RT Semester III

Code	Course	Cour	Course Title	Cwod!4	L:T: P	Teaching	Marks				
Code	Levels	se	Course Title	Credit	L:I: P	Hours	CIA	ESE	Total		
RT301C	100	DSC	Remote Sensing and GIS for Rural Planning	4	3:1:0	60 Hours	30	70	100		
Practical		DSC	Remote Sensing and GIS for Rural Planning		0:0:2	30 Hours		50	50		
RT301 TE RT305TE	300		Three DSEs from the pool of DSEs for the III semester	3 × 4 = 12	3:1:0	60 Hours	30	70	100 × 3 = 300		
Practical			Selected three DSEs from the pool of DSEs for the III semester		0:0:2	60 Hours	30	50	50 × 3 = 150		
RT309R	100	DSR M	Research Methodology	4	4:1:0	60 Hours	30	70	100		
Practical		DSR M	Research Methodology					50	50		
	500		Total	20					750		

List of DSE of Third Semester

Code	Course Title
RT302E	Medicinal Plant Production Techniques and Extraction
RT303E	Food Science Technology and Value Addition in Natural Product
RT304E	Lac Production Technique
RT305E	Rural Waste management
RT306E	Rural Banking And Financing
RT307E	History and ideology for Rural Development

RT Semester IV

Code	Course	Сочисо	Course Title	Credit	L:T:	Teaching		Mark	S
Code	Levels	Course	Course Title	Credit	P	Hours	CIA	ESE	Total
RT401C	100	DSC	Indigenous Art and Its Management	4	3:1:0	60 Hours	30	70	100
Practical		DSC	Indigenous Art and Its Management		0:0:2	30 Hours		50	50
RT 402R	100	RES	Focussed Group Discussion, Analysis, and Report	4	0:0:4	120 Hrs	30	70	100
RT 403R	100	RES	Formulation of Research Problem and Review of Literature, Synopsis	4	0:0:16	60 Hrs	30	70	100
			Presentation, Research Work						
RT - 404R	200	RES	Research Thesis	8	4:0:0	240 Hrs		200	200
	500	-	Total	20				1	550

I Semester 750

II Semester 750

II Semester 750

IV Semester 550

Grand Total 2800

n. a summanist entere er en enterektrentermentet ette ef 8 st	Selection of the second second second second		Semester - III			
Code: 1	RT301TC	Title:Remote	Sensing and GIS for Rural Planning		Max. Mai	rks
Тур	: Core	Credit : 4 L:T:P= 4:0:0	Teaching Hours: 60 hrs	CIA 30	ESE 70	Total 100
CO1 CO2 CO3	on applicat Aware with of rural dev Understand developme	damental knowledg ion of remote sensith the prospect and posterior and posterior and the software of rent.	emote sensing and GIS application	ts appli	ication in t	he field
CO4 Unit	Contents	e remotely sensed d	lata		Bloom's Corresp	Cos
Unit 1	History, Interactions surface. Fe	Energy Sources in the atmosphe	Remote Sensing: Introduction, & Radiation Principles, Erre, Energy Interactions with Infectance of vegetation, Soil & ving	ergy Earth	U	COI
Unit 2	Photo-Gran	nmetry: Introduction in the control of the control	on, Types of Aerial Photogrametry, Geometry of a vertical ande, Applications of vertical ametry: Stereo models, Stereosc	nerial	U	CO2
Unit 3	Satellites a satellite re (DIP): Intro Geometric Microwave aperture Recharacterist orbit, Sun	lated with remote oduction, Preprocess & Radiometric Remote Sensing ADAR, radar return	and non-imaging sensor, Diff sensing. Digital Image Procesing of image – Image interprets Correction, Image Enhancer Introduction, sensors, syntals and image signatures, radar image Satellite Orbit. Geosynchron Thematic Image classification	ntion, ment. hetic mage	An	CO3



Unit 4	Global Positioning System: Definition, main segment, types, uses, nature and sources of errors in GPS signals. Geographical information system: Introduction, component of GIS, role of remote sensing and GIS in the Chhattisgarh region, Spatial Data information, Image Interpretation.	Ар	CO4
Text/	Remote Sensing - Principles & interpretation - F.F. Sabins		
Refere	Digital Remote Sensing - Dr. P. Nag. Dr. M. Kudrat		
nce Books	Principles of Remote Sensing - P.J. Curran. Remote Sensing principals and application- Dr. B. C. Panda		

	•	S	emester – III			
	ourse Code: RT301PC		mote Sensing and GIS for Rural anning- Practical	M	lax. Ma	ırks
		Credit: 4		CIA	ESE	Total
Type:	Core	L:T:P= 0:0:4	Teaching Hours: 32 hrs	30	70	100
•	Geome Princip Superv nearest Creation Digitize	al component analysis, ised classification, Superv neighbor and artificial number of digital evaluation monation of different features	ction of satellite data, Image enhancised classification schemes (Maxin meral net-work classification), Velodel through contour digitization ar of given topo-sheet. Editing attributes like polygon line, tic, polyline of	mum like getation ad surfac ates of g	elihood indices e hydro	ology.

O	1			1		PO	8						11	SOs	
Out Come	1	2	3 :	.21	5	6	7	8	9	10	11	1	2	3	4
CO1	3	2	2	2	1.1	1	12	1	11	2		2	1 1	-	W/A
CO2	3	12	2	1 2	1 1	11	11	1 1	1	2	1	2	1	-	-
CO3 1	2	3	7:	12	<u> </u>	12	11	1	1	2	1	2	1	-	-
CO4	3	1	1	15.0	l	2 2	12	1	1	2	1	2	1	-	-
										J					

The Manufaction of the second of the second

	31	emester -III			
Code:	Title : Entrepreneurship and and Man]	Max. Mar	ks
Type: Core	Credit : 4 L:T:P= 4:0:0	Teaching Hours: 60 hrs	CIA 30	70 ESE	Total 100
CÖ1 CO2	Understand entrepreneurship Aware about the MSME, their			nent.	
CO3	Understanding about the proje Knowledge about various establishment.	ect, plan of action in any busin	ess env	rironment.	usiness
Unit		ontents		Bloom's Corresp ondence	COs
Unit 1	of a successful entrepreneur.	of being an entrepreneur, qua	lities ons of	U	CO1
Unit 2	characteristics and scope of importance of small busine concept of career, important arranges in business wage.	nce of choosing a career, of Employment, self - employing Supployment, qualities required	areer, areer ment.	U	CO2
Unit 3	Project Management and characteristics, needs and Cl project management, roles manager, Identifying entreparts of Action Deciding of	Setting up a Small Busing assification of a project, phase and responsibilities of projected and Opportunity, Prephe nature and forms of busing angement of Resources,	roject aring iness,	U	CO3
Unit 4	Government Policy toward commercial policy of Chhattentrepreneurship developments Business: National Small Information Small Industries Developments Bank for Agriculture and Khadi and Village Industries Sarving Institut	s Small Business Industrial tisgarh. Schemes and program of the Institutional Support to dustries Corporation (NSIC), at Corporations (SSIDCs), Na Rural Development (NABAries Commission (KVIC), tions (SISIS), Small Indudia (SIDBI), District Industrial	Small State tional ARD), Small stries	Аp	CO4
e (* i	Centers				-



	Reference
Text/Refer	S. Kanka: Entrepreneurial Development
ence Books	P. Chandra: Project Planning, Analysis, Selection, Implementation and Review Tata
	McGraw Hill.
	VasanthaDesai: Dynamics of Entrepreneurial Development
	C.B. Gupta & N.P. Sreenivasan: Entrepreneurial Development
	Dr. AnupamTiwari: Grain Management: To Ensure Food Security, Marks Books,
	New
	Delhi Nirmal K. Gupta: Small Industry - Challenges and Perspectives

		Se Se	emester – II			
Course C			preneurship and Small Business nd Management- Practical	M	ax. Ma	arks
Type: Core	. Cr	edit : 4	Teaching Hours :32 hrs	CIA	ES E	Total
<i>i i i i i i i i i i</i>	Ļ:T:	P= 0:0:4	, carring	30	70	100
	Field based/	Laboratory exer	rcises:			
	1. Visit 2. Visit	of near small sca of NABARD and	de industry. d report preparation.			

Course						Po	8						F	SOs	
Out Come	1	2.	3 .	4	5	6		8	9	10	11		2	3	4
CO1 :	3	7	+1:-	12	T	1			-	2	-	2	1	~	
COL	2	2	+-;	1	+	+	2	1	-	1	1	2	1	_	-
CO2	3	2	2	1-	12	-	-	1		2	1	2	1	-	-
CO3	4 .	4.			-		1	1		1	1	2	1	-	-
CO4	3	2	1			l l	-								

			Semester – III		5 D.5	
Cada	RT302TE	Title : Foo	od Science Technology		lax. Ma	
Couc.	IVI SUZI IS	Credit: 4		CIA	ESE	Total
Туре	: Elective	L:T:P= 4:0:0	Teaching Hours: 60 hrs	30	70	100
of the same	TRT 1	d about the meal pla	nning	alan aran aran aran aran aran aran aran	And the second s	
CO1	Understand	t about the mear but				
ĊO2	Learn vario	ous method of food	preparation.			
		4 . 4 4	croorganisms in food preservati	on.		

N ph and Caude

CO4_	Learn various food processing and preservation technologies.		
Unit	Contents	Bloom's Corresp ondence	Cos
Unit 1	Food Science- Introduction, functions of food, nutrition and nutrients, nutrient requirements, inter relationship of food, nutrition and health. Scope & job opportunities of food science. Govt. Schemes for food processing.	U	CO1
Unit 2	Meal Planning - Food groups, balanced diet, meal planning, importance of meal planning, factors affecting meal planning, modification of family meals for various age groups, need for special diet, Purchase and Storage of Food- Perishability of foods, quality indicators, selection, purchase and storage of food, food spoilage: causes and hazards, safe handling of food.	U	CO2
Unit 3	Preparation of Food - Need for cooking, pre-preparation of food, preparation of food, loss of nutrients, effect of heat on cooking, enhancement of nutritive value, effective use of leftover food. Household Equipment- Classification of equipment's, selection of household equipment's, care and maintenance of household	An	CO3
Unit 4	Food Preservation - Meaning and need for preservation, principles of food preservation, household methods of food preservation, Importance & uses of Food Preservation. Value addition: Jam, Jelly, Juice, Pickles, Beverage production of different fruit and vegetable. Rural cottage industries for preservation of food and their products.	Ар	CO4
,	Reference		
Text/ Refer ence Books	Textbook of Food Science and Technology - Vijay Khader. Preservation of Fruit and Vegetable - G.Lal, G.S.Siddappa and G.L.Ta Food Preservation and Processing - M.Kalia and 8. Sood. Grain Management: To Ensure Food Security, Dr.Anupam Tiwari, Ma		New
	Delhi "Fruit Preservation- Principles and Methods - \$.S.Srivastav - KitabMah	nal, Delhi	

M,	e for .	·	emester – III	and appropriate street was a relieve and stated		
Course Co		od Science Technology- Practical	М	ax. Ma	rks	
4		· Carine		CIA	ESE	Total
Type: Core	re L:T:P= 0:0:4		Teaching Hours: 32 hrs	30	70	100
	Study o Incubate Gram st	or, Autoclave.	sed in microbial techniques- Lamin the identification of Gram +ve and abaena, Rhizopus, Yeast			

/**1**

			POs POs										PSOs				
Course Out Come .	1.	2	3	4	5	6	7	8	9	10	11	1	2	3	4		
CO1	3	2 .	1/1	1	ì	1	2	1	-	1	1	2	1		-		
CO2.	3	2 .	1	1	2	1	2	1	-	1	1	2	1	-	-		
CO3	3	2 4	.1	1	2	grands.	1	-	-	1	1	2	1	-	-		
CO4	3	2	1.1	1	13	7	1	1	-	1	1	2	1		-		
9,5		1															

10.			Semester – III		24 24	- 1
_Code:	RT303TĖ	AND THE RESIDENCE OF THE PARTY	Production Technique	CIT 1	Max. M	
Type:	Elective	Credit : 4 L:T:P= 4:0:0	Teaching Hours: 60 hrs	CIA 30	70	Total 100
	4	and the control of th				
COL	Understand	I the basics of lac cu	ulture, biology and life cycle of l	ac insec	et.	
CO2			echnical skills to produce lac in			
CO3	and white. I	ac.	nethod of lac cultivation, proces	sing tec	chnique of	raw lac, she
CQ4	Develop m	arketing skill for co	mmercial lac products.			
No.			AL year ALE SI			
Unit	Contents				Bloom's Corresp ondence	Cos
Unit I	cultivation insect, typ geographic	. Classification and es of lac insect, l al distribution of la	t and economic importance of I morphology and life cycle of history of lac cultivation, area of insect, natural habitat of lac in	a and	U	CO1
Unit 2	Lac product habitat. m rangeeni la of host tre harvesting.	crits and limitation of insect, selection of e, removal of used- scraping of lac fro	sperma: Introduction, history, notes, lac insect and crop, stage of trees, pruning of trees. Inocurup broodlac, pest management, om sticks, primary processing of	lation crop	U	CO2
Unit 3	Lac product habitat, im rangeeni a inoculation	erits and limitation of host tree, re	ns, lac insect and crop, stag, selection of trees, pruning of cmoval of used-up broodlac, scraping of lac from sticks, pr	trees,	An	CO3
Unit 4	Lac production habitat, me lac insect, tree, remo	ction in <i>Schleichera</i> erits and limitations, selection of trees, val of used-up bro	sport and marketing of lac. soleasa: Introduction, history, n lac insect and crop, stages of l pruning of trees, inoculation o odlac, pest management winte s, scraping of lac from sticks, pr ransport, and marketing of lac	f host r and imary	Ар	CO4





Bull 9 to

	production in Flemingiasemkalara: Introduction, history, natural habitat, merits and limitations, lae insect and crop, stages of kusmi lac insect, propagation and nursery management, planting and nutrient management, pruning of trees, inoculation of host tree, removal of used-up broodlac, pest management winter and summer crops, grop scraping of lac from sticks, primary processing of lac, storage, transport and and marketing of lac.
,	
	Reference
Text/R	✓ Chapinan: The Insects: structure and function 94 ed, 1998, ELBS)
eferenc	✓ Imms: A general text book of entomology, 2 vol. (1997, Asia publishing house)
e .	✓ Megavin: Essential Entomology 92001, Oxford Univ Press)
Books	✓ The Insect. Ramesh Arora and GS Dariwal
Q ₂	✓ Atlas of Indian Lac, Ajit Prasad Jain.
477	✓ Lae cultivation in India. M.G.Kamath
5	A handbook of shellac Analysis. G.N.Bhattacharya and P.K.Bose.

•			. Si	emester – III			
	ourse C RT3031		Course Title: Lac	Production Technique- Practical	M	lax. Ma	rks
Type:	Core	:	Credit : 4 L:T:P= 0:0:4	Teaching Hours: 32 hrs	30	70	Total 100
	1. Ide 2. Sel 3. Rei 4. Pro 5. Lac	ntification ection and noval of u cessing of crop prof	I inoculation of brood used-up brood lac stick flac.	ks from host plants.	ion.		

Carrak	i		· ;			PO	ls						P	SOs	
Course Out Come	1	2	3.	4	5	6	7	8	9	10	11	1	2	3	4
COL	3	2	1.1	+		$\frac{1}{2}$	1	1	-	1	1	2	1	_	-
CO2	3	2	1	-	3	2	1	1	-	1	1	2	1		-
CO2	2	2	1:	 -	2	12	1	2	-	1	1	1	1	-	-
CO3 CO4	3	2.	i	-	3	2	1	1	-	1	1	2	1	-	-
				J		J									-



			Semester – III				
Code:	RT304TE	Title:Rur	ral Waste management			. Mark	
	Electiva.	Credit: 4	Teaching Hours: 60 hrs	CIA	ESE		Total
ı ype:	Elective	L:T:P= 4:0:0	reaching rivurs . ov ills	30	70		100
CO1 CO2 CO3 CO4	industries. Aware abo Learn abou Learn abou	out sanitation and was at waste water manag at the recovery of pro- y recovery, hazardo	on various aspects of waste maste water management. gement oducis from waste to compost a bus waste management and tree.	and bioga	ıs, incin	neration	1
Unit	waste mata		Contents		s Co	oom'	Cos
Unit 1	systematic sewage treatment	collection and disposition collection and disposition and disp	Type of waste, different rosal of waste, Types of sever. primary, secondary treatment a neral composition of sewage,	Concept and Tertia	of iry	U	CO1
Unit 2	Rural San purposes, c sullage, di carriage, C soak pit, p	collection and dispose sposal of excretal construction of low- rivy pit and bore he	of safe and potable water for sal of dry refuse, collection and waste, night soil disposal with cost latrines in rural areas Soule privy, can privy, concrete to	disposal thout wat eptic tanl	of ter ks,	U	CO2
Unit 3	Waste wa manageme O-trap, S	nt system, house dra trap, floor trap, gi	performance criteria Que wainage plan, classification of traully trap, intercepting trap. g	aps- P-112	1P, [An	CO3
Unit 4	Solid wast compositio refuse, disp into sea, trenching,	n of refuse, collect posal of refuse contra- pulverization, inc. open window adopted in India.	assification of solid waste, qualition and removal of refuse, to colled tipping, landfill, trenching ineration, composting composting, mechanical compositing technology properties dof Non-conventional Energy?	ransport g, dumping consting compostin of biogs	of ng by ng, as,	Ap	CO4
	***		Reference	Charatas	r Public	shino I	Touse (
Text/			pply & Sanitary Engineering,	CHAIUIAL	LUDII		(,
Refer	Ltd., A	anand.	Canitary Eno	rineerino	Stan	dard :	Publishe
ence			er Supply & Sanitary Eng	,1110011115,	Juni		
Books	Garo	outors, Delhi S.K., Water Supply	y Engineering, Kharma Publis ering, Asian Publishers, Muzafi	hers, Del	lhi. Gu	pta, D	V. Wat

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			S	Semester – III			
	ourse (RT304	Code: PE	Course Title: Ru	ral Waste management- Practical	M	lax. Ma	rks
		ore Credit: 4			CIA	ESE	Total
Type:	Type: Core		L:T:P= 0:0:4 Teaching Hours : 32 hrs		30	70	100
			,				
	Field	based/La	boratory exercises:				
	1. 7	Γo study ty	pes of waste material	•			
	2.	To study t	he physical treatment	of waste water.			
	3.	To study t	he biological treatmen	nt of waste water.			
	4.	To study t	he chemical treatmen	t of waste water			
	5,	Visit to se	wage treatment plants	S			
				solid waste management.			
				d waste management			
			arious model of privy				
	9.			solid waste management			

Course						PO	POs						PSOs				
Out*	1	2	3.	4	5	6	7	8	9	10	11	1	2	3	4	5	
Conte	2	7:	1				1	2		2	2	12	1	-	-	3	
CO2	3	2	1	+	$\frac{1}{3}$	2	i	1	-	2	1	2	1		-	3	
CO3	3	2.	1	†-	2	1	1	2	-	1	2	1	1	-	<u></u> _	3	
CO4	3	2	1	-	3	2	1	1	-	2	1	2	1	-	-	3	
									<u> </u>							1	

			Semester – III			
Course	Code: RT305TE	· Course Title:	Natural Product Management		Max. Ma	rks
-		Credit: 4		CIA	ESE	Total
Тур	e: Elective	L:T:P= 4:0:0	Teaching Hours: 60 hrs	30	70	100
CO2			es of natural products with detaile ous knowledge, traditional use an			.



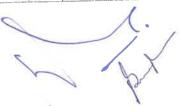
Unit	Contents	Bloom's Corresp ondence	COs
Unit 1	Definition, contribution of natural products for National Economy, important product of forest, and their role in rural economy and livelihood, utilization pattern of forest products.	U	CO1
Unit 2	Classification and use, Grasses, bamboos and canes, essential oils from grass, root and flower oils. Methods of extraction of essential oils, distillation, uses of oils, Role of oils and waxes in rural economy.	U	CO2
Unit 3	Tanes and it's uses - Wood tanes, bark tanes, fruit tanes and leaf tanes, Dyeswood, bark, flower and fruit dyes, root dyes leaf dyes, animal dyes, uses of tannins and dyes in Rural industries. Gums and resins- true gums, hard resins, oleo resins, utilizations of gums and resins, gum and resin tapping: Manufacturing of turpentine. Katha, cutch and charcoal making.	Ap	CO3
Unit 4	Edible foods-leaves and young shoots, flower and young buds, fruits, seeds and nuts, bark and pith, gums, tubers, rhizomes and corms, nutritional value of important of edible food. Special food of Bastar region — Boda, imli, kaju, basta, mata, salfi.	Ap	CO4
Text	Non Timber Forest Product - S. Negi.		
	Forest Non - Wood Resources - A.P. Devadi. Textbook of Food Science and Technology - Vijay Khader. Preservation of Fruit and Vegetable - G. Lal, G. S.Siddappa and G. L.Tandon.		
Books	Food Preservation and Processing -M.Kalia and 8. Sood		

		S	emester – III	-		
Course Co RT305P		Course Title: Natu	ral Product Management-Practical	N	Iax. Ma	rks
Type: Core		Credit : 4 L:T:P= 0:0:4	Teaching Hours :32 hrs	CIA 30	70	Tota 100
1. 2. 3: 4. 5. 6.	aborator Identified Study of Identified Tapping Study of Identified	ry based exercises: ation of fibre producing fibre processing techniq ation of gum producing & collection of gums fr various types of resin & ation of dye producing p dye preparation techniq	ues. plants & characteristics. om various plant sources. their sources lants.			

Committee of the Committee and Correlational matrix

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Course.	110	3/11 13/0	/3 1110	Prince		Po							P	SOs	
Out. Come :	i	2	3	4.	5	6	7	8	9	10	11	1	2	3	4
COL	3	2	2	- :		4-2	-	-	pp.	1	-	2	1		-
CO2	3	2	1	-	I	-	2	1	-	1	1	2	1	-	
CO3	2	3	2	- 1,1	2	-	L.	-	-	1	1	2	1	-	-
CO4	3	2	1	- 1	1	1	2	i	_	1	1	2	1	-	-



An



	i	T (Semester - IV			
Code: F	RT401TC	Title-Indigeno	us Art and Its Management		Max. Mar	
-	: Core	Credit : 4 L:T:P= 03:01:0	Teaching Hours: 60 hrs	CIA 30	70	Total 100
CO1	Understar	nd the constitution of	drug and drug delivery system	•	-1	
CO2	Learn dru	g formulation and ex	traction phenomenon.			
CO3	Learn inno	ovation in design and	d processes			
CO4	Understar	id the economy and i	narketing of indigenous art			
interests on the second					T2.1 1	T
Unit			Contents		Bloom's Corresp ondence	Cos
Unit 1	traditiona history o	l arts and its impo of Chhattisgarh tra	Art scope in Chhattisgarh, Vartance in Chhattisgarh. Originaditional art,background, dif	n and	U	CO1
Unit 2	Bell meta and techn and equit Materials	I craft (Dhokara Arto liques. Tribal Iron A prients, Woodenart, Processes, technic	Ghardwa Art) - Materials, Product Materials, processes, technology Terracotta art and Bamboo ques, equipments and application	art -	An	CO2
Unit 3	indigenou	n in Design and Pro	ocesses- Mixing of modern are	t with quired	An	CO3
Unit 4	*Economy art; presendifferent	at situation of rural a	and equipment. rketing problems related with artisans of Chhattisgarh state, ron-government organization i	OLC OT	An	CO4
	- A		Reference		D. D. 1 . 1	CDM
Text/	t., Ch	andra, Seema, Socia	Problem and Social Works, 20)12, AL	L ROOKS,	-NICLG.
Refere nce Books	10 :2. Za	.9382215816 Istrow, Charles, Soci	al Problems: Issues and Solutio	ns, 200	0, Wadswo	orth,
3	3. M	adan, G.R., Indian S 8184244533-978:	ocial Problems, Allied Publishe 2) Women and Law in India, W	omen S		
	D	evelopment Centre, I	December, New Century Public	ation.		

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	4 k	Semester – IV			
Course Code RT401PC	: Course Title: Ind	ligenous Art and Its Management- Practical	M	lax. Ma	rks
Type: Core	Credit : 4	The 11 and 20 has	CIA	ESE	Tota
3,000	L:T:P= 0:0:4	Teaching Hours: 32 hrs	30	70	100
= 1					
Field base	ed/Laboratory exercises:				
1	of Bell metal craft manufac	cturing site.			
2 Makir	g of bamboo art.				

Course	T -					Pos	S							PSOs	S	
^a Out	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5
Come		*							1							
.CO1 .	2	-	1	-	1	2	1	2	-	2	1	-	3	-	-	-
CO2	2	3 ·	3	1	1	2	1	1		2	1	-	3	1		-
CO3	3	2	2	2	1	2	1	1	-	2	1					
CO4	3	2	2	1	1	2	1	1	-	2	1					

AT

	4 ,		Semester – IV			
Code:	RT402PR		Group Discussion, Analysis and Report	Francis	Max. Mai	·ks
	Research lodology	Credit : 4 L:T:P= 0:0:04	Teaching Hours: 120 hrs	100	ESE 00	Total
CO1 CO2 CO3	To develop To develop ability to th	ability to build relat the quality of analyzink and understand to the group in getting	thet a Focus Group Discussion. ionship with groups and commuzing the problems of a particular to solve those problems. g benefits of government scheme	group a		
Unit	Contents				Bloom's Corresp	Cos
Focus group discus sion, Analy sis and Repor	people from specific to A group of the field ar what can be	om similar backgro pic o interest. Studer f student will select and study that group.	D) is a good way to gather togounds or experiences to discurts will be divided into some great a Focused group. Students will a Understand their problems and stopment of that group. Students the department.	ether ass a cups. go to study	U	CO1
<u>t</u> .	<u> </u>	and administrative is the site of the first processing to the control of the cont	Reference			
Text - Books	researe 2. Henni	ch, 2014, Oxford Un	cus Group Discussion, understand viversity Press Inc, ISBN 13-978 renational Focus Group Research - 978-0521845618	3-01998	56169	ge

Course						Po	S		14.5					PSO:	S	
Out	1	2	3	4	5	6	7	8	9	10	11	1.	2	3	4	5
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CO2		-		4	13	3	-	-	2	-		-	2	1	-	-
CO3	1 3	2	3	12	-	3	1-	2	_	3	-	3	-	3	3	3
003	13	1 20		+		1 2	1 3	3	+	3	-	3	_	3	3	3



2.6		* *	Semester – IV			
Code: RT	403R	Review of Litera	ion of Research Problem and ature, Synopsis Presentation, esearch Work		Max. Mai	·ks
Type: Res Methodo		Credit : 8 L:T:P= 0:0:16	Teaching Hours: 240 hrs	CIA 100	ESE 00	Tota 100
CO1 CO2 CO3	Descrithe res Assess analyz Learn	search proposal, cho to develop instrum- ting and interpreting Skills and able to ap	ation, review of literature related osing an appropriate research strents of data collection, collecting the data and preparing the research ply methods and Principles during the report and project report.	ategy. g the da rch rep	nta, process	
Unit	Conte	nts. ·			Bloom's Corresp ondence	Cos
Formulati on of Research Problem and Review of Literature, Synopsis Presentati on, Research Work	resear purpo the mo and si extent Each project is made	ch methodology and see of the research verthods and Process of mart users of research, to help them to be student of Rural Teast for investigating a	de students will be offered to ad prepare a small dissertation. Work is to acquaint the student of research, to make them intellight work available and also to see a producer of a quality research nology has to undertake a research social problem or issue. An electric of interest to the students and whization.	The with igent some arch.	Cr	СО

Course	I	alt a man				Po	S							PSO	3	
Out	1 :	12	3	4	5	6	7	8	9	10	11	1	2	3	4	5
Come									-	-	-	2	12	11		3
CO1 ·	3 '	2	2			3	3	2			1	3		1	 	
CO2	1	2	1	_	2	3	2	2	2	1	-	3	2	1	-	3
CO2		1		1.9	-	3	3	3		3	-	3	-	3	3	3
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CO4 ·		-	-	-	-	3								حالا		

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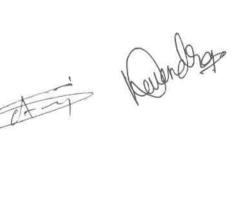
			Semester – IV			
Code: R	Γ404R ·	Title	: Research Thesis	Ty	pe: Rese	arch
Type: Re		Credit: 4	Teaching Hours: 60 hrs	CIA	ESE	Total
Method	ology	L:T:P= 0:0:04	reaching flours: 60 hrs	00	200	200
CO1 CO2 CO3 CO4	day act Able to through Able to	ivity in a Rural Area developed to integra intervention proces acquire the knowles	ate learning and generate new lear	ming b	y partici _l	oation
Unit			Contents	1	Bloom's Corresp	Cos
	In this		students will prepare the report	-	Cr	

Course			-			Po	S							PSO	S	
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Come ·		1														
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CO2	-	2	.2	-	-	-	-	2	-	-	-	2	-	3	2	1
CO3	- 1	-	1-	-	-	-	I -	-	-	-	-	2	1 +	3	2	-
CO4		1	-	3	-	_	Ţ-	-	-	-	-	-	-	-	-	-



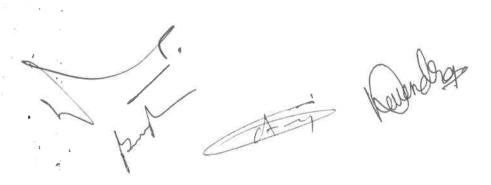
~ "			Semester – IV			
Code: R'			: Research Thesis	Tv	pe: Rese	earch
Type: Re Method	search ology	Credit : 4 L:T:P= 0:0:04	Teaching Hours: 60 hrs	CIA	ESE	Total
		, , , , , , ,		00	200	200
CO2 CO3 CO4	Able to through	vity in a Rural Area developed to integral intervention proces	ate learning and generate new le	arning b	y partici	
91	Able to	do data analysis and	dge about the direct practice with report writing, Able to present	h social i	issues. arch wor	rk.
Ilnit	Able to	do data analysis and	d report writing, Able to present	our rese	arch wor	,
Unit Research	Able to	do data analysis and	dge about the direct practice with report writing, Able to present Contents	our rese	arch wor Bloom's Corresp ndence	Cos

Course	1.2		7			Po	S					PSOs					
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CO3	. =	-	7	-	-	-	J	-	-	-	-	2	-	3	2	-	
CO4	-	-	_	3	-	-		1-	-	-	~	-	-	-	1	1.	



			Semester – IV							
Code: RT404R > Type: Research Methodology		Title :	Research Thesis	Ty	Type: Research					
		Credit: 4	Teaching Hours: 60 hrs							
iyletnoo	lotogy	L:T:P= 0:0:04	00	200	200					
CO2 CO3 CO4	Able to through Able to	intervention proces acquire the knowled	ate learning and generate new lea	social	issues.					
Unit			Contents		Bloom's Corresp	Cos				
Research Thesis	researc	h. Viva-Voce will	ondence ourse students will prepare the report of will be conducted by the Department. Id in the presence of External Examiner wavidyalaya.							

Course						Pos	S					PSOs					
Out	1	10	-3	4	5	6	7	8	9	10	11	1	2	3	4	5	
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CO1:	2	2	2	-	-	-		2	-	-	-	2	-	3		1	
CO2	-	1-2	1.2	-	-	-	-	2	-	-	-	2	-	3	2	1	
CO3	-	-	-	-	-	-	-		-	-	-	2	-	3	2	-	
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many t and many to the first of	•		Semester – IV				
Code: R7	Γ404R →	Title	Research Thesis	Ty	ype: Research		
Type: Research Methodology		Credit: 4	Teaching Hours: 60 hrs	CIA	ESE	Total	
		L:T:P= 0:0:04	00	200	200		
CO2 . CO3 . CO4	through Able to	intervention process acquire the knowled	ate learning and generate new less Ige about the direct practice with I report writing, Able to present	h social	issues.		
Unit						k.	
%./ REES.			Contents		Bloom's Corresp	Cos	

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Course	4					Pos	;					PSOs				
Out	11.	10	- 3	4	5	6	7	8	9	10	11	1	2	3	4	5
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	*		Semester – IV					
Code: RT	404R ·	Title	: Research Thesis	Ty	Type: Research			
Type: Res Methodo		Credit : 4 L:T:P= 0:0:04	Teaching Hours: 60 hrs	CIA 00	ESE	Total 200		
CO2. CO3	day act Able to through Able to	ivity in a Rural Area developed to integral intervention process acquire the knowle	rate learning and generate new leass dge about the direct practice with	rning b	y particij	oation		
Unit	7.0.0		d report writing, Able to present of Contents		Bloom's	Cos		
WARET.			Contrates		Corresp ondence	Cos		
Research Thesis	researc Viva-ve	h. Viva-Voce will	students will prepare the report be conducted by the Departmenth the presence of External Example dyalaya.	ent.	Cr	CO1		

Course						PSOs										
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CO3		-	1-	-		-	-	-	-	-	-	2	-	3	2	-
CO4	. :		_	3	-	-	_	_	-	-	-	-	-	~	-	-

