RGPV (DIPLOMA BHOPAL		COURSE	LUM FOR THE	FORMAT-3	Sheet No.1/2				
Branch	CEMENT,	BILE, MECH, RAC, PRODUCTION, CIV ILE TECH		Semester	I				
Course Code		Course Name	WORKSHOP PRA	CTICE					
Course Outcome 1	Prep	are simple job in car	pentry shop.		Teach Hrs	Marks			
Learning Outcome		t appropriate carpentry			04	03			
Contents		duction, Different type	s of tools, machines a	and accessories.					
Method of Assessm	nent Intern	al :Quiz							
Learning Outcome		are simple job as per g autions in carpentry sho	1	h safety	12	20			
Contents	groov	onstration of different ving, turning of wood. tail, bridle, half lap. Sa	One job involving an	y one joint like i					
Method of Assessm	nent Extern	nal:Laboratory test by	observation						
Course Outcome 2	Mak	e use of metal joining	processes for a give	en job.	Teach Hrs	Marks			
Learning Outcome	with safety	08	20						
Contents	Selec mater	duction, types of weld tion of welding rod rial Size of welding ro ob involving butt and	d and work piece. Ele	ementary symbol	ic represei				
Method of Assessn		nal:Laboratory test by			0				
Learning Outcome	2 Make	e use of gas welding fo s welding.		fety precautions	08	06			
Contents		welding, gas cutting, d ing. Safety precautions	• -	e. Rebuilding of	broken pa	rts with			
Method of Assessm	nent Intern	al :Quiz							
Course Outcome 3	Prac	tice fitting job.			Teach Hrs	Marks			
Learning Outcome	e 1 Selec	t appropriate fitting to	ol.		04	03			
Contents		duction, various marki	ng, measuring, cuttin	g, holding, striki	ng tools.				
Method of Assessm		al :Quiz		1 0					
Learning Outcome	preca	are simple job as per g autions in fitting shop.	•	-	12	06			
Contents	tappi drilli	rent fitting operations ng. One fitting job inven ng, tapping, cutting. Sa	olving practice of chi	pping, filing,	ting, drilli	ng,			
Method of Assessn	nent Intern	al :Quiz				1			
Course Outcome 4	Prep	are pipe fittings job.			Teach Hrs	Marks			
Learning Outcome		t appropriate pipe fitti			04	03			
Contents Method of Assessn		duction, various marki al :Quiz	ng, measuring, cuttin	g, holding and st	riking too	ls			
Method of AssessmentInternal :QuizLearning Outcome 2Prepare simple job as per given specification with safety measures in plumbing shop.08									

Contents	Different G.I. pipes, PVC pipes, flexible pipes used in practice G.I pipes fitting and accessories, adhesive solvents chemical action, pi Observing different pipe joint and pipe accessories. Demonstration of different operations in plumbing, One job on pip nipple coupling for standard pipe. Pipe threading using standard die sets. Safety measures in plu	ping layc	out. ith									
Method of Assessment	Internal :Quiz	<b>T</b> 1										
Course Outcome 5	Practice sheet metal, soldering, riveting joints.	Teach Hrs	Marks									
Learning Outcome 1	Select appropriate sheet metal tool.	04	03									
Contents	Introduction, Various types of tools, equipments and accessories.											
Method of Assessment	Internal :Quiz											
Learning Outcome 2	Prepare sheet metal, soldering, riveting joints with safety precautions in sheet metal shop.	08	20									
Contents	Different types of operations in sheet metal shop. Soldering and riv precautions in sheet metal shop.	veting. Sa	afety									
Method of Assessment	External:Laboratory test by observation											
Course Outcome 6	Prepare simple job in smithy shop.     Teach Hrs     Marks											
Learning Outcome 1	Prepare simple job as per given specification with safety precautions in smithy shop.	09	05									
Contents	precautions in smithy shop. Demonstration of different forging tools and Power Hammer. Den different forging processes, likes shaping, caulking, fullering, setti operations. One job like hook peg, flat chisel or any hardware item precautions in smithy shop.	nonstration ng down										
	precautions in smithy shop. Demonstration of different forging tools and Power Hammer. Dem different forging processes, likes shaping, caulking, fullering, setti operations. One job like hook peg, flat chisel or any hardware item	nonstratic ng down n. Safety										
Contents	precautions in smithy shop. Demonstration of different forging tools and Power Hammer. Den different forging processes, likes shaping, caulking, fullering, setti operations. One job like hook peg, flat chisel or any hardware item precautions in smithy shop.	nonstration ng down										
Contents Method of Assessment	precautions in smithy shop. Demonstration of different forging tools and Power Hammer. Den different forging processes, likes shaping, caulking, fullering, setti operations. One job like hook peg, flat chisel or any hardware item precautions in smithy shop. Internal :Quiz	nonstration ng down n. Safety Teach	on of									
Contents Method of Assessment Course Outcome 7	precautions in smithy shop. Demonstration of different forging tools and Power Hammer. Den different forging processes, likes shaping, caulking, fullering, setti operations. One job like hook peg, flat chisel or any hardware item precautions in smithy shop. Internal :Quiz <b>Practice of power tools and utility items.</b>	Teach Hrs 09 Stration of s and with	on of Marks 05 of es. h									

_ ~			~ ~ ~ ~ ~ ~			nch C	Code	Co	urse	Code	CO Code	LO Code	Format No.
RGPV	(Diploma	Wing ) Bhopal	SCHEME	FOR LEARNING OUTCOME	-	-	-	-	-	-	1	1	4
	URSE ME	WORKSHOP	PRACTICE										
CO Des	cription	Prepare simple	e job in carpo	entry shop.									
LO Des	cription	Select appropria	ate carpentry	tool.									
				SCHEME O	F STU	DY							
S. No.		Learning Con	tent	Teaching –Learning Method	Des	criptio Proc	on of T cess	ſ <b>-L</b>		Teach Hrs.	Pract. /Tu Hrs.	t LRs Required	Remarks
1.		tion, Different typ s and accessories.		teaching, demonstration, quiz, assignments.	Teache content handou Teache assignr make s their kr	s and j ts to st r will onents/ rudents	provid tudent conduc quiz to s pract	e s. ct D	0	2	02	Chalk board, PPT, Handout/ lab manual, text book charts, video film	
				SCHEME OF A	SSESS	MEN'	Т						
S. No.	Meth	od of Assessmen	t	Description of Asses	sment				N	/laximu Marks	Resour	ces Required	External / Internal
1.	Quiz Students will be ask to identify carpe									03	schedu	servation le/check-list scales /rubrics	Internal
			ADDIT	IONAL INSTRUCTIONS FO	R THE	HOD	/ FAC	CUL	ГҮ (]	F ANY	~) 		
				Part of La	b Work								

DODU						Bra	nch C	ode	Co	urse C	ode	COC	ode	LO Code	Format No.
RGPV (	Diploma	Wing ) Bhopal	SCHEMI	E FOR LEARNING OU	TCOME	-	-	-	-	-	-	1		2	4
	JRSE ME	WORKSHOP	PRACTIC	Ε		1				<u>                                     </u>		1			
CO Des	cription	Prepare simple	e job in car	pentry shop.											
LO Des	cription	Prepare simple	job as per g	viven specification with s	afety preca	utions	in car	pentr	y sho	op.					
		1		SCI	HEME OF	STU	DY								
S. No.		Learning Conte	nt	Teaching – Learning Method	Descript	tion of	[ <b>T-L</b> ]	Proce	SS	Teac Hrs		Pract. Tut Hrs.	L	Rs Required	Remarks
1.	working marking turning o any one dovetail,	tration of differen processes, plann , chiseling, groov of wood. One job joint like mortise , bridle, half lap. ons in carpentry s	ing, ving, involving and tenon Safety	lab assignments,	Teacher w procedure The studer practice.	of job	prepa	ration		02	1	0	PP Ha ma boo	alk board, T, ndout/ lab nual, text ok, charts, leo film.	NIL
				SCHEN	AE OF AS	SESS	MEN	Г							
S. No.	Methe	od of Assessmen	t	Description	of Assessi	ment					axim Marl	·	lesou	rces Require	e External / Internal
1.	Laboratory test by observation Students will be asked to prepare sin specification with safety precautions						per gi	ven			20	F	Rubric	cs/rating scale	S External
			ADDI	TIONAL INSTRUCTI	ONS FOR	THE	HOD	/ FAC	CUL	TY (II	F AN	<b>Y</b> )			
				Part	of end prac	tical e	xam								

WORKSHOP Pl	RACTICE al joining j	FOR LEARNING OUTCOME	E	0	1	-	-	-	2	1	Format No. 4
ion Make use of met	al joining <sub>]</sub>			1							
	• • •	processes for a given job.									
on Make use of arc w	elding pro										
		cess for a given job with safety j	precauti	ons in	arc w	eldir	ıg.				
		SCHEME O	F STU	DY							
Learning Content	;	Teaching –Learning Method	Des	-		ſ <b>-L</b>		Teach Hrs.	Pract. /Tu Hrs.		Remarks
ling, welding of dissimil erials, Selection of weldi erial Size of welding rod k piece. Elementary sym esentation. One job invo	ar ng rod and bolic lving butt	on practice, lab assignments, quiz, assignments.	the pro welding will lea	cedure g .The rn thro	of arc studer	2	e 0	4	04	board, PPT, Handout/ lab manual, text book charts,	,
		SCHEME OF A	SSESS	MEN	Γ						
Iethod of Assessment	Description of Asses	sment				N		m Resour	ces Required	External / Internal	
					urc			20	Rubrics	/rating scales	External
	ADDIT	IONAL INSTRUCTIONS FO	R THE	HOD	/ FAC	CUL	ГҮ (І	F ANY)			
		Part of end pra	actical e	xam							
li er k la V	duction, types of weldir ing, welding of dissimil rials, Selection of weldir rial Size of welding rod piece. Elementary sym sentation. One job invo ap joint. Safety precaut relding. ethod of Assessment Laboratory test by	ethod of Assessment       Laboratory test by observation     Studen weldin	Learning content       Method         duction, types of welding, ARC       Lab demonstration, hands         ing, welding of dissimilar       on practice, lab         rials, Selection of welding rod       assignments, quiz,         rial Size of welding rod and       piece. Elementary symbolic         sentation. One job involving butt       assignments.         ap joint. Safety precautions in       SCHEME OF A         ethod of Assessment       Description of Assess         Laboratory test by       Students will be asked to prepare a sim         welding process with safety precautions       ADDITIONAL INSTRUCTIONS FO	Learning Content       Method         duction, types of welding, ARC       Lab demonstration, hands       Teacher         ing, welding of dissimilar       on practice, lab       the prod         rials, Selection of welding rod       assignments, quiz,       welding         rial Size of welding rod and       piece. Elementary symbolic       ssignments.       welding         sentation. One job involving butt       assignments.       practice         ap joint. Safety precautions in       Ethod of Assessment       Scheme OF Assessment         Laboratory test by       Students will be asked to prepare a simple job       welding process with safety precautions.         ADDITIONAL INSTRUCTIONS FOR THE       ADDITIONAL INSTRUCTIONS FOR THE	Learning Content       Method       Proc         duction, types of welding, ARC       Lab demonstration, hands       Teacher will of the procedure welding of dissimilar         rials, Selection of welding rod       assignments, quiz, assignments, quiz, assignments.       The procedure welding .The will learn throp practice.         piece. Elementary symbolic       assignments.       welding .The will learn throp practice.         sentation. One job involving butt ap joint. Safety precautions in elding.       SCHEME OF ASSESSMENT         ethod of Assessment       Description of Assessment         Laboratory test by observation       Students will be asked to prepare a simple job using a welding process with safety precautions.	Learning ContentMethodProcessduction, types of welding, ARC ing, welding of dissimilar rials, Selection of welding rod rial Size of welding rod and piece. Elementary symbolic sentation. One job involving butt ap joint. Safety precautions in relding.Lab demonstration, hands on practice, lab assignments, quiz, assignments.Teacher will demon the procedure of arc welding .The studer will learn through practice.SCHEME OF ASSESSMENTAbbit Tional single process with safety precautions in relding.Scheme of AssessmentLaboratory test by observationStudents will be asked to prepare a simple job using arc welding process with safety precautions.ADDITIONAL INSTRUCTIONS FOR THE HOD/ FAC	Learning ContentMethodProcessduction, types of welding, ARC ing, welding of dissimilar trials, Selection of welding rod rial Size of welding rod and piece. Elementary symbolic sentation. One job involving butt ap joint. Safety precautions in relding.Lab demonstration, hands on practice, lab assignments, quiz, assignments.Teacher will demonstrat the procedure of arc welding .The students will learn through practice.SCHEME OF ASSESSMENTethod of AssessmentLaboratory test by observationStudents will be asked to prepare a simple job using arc welding process with safety precautions.ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULY	Image content       Method       Process         duction, types of welding, ARC       Lab demonstration, hands       Teacher will demonstrate       04         ing, welding of dissimilar       on practice, lab       Teacher will demonstrate       04         rials, Selection of welding rod       assignments, quiz,       assignments.       welding .The students       04         piece. Elementary symbolic       assignments.       piractice.       welding .The students       will learn through         practice.       sentation. One job involving butt       assignments.       welding.       welding.       welding.         SCHEME OF ASSESSMENT         Method of Assessment       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc       Method select to prepare a simple job using arc </td <td>MethodProcessHrs.duction, types of welding, ARC ing, welding of dissimilar rials, Selection of welding rod and piece. Elementary symbolic sentation. One job involving butt ap joint. Safety precautions in elding.Lab demonstration, hands on practice, lab assignments, quiz, assignments. quiz, assignments. quiz, assignments. quiz, assignments. quiz, assignments. quiz, assignments. quiz, assignments. quiz, assignments. quiz, assignments. quiz, assignments. quiz, assignments. quiz</br></br></br></br></br></br></br></br></br></td> <td>Learning contentMethodProcessHrs.Hrs.duction, types of welding, ARC ing, welding of dissimilar rials, Selection of welding rod and piece. Elementary symbolic sentation. One job involving butt ap joint. Safety precautions in elding.Lab demonstration, hands on practice, lab assignments, quiz, assignments. quiz, assignments.Teacher will demonstrate the procedure of arc welding .The students will learn through practice.0404Scheme OF ASSESSMENTethod of AssessmentDescription of AssessmentMaximum MarksResource 20Laboratory test by observationStudents will be asked to prepare a simple job using arc welding process with safety precautions.20Rubrics</td> <td>Learning ContentMethodProcessHrs.Hrs.Requiredduction, types of welding, ARC ing, welding of dissimilar tals, Selection of welding rod assignments, quiz, assignments. quiz, assignments.Lab demonstration, hands on practice, lab assignments, quiz, assignments.Teacher will demonstrate the procedure of arc welding .The students will learn through practice.0404Chalk board, PPT, Handout/ lab manual, text book, charts, wideo filmSettementary symbolic sentation. One job involving butt ap joint. Safety precautions in elding.Description of AssessmentMaximum MarksRequired 04taboratory test by observationStudents will be asked to prepare a simple job using arc welding process with safety precautions.20Rubrics/rating scalestaboratory test by observationStudents will be asked to prepare a simple job using arc welding process with safety precautions.20Rubrics/rating scales</td>	MethodProcessHrs.duction, types of welding, ARC ing, welding of dissimilar rials, Selection of welding rod and piece. Elementary symbolic sentation. One job involving butt ap joint. Safety precautions in elding.Lab demonstration, hands on practice, lab assignments, quiz, assignments. quiz, 	Learning contentMethodProcessHrs.Hrs.duction, types of welding, ARC ing, welding of dissimilar rials, Selection of welding rod and piece. Elementary symbolic sentation. One job involving butt ap joint. Safety precautions in elding.Lab demonstration, hands on practice, lab assignments, quiz, assignments. quiz, assignments.Teacher will demonstrate the procedure of arc welding .The students will learn through practice.0404Scheme OF ASSESSMENTethod of AssessmentDescription of AssessmentMaximum MarksResource 20Laboratory test by observationStudents will be asked to prepare a simple job using arc welding process with safety precautions.20Rubrics	Learning ContentMethodProcessHrs.Hrs.Requiredduction, types of welding, ARC ing, welding of dissimilar tals, Selection of welding rod assignments, quiz, assignments. quiz, assignments.Lab demonstration, hands on practice, lab assignments, quiz, assignments.Teacher will demonstrate the procedure of arc welding .The students will learn through practice.0404Chalk board, PPT, Handout/ lab manual, text book, charts, wideo filmSettementary symbolic sentation. One job involving butt ap joint. Safety precautions in elding.Description of AssessmentMaximum MarksRequired 04taboratory test by observationStudents will be asked to prepare a simple job using arc welding process with safety precautions.20Rubrics/rating scalestaboratory test by observationStudents will be asked to prepare a simple job using arc welding process with safety precautions.20Rubrics/rating scales

DODU	/ <b>D</b> • • •					anch C	Code	Co	urse	Code	CO Code	LO Code	Format N	No.
RGPV	(Diploma	Wing ) Bhopal	SCHEME	FOR LEARNING OUTCOMI	£	-	-	-	-	-	2	2	4	
	URSE ME	WORKSHOP	PRACTICE									1		
CO Des	cription	Make use of m	etal joining	processes for a given job.										
LO Des	cription	Make use of ga	s welding for	a given job with safety precauti	ons in g	gas wel	lding.							
		1		SCHEME C	F STU	DY								
S. No.		Learning Conto	ent	Teaching –Learning Method	Des	criptio Proc		Г-L		Teach Hrs.	Pract. /T Hrs.	ut LRs Requir	-	nark s
1.	types of t parts with	ling, gas cutting, flame. Rebuilding h welding. Safety ons in gas welding	g of broken	Lab demonstration, hands on practice, lab assignments, quiz, assignments.	Teache the pro weldin will lea practic	cedure g .The arn thro	e of ga stude	S	te (	)4	04	Chalk board, P Handout lab many text boo charts, video fil	/ 1al, k,	
				SCHEME OF A	SSESS	SMEN'	Т							
S. No.	Metho	od of Assessmen	t	Description of Asses	sment				1	Maximu Marks	Recon	rces Require	ed Exter / Inte	
1.	. Quiz Students will be asked to demonstration safety precautions.						rocess	with	1	06	sched	bservation ule/check-lis scales /rubri		rnal
	1		ADDIT	IONAL INSTRUCTIONS FO	R THE	E HOD	/ FA(	CUL	TY (	IF ANY	)			
				Part of La	b Worl	ζ.								

DODU			COURNER			nch C	ode	Co	urse	Code	CO Code	LO Code	Format No.
KGPV	(Diploma	Wing ) Bhopal	SCHEME	FOR LEARNING OUTCOMI	£ _	-	-	-	-	-	3	1	4
	URSE ME	WORKSHOP	PRACTICE	E					1				
CO Des	cription	Practice fitting	g job.										
LO Des	cription	Select appropria	ate fitting too	ol.									
				SCHEME C	)F STU	DY							
S. No.		Learning Conte	ent	Teaching –Learning Method	Des	criptio Proc		Г-L		Teach Hrs.	Pract. /Tu Hrs.	it LRs Require	d Remarks
1.		ion, various marl g, cutting, holdin	-	quiz, assignments.	Teache content handou Teache quiz/as make st their kr	s and j ts to st r will c signme rudents	provid tudent condu ents to s prac	le ts. ct	e 0	2	02	Chalk board, PPT, Handout/ lab manual, text book charts, video filu	.,
				SCHEME OF A	SSESS	MEN	Г						
S. No.	Metho	od of Assessmen	t	Description of Asses	ssment				N	laximı Mark	R ecolu	ces Require	d External / Internal
1.	Quiz Student will be asked to select appro- different operations.					ng too	ls for			03	sched	oservation ule/check-list scales /rubric	
			ADDIT	TIONAL INSTRUCTIONS FO	R THE	HOD	/ FA(	CUL	TY (I	F ANY	<u>/)</u>		
				Part of La	ıb Work								

DODU	V (Diploma Wing ) Bhopal SCHEME					nch (	Code	Co	urse	Code	CO Code	LO Code	Format No.
RGPV	(Diploma	Wing ) Bhopal	SCHEME	FOR LEARNING OUTCOM	E -	-	-	-	-	-	3	2	4
	URSE ME	WORKSHOP	PRACTICE						1				
CO Des	cription	Practice fitting	g job.										
LO Des	cription	Prepare simple	job as per giv	ven specification with safety pre	caution	s in fit	ting sh	op.					
		1		SCHEME (	)F STU	DY							
S. No.		Learning Conte	ent	Teaching –Learning Method	Des	criptio Proo	on of T cess	-L		Teach Hrs.	Pract. /Tu Hrs.	t LRs Require	d Remarks
1.	chipping drilling, t involving drilling, t	t fitting operation , filing, right angle tapping. One fitting g practice of chipp tapping, cutting. Sons in fitting shop	le, marking, ng job ping, filing, Safety	Lab demonstration, hands on practice, lab assignments, quiz, assignments.	Teache the pro fitting will lea practice	cedure ob .Th rn thro	e to pre ne stud	epare	e	12	10	Chalk board, PPT, Handout/ lab manual, text book charts, video film	,
				SCHEME OF A	ASSESS	MEN	Т						
S. No.	Meth	od of Assessmen	t	Description of Asses	ssment				N	/laxim Mark	Resour	ces Require	e External / Internal
1.	. Quiz Student will be asked to prepare a significant precautions.						fety			06	schedu	servation lle/check-list scales /rubric	
			ADDIT	<b>'IONAL INSTRUCTIONS FO</b>	R THE	HOD	/ FAC	UL	TY (l	<b>FAN</b>	Z)		·
				Part of La	ab Work								

KGPV (D	Jiploma W	Wing ) Bhopal SCHEME FOR LEARNING OUTCO				anch (	Jour			Code	CO Code	LO Code	Format No.
	- <b>P</b> -0	ing ) bhopai	SCHEME	FOR LEARNING OUTCOME	£ -	-	-	-	-	-	4	1	4
COUF NAM		VORKSHOP	PRACTICI	E									
CO Descr	ription F	Prepare pipe fi	ttings job.										
LO Descr	ription S	elect appropria	te pipe fitti	ng tools.									
	I			SCHEME O	F STU	DY							
S. No.	L	earning Conte	ent	Teaching –Learning Method	Des	criptio Proc		Γ-L		Teach Hrs.	Pract. /Tu Hrs.	t LRs Required	Remarks
n		n, various mark cutting, holdin ls.	0	teaching, lab demonstration, quiz, assignments.	Teache conten handou Teache quiz/as make s their kn	ts and j its to s er will o signmo tudent nowled	provid tudent condu ents to s prac lge.	le s. ct	0	2	02	Chalk board, PPT, Handout/ lab manual, text book, charts, video film	
S. No.	Method	of Assessment	t	<b>Description of Asses</b>	sment				N	laximur Marks	n Resour	ces Required	External / Internal
1. (	. Quiz Student will be asked to Select approgram.					e fittin	ıg tool	s for		03	schedu	servation lle/check-list scales /rubrics	Internal
I			ADDI	<b>FIONAL INSTRUCTIONS FO</b>	R THE	HOD	/ FA(	CUL	ГΥ (І	F ANY)			1
				Part of La	b Worl	c							

)iploma W	ing) Bhopal	a Wing ) Bhopal SCHEME FOR LEARNING OUTCO				Code	COL	urse	Code	CO Code	LO Code	Format No.
WORKSHOP PRACT		SCHEME	FOR LEARNING OUTCOM	E _	-	-	-	-	-	4	2	4
E NAME	WORKSHO	P PRACTIC	E									
ription	Prepare pipe	fittings job.										
ription	Prepare simpl	e job as per g	given specification with safety n	neasure	s in plu	umbing	sho	p.				
			SCHEME (	)F STU	JDY							
L	earning Conte	ent	Teaching –Learning Method	Des	-		-L		Teach Hrs.	Pract. /Tu Hrs.		d
Elexible pip Pipes and P accessories chemical ac Observing o pipe access Demonstrat n plumbing with nipple pipe. Pipe t	es used in prac PVC pipes fittir , adhesive solv ction, piping lay different pipe jo ories. tion of differen g, One job on p coupling for so hreading using	tice G.I. ag and ents yout. oint and t operations bipe joint tandard standard	Lab demonstration, hands on practice, lab assignments, quiz, assignments.	the pro fittings	cedure .The s	e of pipe students	e s wil		2	06	board, PPT, Handout/ lab manual, text book charts,	,
			SCHEME OF A	SSES	SMEN	Т						
Method	of Assessmen	t	Description of Asses	ssment				N		Recourt	rces Require	External / Internal
. Quiz Student will be asked to prepare sim safety measures.					itting jo	oints wi	ith		06	sched	ule/check-list	
		ADDIT	IONAL INSTRUCTIONS FO	R THE	E HOD	/ FAC	ULI	ГҮ (І	FANY	()		
			Part of La	ıb Wor	k							
ri D fl P accl D D m w D fl P D fl D fl P D fl D fl D fl D fl D fl D fl D fl D fl	ption ption L ifferent G exible pip ipes and P ccessories nemical ac bserving of ipe access remonstrat plumbing ith nipple ipe. Pipe t ie sets. Sa nop. Method	ption       Prepare simple         Learning Content         bifferent G.I. pipes, PVC         exible pipes used in practice         ipes and PVC pipes fitting         ccessories, adhesive solve         bifferent pipe juice         ipes accessories.         bemonstration of different         ippe threading using         ipe sets. Safety measures in         ipp.         Method of Assessment	ption       Prepare simple job as per generation         Prepare simple job as per generation       Description         Different G.I. pipes, PVC pipes, exible pipes used in practice G.I. ipes and PVC pipes fitting and ccessories, adhesive solvents nemical action, piping layout. Observing different pipe joint and ipe accessories.       Description         Demonstration of different operations a plumbing, One job on pipe joint with nipple coupling for standard ipe. Pipe threading using standard is sets. Safety measures in plumbing nop.       Method of Assessment         Muiz       Studen safety restriction	ption       Prepare simple job as per given specification with safety m         SCHEME C         Learning Content       Teaching –Learning Method         bifferent G.I. pipes, PVC pipes, exible pipes used in practice G.I. ipes and PVC pipes fitting and ccessories, adhesive solvents nemical action, piping layout. biserving different pipe joint and ipe accessories. The pumbing, One job on pipe joint ith nipple coupling for standard ite sets. Safety measures in plumbing nop.       Lab demonstration, hands on practice, lab assignments, quiz, assignments.         SCHEME OF A       Method of Assessment       SCHEME OF A         Method of Assessment       Student will be asked to prepare simple safety measures.         buiz       Student will be asked to prepare simple safety measures.	ption       Prepare simple job as per given specification with safety measures         SCHEME OF STU         Learning Content       Teaching –Learning Method       Des Des Method         ifferent G.I. pipes, PVC pipes, exible pipes used in practice G.I. ipes and PVC pipes fitting and ccessories, adhesive solvents nemical action, piping layout. bserving different operations in plumbing, One job on pipe joint ith nipple coupling for standard ipe. Pipe threading using standard is sets. Safety measures in plumbing nop.       Lab demonstration, hands on practice, lab assignments, quiz, assignments.       Teache the pro fittings assignments.         SCHEME OF ASSESS         Method of Assessment       Description of Assessment safety measures.         Muiz       Student will be asked to prepare simple pipe fi safety measures.         ADDITIONAL INSTRUCTIONS FOR THE	ption       Prepare simple job as per given specification with safety measures in plu         scheme       SCHEME OF STUDY         Learning Content       Teaching –Learning Method       Description         ifferent G.I. pipes, PVC pipes, exible pipes used in practice G.I. ipes and PVC pipes fitting and ccessories, adhesive solvents nemical action, piping layout. bserving different pipe joint and ipe accessories. emonstration of different operations in plumbing, One job on pipe joint ith nipple coupling for standard ie sets. Safety measures in plumbing nop.       Lab demonstration of Assessment       Teacher will the procedure assignments.         Method of Assessment       Description of Assessment         Method of Assessment       Student will be asked to prepare simple pipe fitting je safety measures.	ption       Prepare simple job as per given specification with safety measures in plumbing         SCHEME OF STUDY         Learning Content       Teaching -Learning Method       Description of T Process         tifferent G.I. pipes, PVC pipes, exible pipes used in practice G.I. ipes and PVC pipes fitting and ccessories, adhesive solvents nemical action, piping layout. bserving different pipe joint and ipe accessories. emonstration of different operations plumbing, One job on pipe joint ith nipple coupling for standard ies ests. Safety measures in plumbing nop.       Lab demonstration, hands on practice, lab assignments.       Teacher will demons the procedure of pip fittings. The students learn through practice of the procedure of pip fittings. The students assignments.         Scheme of Assessment       Scheme of Assessment         Method of Assessment       Description of Assessment         uiz       Student will be asked to prepare simple pipe fitting joints w safety measures.         ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACT	ption       Prepare simple job as per given specification with safety measures in plumbing sho         SCHEME OF STUDY         Learning Content       Teaching –Learning Method       Description of T-L Process         ifferent G.I. pipes, PVC pipes, exible pipes used in practice G.I. ipes and PVC pipes fitting and scessories, adhesive solvents nemical action, piping layout. bbserving different operations in plumbing, One job on pipe joint ith nipple coupling for standard ize sets. Safety measures in plumbing nop.       Lab demonstration, hands on practice, lab assignments, quiz, assignments.       Teacher will demonstrat the procedure of pipe fittings .The students wi learn through practice.         SCHEME OF ASSESSMENT         Method of Assessment       Description of Assessment         wuiz       Student will be asked to prepare simple pipe fitting joints with safety measures.         ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULT	Interview of the second secon	ption       Prepare simple job as per given specification with safety measures in plumbing shop.         SCHEME OF STUDY         Learning Content       Teaching –Learning Method       Description of T-L Process       Teach Hrs.         ifferent G.I. pipes, PVC pipes, exible pipes used in practice G.I. ipes and PVC pipes fitting and ccessories, adhesive solvents nemical action, piping layout. ibserving different pipe joint and ipe accessories. eemonstration of different operations plumbing, One job on pipe joint ith nipple coupling for standard ies ests. Safety measures in plumbing top.       SCHEME OF ASSESSMENT       Maximu Markst Markst         Method of Assessment       Student will be asked to prepare simple pipe fitting joints with safety measures.       06	Interview of the second secon	Prepare simple job as per given specification with safety measures in plumbing shop.         SCHEME OF STUDY         Learning Content       Teaching -Learning Method       Description of T-L Process       Teach       Pract. /Tut       LRs         Required       Scheme       Description of T-L Process       Hrs.       Pract. /Tut       LRs         keihod       in practice G.I.       in practice G.I.       in practice (alb assignments, quiz, assignments, assignments, quiz, assignments, quiz, assignments, assignments, quiz, assignments, plumbing, One job on pipe joint and ipe accessories.       Nethood fifterent operations, plumbing standard       Nethood fifterent operations of the procedure of pipe fitting joints with asfety measures in plumbing       Nethood of Assessment       Maximum Marks       Resources Required         Method of Assessment       Student will be asked to prepare simple pipe fitting joints with affety measures.       06       Observation schedule/check-list /rating scales /rubric         uiz       Student will be asked to prepare simple pipe fitting

DODU						nch (	Code	Co	urse	Code	CO Code	LO Code	Format No.
RGPV	(Diploma	Wing ) Bhopal	SCHEME	FOR LEARNING OUTCOME	<u> </u>	-	-	-	-	-	5	1	4
	URSE ME	WORKSHOP	PRACTICI	Ξ		1			1				
CO Des	scription	Practice sheet	metal, solde	ering, riveting joints.									
LO Des	cription	Select appropria	ate sheet me	tal tool.									
				SCHEME O	F STU	DY							
S. No.		Learning Conte	ent	Teaching –Learning Method	Dese	criptio Proc	on of '	Г-L		Teach Hrs.	Pract. /Tu Hrs.	t LRs Require	dRemarks
1.		tion, Various typ		teaching, lab demonstration, quiz, assignments.	Teache content handou Teache quiz/ass make st their kr	s and ts to s r will signm udent	provic tudent condu ents to s prac	le ts. Ict	e 0	2	02	Chalk board, PPT, Handout/ lab manual, text book charts, video filr	,
				SCHEME OF A	SSESS	MEN	Т						
S. No.	Metho	od of Assessmen	t	Description of Asses	sment				N	/laximu Mark	Resolut	ces Require	External / Internal
1.	. Quiz Student will be asked to select appro- given task.						al tool	l for		03	sched	oservation 1le/check-list scales /rubric	
			ADDI	FIONAL INSTRUCTIONS FO	R THE	HOD	)/ FA(	CUL	TY (l	FANY	7)		
				Part of La	ıb Work								

	~					nch (	Code	Co	urse	Code	CO Code	LO Code	Format No.
RGPV	(Diploma V	Wing ) Bhopal	SCHEME	FOR LEARNING OUTCOMI	£	-	-	-	-	-	5	2	4
	URSE ME	WORKSHOP	PRACTICE										
CO Des	cription	Practice sheet	metal, solder	ring, riveting joints.									
LO Des	cription	Prepare sheet m	etal, solderin	ng, riveting joints with safety pre	caution	s in sh	neet me	etal s	hop.				
				SCHEME C	)F STU	DY							
S. No.		Learning Conte	ent	Teaching –Learning Method	Des	criptio Proo	on of T cess	Ր-L		Teach Hrs.	Pract. /Tu Hrs.	t LRs Require	Remarks
1.	metal sho	types of operation p. Soldering and ecautions in shee	riveting.	Lab demonstration, hands on practice, lab assignments, quiz, assignments.	Teache the pro sheet m riveting student through	cedure netal, s g joint s will	e to pre solderin s .The learn	epare ng,		2	06	Chalk board, PPT, Handout/ lab manual, text book charts, video filn	, 
				SCHEME OF A	SSESS	MEN	Т						
S. No.	Metho	od of Assessmen	t	Description of Asses	ssment				N	laximu Marks	Resourt	ces Required	External / Internal
1.	Laboratory test by observation Student will be asked to prepare simmetal, soldering, riveting joints.						ating s	heet		20	Rubric	s/rating scales	s External
			ADDIT	IONAL INSTRUCTIONS FO	R THE	HOD	)/ FAC	CUL	ГY (I	F ANY	)		
				Part of end pr	actical e	xam							

RGPV (Diploma Wing ) Bhopal SCHEME						Branch Code (				Code	CO Code	LO Code	Format No.	
				FOR LEARNING OUTCOMI	£	-	-	-	-	-	6	1	4	
	URSE ME	WORKSHOP	PRACTICI	Ξ										
CO Des	cription	Prepare simple	thy shop.											
LO Des	cription	Prepare simple	job as per gi	ven specification with safety pre-	caution	s in sm	hithy sł	юp.						
				SCHEME C	F STU	DY								
S. No.	Learning Content			Teaching –Learning Method	Description of T-L Process					Teach Hrs.	Pract. /Tu Hrs.	ut LRs Required	Remarks	
1.	tools and Demonst processes fullering, One job I any hard	ration of differen Power Hammer. ration of differen s, likes shaping, c setting down op like hook peg, fla ware item. Safety ons in smithy shop	t forging caulking, erations. t chisel or	Lab demonstration, hands on practice, lab assignments, quiz, assignments.	Teacher will demonstrate the procedure simple job. The students will learn through practice.						06	Chalk board, PPT, Handout/ lab manual, text book, charts, video film		
				SCHEME OF A	SSESS	SMEN'	Т							
S. No.	Metho	od of Assessmen	sment				I	Maximı Mark	R econ	Resources Required				
1.	Quiz		ent smi	nt smithy operations on				05	sched	Observation schedule/check-list /rating scales /rubrics				
			ADDI	FIONAL INSTRUCTIONS FO	R THE	HOD	/ FAC	'UL'	<b>TY</b> (1	IF ANY	()			
				Part of La	ıb Worl	ζ.								

						Branch Code				Code	CO Code	LO Code	Format No.	
RGPV (Diploma Wing ) Bhopal SCH			SCHEME	HEME FOR LEARNING OUTCOME			-	-	-	-	7	1	4	
	URSE ME	WORKSHOP	PRACTICE	E										
CO Des	cription	Practice of pov	wer tools and	d utility items.										
LO Des	cription	Practice of pow	ver tools and	utility items with safety precaution	ons.									
		1		SCHEME O	F STU	DY								
S. No.		Learning Conto	ent	Teaching –Learning Method	Description of T-L Process					Teach Hrs.	Pract. /Tu Hrs.	it LRs Required	Remarks	
1.	practice of Demonst tools, pro- wiring to of electri sockets a electrical per the re-	ration of power t of utility items. ration of advance eumatic tools, ele ools and accessori cal switch board and piano buttons l wiring. Any oth equirement of col ety precautions.	e power ectrical ies. Making with 2 and with er item as	on practice, lab assignments, quiz, assignments.	Teacher will demonstrate the procedure to operate power tools and utility items. The students will learn through practice.					3	06	Chalk board, PPT, Handout/ lab manual, text book charts, video film		
				SCHEME OF A	SSESS	MEN'	Т							
S. No.	Meth	od of Assessmen	t	Description of Asses	sment	sment				/laximu Mark	Resour	Resources Required		
1.	Quiz		tools a s.	tools and utility items					05 Obs /rating schedul		Internal			
			ADDI	TIONAL INSTRUCTIONS FO	R THE	HOD	/ FAC	CUL	ГY (]	FANY	()			
				Part of La	ıb Work	2								

RGPV (Diploma Wing ) Bhopal NAME OF PROGRAMME THREE YEARS						SEMESTER TEACHING LEARNING & ASSESSMENT PLAN											FORMAT- <b>6</b>	
						DIPLC	MA		SCHEME		OBE		IMP	LEMENTI	ING YEAR		2020	-21
BRANCH CODE NAME OF BRANC					BRANCH	H AUTOMOBILE, PRODUCTION, CIV				,	,		,	· · · · · · · · · · · · · · · · · · ·		ESTER	FIRST	
			COL	JRSE DETAII	_S			T-L	PLAN				AS	SESSMEN <sup>.</sup>	T PLAN	·		
S. No										Internal		External Assessme			ent (University Exam)			Grand
	COURSE CODE		COU NAI		PAPER CODE	No. of	No. of LOs	Total T-L	T-L Hrs. /Week	Assessment		Theory Pa		per P		ractical Exam *		Total of
	CODE				CODE	COs		Hrs.		No. of LOs	Total Marks	No. of LOs	Total Marks	Duration	No. of LOs	Total Marks	Duration	Marks
1			RKSHOP CTICE				12	90	06	09	40	-	-	-	03	60	3Hrs.	100
2																		
3																		
4																		
5																		
	I	1	TOTAL															
								1	1	1	No.	of Theor	y Papers	nil	No. c	of Practica	al Exams	01

\*Exam for LOs (Psycho + Affect.)