Partner	ship - Statement and Assumptions.	
Com	munication:	Transition to Corporate World - Career opportunities in Various Sectors a	nd knov
your	industry.		
U	NIT III	Module - 3	6
Apti	tude: Arithm	etic and Geometric Progressions - Syllogisms.	
Apti	tude: Arithm	etic and Geometric Progressions - Syllogisms.	
Com	munication:	Time Management - Anger and Stress Management - Conflict Management	nt.
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ι	J NIT IV	Module - 4	-
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MINICAL Content of the Autonomous Institution Approved by AICTE & Affiliated to Anna University ISO 9001:2015 Certified Institution Thalavapalayam, Karur, Tamilnadu.



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UI	NIT I	Module - 1	6
-		nd Distance (Speed, Streams) - Problems on Trains - Arrangements and	
	Relations.		
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UN	NIT II	Module - 2	6
Aptitu	de: Time	and Work - Pipes & Cisterns - Situation Reaction Test & Data Interp	retation
•		Writing practices on circulars, notices, memos, Agenda preparation and N	
neetin			
UN		Module - 3	6
Aptitu	de: Ages -	Averages - Probability - Profit and Loss.	
Comm	unication:	Email Etiquette - Essay writing.	
UN	NIT IV	Module - 4	6
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UN Aptitu Conclu Comm UN	NIT IV Ide: Mensu Jasions. Iunication: NIT V	Module - 4 ration - SI & CI - Cause and Effect Analysis - Statement, Assumptions & Group Discussion and guidelines.	
UN Aptitu Conclu Comm UN Aptitu	VIT IV de: Mensu usions. nunication: NIT V de: Permut	Module - 4 ration - SI & CI - Cause and Effect Analysis - Statement, Assumptions & Group Discussion and guidelines. Module - 5	6
UN Aptitu Conclu Comm UN Aptitu	NIT IV de: Mensu usions. nunication: NIT V de: Permut nunication:	Module - 4 ration - SI & CI - Cause and Effect Analysis - Statement, Assumptions & Group Discussion and guidelines. Module - 5 ration and Combinations - Partnership - Alligations or Mixtures.	6
UN Aptitu Conclu Comm UP Aptitu Comm	NIT IV de: Mensu usions. nunication: NIT V de: Permut nunication:	Module - 4 ration - SI & CI - Cause and Effect Analysis - Statement, Assumptions & Group Discussion and guidelines. Module - 5 ration and Combinations - Partnership - Alligations or Mixtures.	6 ock
UN Aptitu Conclu Comm UP Aptitu Comm Intervio	MIT IV de: Mensu usions. nunication: NIT V de: Permut nunication: ews. Book (s)	Module - 4 ration - SI & CI - Cause and Effect Analysis - Statement, Assumptions & Group Discussion and guidelines. Module - 5 ration and Combinations - Partnership - Alligations or Mixtures. Interview skills - General instructions, Review of interview questions, Module	6 ock



Reg	gulation 2018			OPEN H	ELECTI	VE	T	otal Ho	urs	45	
Catao			6				Ho	urs / W	Veek		
Catego	ry Course Co	ae	·	ourse N	ame		L	T	P	С	
0	18MBO001	T C	ORPOF	SS ETHI RATE SC SIBILIT			3	0	0	3	
Course (Objective (s): T	he purpo	se of lea	arning thi	is course	is to:					Sec. 2
1	Understand and how the visionary co	se decis	ions affe								
2	Sensitize the										
3	Gain vivid k principles a	nd busin	ess ethic	es in CSF	R activitie	es					ethical
4	Import know										151
5	Build the im		100						R activitie	es globally	/
Course (Outcome (s) (CO	Os): At t	he end o	of this co	urse, lear	mers wi	ll be at	ole to:			
CO1	Understand									the second se	
CO2	Identify the principles							the table		tions of e	thical
CO3	principlesKnow the er	nvironme	ental res	ponsibili	ty of bus	iness vi		the table		tions of e	thical
CO3 CO4	principles Know the er Identify the	nvironme strategie	ental res s for CS	ponsibili SR and C	ty of bus SR issue	iness vi s	a CSR	the table		tions of e	thical
CO3 CO4 CO5	principlesKnow the erIdentify theUnderstand	nvironme strategie	ental res s for CS	ponsibili SR and C	ty of bus SR issue	iness vi s	a CSR	the table		tions of e	thical
CO3 CO4 CO5	principles Know the er Identify the	nvironme strategie	ental res s for CS	ponsibili SR and C	ty of bus SR issue	iness vi s	a CSR	the table		tions of e	thical
CO3 CO4 CO5	principlesKnow the erIdentify theUnderstand	nvironme strategie	ental res s for CS	ponsibili SR and C	ty of bus SR issue on and C	iness vi s	a CSR	the table			PSOs
CO3 CO4 CO5	principlesKnow the erIdentify theUnderstand	nvironme strategie	ental res s for CS	ponsibili SR and C obalizatio	ty of bus SR issue on and C	iness vi s	a CSR	the table			PSOs
CO3 CO4 CO5 CO-PO I	principles Know the er Identify the Understand Mapping	trategie the impa	ental res es for CS act of glo	ponsibili SR and C obalizatio Po:	ty of bus SR issue on and C s	iness vi s SR initi	a CSR atives	activiti	es		
CO3 CO4 CO5 CO-PO I	principlesKnow the erIdentify theUnderstandMappingPO1PO2	ivironmo strategie the impa PO3	ental res es for CS act of glo PO4	ponsibili SR and C obalizatio Po: PO5	ty of bus SR issue on and CS s PO6	iness vi s SR initi PO7	a CSR atives	activiti PO9	es PO10	PSO 1	PSOs PSO
CO3 CO4 CO5 CO-PO I COS	principlesKnow the erIdentify theUnderstandMappingPO1PO221	PO3	ental res es for CS act of glo PO4	ponsibili SR and C obalizatio Po: PO5	ty of bus SR issue on and CS s PO6 2	iness vi s SR initi PO7 2	a CSR atives PO8 2	activiti PO9 2	es PO10 3	PSO 1 2	PSOs PSO 3
CO3 CO4 CO5 CO-PO 1 CO3 CO1 CO2	principlesKnow the erIdentify theUnderstandMappingPO1PO22121	PO3	PO4	ponsibili SR and C obalizatio Pos PO5	ty of bus SR issue on and CS s PO6 2 1	iness vi s SR initi PO7 2 2	a CSR atives PO8 2 2	activiti PO9 2 2	es PO10 3 2	PSO 1 2 2	PSOs PSO 3 3
CO3 CO4 CO5 CO-PO 1 CO3	principlesKnow the erIdentify theUnderstandMappingPO1PO221212121	PO3 2 2 2 2	PO4	ponsibili SR and C obalizatio Po: PO5 - - -	ty of bus SR issue on and CS s PO6 2 1 1	iness vi s SR initi PO7 2 2 2 2	a CSR atives PO8 2 2 2 2	activiti PO9 2 2 2 2	es PO10 3 2 2	PSO 1 2 2 2 2	PSOs PSO 3 3 2

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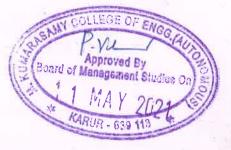
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3: Substantial (High)



	I FTHICS 9	1
UNIT	I ETHICS	
Ethics	- Meaning, Definition, Business Ethics - Characteristics - Ethical Theories - Moral issues in	.L
	ss- Moral vs Ethics- Causes of Unethical Behavior; Ethical Abuses; Work Ethics; Code of ct-Advantages of Business Ethics	
UNIT	II MANAGEMENT OF ETHICS	
Ethical	Dilemmas-Handling Ethical Dilemmas at Work - Management of Ethics - Ethics analysis r model]-Professional Ethics for Managers; Role and Function of Ethical Managers- Ethics	in
Market	ting, Finance and Human Resource, Challenges of Business Ethics.	
	III CORPORATE SOCIAL RESPONSIBILITY 9	
	ng & Definition of CSR- Evolution of CSR-Consumerism-Corporate Governance- Relation	
Retwee	en CSR and Corporate Governance-Models of CSR in India-Drivers of CSR-CSR Initiatives	s
in Indi	a-Stakeholders of CSR	
	IV ISSUES IN CSR 9	
	or CSR- Social Responsibility of Business Firm- Building Blocks of CSR - Strategies for	
CSR; (Challenges and Implementation - CSR and Environmental Issues, Social Issues, Labour	1
	and Government Issues.	
UNIT	V GLOBAL CSR 9	
- Globa	alization and CSR Initiatives – Global CSR Activities and Policies – International Standard	ls
and No	orms – Business Ethics, Corporate Governance Across the Nations International framewor	k
for cor	porate social Responsibility-Relationship between CSR and MDGs.	2.5
Refere	ence (s)	
1.	Manuel G. Velasquez, Business Ethics - Concepts and Cases, PHI, 7th edition, 2016	
2.	Sanjay K. Agarwal- Corporate Social Responsibility in India, Response book, 1st edition 20	008
3.	William Shaw, Business Ethics, Wadsworth Publishing Company, kindle edition, 2016.	
4.	C.S.V Murthy, "Business Ethics- Text and Cases",, Himalayan Publishing House, 2010.	
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5.	S. A. Sherlekar, Ethics in Management, Himalaya Publishing House, 2014	a l
6.	William B. Werther and David B. Chandler, Strategic Corporate Social Responsibility,	
	SAGE Publications Inc., 2013	
-	William B. Werther and David B. Chandler, Strategic Corporate Social Responsibility,	



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Reg	ulation	2018		AQUE I	OPEN	ELECT	TIVE		Tot	al Hour	rs	45
Category	Cours	e Cor	le		Col	ırse Na	me		Hou	rs / We	ek	C
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Course Ob	ojective	(s): T	he pur	pose of	learnin	g this co	ourse is	to:				
1	genera	l and i	in certa	in spec	cific ind	ustries o	or organ	ization	s.	a ng b	various le	mind put
2	Help th develo					alyze th	e issues	and st	rategie	s requir	ed to sele	ct and
3	Develo	op rele	evant sk	tills ne	cessary	for appl	ication	in HR	related	issues.	00.000	12. 11.11
4	Domai	n con	cept in	order t	o take c	orrect b	usiness	decisio	ons			g with the
5	Unders that co				process	of recr	uitment,	Select	tion, Ti	raining,	PA and o	ther factor
Course Ou	tcome	(s) (C	Os): A	t the er	nd of this	s course	e, learne	rs will	be able	e to:		
CO1	Unders	tand t	he basi	e knov	vledge o	n HRM	concep	ts.	10 UCS	Tati -		N. Levels
CO2	Knowa	about	recruit	nent a	nd selec	tion pro	cess car	ried ou	ut in di	fferent 1	ypes of co	oncern.
CO3					aining p 1g need a			ed by o	organiz	ation a	nd be in a	- 444 (01Q) - 444 (01Q)
CO4					dling gr						- 4	
CO5		o diffe	rentiate	betwe	en dom	estic an	d interna	ational	HRM.	1.303	1844 (1944)	
	anning		-	28 12	See 18			R. A.			- 11- 14- 14- 14- 14- 14- 14- 14- 14- 14	
CO-FO MI	"PPm6				D							
	"PPm5				Pos						PSO	S
COS	PO	PO	PO	PO	Pos PO5	PO	PO7	PO	PO9	PO10	PSO PSO 1	PSO 2
COS		2	3	4	PO5	6	and a	8			PSO 1	PSO 2
	PO 1				da sin		PO7		PO9	PO10	<u> </u>	-
No. No.	PO 1	2	3	4	PO5	6	and a	8			PSO 1	PSO 2
COS CO1	PO 1 -	2 2	3 1	42	PO5	6 1 1 -	1	8 2	1	1 1 1	PSO 1 1 1 1 1	PSO 2 2 2
COS CO1 CO2	PO 1 -	2 2 3	3	4 2 -	PO5 1 2	6 1 1	1	8 2 1	1	1	PSO 1 1 1	PSO 2 2 2
COS CO1 CO2 CO3	PO 1 -	2 2 3	3 1 -	4 2 -	PO5 1 2 -	6 1 1 -	1 - 1	8 2 1 1	1 1 -	1 1 1	PSO 1 1 1 1 1	PSO 2 2 2

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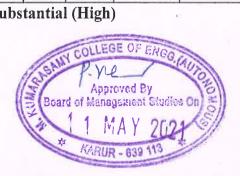
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JNIT I	INTRODUCTION TO HUMAN RESOURCE MANAGEMENT	9
Definition	and Concept, Features, Objectives, Functions, Scope and Development of	
Juman Re	esource Management, Importance of Human Resource Management, Human	
Resource	Practices, Concept of Personnel Management, Difference Between Personnel	
	ent and HRM	
UNIT II	HUMAN RESOURCE PLANNING	9
Concept c	of Human Resource Planning (HRP), Factors in HRP, Process of HRP - Source	
of Recruit	ment, Selection Process - Induction, Placement- Talent Management- Job Analysis,	
lob Descr	iption, Writing a Job Description, Job Specification, Job Design	
UNIT III	TRAINING AND DEVELOPMENT	9
ntroducti	on, Meaning and Definition of Induction, Need for Induction, Problems	Face
luring In	duction, Induction Programme Planning - Concept and Significance of Ira	ining
Fraining 1	Needs, Training Methods, Types of Training	
		0
UNIT IV	PERFORMANCE APPRAISAL AND WAGES AND SALARY	9
Performa	nce Appraisal - Introduction, Concept of Performance Appraisal,	
Purpose of	of performance appraisal, Process, Methods of Performance Appraisal,	
Purpose o Major Iss	of performance appraisal, Process, Methods of Performance Appraisal,	
Purpose o Major Iss Wages ai	of performance appraisal, Process, Methods of Performance Appraisal, ues in Performance Appraisal. nd Salary - Introduction, Nature and Significance of Wage and Salary	
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Purpose o Major Iss Wages a Administ	of performance appraisal, Process, Methods of Performance Appraisal, ues in Performance Appraisal. nd Salary - Introduction, Nature and Significance of Wage and Salary ration, Theories of Wages, Methods of Wage Fixation	9
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Purpose o Major Iss Wages an Administ UNIT V Employe Disciplin	of performance appraisal, Process, Methods of Performance Appraisal, ues in Performance Appraisal. nd Salary - Introduction, Nature and Significance of Wage and Salary ration, Theories of Wages, Methods of Wage Fixation EMPLOYEE RELATIONS AND EMPLOYEE EMPOWERMENT e Relations - : Introduction, Concept of Employee Relations, Managing Managing Grievance, Employee Counseling.	
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Regu	lation 2019	Semester I		otal Hou		15
Category	Course Code	Course Name	Ho	urs / We	1 10.00	C
M	19PATM102	English For Research Paper Writing	1	0	P 0	0
Prerequisi	te Course (s)					
Nil	병원, 인명권, 만역 관람, 민국왕,				21.564 L054 J0	SAL Dell
Course Ob	jective (s):					
The nurnos	e of learning this co	urse is to:				
	NA ALSO TRACE		C	1.4		
	erstand that how to	improve your writing skills and level	of readabi	lity		
		eeded when writing a Title				_
Contraction - White						
	tcome (s) (COs):					
At the end	of this course, learn	ers will be able to:				
CO1 Und	lerstand the basics of	of writing skills				
	strate the level of re	-				
		write in each section				
CO4 Sun	nmarize the skills ne	eeded to form a title				in and in
		UNIT I	isting 24			3
		d Order, Breaking up long sentences, Removing Redundancy, Avoiding An				1
		UNIT II	an State and State			3
		ghlighting Your Findings, Hedging and r, Abstracts. Introduction	d Criticisi	ng, Parap	hrasing	and
	, sections of a rape	and the second state of th	15		1990 M	
		UNIT III				3
Plagiarism		UNIT III nods, Results, Discussion, Conclusions	s, The Fina	al Check		3
Plagiarism			s, The Fina	al Check		3
Plagiarism Review of Key skills	the Literature, Meth	nods, Results, Discussion, Conclusions	en writing	an abstra	act, Key	3
Plagiarism Review of Key skills	the Literature, Meth	nods, Results, Discussion, Conclusions UNIT IV riting a title, Key skills are needed whe troduction, Skills needed when writing	en writing	an abstra	act, Key	3
Plagiarism Review of Key skills are needed Skills are n when writi	the Literature, Meth are needed when we when writing an in needed when writing ng the discussion, S	nods, Results, Discussion, Conclusions UNIT IV riting a title, Key skills are needed who	en writing g a review ting the re	an abstra of the lif	act, Key terature	3 skills 3 neede



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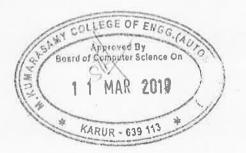
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Refe	rence (s)
1	Goldbort R (2006) Writing for Science, Yale University Press (available on Google Books)
2	Day R (2006) How to Write and Publish a Scientific Paper, Cambridge University Press
3	Highman N (1998), Handbook of Writing for the Mathematical Sciences, SIAM. Highman'sbook.
4	Adrian Wallwork, English for Writing Research Papers, Springer New York Dordrecht Heidelberg London, 2011

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	Regul	ation 2019	Semester II	and the second second second	otal Hou		15
Cate	gory	Course Code	Course Name	L	ours / Wo	еек	- C
N	A	19PATM103	Pedagogy Studies	1	0	0	0
The second se	equisit	e Course (s)			TRUE T		-211
Nil	01	(r)					-
	1	ective (s):				1. 37.5	
The p		of learning this co					
1			ce on the review topic to inform progra , other agencies and researchers.	amme des	sign and p	olicy n	naking
2	Ident	ify critical evidenc	e gaps to guide the development.				
Cour	se Out	tcome (s) (COs):					
At the	e end c	f this course, learne	ers will be able to:				
CO1		uss the growth of th al of Gandhi in Ind	ne demand for civil rights in India for i an politics.	the bulk c	of Indians	before	the
CO2	conc	eptualization of soc	origins of the framework of argument cial reforms leading to revolution in In	idia.			
CO3	unde	r the leadership of	ces surrounding the foundation of the G Jawaharlal Nehru and the eventual fai suffrage in the Indian Constitution.				
CO4			he Hindu Code Bill of 1956.				
	UNIT I	INTRODU	CTION AND METHODOLOGY			-	3
learni	ing, Cı		kground, Conceptual framework and t education, Conceptual framework, Re				w of
τ	UNIT I	I THEMATI	C OVERVIEW				3
		l practices are being urriculum, Teacher	g used by teachers in formal and inform r education	mal classi	rooms in	develop	oing
ι	J NIT I I	II PEDAGOG	IC STRATEGIES	Star Star			3
asses schoo Stren	sment ol,curri igth and	of included studio culum and guidar d nature of the body	of pedagogical practices, Methodologes, How can teacher education (currince materials best support effective y of evidence for effective pedagogica beachers' attitudes and Pedagogic strat	riculum a pedagog l practice	and pract gy, Theo	icum) a ry of a	and th chang
ι	U <mark>NIT I</mark>	V PROFESSI	ONAL DEVELOPMENT				3
teach		the community, C	actices and follow-up support ,Peer Curriculum and assessment, Barriers to				
0-				13	Shing 60		d By r Science
			Curriculum and Sy	yllabus 2	019 Regul	ation	201
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1 1	UNIT V	RESEARCH GAPS AND FUTURE DIRECTIONS								
Rese Disse		, Contexts, l research impa		Teacher	education,	Curriculum	and	assessment,		
Text	Book (s)									
1	Ackers J, H (2): 245-26	Iardman F (200 1.	1) Classroor	n interactio	on in Kenyar	n primary scho	ools, C	ompare, 31		
2	Agrawal M (2004) Curricular reform in schools: The importance of evaluation, Journal of Curriculum Studies, 36 (3): 361-379.									
Refe	rence (s)									
- 1		ng K (2003) Te oject (MUSTE)		-			e teacl	her education		
2	Akyeampong K, Lussier K, Pryor J, Westbrook J (2013) Improving teaching and learning of basic maths and reading in Africa: Does teacher preparation count? International Journal Educational Development, 33 (3): 272–282.									
3	Educational Development, 33 (3): 272–282. Alexander RJ (2001) Culture and pedagogy: International comparisons in primary education. Oxford and Boston: Blackwell.									

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Regulation 2018				Semester I				То	tal Hou	45		
Category Course Code			Course Name				Hou					
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С		PBA18103 BUSINESS E CORPORAT RESPONSIB			DRATE S				0	0		3
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2		sitize the			derstand	ing of et	hical iss	ues at w	orkolace	S. 10. 20	1210	10
3	gai pri	n vivid kı nciples ar	nowledg 1d busin	ge on corj	porate so s in CSR	cial resp activitie	onsibilit s	y and to	gain the	importa		hical
4	im	port know	vledge o	n differen	nt strateg	ies for C	SR and	awarene	ss about	CSR issu	les	1.5
5		ld the imp								ctivities g	lobally	الم وما م
		come (s) (and the second se									
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CO	-	identify t principles	S	firms.							ations o	f ethic
CO CO		know the	environ	imental r	esponsib	ility of b	usiness	via CSR	activitie	es		
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	IT I ETHICS	9
Abu	cs – Meaning, Definition, Business Ethics – Characteristics - Ethical Theories - The Ethica ision Making Process - Employee Duties and Rights - Causes of Unethical Behavior; Ethic ses; Work Ethics; Code of Conduct.	l cal
	T II MANAGEMENT OF ETHICS	9
Ethic	dling Ethical Dilemmas at Work - Management of Ethics - Ethics Analysis [Hosmer Mode cs in Practice - Professional Ethics for Managers; Role and Function of Ethical Managers- cs in Marketing, Finance and Human Resource, Challenges of Business Ethics.	17.
	T III CORPORATE SOCIAL RESPONSIBILITY	9
in Inc		on atives
LINIT	T IV ISSUES IN CSR	9
Need Chall	I for CSR; Role of Business in Society, Building Blocks of CSR - Strategies for CSR; lenges and Implementation - CSR and Environmental Issues, Social Issues, Labour Issues	-
Need Chall Gove	renges and Implementation - CSR and Environmental Issues, Social Issues, Labour Issues ernment Issues. FV GLOBAL CSR	and
Need Chall Gove JNIT Devel mpac Busin	Independentation - CSR and Environmental Issues, Social Issues, Labour Issues FV GLOBAL CSR Iopment of Strategic CSR Model- Current Issues in CSR- Globalization and CSR Initiative ct on Business – Global CSR Activities and Policies – International Standards and Norms ness Ethics, Corporate Governance Across the Nations - CSR Activities of GroupingCount	and 9 ves -
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Need Chall Gove JNIT Devel mpac Busin Refer 1.	Interpretendentation - CSR and Environmental Issues, Social Issues, Labour Issues Image: Series - Concepts and Cases, PHI, 6/e, 2009 Sanjay K. Agarwal- Corporate Social Responsibility in India, Response book, 1 st ed 200	and 9 ves - tries.
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Department	MECHANICAL ENGINEE	MECHANICAL ENGINEERING							I
Course Code	Course Name		Hour: Weel		Total	Credit	edit Maximum		Marks
		L	Т	Р	Hours	С	CA	ES	Total
19PMEC104T	ROBOT DESIGN & PROGRAMMING	3	0	0	45	3	50	0 50	100
Course Objectiv	ve (s):								
To teach	the students about the kinematic arrangement	of ro	obots	and i	ts applica	tions in t	he area	a of	
	turing sectors								
> To expos	se the students to build a robot for any type of a	appli	icatio	n					
Course Outcom									
	art knowledge in the area of Robot designing a	nd p	orogra	mmi	ng in Rob	otic lang	uages.		
	RODUCTION								9
Definition, Need	Application, Types of robots - Classification	ons	- Co	nfigu	iration, v	vork volu	ime, c	ontrol	loops,
	telligence, specifications of robot, degrees	of	free	doms	, end e	ffectors	– typ	es, se	election
applications.	•			- ,				-	
Unit II RO	BOT KINEMATICS								9
	Matrix representation Homogeneous transform								
	enbers representations – Inverse Kinematic					ental pro			
	lifferential motion and velocity of frames - Ja				ential Ch	narges bet	ween	frames	
	BOT DYNAMICS AND TRAJECTORY PL								9
	chanics, dynamic equations for sing, double a								
	ry planning – joint space, Cartesian space des	cript	ion a	nd tr	ajectory j	planning	– thire	d orde	r, fifth
	ial trajectory planning								
	BOT PROGRAMMING & AI TECHNIQUE								9
•••	mming – Teach Pendant programming – Basic	conc	cepts	in Al	techniqu	ies – Cor	cept o	f knov	wledge
	- Expert system and its components.								
	BOT SENSORS AND ACTUATORS								9
	ts - characteristics of actuating systems, comp								
	actuators, shape memory type metals, sensor					orce, tem	peratu	re, pr	essure
sensors - Conta	ct and non contact sensors, infrared sensors,	RCC), visi	on se	ensors.				

TOTAL: 45 HOURS

REF	FERENCES:
1	Saeed.B.Niku, Introduction to Robotics, Analysis, system, Applications', Pearson educations, 2010.
2	Groover.M.P. Industrial Robotics, McGraw – Hill International edition, 1996.
3	Wesley E Snyder R, Industrial Robots, Computer Interfacing and Control', Prentice Hall
	International Edition, 2013.
4	Gordon Mair, Industrial Robotics', Prentice Hall (U.K.) 1988
	John J. Craig, Introduction to Robotics: Mechanics and Control, Pearson, 3rd edition, 2004.
	Fu K S, Gonzalez, Lee C S G, Robotics: Control, Sensing, Vision and Intelligence, McGraw-
	Hill Book Company, 1987.

