

P D A College of Engineering
B.E. in Industrial and Production Engineering
 Outcome Based Education (OBE) and Choice Based Credit System (CBCS)
 Scheme of Teaching and Examination **AY 2024-2025** (Effective from the academic year 2021-22)

VI - SEM

S. No	Course and Course Code		Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours/Week				Examination			Credit	
					Theory Lecture	Tutorial	Practical/ Drawing	Self-Study	Duration in hours	CIE Marks	SEE Marks		Total Marks
					L	T	P	S					
1	HSMS/PC	22IP61	Human Factors & Ergonomics (HF & E)	TD-Respective Dept. PSB- Respective Dept.	3	2	0		03	50	50	100	4
2	PCC	22IP62	Operation Research	TD-Respective Dept. PSB- Respective Dept.	3	2	0		03	50	50	100	4
3	PEC	22IP63x	Elective - II	TD-Respective Dept. PSB- Respective Dept.	3	0	0		03	50	50	100	3
4	OEC	22IPOE64x	Open Elective - I	TD-Respective Dept. PSB- Respective Dept.	3	0	0		03	50	50	100	3
5	PROJ	22IP65	Project	TD-Respective Dept. PSB- Respective Dept.	0	0	4		03	50	--	50	2
6	PCCL	22IPL66	HF & E laboratory	TD-Respective Dept. PSB- Respective Dept.	0	0	2		03	50	50	100	1

7	AEC/SDC	22IKSAE67	Indian Knowledge System		If the course is offered as a Theory				50	50	100	1	
					1	0	0	02					
					If a course is offered as a Practical								
					0	0	2	03					
8	NCCM	22NS68	Mandatory Course (Non-credit)	NSS coordinator	0	0	2		50	50	0		
		22PE68	Mandatory Course (Non-credit)	Physical Education Director									
		22YO68	Mandatory Course (Non-credit)	Yoga Teacher									
					13	04	10		Total	400	300	700	18

Professional Elective Course - II			
22IP631	Supply Chain Management (SCM)	22IP633	
22IP632	Plant Layout and Material Handling	22IP634	

Open Elective Course			
22IPOE641	Human Factors Engineering		

Ability Enhancement Course/Skill Enhancement Course-V	
22IKSAE67	Indian Knowledge System