			SCF	IEME FO	R LEA	RNING	Branc	h Coc	de	С	Course C	Code			LO Code	
KGPV	(Dipioma v	Ning ) Bhopal		OUT	COME	<b>:</b>	C	0	3	3	0	3	3 1	1	1	Format No. <b>4</b>
COURS	SE NAME BUILDI	ING MATERIALS AND	CONSTRU	CTION		I	I						I			
CO Des	scription Descri	ibe important buildi	ing mater	ials used ir	ı Constri	uction and their	uses.									
LO Des	cription Explai	in properties, types a	and uses	of stones,	aggregat	tes, bricks and ti	iles.									
				1		OF STUDY										
S. No.				Method of teaching	g	Description of T-L Process	Teac Hrs			act. /Tu Hrs.			s Requ			Remarks
1	for Civil Engineer Stones : Classificat Definitions: Dressificat requirement of goo of important build Limestone (Kota St Granite, Slate, Qua Aggregates : Classi and Uses of fine Ag ( Sand) Bricks : Classificatio Properties of Good laboratory test on bricks; Special bric blocks, fly ash brick Tiles - Characterist tiles, Important tile	Learning Content ction of Building materials and construction Engineer : Classification of rocks, Important ons: Dressing, Quarrying, Seasoning, ment of good building stone, Characteristics ortant building stones and their uses - Basalt, one (Kota Stone), Sandstone, Marble, s, Slate, Quartzite, Gneiss, Laterite ates : Classification of Aggregate ,Properties es of fine Aggregate, Tests on fine aggregate Classification of bricks, Frog of brick, cies of Good Brick, Different field and ory test on brick as per BIS: 3495; Standard Special bricks- refractory bricks, hollow fly ash bricks, paver blocks Characteristics of good tiles , Classification of portant tiles and their uses: Mosaic , otta, Ceramic, Vitreous			the prov ts, the will on. and to p know	acher will explain e contents and ovide handouts to e students; teacher l conduct a quiz d give assignments practice their owledge.	10		0		l		book, v res, ch d.			JIL
S. No.	Method of	Description of	of Assessme	nt ľ	Maximum	Passing	Criteria				Reso	urces	s Requi	ired		External /
1	Assessment Theory exam	Student will be aske aggregates etc. and properties of bricks, good tiles etc.	ed to classify I to describe	fy rocks, e	Marks	Test Paper +			e	Han	ndouts	s, cha	alk boa irts, vid	ard, PP		Internal External
		U	DDITION		TIONS F	OR THE HOD/ FA	ACULT	<b>Y (</b>	FAN	Y)						<u> </u>
				Part of	and som	ester theory exan	n									

				S	CHEME P	FOR LE	ARNING		Branch Co	de	C	ourse Co	ode	CO Code	LO Code	
RGPV	(Diplo	ma Wi	ng ) Bhopal		OU	JTCOM	E	С	0	3	3	0	3	1	2	Format No. <b>4</b>
COURS	E NAME	BUILDING	G MATERIALS AND	CONST	TRUCTION											
CO Desc	cription	Describe	important buildi	ng ma	aterials used	l in Const	ruction and thei	r us	ses.							
LO Desc	ription	Perform	test on bricks and	d fine	aggregates.	•										
	· · ·					SCHEM	E OF STUDY									
S. No.		Learnir	ng Content		Method teaching		escription of T-L Process		Teach Hrs.		ract. ut Hrs	5.	LRs R	equir	ed	Remarks
1	<ol> <li>Learning Content</li> <li>Determination of bulking of san</li> <li>Determination of fineness mode by sieve analysis of fine aggrega</li> <li>Determination of water absorpt test of bricks</li> <li>Determination of compressive strength of bricks</li> <li>Determination of efflorescence bricks</li> </ol>			ulus ate. tion	Interactive classroom teaching, assignments quiz, presentation	the pro the wil n. and to kno	ovide handouts to students; teache conduct a qui give assignment practice thei pwledge.	b r z s	0	10		v		ook, ecture oard.		NIL
					S	CHEME O	<b>F ASSESSMENT</b>									
S. No.	Method of Assessment Description of A				essment	Maximu Marks	Passing	g Cr	riteria		R	esoui	rces R	equir	ed	External / Internal
1	Practical exam Student will be aske any of the mention				•		Viva + R	atin	g scale					boarc irts, vi	· · ·	Both
'		/	AC	DDITIC	ONAL INSTRU	UCTIONS	FOR THE HOD/ I	AC	ULTY (I	FAN	Y)					
			Par	rt of P	ractical Exa	m : Interi	nal Marks for Pra	ctio	cal : 1	) Mar	'ks					

			SCHE	ME FO	OR LEA	RNING	Branch Co	ode	C	ourse Co	de	CO Code	LO Cod	le	
KGPV	/ (Dipio	ma Wing ) Bhopal		OUT	ГСОМЕ		<i>C</i> 0	3	3	0	3	1	3	F	ormat No. 🗸
COURS	SE NAME	BUILDING MATERIALS AND	O CONSTRUCT	ION						1		1			
CO Des	cription	Describe important build	ding materia	ls used i	n Constru	ction and their	uses.								
LO Des	cription	Describe the properties	of Murrum ,I	Lime, Ce	ment, Mo	ortar and basics	of Concr	ete a	nd ca	rry oı	ut tes	ts on	cem	ent.	
					SCHEME	OF STUDY									
S. No.		Learning Content		Metho teach		escription of T-L Process	Teach Hrs.		ict. /Tu Hrs.	ıt	LRs R	equire	ed		Remarks
1	Lime: Class limes and Cement : 0 types of co cement, ra portland cement, w cement, a cement Mortar : D mortar - L gauged ma resistant r Concrete : properties	Chemical composition of ceme ement and their uses - Ordinar apid hardening cement, low h pozzolana cement, sulphate re white and colored cement, high erated cement, storage of cem refinition, functions of mortar a ime mortar, Surkhi mortar, cer portar, gypsum mortar, Special a nortar, Damp proofing mortar Introduction to concrete - Def	city, types of nt ,Various ry portland neat cement, sisting alumina nent, tests on and types of nent mortar, mortars (fire ), Grout finition,	Interactiv classroor teaching, assignme quiz, presenta	m the , pro ents, the tea tion. a q ass pra kno	acher will explain contents and wide handouts to students; cher will conduct uiz and give ignments to actice their owledge.	08	0		le	ext bo ectures oard.			NIL	
				S	CHEME OF	ASSESSMENT									
S. No.	Meth Assess	Description	of Assessment	t	Maximum Marks	Passing	Criteria		I	Resou	rces R	equire	d		External / Internal
1	Theory ex	am Student will be chemical composi their uses.		•	10	Test Paper +	Rating sca	le			chalk charts				External
		A	DDITIONAL	INSTRU	CTIONS FO	OR THE HOD/ F	ACULTY (	IF AN	Y)						
				Part of	end seme	ster theory exar	n								

				SC	CHEME	FOR LE	ARNING		Branch Co	de	Co	ourse Co	ode	CO Code	LO Cod	e
RGPV	(Diplor	ma Wi	ing ) Bhopal		OL	лтсом	E	С	0	3	3	0	3	1	4	Format No.
COURS	E NAME	BUILDIN	G MATERIALS AND	CONSTI	RUCTION											
CO Des	cription	Describe	e important buildiı	ng mat	terials usec	d in Const	ruction and the	ir us	es.							
LO Des	cription	Perform	n test on cement.													
						SCHEM	E OF STUDY									
S. No.		Learni	ng Content		Method teaching	-	escription of T-I Process		Teach Hrs.		ract. ut Hrs	5.	LRs R	equir	ed	Remarks
1	<ol> <li>Determination of Standard Consistency</li> <li>Determination of Initial and Fin Setting Time</li> <li>Determination of compressive strength of Cement.</li> </ol>				Interactive classroom teaching, assignments quiz, presentatior	the pro s, the will n. and to p	cher will explain contents and vide handouts to students; teache conduct a quiz l give assignment practice their wledge.	r	00	06		v		ook, ecture ooard.	es,	NIL
	1			I	S	CHEME O	F ASSESSMENT									
S. No.	Metho Assessi		Description of	Asses	ssment	Maximu Marks	Passir	g Cri	iteria		Re	esour	rces R	Requir	ed	External / Internal
1	Practical exam Student will be asked any of the mentione						Viva + I	latin	g scale					boarc arts, vi	- C	-, Both
			AD	DITIO	NAL INSTR	UCTIONS	FOR THE HOD/	FACI	ULTY (	IF AN'	Y)					
			Par	rt of Pr	ractical Exa	ım : Interi	nal Marks for Pr	actio	cal : 05	Mar	ks					

	/ / Dinla	ma Mina	- \ Phonal	S	CHEME F	OR LEAR	NING	Branch C	ode		Course Co	ode	CO Code	LO Code	
KGPV		ma wing	g) Bhopal		OU	TCOME		C 0	3	3	0	3	2	1	Format No. 4
COURS	E NAME		ATERIALS AND	CONST	RUCTION				_				1		
CO Des	cription	Describe ti	mber, paints ar	nd oth	er miscellar	eous buildin	g materials us	sed in co	nstru	iction	•				
LO Des	cription	Describe ti	mber and wood	d prod	lucts and its	uses in build	ding construct	ion.							
		1				SCHEME O	F STUDY								
S. No.		Learning	Content		Method ( teaching		iption of T-L Process	Teach Hrs.		Pract ut Hi		LRs R	equir	ed	Remarks
1	Character timber, P treatmen Creosote paint Wood Pro board, la	Learning Content Classification of trees, eristics of good timber, defects in Preservation in timber -AsCu nt, Chemical Salts, Oil Paints, e treatment, Coal tar, Solignum roducts : Veneer, plywood, partic laminates, MDF, fiber board, block heir properties and uses		in n ticle	Interactive classroom teaching, assignments, quiz, presentation	the con provide the stud will con . and giv	r will explain tents and handouts to dents; teacher duct a quiz e assignments tice their dge.	05	0		v	ext bo video l halk b	ecture		NIL
					S	CHEME OF AS	SSESSMENT								
S. No.		od of sment	Description of	f Asse	ssment	Maximum Marks	Passing	Criteria		F	lesou	rces R	equir	ed	External / Internal
1	Theory exam Theory exam			ר p	to classify reservation	06	Test Paper +	rating sc	ale			, chalk ok, cha film.	irts, vi	l, PPT, deo	External
			AD	DITIC	ONAL INSTRU	JCTIONS FOR	R THE HOD/ FA	ACULTY (		IY)					
					Part o	f end semest	ter theory exa	m							

			SCHEME	FOR LEAR	NING	Branch Co	de	Co	ourse Co	ode	CO Code	LC Cod	le
RGPV	/ (Diploma	a Wing ) Bhopal	O	UTCOME		C 0	3	3	0	3	2	2	Format No.
COURS	E NAME BU	ILDING MATERIALS AND (	ONSTRUCTION						1				
CO Des	cription De	escribe timber, paints an	d other miscella	aneous buildir	ng materials us	sed in co	nstru	ction.					
LO Des	cription Dis	scuss the composition a	nd uses of prote	ective paints a	nd prescribe f	or a give	n cor	dition	<b>).</b>				
				SCHEME O	F STUDY								
S. No.	L	earning Content	Method teachir		ription of T-L Process	Teach Hrs.		Pract. ut Hrs		LRs R	equir	ed	Remarks
1	Good Paint Types and	of Paints, Characteristics of uses of surface protec e Paints, Enamels, Varnis Emulsion	classroom teaching, tive assignment	the cor provide ts, the stu will cor on. and giv	er will explain ntents and e handouts to dents; teacher nduct a quiz re assignments tice their edge.	05	0		v		ook, ecture ooard.	2S,	NIL
				SCHEME OF A	SSESSMENT								
S. No.	Method Assessme	Description of	Assessment	Maximum Marks	Passing	Criteria		Re	esour	rces F	Requii	red	External / Internal
1	Theory exam	Students will be composition of characteristics etc.	e asked about paints, their		Test Paper +	rating sca	le				: boarc arts, vi		Γ, Internal
		AD	DITIONAL INST		R THE HOD/ FA	ACULTY (	FAN	IY)					
			Part of In	ternal Exam –	Mid Semeste	r Test-I							

				SCHEME F	OR LEAR	NING	Brar	ich Co	de	(	Course Co	:ode	CO Code	LO Code	
RGPV	(Dipion	na Wing ) Bhoj	раг	OU	тсоме		С	0	3	3	0	3	2	3	Format No.
COURS		BUILDING MATERIALS	S AND CON!	STRUCTION											
CO Des	cription [	Describe timber, pai	ints and ot	her miscellan:	eous buildir	ng materials us	ed in	cor	istru	ction	•				
LO Desc	cription E	Explain various type	es of other	building mate	erials used a	nd their uses i	n cor	stru	uctior	ก.					
	I				SCHEME O	F STUDY									
S. No.		Learning Content		Method of teaching		ription of T-L Process	Tea Hr			Pract. ut Hr		LRs R	equire	ed	Remarks
1	metals (cas Plastic, Gy Aluminium CPVC, PPF,	ief introduction of Fer st iron, mild steel, HYS psum, Glass, Asbesto , Tar, Asphalt, Bitum Bonding agents, Epox ofing, Termite proofing naterials	SD Steel), os, nen , PVC, xy resins,	Interactive classroom teaching, assignments, quiz, presentation	the con provide the stud will con and give to pract knowle	•	06		0		v	Text bo video le chalk b	ectures		NIL
		• •		50	CHEME OF AS	SSESSMENT									
S. No.	Methoo Assessm	Descrip	otion of Ass	essment	Maximum Marks	Passing	Criter	ia		Γ	₹esou	urces R	equire	d	External / Internal
1	Theory exa	various civil	il engineeri	about uses of ing materials d their basic	07	Test Paper +	ratin	; sca	le			s, chalk ok, char			, External
			ADDIT	IONAL INSTRU	JCTIONS FOI	R THE HOD/ FA	<b>\CUL</b>	'Y (I	F AN	Y)					
				Part o	f end semes	ter theory exa	m								

			SCHEME F	FOR LEAR	NING	Branch C	Code	c	Course Co	ode	CO Code	LO Cod	le
RGPV	/ (Diploma W	ing ) Bhopai	OL	JTCOME		C 0	3	3	0	3	3	1	Format No.
COURS	SE NAME BUILDIN	NG MATERIALS AND CON	STRUCTION		!	I							
CO Des	cription Explain	different types of stru	ctures and fo	undations.									
LO Des	cription Classify	various types of struc	tures and list	out compone	ents of buildir	ng and th	ıeir fu	inctio	ns.				
				SCHEME O	F STUDY								
S. No.	Learn	ing Content	Method teaching		ription of T-L Process	Teach Hrs.		Pract. <sup>-</sup> ut Hrs		LRs R	equir	ed	Remarks
1	loads on structure, load bearing struct Building compone Substructure – fo Superstructure – v doors & window	based on occupancy, e, types of structures – tures, Framed structures ents and their function. oundation, plinth, DPC. walls, sill, lintel & arches, vs, floor, roof, parapet, staircase, surface finishes	assignments . quiz, . presentation ,	the con provide s, the stud will con n. and give	er will explain ntents and e handouts to dents; teacher nduct a quiz ve assignments stice their edge.	04	0		v	ext bo video l halk b	ecture		NIL
			S/	CHEME OF AS	SSESSMENT								
S. No.	Method of Assessment	Description of Ass	sessment	Maximum Marks	Passing	Criteria		R	esoui	rces R	Requir	red	External / Internal
1	Theory exam	Student will be aske structures and explain various building compo	n function of	05	Test Paper +	- rating sc	ale				: boarc arts, vi	•	F, External
		ADDIT		UCTIONS FOF	R THE HOD/ FA	ACULTY	(IF AN	IY)					
			Part c	of end semest	ter theory exa	am							

	(/D:		SCHEME	FOR LEAR	NING	Branc	n Cod	le	Co	ourse Co	ode	CO Code	LO Code	e
RGPV	/ (Diploma W	ing ) Bhopal	Οι	JTCOME		C (	)	3	3	0	3	3	2	Format No.
COURS	E NAME BUILDIN	IG MATERIALS AND C	ONSTRUCTION											
CO Des	cription Explain	different types of s	tructures and fo	undations.										
LO Des	cription Explain	layout procedure o	f small building	s and importa	int points of s	upervi	sior	n of e	earth	work	and	excav	ation	).
				SCHEME O	F STUDY									
S. No.	Learn	ing Content	Method teachin		iption of T-L Process	Teac Hrs		-	ract. ut Hrs	5.	LRs R	equir	ed	Remarks
1	clearance, prepari load bearing struct structure by center method, precautic on ground. Earthwork: excav timbering and st embankment, ma	sity and procedures, s ng job lay out, layout ture and framed erline And face line ons while marking layo vation for foundati trutting, earthwork aterial for plinth fill used for excavation a	for classroom teaching, assignments out quiz, presentation on, for ng.	the con provide the stur will con n. and giv	r will explain tents and handouts to dents; teacher duct a quiz e assignments tice their dge.	04		0		v		ook, lecture board.		NIL
			S	CHEME OF A	SSESSMENT									
S. No.	Method of Assessment	Description of	Assessment	Maximum Marks	Passing	Criteri	a		Re	esou	rces F	Requi	red	External / Internal
1	Theory exam	Student will be aske procedure of prepa	•	05	Test Paper +	rating	scal	le				t board arts, v		, Internal
		AD	DITIONAL INSTR	UCTIONS FOR	R THE HOD/ FA	ACULTY	′ (IF	FAN	Y)					
			Part of Int	ernal Exam –	Mid Semeste	r Test-l								

	//D:!-				SCHEME	FOR LEAR	NING	Branch (	ode		Course C	ode	CO Code	LC Cod	de
KGPV		oma w	ing ) Bhopal		οι	JTCOME		<i>C</i> 0	3	3	0	3	3	3	Format No
COURS	E NAME	BUILDIN	IG MATERIALS AN	D CONS	STRUCTION			I							
CO Des	cription	Explain	different types	of struc	ctures and fo	oundations.									
LO Des	cription	Perform	n layout of small	buildiı	ngs.										
		·				SCHEME O	F STUDY								
S. No.		Learn	ing Content		Method teachin		iption of T-L Process	Teach Hrs.		Pract Tut Hi		LRs F	equir	ed	Remarks
1	m bi 2. Pi m fr m 3. La	Learning Content epare foundation plan and arking on ground layout of load earing structure by centre line ethod from the given plan of the ilding. epare foundation plan and arking on ground layout of amed structure by centre line ethod from the given plan of the ilding. yout of two room building by ce line method.			Interactive classroom teaching, assignments quiz, presentatio	the cor provide s, the stu will cor n. and giv	r will explain tents and handouts to dents; teacher duct a quiz e assignments tice their dge.	00	06		۱		ook, ecture ooard.		NIL
					S	CHEME OF A	SSESSMENT								
S. No.		ethod of essment Description of As			essment	Maximum Marks	Passing	Criteria		F	lesou	rces F	Requi	red	External Interna
1	Practical exam Student will be asked any of the mentioned						Rating scal	e/ Rubrio	S				: board arts, vi		T, Both
				ADDITI	ONAL INSTR	UCTIONS FOI	R THE HOD/ FA	ACULTY	IF A	NY)					
				Dart of	Dractical Ev	am : Internal	Marke for Dra	ation   . 0		nlee					

			SCHEME	FOR LEAR	NING	Brancl	h Coc	le	C	ourse Co	ode	CO Code	LO Cod	le
RGPV	/ (Diploma W	ing ) Bhopal	Οι	JTCOME		C (	0	3	3	0	3	3	4	Format No.
COURS	E NAME BUILDIN	NG MATERIALS AND CO	ONSTRUCTION		I			1						
CO Des	cription Explain	different types of st	ructures and fo	oundations.										
LO Des	cription Classify	the foundations an	d select approp	riate one bas	ed on soil con	ditions	5.							
				SCHEME O	F STUDY									
S. No.	Learn	ing Content	Method teachin		iption of T-L Process	Teac Hrs			ract. ut Hrs	5.	LRs F	Requir	ed	Remarks
1	foundations – sha Shallow foundation Spread Footing ,St foundation, comb foundation and th Introduction to de Well Foundation a Damp Proof Course	n : Isolated Footing, rip Footing, Raft ined footing, grillage eir Constructional deta ep foundation : Pile ar	of	the con provide 5, the stud will con n. and giv	r will explain tents and handouts to dents; teacher duct a quiz e assignments tice their dge.	05		0		v		ook, lecture board.	es,	NIL
			S	CHEME OF AS	SSESSMENT									
S. No.	Method of Assessment	Description of A	Assessment	Maximum Marks	Passing	Criteria	а		Re	esou	rces I	Requi	red	External Internal
1	Theory exam	ked to classify lain purpose of	06	Rating scal	e/ Rubr	rics					k boar arts, v		r, External	
		ADI	DITIONAL INSTR	UCTIONS FOR	R THE HOD/ FA	ACULTY	<b>Y (</b>	FAN	Y)					
			Part c	of end semest	er theory exa	m								

				9	SCHEME I		NING	В	ranch Co	de	Co	ourse Co	ode	CO Code	LC Cod	de	
RGPV	(Diplo	ma Wir	ig ) Bhopal		OU	ITCOME		С	0	3	3	0	3	4	1	F	ormat No. <b>4</b>
COURS	E NAME	BUILDING	MATERIALS AND	CONS	TRUCTION												
CO Des	cription	Classify m	nasonry works, d	loors	, windows, st	tairs, floors a	nd roofs.										
LO Des	cription	Describe	types of masonr	y woi	rk and relate	d procedures	•										
						SCHEME OF	STUDY										
S. No.		Learnin	g Content		Method teaching		ption of T-L Process		each Hrs.		ract. ut Hrs	5.	LRs F	equi	ed		Remarks
1	Learning Content Stone masonry: Terminologies in stone masonry. Classification of stone masor Rubble masonry- Uncoursed and cours rubble masonry, point to be observed construction of stone masonry Brick masonry: Terminologies in brick masonry, types of Bonds: English, Flem stretcher and header bonds. Brick layin procedure, precautions in brick mason tools used in brick masonry Scaffolding : Purpose and its types Shoring and Underpinning : Purpose			nry, sed in nish, ng	Interactive classroom teaching, assignments quiz, presentation	the cont provide , the stuc will cont and give	will explain tents and handouts to lents; teacher duct a quiz e assignments ice their dge.	08		0		v		ook, lectur board.	,	NIL	
	1				S	CHEME OF AS	SESSMENT										
S. No.	Io. Method of Assessment Description of Asses					Maximum Marks	Passing	Crit	eria		Re	esoui	rces F	Requi	red		External / Internal
1	1 Theory exam and brick masonry types of bonds.				,	10	Rating sca	le/ R	ubrics	5				c boar arts, v		Τ,	Internal
			Α	DDITI	ONAL INSTR	UCTIONS FOR	THE HOD/ F	ACU	LTY (I	FAN	Y)						
					Part of Inte	ernal Exam – I	Mid Semeste	r Tes	st-II								

SCH				SCHEME FOR LEARNING			Branch Code				ourse Co	se Code CO LC Code Code			
RGPV	(Diplor	na Wing ) Bhopal		OUTCOME				0	3	3	0	3	4	2	Format No.
COURS	E NAME	BUILDING MATERIALS AND	CONSTRU	CTION											
CO Des	cription	Classify masonry works, o	loors, win	idows, stai	irs, floor	s and roofs.									
LO Des	cription	Explain types of doors, w	indows ar	nd stairs.											
					SCHEME	OF STUDY									
S. No.		Method teachir		escription of T-L Process	Teac Hrs		Pract. /Tut Hrs.			LRs Required			Remarks		
1	description Panelled D Collapsible Doors, Gla Windows description Casement, Window, p Stair case: newel, bal hand rail, p Various ty legged, op	Learning Content rs : Terminologies of Doors, Brief ription of different types of doors - elled Doors, Batten Doors, Flush Door, apsible Doors, Rolling Shutter, Revolving rs, Glazed Doors dows : Terminology of Windows, Brief ription of different types of windows - ement, Glazed, Sliding Windows , Louvered dow, pivoted, ventilators r case: Terminologies - landing, stringer, el, baluster, rise, tread, width of stair case, d rail, nosing, head room, flight, pitch. ous types of stair case – straight flight, dog ed, open well, quarter turn, half turn vel and geometrical stairs), spiral stair, d riser stair			n the pro- nts, the tea ion. a c ass pra	Process Teacher will explain the contents and provide handouts to the students; teacher will conduct			/Tut Hrs. 0		v	•			NIL
				SCF	IEME OF	ASSESSMENT									
S. No.	Metho Assessi	. Description of	Assessment		Maximum Marks Passing		g Criteria		R	esou	rces F	Requir	External / Internal		
1	Theory exa	ry exam doors, windows and staircas			12	12 Rating sca		cale/ Rubrics			Handouts, chalk b text book, char film.				External
		А	DDITIONA			OR THE HOD/ F	ACULT	Y (I	FAN	Y)					
				Part of e	end sem	ester theory ex	am								

RGPV (Diploma Wing ) Bhopal				SCHEME	SCHEME FOR LEARNING			Code		Course C	Code Code Code					
				OUTCOME			C 0	3	0	3	3 4		Format No.			
COURS	E NAME	BUILDIN	IG MATERIALS AND	CONSTRUCTION		I							1			
CO Des	cription	Classify	masonry works, d	oors, windows, s	windows, stairs, floors and roofs.											
LO Des	cription	Describ	e types of floors ar	d roofs.												
		·			SCHEME OI	STUDY										
S. No.		Learn	ing Content	Method teachin		Teacl Hrs.		Pract. /Tut Hrs.		LRs Required			Remarks			
1	finishes – timber flo Roofs: Gl	Floors: Glossary of terms ,Types of floor finishes –concrete flooring, tile flooring, timber flooring , marble and kota flooring Roofs: Glossary of terms, Types of roofs, concept and function of flat and pitched roofs			Teacher the con provide the stud will con n. and give to pract knowled	05	0			Text book, video lectures, chalk board.			NIL			
				S	CHEME OF AS	SESSMENT										
S. No.	Meth Assess	od of sment	Description of	Assessment	Maximum Marks	Passing	Criteria	Resources R				ed	/ External Internal			
1	Theory ex	xam	Student will be as of floors and roofs	<i>,</i> ,	06	Rating scal	e/ Rubri	CS				board arts, vio	External			
			AD	DITIONAL INSTR	UCTIONS FOR	THE HOD/ FA	CULTY	(IF A	NY)							
				Part o	of end semest	er theory exa	m									

COURSE N	pipiom		SCHENTET	SCHEME FOR LEARNING OUTCOME			de	C	ourse Co	ode	CO Code	LO Cod	e			
		a Wing ) Bhopal	OU				3	3	0	3	5	1	Format No			
	NAME BU	JILDING MATERIALS AND C														
CO Description Explain the procedure of sur			rface finishes and concept of green building.													
O Descrip	ption Re	ecognize surface finishes	i.e. plastering, po	e. plastering, pointing and painting and select the appropriate techniques of finishes.												
				SCHEME O	F STUDY											
S. No.	I	Learning Content	Method c teaching		ription of T-L Process	Teach Hrs.	Pract. /Tut Hrs.			LRs R	equir	Remarks				
Ty rc pi fc Pr pl Pc m Pa ne sr V	ypes of plas ough cast, s bebble dash, blaster etc., or different Preparation blastering an Pointing : pu nethods of p Painting : ob hew and old und metal su pray paintin White washi	of mortars, techniques of nd curing rpose ,Types of pointing ,	classroom teaching, ain assignments, quiz, presentation ng e nd	the cor provide the stu will cor and giv to prac	Process eacher will explain the contents and rovide handouts to the students; teacher ill conduct a quiz and give assignments to practice their howledge.		Hrs. /11		<b>/Tut Hrs.</b> 0 Text video		book, l book, l board.		NIL			
	Mathad	~f	SC		SSESSMENT								Futowed			
S. No.	Method Assessme	Description of	Assessment	Maximum Marks	Passing	Criteria		<b>Resources Required</b>					External Interna			
1 Se	Assignments eminars/Pro tion	assignment on his	stering, pointing	10	10 Rating sca			Handouts, chalk board, PPT, text book, charts, video film.					, Internal			
			DITIONAL INSTRU			•		•								

RGPV (Diploma Wing ) Bhopal				SCHEME FOR LEARNING			Branch		Course Code			LO Code			
RGPV	(Diplor	ma w	ing ) Bhopai	OUTCOME			<i>C</i> 0	3	3	0	0 3 5			Format No.	
COURS	E NAME	BUILDIN	G MATERIALS AND	CONSTRUCTION						-	-				
CO Des	cription	Explain	the procedure of	surface finishes and concept of green building.											
LO Des	cription	Recogni	ise the purpose of	energy efficient	buildings and	rain water ha	rvesting	syst	em in	build	ings.				
					SCHEME O	F STUDY									
S. No.		Learni	ing Content	Method teachin		ription of T-L Process	Teach Hrs.		Pract. /Tut Hrs. 0		LRs Required Text book, video lectures, chalk board.			Remarks NIL	
1		nts, Ener	ncept, Purpose, gy Efficiency and Ba esting.	teaching, assignment quiz, presentatio	the cor provide s, the stu will cor n. and giv to prac knowle	0	05	0							
				9	CHEME OF A	SSESSMENT									
S. No.	Metho Assessi		Description of Assessment			Passing	Criteria		R	esou	External / Internal				
1	Theory exa	am	Student will b purpose of green water harvesting e	building and rain	06	Rating scal	e/ Rubri	S	Handouts, chalk be text book, chart film.					External	
			A	DITIONAL INSTR	UCTIONS FO	R THE HOD/ FA	ACULTY	(IF AI	NY)						
				Part	of end semes	ter theory exa	m								

Note: 1. Internal practical marks of practical LOs are mentioned in additional instructions.

2. External practical exam will be of maximum 30 marks and any of the practical mentioned in LO's can be assessed.