

RGPV (Diploma Wing) Bhopal			SEMESTER TEACHING LEARNING & ASSESSMENT PLAN										FORMAT- 6			
NAME OF PROGRAMME		THREE YEARS DIPLOMA			SCHEME		OCBC		IMPLEMENTING YEAR			2021-22				
BRANCH CODE	R01	NAME OF BRANCH			REFRIGERATION AND AIR CONDITIONING ENGINEERING										SEMESTER	SIXTH
S. No	COURSE DETAILS					T-L PLAN		ASSESSMENT PLAN								
	COURSE CODE	COURSE NAME	PAPER CODE	No. of COs	No. of LOs	Total T-L Hrs.	T-L Hrs. / Week	Internal Assessment		External Assessment (University Exam)						Grand Total of Marks
								Theory Paper			Practical Exam *					
								No. of LOs	Total Marks	No. of LOs	Total Marks	Duration	No. of LOs	Total Marks	Duration	
1	601	HVAC Load Estimation		05	13	75	5	6	30	7	70	3Hrs.	0	0	0	100
2	602	Installation, Testing and Commissioning of RAC Systems		05	16	120	8	6	50	7	70	3Hrs.	3	30	3Hrs.	150
3	603	Elective-1 #		05	-	120	8	-	50	-	70	3Hrs.	-	30	3Hrs.	150
4	604	Project				120	8		100	-	-	-	-	200	3Hrs.	300
5	605	Industrial Training *					-	-	100	-	-	-	-	-	-	100
6	606	Professional Development VI				60	4	-	75	-	-	-	-	-	-	75
TOTAL				-	-	495	33	-	405	-	210	-	-	260	-	875
No. of Theory Papers												3	No. of Practical Exams			3

#Elective will be from following subjects: (any one) 1. Design of HVAC System and Equipments / 2. Cryogenic Engineering / 3. Industrial Engineering and Quality Control / 4. Industrial Automation/ 5. Power Plant Engineering

*** Two weeks slot is reserved in sixth semester for Industrial Training. Alternatively two weeks Industrial Training may be completed after IVth semester in Summer/Winter Vacation**