

# **TO WHOMSOVER IT MAY CONCERN**

LEGEOR

This is to certify that the information given in the attached documents are verified by me and is true to the best of my knowledge.

Dr. Sujith Varma.K PRINCIPAL

Wooma

Principal

National College of Pharmacy

Manassery, Mukkam, Kozhikode





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CRITERIA 2: TEACHING LEARNING AND EVALUATION

2.6.2: ATTAINMENT OF POS AND COS ARE EVALUATED

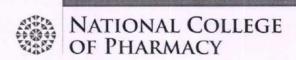
SL NO	PARTICULARS
1	MAPPING OF B.PHARM
2	MAPPING OF PHARM D
3	MAPPING OF PHARM D P.B
4	MAPPING OF M.PHARM
5	ATTAINMENT OF B.PHARM
6	ATTAINMENT OF PHARM D
7	ATTAINMENT OF PHARM D P.B
8	ATTAINMENT OF M.PHARM



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### GA PO MAPPING- B.PHARM

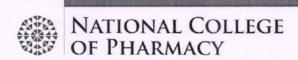
PROGRA	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA
M OUTCOM	1	2	3	4	5	6	7	8	9	0
PO1	2	1	1	2	1	2		1	2	1
PO2	2	2	1	2	-	1	2	7	1	2
P03	2	2	I	2	-	-	1	1	1	1
PO4	2	1	1		1		1	-	2	2
PO5	1	1	2	2	-	1	1	2	1	2
PO6	2	1	2	1	1	2	1	1	2	1
PO7	2	1	2	1	-	3	1	2	-	-
PO8	2	2	2	3	1	1.73	1	-	1	2
PO9	2	2	2	2	1	1	4.	17	2	1
PO10	1	1	1	1	3	1		-	-	
PO11	2	2	-	1	-	1	1	-	3	1



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#### GA PO MAPPING- PHARM D

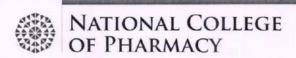
PROGRA	GA									
M OUTCOM E	1	2	3	4	5	6	7	8	9	0
PO1	2	1	1	2	1	1	1	-	2	2
PO2	2	2	2	2	1	3	1	1	2	3
P03	2	1	1	2	_1	1	1	1	2	2
PO4	1		2	2	1	3		1	1	1
PO5	-1	2	2	2	-	2	2	2	2	1
PO6	2	2	2	2	-	2	1	1	2	2
PO7	2	1	1	2	1	2	1	1	1	2
PO8	2	2	1	2	-	2	-	1	2	2
PO9	2	1	2	2	2	1	-	1	3	2

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#### GA PO MAPPING- PHARM D P.B

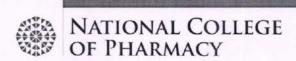
	-		-							
PROGRA	GA	GA	GA	GA	GA	GA	GA	GA	GA	GA1
M OUTCOM	1	2	3	4	5	6	7	8	9	0
E										
PO1	2	1	1	2	1	1	1	-	2	2
PO2	2	. 2	2	2	1	3	1	1	2	3
P03	2	1	1	2	-1	1	1	1	2	2
PO4	1	-	2	2	1	3	-#X	1	1	1
PO5	1	2	2	2	==	2	2	2	2	1
PO6	2	2	2	2	-	2	1	1	2	2
PO7	2	1	1	2	1	2	1	1	1	2
PO8	2	2	1	2	-	2		1	2	2
PO9	2	1	2	2	2	1	-	1	3	2
								01=0		

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## GA PO MAPPING- M. PHARM

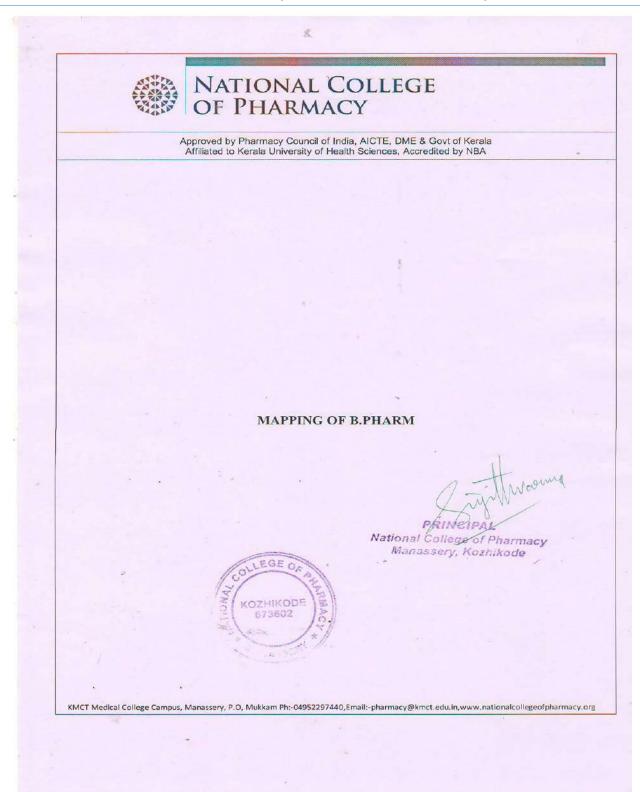
PROGRA	GA									
M OUTCOM	1	2	3	4	5	6	7	8	9	0
E										
PO1	2	1	2	2	1	1	1	1	1	1
PO2	2	2	2	2	*	2	2	-	-	2
P03	2	1	2	2	1	1	1	-	-	1
PO4	1	1	2	2	-		1	1	2	1
PO5	2	2	1	2	-	-	1	1	-	1
PO6	2	2	2	2	2	1	1	1	1	1
PO7	2	2	1	2	1	2	2	1	1	1
PO8	2	2	1	2	1	1	1	-	2	2
PO9	1	1	2	2	1	2	1	2	2	- 1
P10	2	2	2	2	2	1	1	1	1	1
P11	2	1	2	2	1	1	1	1	3	1
			4							

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*				B.PH	ARM	COF	OPS	O MA	PPINO	3					211-
			3177		CONTRACTOR OF									-	
STER		0													
NANATO			VSIOL	OGV I	(T)										
			TOTOL	OGIA	-/	141	- 111				CO PSO MAPPIN	G			
PO1	PO2	PO3	PO4	PO5 ·	P06	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO
3	1	1	3	1	3	3	3	1	3	1	C01	2	2	2	2
3	- 1	1	2	1	2	2	3	1	3	2	C02	2	3	1	3
3	1	1	3	1	3	2	2	3	1	1	C03	1	2	2	2
3	1	3	3	1	3	3	2	3	1	3	C04	3	2	2	2
F-3	1	1.5	2.75	1	2.75	2.5	2.5	2	2	1.75	AVERAGE	2	2.25	1.75	2.25
MACEUT	ICALA	NALY	SIS I	Γ)											
											CO PSO MAPPIN	G			
PO1	PO2	PO3	P04	P05	P06	P07	PO8	PO9	PO10	PO11	CO	PSOI	PSO2	PSO3	PSO
3	2	. 3	3	2	3	1	1	1	1	1	C01	2	2	2	1
3	2	3	3	2	3	1	1	1	1	1	C02	3	3	3	2
3	2	3	3	1	2	1	1	1	1	1	C03	2	3	2	2
2	2	3	3	2	2	1	1	1	1	1	C04	2	2	3	3.
2.75	2	3	3	1.75	2.5	1	1	1	1	1	AVERAGE	2.25	2.5	2.5	2
MACEUT	ICS I	Γ)									h-fb-				
Essas											CO PSO MAPPIN	G		,	
POI	PO2	PO3	P04	P05	PO6	PO7	P08	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
3	1	2	1	1	3	1	2	1	1	1	C01	2	1	1	1
3	2	-2	3	1	3	1	2	3	1	1	C02	2	2	2	2
3	2	2	1	1	3	1	3	2	1	1	C03	2	1	2	1
2	1	2	1	1	3	-1	3	3	1	2	C04	3	1	1	1
2.75	1.5	2	1.5	1	3	1	2.5	2.25	1	1.25	AVERAGE	2.25	1.25	1.5	1.25
	PO1  3 3 3 43  MACEUT  PO1  3 2 2.75  MACEUT  PO1  3 3 3 2 2 2.75	PO1	PO1	PO1	PO1	PO1	PO1	PO1	PO1	POI PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10  3	POI	PO1	NANATOMY AND PHYSIOLOGY I(T)	POI	PO1



	PO1	PO2	P03	P04	PO5	PO6	PO7	PO8	PO9	PO10	PO11	CO	PSOI	PSO2	PSO3	PSO4
C01	2	3 -	2	2	3	3	3	3	3	3	3	C01	2	1	2	1
C02	3	3	2	2	3	3	3	3	3	3	3	C02	3	2	2	2
C03	2	3	2	2	3	3	3	3	3	3	3	C03	1	2	1	2
C04	3	3	2	2	3 '	3	3	3	3	3	3	C04	1	1	1	3
AVERAGE	2.5	3	2	2	3	3	3	3	3	3	3	AVERAGE	1.75	1.5	1.5	2
BP105T COM	MUNICAT	ION SI	CILLS	(T)												
CO PO MAPPING						S 1111						CO PSO MAPPIN				
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO4
C01	<i>ħ_</i>		100	-		3	**	3	-		(20)	C01	2	3	2	3
C02	1.			-	-	3		3	-		-	C02	3	3	1	3
C03	-				-	3		3			-	C03	2	2	2	3
C04_		1				3		3				C04	1	2	2	3
AVERAGE						3		3			7	AVERAGE	2	2.5	1.75	3
DD4AND TITULE	NE CATIONS	OF STREET, STR														
BPIO/P HUMA	NANATO	MY A	VD PH	YSIOL	OGY I	P)						-				
BP107P HUMA CO PO MAPPING	IN ANAȚC	MY Al	VD PH	YSIOL	OGY I	(P)						CO PSO MAPPIN	0			
	POI	PO2	PO3	YSIOL PO4	OGY I(	P) P06	P07	PO8	P09	PO10	PO11	CO PSO MAPPIN	PSOI	PSO2	PSO3	PSO4
CO PO MAPPING Course							PO7 2	PO8	PO9	PO10	PO11			PSO2	PSO3	PSO4
CO PO MAPPING Course Outcome	POI	PO2	PO3	PO4	PO5	P06						СО	PSOI	Almone		
CO PO MAPPING Course Outcome C01	POI 1	PO2	PO3	PO4	P05	P06	2	2	2	1	1	CO COI	PSO1	•		
CO PO MAPPING Course Outcome  C01 C02	PO1 1 3	PO2 2 2	PO3	PO4	PO5	PO6	2	2	2	1 2	1 2	C01 C02	PSO1	•	-	
CO PO MAPPING Course Outcome  C01  C02  C03	PO1 1 3 3 3	PO2 2 2 3	PO3	PO4 1 2 1	PO5	P06	2 1 2	2 2 2 2	2 1 2	1 2 1	1 2	C01 C02 C03	1 1 2	•	- 1 1	- 2
CO PO MAPPING  Course Outcome  C01  C02  C03  C04  AVERAGE	PO1  1 3 3 1 2	PO2 2 2 3 2 2.25	PO3  1 2 3 1 1,75	PO4  , 1 2 1 1 1.25	PO5  1 1 1 2 1.25	PO6  1 1 1 2	2 1 2 2 2	2 2 2 2	2 1 2 2	1 2 1 2	1 2 1 2	CO	PSO1 1 1 2 1 1	-	- 1 1	2
CO PO MAPPING Course Outcome  C01  C02  C03  C04	PO1  1 3 3 1 2  MACEUT	2 2 3 2 2.25	PO3  1 2 3 1 1.75 NALY	PO4  1 2 1 1 1.25 SSIS I (I	PO5  1 1 1 2 1.25	PO6  1 1 1 2 1.25	2 1 2 2 1.75	2 2 2 2 2 2	2 1 2 2 1.75	1 2 1 2 1.5	1 2 1 2 1.5	CO	PSO1 1 1 2 1 1.25	-	- I 1 - 0.5	2 1 0.75
CO PO MAPPING Course Outcome  C01 C02 C03 C04 AVERAGE BP108P PHAR	PO1  1 3 3 1 2	PO2  2 2 3 2 2.25	PO3  1 2 3 1 1,75	PO4  , 1 2 1 1 1.25	PO5  1 1 1 2 1.25	PO6  1 1 1 2	2 1 2 2 2	2 2 2 2	2 1 2 2	1 2 1 2	1 2 1 2	CO1	PSO1 1 1 2 1 1.25	-	- 1 1	2
CO PO MAPPING Course Outcome  C01 C02 C03 C04 AVERAGE BP108P PHAR CO PO MAPPING Course	PO1  1 3 3 1 2  MACEUT	2 2 3 2 2.25	PO3  1 2 3 1 1.75 NALY	PO4  1 2 1 1 1.25 SSIS I (I	PO5  1 1 1 2 1.25	PO6  1 1 1 2 1,25	2 1 2 2 1.75	2 2 2 2 2 2	2 1 2 2 1.75	1 2 1 2 1.5	1 2 1 2 1.5	CO	PSO1 1 1 2 1 1.25	-	- I 1 - 0.5	2 1 0.75
CO PO MAPPING  Course Outcome  C01  C02  C03  C04  AVERAGE  BP108P PHAR  CO PO MAPPING  Course Outcome	PO1  1 3 3 1 2  MACEUT	2 2 3 2 2.25	PO3  1 2 3 1 1.75 NALY	PO4  1 2 1 1 1.25 SIS I (I	PO5  1 1 1 2 1.25	PO6  1 1 1 2 1.25	2 1 2 2 1.75	2 2 2 2 2 2 2	2 1 2 2 1.75	1 2 1 2 1.5	1 2 1 2 1.5	CO  C01  C02  C03  C04  AVERAGE  CO PSO MAPPIN  CO	PSO1  1 1 2 1 1.25  GPSO1		- I 1 - 0.5	2 1 0.75



C04	2	2	3	3	2	2	1	1	1	1	1	C04	2	2	1	1
AVERAGE	2.75	2	3	3	1.25	2.5	1	1	1	1	1	AVERAGE	1.5	1.75	1.5	1.2
BP109P PHARM	MACEUT	ICS I (F	2)		1			dy.	112							
CO PO MAPPING			7									CO PSO MAPPIN	G			
Course Outcome	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PO10	PO11	CO	PSOI	PSO2	PSO3	PSC
C01	3	1	2	1	1	3	1	2	1	1	1	C01	3	2	1	1
C02	3	2	2	3	1	3	1	2	3	1	1	C02	2	1	2	2
C03	3	2	2	1	1	3	1	2	2	1	1	C03	2	2	2	1
C04	2	1	2	1	1	3	1	2	3	1	2	C04	1	1	1	2
AVERAGE	2.75	1.5	2	1.5	1 -	3	1	2	2.25	1	1.25	AVERAGE	2	1.5	1.5	1.
BP110P PHARI	MACEUT	ICALI	NORG	The second second	CHEM	ISTR	Y (P)		10000							
CO PO MAPPING							1-7					CO-PSO MAPPIN	G			
Course Outcome	PO1	PO2	P03	PO4	P05	P06	P07	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01	3	1	2	1	2 '	2	3	1	2	1	- 2	C01	2	1	1	1
C02	3	1	1	1	2	2	3	2	2	1	2	C02	1	1	1	1
C03	3.	2	2	1	2	2	3	2	2	1	1	C03	-1	2	2	1
C04	3	1	2	1	3	2	2	1	2	1	1	C04	2	1	1	2
AVERAGE	3	1.25	1.75	1	2.25	2	2.75	1.5	2	- 1	1.5	AVERAGE	1.5	1.25	1.25	1.2
BP111P COMM	IUNICAT	ION SE	ILLS				-						-			
CO-PO MAPPING			100					21 lin	40		20 = II =	CO-PSO MAPPIN	G	,,		
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01				-	(8)	3.		3	-	-		C01	1		1	3
C02			-			3		3				C02	1			3
C03	-	-			14.5	3		3		-		C03	1		1	3
C04	-	-	-			3		3			-	C04	1	-	1	3
AVERAGE	74					3		3				AVERAGE	1	-	0.75	3
SECOND SEI	MESTE	?									- M					
BP201T HUMA			VID PH	VSIOI	OCVI	150	1				777			77	T	7
CO-PO MAPPING	HAHAIC	mi i m	IDIII	TOTOL	1/60	1.50	00					CO-PSO MAPPIN	G			
Course	PO1	PO2	PO3	P04	P05/	PO6	PQ7	PO8	PO9	PO10	POII	CO	PSOI	PSO2	PSQ3	PSO
					* MATIOR	ZHIK( 67360	ODE 2						Nati	1	ollege sery,	of



Outcome	0												4			
*	1 2															
C01	3	3	3	2	2	1	3	2	1	2	2	C01	2	2	1	2
C02	3	3	3	2	1	3	2	1	3	1	3	C02	1	1	2	1
C03	3	3	3	2	2	2	3	3	3	1	1	C03	1	1	1	2
C04	3	2	2	2	1	1	2	2	3	1	2	C04	1	1	2	1
AVERAGE	3	2.75	2.75	2	1.5	1.75	2.5	2	2.5	1.25	2	AVERAGE	1.25	1.25	1.5	1.5
BP202T PHAR	MACEUT	ICAL (	ORGA	NIC CI	IEMIS'	TRYI	F									
CO-PO MAPPING	Teat		1			1				Toward .		CO-PSO MAPPIN	_	Linear	I Star Vale	
Course Outcome	PO1	PO2	PO3	PO4	P05	P06	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO4
C01	2	2	2	2	2	2	2	2	2	2	1	C01	1	2	1	2
C02	2	2	1	1	1	2	2	2	2	2	2 -	C02	1	1	1	1
C03	2	3	1	1	1	1	2	2	2	2	1	C03	1	1	2	1
C04	3	2	3	2	1	3	1	1	2	1	1	C04	1	1	1	1
AVERAGE	2.25	2.25	1.75	1.5	1.25	2	1.75	1.75	2	1.75	1.25	AVERAGE	1	1.25	1.25	1.25
BP203T BIOCE	EMISTR'	Y				1/			NII .			The second second		111		
CO-PO MAPPING	1	1	ě.				W.					CO-PSO MAPPIN	G			
Course Outcome	PO1	PO2	P03	P04	P05	PO6	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO4
C01	3	3	2	3	3	3	3	3	3	2	3	C01	1	1	1	1
C02	2	3	12	1	2	3	3	-:	3	3	3	C02	1	1	1	1
C03	3	3	2	3	3	3	3	2		3	3	C03	1	1	2	1
C04	2	3	2	2	2	3	2	3	3	2	3	C04	2	2	2	1
AVERAGE	2.5	3	2	2.25	2.5	3	2.75	2	2.25	2.25	3	AVERAGE	1.25	1.25	1.5	1
BP204T PATHO	PHYSIO	OGY			1											
CO-PO MAPPING							W.F.					CO-PSO MAPPIN	G	y =		
Course Outcome	PO1	PO2	P03	P04	PO5	PO6	PO7	PO8	PO9	PO10	POII	СО	PSO1	PSO2	PSO3	PSO4
C01	2	2	3	3	3	-2	3	2	3		1	C01	1	1	1	1
C02	2	3	3	ff e	E 3		3	2	2	1	3	C02	1	2	1	2
C03	2	2	3	(N)	2	53	13	2	2	3	2	C03	2	1	2	1
C04	2	3	3//	0/3	2	181	3	2	2	1		C04	1	2	1	2
				2	HIKODE 73602									ationa	SWY PRIN	AID



C05	2	2	3	2	1	2	1	2	1	1		C05	1	1	2	1
AVERAGE	2	2.4	3	2.2	2.2	1.4	2.6	2	2	1.2	1.2	AVERAGE	1.2	1.4	1.4	1.4
BP205T COMP	ITER AP	PLICA	TION	-	[ARM	CY					7/5-			100/11/4	1 12 12 12	1000
CO-PO MAPPING	O I DICIN	Liter	110:11		I ARMITAL						-	CO-PSO MAPPIN	G			
Course Outcome	PO1	PO2	P03	PO4	PO5	P06	PO7	PO8	PO9	PO10	PO11	СО	PSOI	PSO2	PSO3	PSO4
C01			1.	2	1/4						3	C01	1	2	1	2
C02									-		3	C02	2	1	2	2
C03	*	12	-		100	1	2		14		3	C03	1	2	1	2
C04										-	3	C04	2	1	1	2
AVERAGE	P.	-				-	10	-			3	AVERAGE	1.5	1.5	1.25	2
<b>BP206T ENVIR</b>	ONMENT	TALSC	TENC	ES			1						1			
CO-PO MAPPING	A											CO-PSO MAPPIN	G			
Course Outcome	POI	PO2	PO3	P04	PO5	PO6	P07	PO8	PO9	PO10	POII	СО	PSOI	PSO2	PSO3	PSO4
C01	V-	-			* 5	-	-		3	-		C01		-	-	
C02	23			-	-	-			3		-	C02	144			
C03	-,		h .					1	3			C03				
C04			-		-	-	-		3		-	C04				
AVERAGE			190	-	_				3			AVERAGE		-		
BP207P HUMA	NANATO	MYA	ND PH	VSIOL	OGY I			V			-			_		70
CO-PO MAPPING			)								THE STATE OF	CO-PSO MAPPIN	G			
Course Outcome	POI	PO2	P03	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
C01	2	2	2	2	2	1	1	2	2	1	1	C01	1			1
C02	2	1	1	1	1	1	1	2	1	1	1	C02	1		1	1
C03	2	2	1	2	2	2	2	2	2	2	. 2	C03	2		2	2
C04	2	-1	1	1	1	1	1	1	1	1	1	C04	1	0,52	T.	1
AVERAGE	2	1.5	1.25	1.25	1.25	1.25	1.25	1.75	1.5	1.25	1.25	AVERAGE	1.25	5.5	0.75	1.25
BP208P PHARN	ACEUTI	CALC	RGA	VIC CH	EMIST	RYI			han example							
CO-PO MAPPING												CO-PSO MAPPIN	G			
Course OLLEGE	PO1	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	PO10	P011	CO	PSO1	PSO2	PSO3	PSO4
KOZHIKODE 673602	HARMAC		9									1	Noti	onal C	RHVE	IPAL I



C01	2	2	2	2	0	2	1	2	2	4	1	C01	1	2	1	1
C02	2	2	1	2	2	1	1	1	1	1	1	C02	1	1	2	2
C03	2	3	2	1	2	1	2	3	3	1	1	C03	2	2	1	1
C04	3	2	1	2	3.	2	1	2	1	1	1	C04	1	1	1	1
AVERAGE	2.25	2.25	1.5	1.75	1.75	1.5	1.25	2	1.75	1	1	AVERAGE	1.25	1.5	1.25	1.25
BP209P BIOCH	HEMISTR	Y										0/4				7
CO-PO MAPPING	1	Large		_		**		100				CO-PSO MAPPIN				
Course Outcome	PO1	PO2	PO3	P04	P05	PO6	P07	PO8	PO9	PO10	POll	CO	PSO1	PSO2	PSO3	PSO
C01	2	2	3	3	3 .	2	3	2	3	-	1	C01	1	2	1	2
C02	2	3	3		3 .	0.0	3	2	2	1	3	C02	2	1	1	1
C03	2	2	3	3	2	3	3	2	2	3	2	C03	2	2	1	2
C04	2	3	3	3	2		3	2	2	1	•	C04	1	2	2	1
AVERAGE	2	2.5	3	2.25	2.5	1.25	3	2	2.25	1.25	1.5	AVERAGE	1.5	1.75	1.25	1.5
THIRD SEM	ESTER															
BP301T PHAR		ICAL (	ORGA	NIC CE	IEMIS	TRY II					(8					
CO-PO MAPPING					A A A A A A A A A A A A A A A A A A A					-		CO-PSO MAPPIN	IG			
Course Outcome	PO1 -	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01	3	3	2	2	3	3	2	3	3	3	3	C01	1	1	1	1
C02	3	3	. 2	2	3	3	2	3	3	3	3	C02	1	2	1	1
C03	3	3	2	2	3	3	2	3	3	3	3	C03	2	1	1	1
C04	3	3	2	2	3	3	,2	3	3	3	3	C04	1	2	2	1
AVERAGE	3	3	2	2	3	3	2	3	3	3	3	AVERAGE	1.25	1.5	1.25	1
BP302T PHYSI	CAL PHA	RMAC	EUTI	CSI												
CO-PO MAPPING	1 1											CO-PSO MAPPIN	G			
Course Outcome	PO1	PO2	PO3	P04	P05	P06	P07	PO8	PO9	PO10	PO11	CO	PSOI	PSO2	PSO3	PSO
C01	3	3	3	2	2	2	1	2	1	*)	3	C01	1	2	1	1
C02	3	3	3	3	1	2	1	2	2	-0	3	C02	1	1	2	1
C03	3	3	3	2	V	12	1	2	2		3	C03	2	2	2	2
C04	3	3	3	1	1/20	2	Edv	2	2		3	C04	1	2	17	31
			4		3/K	ZHIKO	10 H	1							Vr	My M



C05	. 3	3	3	2	1	2	1	1	3		3	C05	1	1	1	2								
AVERAGE	3	3	3	2	1.4	2	1	1.8	2		3	AVERAGE	1.2	1.6	1.4	1.8								
BP303T PHARM	ACEUT	ICAL	MICR	OBIOL	OGY		4/		1 31	TE	1			12										
CO-PO MAPPING											otvo I	CO-PSO MAPPIN	G											
Course Outcome	PO1	PO2	PO3	PO4	P05	P06	PO7	PO8	PO9	PO10	P011	CO	PSO1	PSO2	PSO3	PS04								
C01	3	2	1	3	1	3	2	1	3	1	3	C01	1	1	1	1								
C02	3	3	2	3	1	3	2	2	2	1	3	C02	1	1	1	1								
C03	3	. 2	1	3	2	3	2	2	2	1	3	C03	1	1	1	1								
C04	3	2	2	3	2	3	2	1	2	1	3	C04	2	2	1	2								
C05	7-3	1	3	3	1	3	2	2	2	1	3	C05	1	1	1	1								
AVERAGE	3	2	1.8	3	1.4	3	2	1.6	2.2	1	3	AVERAGE	1.2		1	5.0								
BP304T PHARM	MACEUT	ICAL	ENGIN	EERIN								A DAY TO BE A DESCRIPTION OF THE PARTY OF TH												
CO-PO MAPPING	повет	TO, III.	21,011	DUM	· ·							CO-PSO MAPPIN	G											
Course Outcome	PO1	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4								
C01	3		2	3	-	3	2		-	2	2	C01	1	1	1	1								
C02	3	1	2	3	-	3	2	+	-	2	2	C02	2	2	1	1								
C03	3	2	3	3		3	3		154	3	3	C03	2	1	2	1								
C04	3	1	1,3	2		3	3	-	3	3	- 2	C04	2	1	1	1								
AVERAGE	3	1	2	2.75		3	2.5	-	0.75	2.5	2.25	AVERAGE	1.75	1.25	1.25	1								
<b>BP305P PHARN</b>	<b>1ACEUT</b>	ICAL (	ORGA!	VIC CH	EMIS	TRY II																		
CO-PO MAPPING	Toward .		100					Towns Services	T-000			CO-PSO MAPPIN	-			th.								
Course Outcome	PO1	PO2	P03	PO4	P05	PO6	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4								
C01	2	2	1	1	1	3	2	2	3	2	3	C01	1		2									
C02	2		1	¥			-		1		3	C02	1		1									
C03	2		18	· •	2		2		1	-	3	C03	2	-	2									
C04	2	2	1	1	-/	3	2	2	3	2	3	C04	2		2									
AVERAGE	2	1	0.75	0.5	0.75	OFF.	E P3	1	2	1	3	AVERAGE	1.5	-	1.75									
BP306P PHYSIC	CAL PHA	RMAC	EUTI	CSI	1/8/		10	1							1	4								
			Ex		KAT JON	OZHIK 67360	nn-	Z Z						/	X	TI								

CO-PO MAPPING	•									-1016		CO-PSO MAPPIN	G			
Course Outcome	POI	PO2	PO3	P04	P05	PO6	PO7	PO8	PO9	PO10	PO11	СО	PS01	PSO2	PSO3	PSO4
C01	3	3	0	0	3	2	0	0	0	0	0	C01	3		2	
C'02	3	3	0	0	3	2	0	0	0	0	0	C02	3		1	
C03	3	3	0	0	3 .	2	0	0	0	0	0	C03	3		2	
C04	3	3	0	0	3	2	0	0	0	0	0	C04	3		1	-
AVERAGE	3	3	0	0	3	2	0	0	0	0	0	AVERAGE	3		1.5	
BP307P PHAR	MACEUTI	CALI	AICRO	BIOLO	OGY											
CO-PO MAPPING	The same				_							CO-PSO MAPPIN	G			
Course Outcome	P01#	PO2	P03	PO4	P05	P06	PO7	PO8	PO9	PO10	POII	СО	PSO1	PSO2	PSO3	PSO4
C01	3	1	3	3	1	2	2	0	3	1	3	C01	1	1	2	1
C02	3	2	3	3	2	3	1	1	2	2	3	C02	1	1	1	1
C03	3	1	2	3	1	2	1	1	2	3	3	C03		2	1	1
C04	3	2	2	3	2 ·	3	1	0	2	1	3	C04	-	1	1	1
C05	3	1	3	3	1	3	1	2	2	2	3	C05	1		1	2
AVERAGE	3.	1.4	-2.6	3	1.4	2.6	1.2	0.8	2.2	1.8	3	AVERAGE	0.6	1	1.2	1.2
BP307P PHAR			1000	FERIN		1	-	10000	2.2	1.0		TO ELICIOD	9.0		1.4	1,2
CO-PO MAPPING	THE CLOT	CILLI	a tont	LUMIN	0	-						CO-PSO MAPPIN	C	-	-	
Course Outcome	PO1	PO2	P03	P04	P05	P06	P07	P08	PO9	PO10	PO11	CO	PSOI	PSO2	PSO3	PSO4
C01	3		2	3		3	2			2	2	C01	1	2	1	2
	3	1	2	3		3	2			2	2	C02	1	2	2	1
C02	- 2	2	3	3	-	3	3			3	3	C03	1	1	2	1
C02 C03	3		3	2		3	3	-	3	3	2	C04	1	2	1	1
	3	1							1.50	-		10000		1.75	1.5	1.25
C03		1				3	2.5		0.75	25	2.25	AVERAGE	144			1.20
C03 C04 AVERAGE	3		2.5	2.75		3	2.5		0.75	2.5	2.25	AVERAGE	1	1.13		
C03 C04 AVERAGE FOURTH SE	3 3 EMESTER	}	2.5	2.75					0.75	2.5	2.25	AVERAGE	1	1.73		
C03 C04 AVERAGE FOURTH SE BP401T PHAR	3 3 EMESTER	}	2.5	2.75				•	0.75	2.5	2.25			1.13		
C03 C04 AVERAGE FOURTH SE BP401T PHAR CO-PO MAPPING	3 3 EMESTER MACEUTI	CAL (	2.5 ORGA	2.75 NIC CH	- IEMIS	TRY II	Ι .					CO-PSO MAPPIN	G			DCO
C03 C04 AVERAGE FOURTH SE BP401T PHAR CO-PO MAPPING Course	3 3 EMESTER MACEUTI	CAL (	2.5 ORGA	2.75	- IEMIS	TRY II	Ι .						G		PSO3	PSO4
C03 C04	3 3 EMESTER MACEUTI	CAL C	2.5 PO3	2.75 NIC CH	- IEMIS	TRY II	Ι .					CO-PSO MAPPIN	G		PS03	PSO4



C02	- 3	2	3	2	3	2	3	2	3	2	3	C02	2	1	2	1
C03	3	2	3	2	3	2	3	2	3	2	3	C03	1	1	2	1
C04	3	2	3	2	3	2	3	2	3	2	3	C04	2	1	2	1
AVERAGE	3	2	3	2	3 -	2	3	2	3	2	3	AVERAGE	1.75	1	2	1
BP402T MEDI	CINAL CI	HEMIS	TRYI													
CO-PO MAPPING	l nor	no.	DO2	PO.	, nor	no.	200	P.00	non	Lagra	I nous	CO-PSO MAPPIN	-	nnoa	2002	D.O.
Course Outcome	PO1	PO2	P03	P04	P05	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
C01	2	2	0	2	1	- 2	2	1	2	1	3	C01	2	2	3	1
C02	2	0	2	2	0	2	2	1	2	2	3	C02	2	2	2	1
C03	2	0	2	2	1 -	2	2	1	2	0	3	C03	2	1	3	1
C04	_2	2	2	3	2	2	2	1	0	1	3	C04	2	1	2	2
AVERAGE	2	1	1.5	2.25	1	2	2	1	1.5	1	3	AVERAGE	2	1.5	2.5	1.25
BP403T PHYS	ICAL PHA	RMAC	CEUTI	CS II				T								
CO-PO MAPPING												CO-PSO MAPPIN	G			
Course Outcome	PO1	PO2	PO3	PO4	PO5 .	PO6	P07	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
C01	3.	3	*2	3	1	2	2	2	3	1	3	C01	1	1	2	1
C02	3	3	3	3	1	2	2	1	2	1	3	C02	1	2	1	1
C03	3	3	3	3	2	2	2	2	3	-1	3	C03	1	1	1	1
C04	3	3	.3	3	2	2	3	1	2	-	3	C04	1	1	1	2
C05	3	3	13	3	3	3	3	3	3	1	3	C05	1	1	1	1
AVERAGE	3	3	2.8	3	1.8	2.2	2.4	1.8	2.6	0.8	3	AVERAGE	1	1.5	1.5	1.5
BP404T PHAR	MACOLO	GYI		н.		N.				"						
CO-PO MAPPING	1	Luca	T	1	1000	1 2	Tara		Two as	1 2 2 2 2	Lance	CO-PSO MAPPIN	_		Twee -	
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
C01	3	1	0	0	1	2	1	2	1	0	1	C01	3	3	3	2
C02	3	0	0	1	1	1	0	1	1	0	1	C02	3	3	3	2
C03	3	0	0	1	1	1	0	1	1	0	1	C03	3	3	3	2
C04	3	0	0	Au	TIM	1	0	1	1	0	1	C04	3	3	3	2
AVERAGE	3	0.25	0 /	0.75	0.79	1,25	0.25	1.25	1	0	1	AVERAGE	3	3	3	2
			MANA	1000	OZHIW.ODE	EGE OF PARA	4						Na	tional Mana:	PRING Colleg	SHPAI e of F



CO-PO MAPPING		NOSY A				W. E 83 K.						CO-PSO MAPPE	NG			
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO4
C01	3	3	3	3	1	1	1	1	1	0	1	C01	1		2	-
C02	3	3	3	3	1	1	1	1	1	2	1	C02			1	
C03	3	3	3	3	1	1	1	1	1	1	1	C03	2	1	2	
C04	3	3	2	3	1	1	1	1	3	1	1	C04	2	1	2	
AVERAGE	3	3	3	3	1	1	1	1	1.5	1	1	AVERAGE	1.25	0.5	1.75	
BP406P MEDI	CINAL CI	HEMIS	TRYI	111												
CO-PO MAPPING				THE								CO-PSO MAPPI	NG			
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO4
C01	2	2	0	2	1	2	2	1	2	1	3	C01	2	-	3	
C02	2	0	2	2	0	2	2	1	2	2	3	C02	2		2	
C03	2	0	2	2	1	2	2	1	2	0	3	C03	1.		2	
C04	2	2	2	3	2	2	2	1	0	1	3	C04	1	-	2	
AVERAGE	2	1	1.5	2.5	1	2	2	1	1.5	1	3	AVERAGE	1.5	-	2.25	
BP407P PHYS	ICAL PHA	RMAC	EUTIC	CS II												
CO-PO MAPPING				Alada a				-1.1		100		CO-PSO MAPPI	NG	10	00	
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POII	CO	PSOI	PSO2	PSO3	PSO4
C01	3	2	2	2	2	2	I	1	2	-	3	C01	1		2	
C02	3	3	3	2	2	2	2	2	2	2	3	C02	-		2	
C03	3	2	2	1	2	2	1	1	2	-	3	C03	1			
C04	3	2	2	-2	2	2	2	2	1		3	C04	2	2		
AVERAGE	3	2.25	2.25	1.75	2	2	1.5	1.5	1.75	0.5	3	AVERAGE	1	0.5	1	-
BP408P PHAR	MACOLO	GYI		THE PARTY									_	1111		-
CO-PO MAPPING				9.1								CO-PSO MAPPE	NG			
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	CO	PSOI	PSO2	PSO3	PSQ4
C01	2	0	0	1	0	0	2	0	0	1	1	C01 /	20		1	1

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C02	2	1	0	3	0	0	0	0	0	1	1	C02	2		3	
C03	2	1	0	3	0	0	0	0	0	1	1	C03	2	-	2	
C04	2	1	0	3	0	0	0	0	0	1	1	C04	2		2	
AVERAGE	2	0.75	0	2.5	0	0	0.5	0	0	1	1	AVERAGE	2		2.5	
BP409P PHAI	RMACOGN	NOSY A	ND PI	TYTOC	HEMI	STRY	I								1	
CO-PO MAPPING				1973.1								CO-PSO MAPPE	NG			
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO4
C01	3	3	3	3	2	1	3	1	1	2	3	C01	1		1	
C02	3	3	3	3	2	1	3	1	2	2	3	C02	1			-
C03	3	3	3	3	2	2	3	1	2	2	3	C03	2			
C04	3	3	3	3	2	1	3	1	1	2	3	C04	2	2	2	1
AVERAGE	3	3	3	3	2	1.25	3	1	1.5	2	3	AVERAGE	1.5	0.5	0.75	0.25
FIFTH SEM	IESTER															
BP501T MED	ICINAL C	HEMIS	TRYI	1												
CO-PO MAPPING							,					CO-PSO MAPPE	NG			
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POII	CO	PSO1	PSO2	PSO3	PSO4
C01	2	2	0	2	1	2	2	1	2	1	3	C01	2	2	1	1
C02	2	0	2	2	0	2	2	1	2	2	3	C02	1	1	1	-
C03	2	0	2	2	1	2	2	1	2	0	3	C03	1	1	1	
C04	2	2	2	3	2	2	2	1	0	1	3	C04	2	2	1	
AVERAGE	2	1	1.5	2.25	1	2	2	1	1.5	1	3	AVERAGE	1.5	1.5	1	0.25
BP502T FORM	MULATIVI	E PHAR	RMAC	Y	11111											
CO-PO MAPPING				1311	11900							CO-PSO MAPPI	NG			
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	co	PSO1	PSO2	PSO3	PSO4
C01	2	3	2	1	1	1	1	1	1	1	1	C01	2		1	1
C02	3	1	1	2	1	3	3	3	3	1	2	C02	2		1	
C03	3	1	1		1	3	3	3	3	1	1	C03	2		2	A
C04	3	2	1	2	2	3	3	3	3	1	2	C04	2		2/	COL
CO5	3	1	2	2	2	2	2	3	3	2	2	C05	_2 ,		2//-	11.
												National	RINCI	Was	110N	1 0



PO10 PO11  0 1 0 1 0 1	CO-PSO MAPPINO CO COI COI CO2		PSO2 P	PSO3 PSO4
0 1 0 1	CO CO1	PSOI		PSO3 PSO4
0 1 0 1	C01			PSO3 PSO4
0 1		3	2	
// //	C02		2	3 2
0 1		3	3	3 2
	C03	3	2	3 2
0 1	C04	3	2	3 2
0 1	AVERAGE	3	2.5	3 2
		Name and Address of the Owner, where		Section 1
PO10 PO11	CO	PSOI	PSO2 P	PSO3 PSO4
2 3	C01	2	1	2 1
- 3	C02	2	1	1 1
1 3	C03	2	1	2 1
1 3	C04	1	1	1 1
1.25 3	AVERAGE	1.75	1	1.5 1
	-	0 11		
PO10 PO11	CO	PSO1	PSO2 P	PSO3 PSO4
1 1	C01	-	2 -	1
	C02	-	2 -	. 1
22	C03		1 -	- 1
	C04		1 -	. 1
	AVERAGE	-	1.5 -	- 1
1.0 0.00				
	CO-PSO MAPPINO	î		
	L COLLON THE PRINT			PSO3 PSO4
	- 3 1 3 1 3 1.25 3	PO10 PO11 CO  2 3 C01 - 3 C02 1 3 C03 1 3 C04 1.25 3 AVERAGE  CO-PSO MAPPINO PO10 PO11 CO 1 1 C01 1 2 C02 2 3 C03 2 3 C04	2 3 C01 2 - 3 C02 2 1 3 C03 2 1 3 C04 1 1.25 3 AVERAGE 1.75    CO-PSO MAPPING	PO10



C01	2	3	2	1	1	1	1	1	1	1	1	C01	2		2	T
C02	3	1	1	2	1	3	3	3	3	1	2	C02	2		1	Ť
C03	3	1	1	1	1	3	3	3	3	1	1	C03	2	-	1	T
C04	3	2	1	2	2	3	3	3	3	1	2	C04	2		1	Ť
AVERAGE	2.75	1.75	1.25	1.5	1.25	2.5	2.5	2.5	2.5	1	1.5	AVERAGE	2		1.25	
BP507P PHAR	MACOLO	GYII	11			1							100	2 1		1
CO-PO MAPPING								1				CO-PSO MAPPI	NG		W	
Course Outcome	POI	PO2	PO3	PO4	P05	PO6	P07	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	
C01	.2	0	1	3	1 ,	1	1	0	1	0	2	C01	2	-	2	
C02	2	0	1	3	1.	1	1	0	1	0	2	C02	2		2	Ť
C03	2	0	1	3	1	1	1	0	1	0	2	C03	2		2	t
C04	2	0	1	3	1	1	1	0	1	0	2	C04	2	-	2	Ť
AVERAGE	2	0	1	3	1	1	1	0	1	0	2	AVERAGE	2		2	Ť
BP508P PHAR	MACOGN	OSY A	ND PE	IYTOC	HEMIS	STRY	11		- 43							
CO-PO MAPPING									KT	U.Th.		CO-PSC MAPPI	NG			
Course Outcome	P01	PO2	PO3	P04	PO5	PO6	P07	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	
C01	2	2	1	1		14	1		2	2	3	C01	1		1	
C02	2	2	1	-	-		1	-	2		3	C02	2	-	1	
C03	2	2	2				1		2	1	3	C03	2		2.	
C04	2	2	1.		-	1.	1		2	1	3	C04	2	2	2	
AVERAGE	2	2	1	0.25	0	0	1	0	2	1	3	AVERAGE	1.75	0.5	1.5	
SIXTH SEM	ESTER						1 4					Lancació A describe		100000	1	
BP601T MEDI		TEMIC	TDVII	T												-
CO-PO MAPPING	CINAL CI	IEMIIS	INIII	1		-			-	-		CO-PSO MAPPI	NC.			_
Course	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	P09	PO10	PO11	CO-130 MAITI	PSO1	PSO2	PSO3	T
Outcome						100									1.000	
C01	2	2	0	2	1	2	2	1	2	1	3	C01	3		3	
C02	2	0	2	2	0	2	2	1	2	2	3	C02	2	*	3	
C03	2	0	2	2	1	2	2	1	2	0	3	C03	3	2	2	
C04	2	2	2	3	2/	-121	5021		0	1	3	C04	2		2	



AVERAGE	. 2	1	1.5	2.25	1	2	2	1	1.5	1	3	AVERAGE	2.5	0.5	2.5	0.25
BP602T PHAR	MACOLO	GY III	li T								13					
CO-PO MAPPING												CO-PSO MAPPIN	1			
Course Outcome	PO1	PO2	PO3	PO4	PO5 .	P06	P07	P08	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
. C01	3	0	0	2	1.	1	0	1	1	0	1	C01	3	2	2	2
C02	3	0	0	2	1	1	0	1	1	0	1	C02	3	1	2	2
C03	3	0	0	2	1	1	0	1	1	0	1	C03	3	1	2	2
C04	3	0	0	2	1	1	0	1	1	0	1	C04	3	1	2	2
AVERAGE	3	0	0	2	1.	1	0	1	1	0	1	AVERAGE	3	1.25	2	2
BP603T HERB	AL DRUG	TECH	NOLO	OGY												
CO-PO MAPPING				,								CO-PSO MAPPIN				
Course Outcome	PO1	PO2	P03	P04	PO5	P06	P07	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01	1	1	1	2			1		1	3	2	C01	3	1	2	1
C02	3	3		3		2	2		3		- 3	C02	_ 3	2	1	2
C03	3	1	2	3	7/2/	.1	1		1	2	3	C03	3	2		1
C04	3.		÷.			-			3	1	2	C04	2			
AVERAGE	2.5	1.25	0.75	2	0	0.75	1.0	0	2	1	2.5	AVERAGE	2.75	1.25	0.75	1
BP604T BIOPH	ARMACE	UTIC	SAND	PHAR	MACO	KINE	TICS									
CO-PO MAPPING												CO-PSO MAPPIN	G			
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POII	CO	PSO1	PSO2	PSO3	PSO
C01	3	2	3	2		3	2		2	-	3	C01	2	•	2	1
C02	3	1	2	2	;	3	1	•	3	+	3	C02	2	٠	2	
C03	3	2	3	2	-	3	2		3		3	C03	2	•	2	
C04	3	2	3	2	1,51	3	2	5	3	-	3	C04	2	•	1	•
AVERAGE	3	1.75	2.75	2	-	3	1.75		2.75		3	AVERAGE	2		1.75	0.25
BP605T PHARI	MACEUTI	CALE	HOTE	CHNO	EOGY	1									1	1
CO-PO MAPPING			//	9	1	4						CO-PSO MAPPIN	G		11-	2
			NATION	KOZ 67	HIKODE 3602	HARMACE							N	ations	PRH	de d



Course	PO1	PO2	P03	PO4	P05	P06	P07	PO8	P09	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
Outcome	1111						1777									
C01	3	3 .	2	3	2	2	1	2	2	2	3	C01	3		2	
C02	3	2	2	3	3	2	2	3	1	1	3	C02	3		2	-
C03	3	2	2	2	3	2	3	3	2	1	3	C03	2		1	
C04	3	1	1	2	2 .	2	2	2	2	1	3	C04	3	-	2	-
AVERAGE	3	2	1.75	2.5	2.5	2	2	2.5	1.75	1.25	3	AVERAGE	2.75		1.75	
BP606T QUAL	LITYASSI	URANC	E													
CO-PO MAPPING								10				CO-PSO MAPPIN	IG			
Course Outcome	POI	PO2	P03	P04	P05	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01	38	2	2	3		1	2	3		1	2	C01	3	2 ·	1	1
C02	1 //	2	3		1	2	3	2	2	3	- 1	C02	2	2	1	1
C03	2	1	2	3	2	2	3	2	2	3	-	C03	3	1	2	1
C04	3	2	2	3		1	2	3		1	2	C04	3	1	2	1
AVERAGE	2.25	1.75	2.25	2.25	0.75	1.5	2.5	2.5	1	2	1	AVERAGE	2.75	1.5	1.5	1
BP607P MEDI	CINAL C	HEMIS'	TRYII	I												
CO-PO MAPPING					000		4					CO-PSO MAPPIN	IG			
Course Outcome	POI	PO2	P03	PO4	PO5	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01:	2	2	0	2	1	2	2	1	2	1	3	C01	2	1	2	
C02	2	0	2	2	0	2	2	1	2	2	3	C02	2	2	2	
C03	2	0	2	2	1	2	2	1	2	0	3	C03	2	2	2	
C04	2	2	2	3	2	2	2	Ī	0	1	3	C04	2	2	2	
AVERAGE	2	1	1.5	2.25	1	2+	- 2	- 1	1.5	1	3	AVERAGE	2	1.75	2	
BP608P PHAR	RMACOLO	)GY III		The	T#											
CO-PO MAPPING	T		T and a	I water	Toward to	Lance	Lavers		Te sales	I DOLLAR DE LA CONTRACTION DEL CONTRACTION DE LA	T and a second	CO-PSO MAPPIN	-		Lyconori	
Course Outcome	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO
C01	2	0	1	3	1	1	-1	0	1	0	2	C01	2	1.00	1	7.
C02	2	0	1	3	1	1	Shi	EGE	1	0	2	C02	2		. 1	-
C03	2	0	1	3	1	1/	14	0	50 /	0	2	C03	2		7	F
						MATION	KOZ 67	HIKOD 3602	PHARMAC					1/2	college serv.	PAL



AVERAGE DRCOOD HEDDA	. 2	0	1	3	1	1	1	0	1	0	2	C04	2		1	
DDCOOD HEDD A	2	0	1	3	1	1	1	0	1	0	2	AVERAGE	2	(*)	0.75	-
Brouge HERBA	LDRUG	TECH	NOLC	GY												
CO-PO MAPPING												CO-PSO MAPPIN	G			
Course Outcome	PO1	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	СО	PSOI	PSO2	PSO3	PSO4
C01	3	2	1		-	1	1	-	2	1	2	C01	1	-		
C02	3	2	-	1		1			2		3	C02	1		-	
C03	3	_ 2	1	2	-	2	*		2		3	C03	1	194		
C04	3	1		2		1	-1		1		2	C04	1		-	
AVERAGE	3	1.75	0.5	1.25	0 -	1.25	0.5	0	1.75	0.25	2.5	AVERAGE	Ì			
SEVENTH SE	EMESTE	CR														
BP701T INSTRI			HODS	OFA	VALYS	IS							_			-
CO-PO MAPPING	J. H. L.	D.,,113.	HODE	7 04 141	TALLE	a.C.		_				CO-PSO MAPPIN	G		_	TA
Course Outcome	PO1	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO4
C01	3	3	3	3	1	2	1	1			3	C01	3		2	
C02	3	1	2	3	1	2	1	2	1		3	C02	3		2	2
C03	3	3	3	3	2	3	1	1	1	1	3	C03	3		3	
C04	3	3	3	3	2	3		2			3	C04	3		2	
AVERAGE	3	2.5	2.75	3	1.5	2.5	0.75	1.5	0.5	0.25	3	AVERACE	3	-	2.25	0.5
BP702T INDUS	TRIAL PI	IARM	ACY	1				1	V.0	VIII.					2000	7/50
CO-PO MAPPING				-		_	1	-			-	CO-PSO MAPPIN	G		*	
Course Outcome	PO1	PO2	PO3	PO4	PO5	P.06	P07	P08	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
	3	3	3	2	2	2	1	2	2	1	3	C01	3	2	2	1
C01	3	. 2	-2	1	2	2	2	2	2	1	3	C02	3	2	2	1
C01 C02	3	2	3	1	2	2	3	2	2	1	3	C03	3	2	3	1
	4	2	2	3	3	2	2	2	1	2	3	C04	3	2	2	1
C02	3		2.5	1.75	2.25	2	2	2	1.75	1.25	3	AVERAGE	3	2	2.25	1
C02 C03	100	2.25	2.5												1	
C02 C03 C04 AVERAGE	3	2.25														
C02 C03 C04	3	2.25										CO-PSO MAPPIN	G			
COL	3	2 2	3 2	1 1 3	2 2	2 2 2	3 2	2 2 2	2	1	3 3	C02 C03 C04	3 3	2 2 2	2	



Outcome																
001										-						
C01	2	2	2	3	2	2	3	3	2	2	2	C01	3	2	3	3
C02	2	3	2	2	2	3	2	2	3	1	2	C02	3	2	3	3
C03	1	2	2	3	2	2	3	2	2	3	2	C03	3	2	3	3
CO4	3	2	3	2	2	2	2.05	2	2	3	2	C04	3	2	3	3
AVERAGE	2	2.25	2.25	2.5	2	2.25	2.25	2.25	2.25	2,25	2	AVERAGE	3	2	3	3
BP704T NOVEL	DRUG D	ELIVI	ERYS	YSTEM								00 000 14: 000				
CO-PO MAPPING Course	P01	PO2	PO3	P04	P05	P06	PO7	PO8	P09	PO10	PO11	CO-PSO MAPPIN	PSO1	PSO2	PSO3	PSC
Outcome	#	104	100	101	103	100	107	100	107	1010	1011	CO	1301	1002	1303	130
C01	3	3	3	3	1	2	3	2	3	1	3	C01	3		2	-
C02	3	3	3.	3	2	2	3	2	3	1	3	C02	3	(w)	2	1
C03	3	3	3	3	2	2	3	2	3	1	3	C03	3		2	
C04	3	3	3	3	2	2	3	2	3	1	3	C04	3		3	
C05	3	3	3	3	2,	2	3	2	3	1	3	C05	3	(	3	
AVERAGE	3	3	3	3	1.8	2	3	2	3	1	3	AVERAGE	3	(*)	2.4	-
BP705P INSTRI	JMEN,TAI	LMET	HODS	OFAN	ALYSI	S										100
CO-PO MAPPING												CO-PSO MAPPIN				
Course Outcome	PO1	PO2	PO3	P04	P05	PO6	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSC
C01	3	1	,3	3	1	1	-3	2	3	2	1	C01	3		3	
C02	3	1	1	2	2	1	3	1	2	1,	1	-, C02	3		3	-
C03	3	1	1	1	1	1	2	1	1	1	1	C03	3	100	3	
- 006	3	1	1	1	1	1	2	1	1	1	1	C04	3	(*)	3	
2 C04	3	1	1.5	1.75	1.25	1	2.5	1.25	1.75	1.25	1	AVERAGE	3		3	-
AVERAGE	3															
AVERAGE													_	_		-
AVERAGE EIGHTH SEN	<b>TESTER</b>		RESEA	RCH	METHO	DOL	OGY									
AVERAGE	<b>TESTER</b>		RESEA	ARCH N	METHO	DOL	OGY					CO-PSO MAPPIN	G			
AVERAGE EIGHTH SEM BP801T BIOSTA CO-PO MAPPING Course	<b>TESTER</b>		RESEA PO3	RCH N	METHO	PO6	OGY P07	PO8	PO9	PO10	POII	CO-PSO MAPPIN	G PSO1	PSO2	PSO3	PSC
AVERAGE EIGHTH SEN BP801T BIOSTA CO-PO MAPPING Course Outcome	MESTER ATISTICS POI	AND I	PO3	PO4	P05	P06	P07					СО	PSO1	PSO2	PSO3	PSC
AVERAGE EIGHTH SEN BP801T BIOSTA CO-PO MAPPING	MESTER ATISTICS	AND I		P04				PO8 2 2	PO9	PO10 2 2	PO11 3 3 3		_	PSO2	PS03	PSC -

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C03	3	3	3	3	2	2	3	2	2	1	3	C03	2			
C04	3	3	3	3	2	1	3	2	1	0	3	C04	2			
AVERAGE	3	3	3	2.75	2	2.25	2.75	2	1.5	1.25	3	AVERAGE	2		0.25	
BP802T SOCIA	ALAND P	REVEN	TIVE	PHAR	MACY										1,	
CO-PO MAPPING												CO-PSO MAPPIN	G			
Course Outcome	PO1	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01	2	2	2	2	2	3	2	2	2	2	2	C01	3	3	3	3
C02	2	2	//80	2	2	3	1	2	2	1	1	C02	3	3	3	3
C03	2	2	2	2	- ,	2	2	2	2	2	1	C03	3	3	3	3
C04	2	2	2	2	2	2	2	2	2	2	1	C04	3	3	3	3
AVERAGE	2	2	1.5	2	1.5	2.5	1.75	2	2	1.75	1.25	AVERAGE	3	3	3	3
BP805ET PHA	RMACOV	IGILA	NCE													
CO-PO MAPPING	1 004			1001	1 000	l no/	Luca		l maa	Lene		CO-PSO MAPPIN	-	1000	1	1
Course Outcome	PO1	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01	2	3	2	2	1	2	2	3	2	2	2	C01	2	3	3	3
C02	2.	1	2	1	3	2	1	2	2	2	2	C02	2	3	3	3
C03	3	3	2	3	3	2	3	2	3	1	2	C03	2	3	3	3
C04	2	2	2	2	2	2	2	2	2	3	2	C04	2	3	3	3
AVERAGE	2.25	2.25	2	2	2.25	2	2	2.25	2.25	2	2	AVERAGE	2	3	3	3
BP806ET QUA	LITY CO	NTROL	AND	STAND	ADISA	TION	OF HI	CRBS								
CO-PO MAPPING	nor	nos	nos	801	nos	no.	l now	200	700	POLO	nous	CO-PSO MAPPIN		7000	2000	naa
Course Outcome	PO1	PO2	PO3	PO4	P05	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01	3	2	3	3	2 .	2	2	2	2	2	2	C01	2	1		-
C02	3	2	3	3	2	2	2	2	2	2	2	C02	2	1	•	•
C03	3	1	3	2	2	3	3	3	3	1	1	C03	2	1	-	*
C04	3	2	3	3	2	2	2	2	2	2	2	C04	2	1		
AVERAGE	3	1.75	3	2.75	2	2.25	2.25	2.25	2.25	1.75	1.75	AVERAGE	2	1		
BP808ET CEL				BIOLO	GY								37:			.01
CO-PO MAPPING		EOFA								Lau .		CO-PSO MAPPIN		1-	PT.	4)
Course	P01	P02	1311	P04	P05	P06	P07	P08	PO9	PO10	P011	CO	PSOI	PSO2	PSO3	PSO
	STOWAL C	ZHIKOD 673602	E SEC											1	PAHNO	CIPA e of Kozi

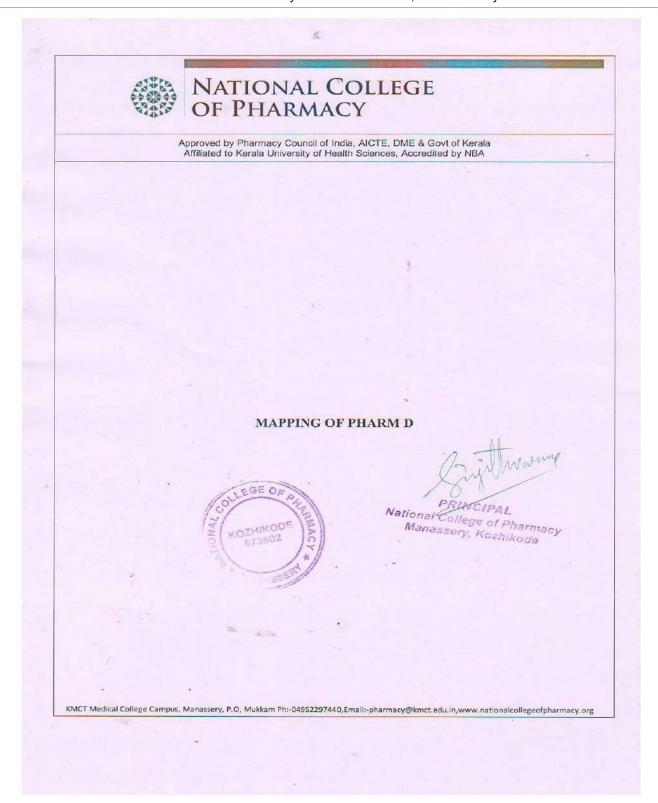


Outcome	100			1												
C01	2	1	1	2		1	2	2	2	1	2	C01	2	-		-
C02	2	1	1	2		1	2	2	2	1	2	C02	2			
C03	2 '	1	1	2		1	2	2	2	1	2	C03	2			
C04	2	1	1	2	-	1	2	2	2	1	2	C04	2			
AVERAGE	2	1	1	2		1	2	2	2	1	2	AVERAGE	2			
BP809ET COS	SMETIC SO	CIENCI	E		di .			1								
CO-PO MAPPING												CO-PSO MAPPE	NG			
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO
C01	3	2	3	3	2	2	2	2	3	2	- 2	C01	3	2	3	1
C02	13	2	3	3	2	2	2	2	3	2	2	C02	3	2	3	1
C03	3	2	3	3	2	3	3	2	2	1	2	C03	3	3	2	1
C04	3	2	3	3	2	2	2	2	3	2	2	C04	3	3	2	1
AVERAGE	3	2	3	3	2	2.25	2.25	2	2.75	1.75	2	AVERAGE	3	2.5	2.5	1
BP811ET ADV	ANCED IN	STRU	MENT	ATION	TECH	NIOU	ES							I SON	L AU	
CO-PO MAPPING		STATE OF THE PARTY	Septbooks									CO-PSO MAPPI	VG	_		
Course Outcome	PO1 '	PO2	P03	P04	PO5	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO
C01	3	1	3	3	i	1	3	2	3	2	1 -	C01	3	2	3	
C02	-3	1	1,1	2	2	1	3	1	2	-1	- 1	C02	3	2	3	
C03	3	1	1	1	1	1	2	1	1	1	1	C03	3	2	2	
C04	3	1	1	1	1	1	2	1	1	1	I	C04	3	1	2	-
AVERAGE	3	1	1.5	1.75	1.25	1	2.5	1.25	1.75	1.25	1	AVERAGE	3	1.75	2.5	



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CO-POMAPPING										CO-PSOMAP	PING			
Course Outcome	PO1	PO2	PO3	PO4	P05	PO6	P07	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3		2	•	1	2	2	1	2	C101	3		2	1
C102	2		2	.:	1	1	2	3	1	C102	2	2	1	2
C103	3	1	1	. 1	1	1	•	3	3	C103	2	3	2	. 2
C104	1	-	1	2	2	3	1	1	1	C104	1	2	3	2
C105	3	3	2	3	3	1	1	2	1	C105	2	2	2	2
C106	3	1	1	2	9	1	1	1	1	C106	2	1	3	1
AVERAGE	2.5	0.83	1.5	1.3	1.3	1.5	1.16	1.8	1.5	AVERAGE	2	1.6	2.1	1.
HUMAN AN	ATOM	IY AN	D PH	YSIO	LOGY	PRAC	CTICA	L-1.1						
CourseOutcome	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3	2	2	3	3	2	2	3	1	C101	3	2	2	3
C102	3	1	1	2	2	1	2	1	3	C102	2	3	1	2
C103	,3	1	2	3	1	1	3	3	1	C103	3	2	2	2
C104	2	/ 2	3	1	3	2	2	2	3	C104	2	2	3	1
C105	3	1	3	3	2	2	3	1	2	C105	1 3	2	1	3
C106	2	2	1	3	2	3	3	2	2	C106	2	3	3	2
AVERAGE	2.6	2	2.5	2.5	2.1	1.8	2.5	2	2	AVERAGE	2.5	2.3	2	2.
PHARMACE	UTIC	S TH	EORY	1.2										
CourseOutcome	P01	PO2	PO3	PO4	PO5	PO6	P07	PO8	P09	CO	PS01	PSO2	PSO3	PSO4
C101	3	3	2	1	2	2	1	3	2	C101	3	3	3	3
C102	3	3	-	2	1	1	2	FGE	1	C102	3	2	2	3

C103	3	3	1	1	3	-	2	2	1	C103	2	3	3	3
C104	2	1	2	2	2	2	1	2	3	C104	3	3	3	3
C105	3	3	3	-2	3	1	2	2	2	C105	3	3	2	3
C106	2	2	1	1	2	2	1	1	2	C106	2.8	2.8	2.6	3
AVERAGE	2.6	2.6	1.8	1.5	2.1	1.6	1.5	2	1.8	AVERAGE	3	3	3	3
- PHARMAC	EUTIC	S PR	CTIC	CAL 1.	2	7								
CourseOutcome	PO1	PO2	PO3	P04	PO5	PO6	P07	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3	2	2	1	2	2	1	3	2	C101	3	3	3	3
C102	3	2	1	2	3	1	2	1	1	C102	3	3	3	3
C103	3	3	1	1	3	1	2	2	1	C103	2	3	3	3
C104	2	1	2	2	2	2	1	3	3	C104	3	3	3	3
C105	3	3	3	2	3	2	2	2	2	C105	2	2	2	3
C106	2	2	1	1	2	2	1	1	3	C106	2.6	2.8	2.8	3
AVERAGE	2.6	2.1	1.6	1.5	2.5	1.6	1.5	2	2	AVERAGE	3	3	3	3
MEDICINA	L BIO	CHEN	IISTR	Y TH	EORY	1.3								
CourseOutcome	PO1	PO2	PO3	P04	PO5	PO6	P07	PO8	P09	CO	PSO1	PSO2	PSO3	PSO4
C101	2	1	1	1	2	1	3	1	2	C101	2	2	2	3
C102	3	1	3	2	1	2	2	2	1	C102	3	2	2	3
C103	19	.2	1	3	- 1	2	1	2	2	C103	2	3	3	3
C104	2	2	2	2	3	2	2	1	2	C104	3	2	1	2
C105	3	3	3	1	-1	3	1	2	- 1	C105	2	3	3	2
C106	2	1	1	1	- 2	1	2	1	1	C106	2	2	2	1
	2.1	1.6	1.8	- 1.6	1.6	1.8	1.8	1.5	1.6	AVERAGE	2.3	2.3	2.1	2.3
AVERAGE	2.1	1.0	11.0	440	4.0		A.v.							1000



	PO1	PO2	PO3	P04	P05	P06	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3	3	3	. 2	2	2	2	2	2	C101	1	2	2	1
C102	3	2	2	2	2	2	2	2	2	C102	2	3	2	2
C103	3	3	3	2	2	2	2	2	2	C103	3	3	2	2
C104	3	3	3	2	2	3	3	3	3	C104	1	2	2	1
C105	3	3	3	2	2	2	2	2	3	C105	2	2	3	2
C106	3	3	3	- 2	2	3	3	3	3	C106	2	2	1	2
AVERAGE	3	2.8	2.8	2	2	2.3	2.3	2.3	2.5	AVERAGE	1.8	2.3	2	1.6
PHARMACE	UTIC	AL O	RGAN	VIC CI	немі	STRY	THE	RY 1	.4					
CourseOutcome	PO1	PO2	P03	PO4	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3	2	3	. 2	3	1	1	1	1	C101	2		2	2
C102	3	3	2	2	2	2	2	2	2	C102	3	3	3	3
C103 *	-3	2	2	2	3	3	2	1	I	C103	2	2	2	1
C104	2	2	3	2	2	2	2	1	1	C104	3	3	2	3
C105	2	3	3	3	3	2	2	2	2	C105	2	3	3	3
AVERAGE	2.6	2	2.6	2.2	2.6	2	1.8	1.4	1.4	AVERAGE	2.4	2.2	2.4	2.4
PHARMACE	UTIC	AL O	RGAN	VIC CI	HEMI	STRY	PRAC	TICA	L 1.4					
CourseOutcome	P01	PO2	P03	PO4	PO5	PO6	PO7	PO8	P09	СО	PSO1	PSO2	PSO3	PSO4
C101	3	3	2	2	, 3	2	1	1	1	C101	2	1	3	3
C102	3	2	3	. 1	2	2	2	2	2	C102	3	1	3	3
C103	3.	3	3	3	2	3	2	2	2	C103	2	1	3	3
			100	- 0			2	- 1	1	CINA	3	2		3
C104	2	2	3	3	2	3	2	1	1	C104	3	2	3	2



PHARMACE CourseOutcome	2.83 UTIC. P01	2.66 <b>AL IN</b>	2.5	2.5			300	1	1	C106	3	2	2	2
CourseOutcome	1000000	AL IN	STATES AND DESIGNATION.		2.3	2.66	2	1.5	1.5	AVERAGE	2.83	1.5	2.66	2.66
	PO1		ORG	ANIC	CHE	MISTE	YTH	EORY	1.5	الالماكات		1		
C101		PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
Civi	3	3	3	3	1	2	1	1	+	C101	1	2	1	2
C102	3	1	2	3	1	2	1	2	1	C102		*	1	
C103	3	3	3	- 3	2	3	1	1	1	C103	2	٠	2	2
C104	3	3	3	3	2	3	*	2	*	C104	1	2	1	3
C105	3	2	2	1	3	2	3	2	2	C105	1	1	2	1
AVERAGE	3	2.4	2.6	2.6	1.8	2.4	1.4	1.8	0.8	AVERAGE	1	1	1.4	1.6
PHARMACEI	UTIC	AL I	VORG	ANIC	CHE	MIST	RY PR	ACTI	CAL					
CourseOutcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	co	PSO1	PSO2	PSO3	PSO4
C101 '	1	2	2	1	1	2	1	1		C101	1	3	2	2
C102	-	1	2		1	4	1		1	C102	*		1	*
C103	2	¥6.	-	1	2	2	1	-	1	C103	2	•	2	2
C104	3	2	1	2	-	2		110			1110	1		- 2
	- 0		10.00	112		3	-	1	2	C104	(#)·	1	1	2
C105	2	1	1	1	1	1	2	1	2	C104	1	1	2	1



SECONDYEAR														
PATHOPHY	SIOLO	)GY	THE	DRY-2	2.1			0.11			100			
Course Outcome	POI	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	2	3	3	2	1	2	1	3	3	C101	3	2	2	1
C102	3	2	3	2	1	2	1	2	3	C102	2	2	2	2
C103	3	2	3	- 2	1	2	2	3	2	C103	2	3	2	2
C104	3	2	3	- 3	1	3	2	3	3	C104	2	2	3	2
C105	3	2	3	2	180	3	2	3	3	C105	2	2	2	2
C106	2	3	2	2	1	2	2	3	3	C106	2	2	3	1
AVERAGE	2.6	2.3	2.8	2.1	0.83	2.3	1.6	2.8	2.8	AVERAGE	2.1	2.1	2.3	1.0

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P	HARMACEU		AL M	ICRO	BIOL	OGY	THEO	RY 2.	2		111111					
	ourseOutcome	PO1	PO2	PO3	P04	P05	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	
	C101	3	2	3	2	2	3	3	3	2	C101	3	2	3	2	
	C102	3	2	3	2	2	3	2	3	3	C102	3	2	3	3	
	C103	3	3	3	2	3	3	2	2	2	C103	3	2	3	3	
	C104	3	2	3	- 3	3	3	2	3	3	C104	3	2	3	3	
	C105	3	2	3	3	2	3	2	3	3	C105	3	2	3	3	
	C186	3	3	3	3	2	3	3	3	3	C106	3	2	3	3	
	AVERAGE	3	2.3	3	2.5	2.3	3	2.3	2.8	2.3	AVERAGE	3	2	3	2.8	
The second secon	HARMACEU	TIC	AL M	ICRO	BIOL	OGY	PRAC	TICA	L 2.2							
C	ourseOutcome	PO1	PO2	PO3	. PO4	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	
	C101	3	3	3	2	2	2	2	2	2	C101	3	2	2	2	
	C102 *	3	2	2	2	2	2	2	2	2	C102	3	2	2	2	3
11 - 1 - 1	C103	3	3	3	2	2	2	2	2	2	C103	3	2	2	2	
	C104	3	3	3	2	2	3	3	3	3	C104	3	3	3	3	
	C105	3	3	3	2	2	2	2	2	3	C105	3	2	2	2	
	C106	3	3	3	2	2	3	3	3	3	C106	3	3	3	2	
	AVERAGE	3	2.8	2.8	2	2	2.3	2.3	2.3	2.5	AVERAGE	3	2.3	2.3	2.1	
3	PHARMACOC	GNOS	YAN	ND PH	YTO	PHAR	MACE	UTIC	ALS	THEC	The second secon					
C	ourseOutcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	
	C101	2	1			-	1	-	12	-	C101	1	2	1	2	
	C102	2	2	1		•	1		•	-	C102	-		1		
	C103	2	1	1	-	-	1	1	-	11	C103	2		2	2	
The state of the s	C104	3	1	1			-1	-		Poll	CI04	1	2	1	PRINCI I Collegi Industry	1-



C105	2	1	1	ð:		1	1	12		C105	1	1	2	1	
C106	2	2	1	, .		1	100	2		C106	2	1	2	3	
AVERAGE	2.1	1.3	0.83			1	0.33		7	AVERAGE	1.1	1	1.5	1.8	
PHARMA	COGNO	SY AN	D PH	YTOI	PHAR	MACE	UTIC	ALS I	PRAC						
CourseOutcome	P01	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	
C101	1		1	1	*	-			1	C101	1	2	1	2	
C102	1		2	1		-	\ • ·	10	1	C102			1		
C103	1		1	1	*	H.	500	(#)	1	C103	2		2	2	
C104	1		1	1	*	+		19.	1	C104	1	2	1	3	
C105	1	100	1	1	*	-	(*)		1	C105	1	1	2	1	
AVERAGE	1		1	, 1		*	(0)		1	AVERAGE	0.83	0.83	1.16	1.3	
PHARMA	COLOG	Y-I TI	HEOR	Y 2.4											
CourseOutcome	PO1	PO2	P03	PO4	P05	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	7
C101		1	2	2		3	3			C101	1	1			
C102		3	2	2		3	3			C102	1	1			
C103	-	3	2	2	92	3	3	1.50	-	C103	2	1			
C104		3	2	2		3	3	/		C104	2	1	- 1	-	
C105		3	2	2		3	3	(*)		C105	2	1			
C106	-	3	2	2		3	3	170	3.58	C106	2	1			
AVERAGE		2.83	2	2		3	3	7.0		AVERAGE	1.6	1-			
COMMUN	ITY PH	ARM.	ACY	THEO	RY 2.5										
CourseOutcome	POI	PO2	PO3	P04	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PS03	PSO4	

C102	2	3	2	1	2	3	2	(*)	1	C102	2	3	1	1	
C103	3	1	-	// <b>a</b> es	-					C103	3	3	1	2	
C104	-		-			•	•	•		C104	1	3	2	3	
C105			*					*	(0)	C105	2	1	2	2	
C106	3	1		3	2	2		30	1	C106		3	*	1	
AVERAGE	1.8	1.3	0.3	0.8	1.16	1.16	0.3	•	0.5	AVERAGE	1.8	2.5	1.3	2	4
PHARMACO	POI	PO2	PO3	SI TH	POS	2.6 PO6	PO7	PO8	P09	CO	PSO1	PS02	PSO3	PSO4	
C101	3	3	3	3	3	3	3	3	3	C101	3	3	3	3	7
C102	3	2	2	2	3	3	3	2	3	C102	3	3	3	3	
C103	3	3	2	. 2	3	3	3	3	3	C103	3	2	3	3	1
C104	2	3	3	3	3	2	2	3	2	C104	2	3	3	2	177
C105 .	-3	3	3	3	3	2	3	2	3	C105	3	3	3	3	-
C106	3	3	3	3	3	3	3	3	3	C106	3	3	3	3	
AVERAGE	2.8	2.8	2.6	2.6	3	2.6	2.8	2.6	2.8	AVERAGE	2.8	2.8	3	2.8	
PHARMACC	THE	RAPE	UTIC	SIPR	ACTI	CAL 2	.6							455	*
CourseOutcome	POI	P03	P03	P04	P05	P06	P07	P08	P09	CO	PSO1	PSO2	PSO3	PSO4	
C101	2	2	3	0	0	1	1	1	1	C101	2	3	1	3	
C102	3	3	2	0	. 0	2	2	1	3	C102	3	2	3	2	
C103	3	3	3	0	1	3	2	2	3	C103	3	2	3	3	
C104	2.	2	1	0	1	3	3	2	2	C104	2	3	3	2	112/2
C105	2	2	1	0	2	3	1	4	3	C105	3	2	3	3	
C106	3	3	2	0	2	3	2	2	3	C106	3	3	3	2	
AVERAGE	2.5	2.5	2.16	0	1	2.5	1.83	2	2.5	AVERAGE	2.6	2.5	2.6	2	0 1
										TOWN COLLEGE	HART SOCIORES	SERV A POR	Natio N	PRI onal Col lanasse	INCIPAL llege of Phery, Kozhik



														1		
	THIRD YEAR	N OC	VIII	HEOL	21/21		Tot					-				
	PHARMACO	_			-						CO	PSO1	PSO2	PSO3	PSO4	
	CourseOdicome	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	CO	1301	1302	1303	1304	
- 1	C101	-	3	2			3	3	-	-	C101	1		2	2	
	C102	*	3	2	-		3	3	-		C102	2		2	2	
	C103	18	3	2	11-	100	3	3		-	C103	2		2	2	8-11
	C104	7.00	3	2	+	-	3	3	-		C104	2		2	2	
	C105	158	3	2		12	3	3		187	C105	2		2	2	
	C106	(25)	2	2			2	2			C106	2		2	2	
	AVERAGE	( * 1	2.83	2			2.83	2.83	-		AVERAGE	1.8		2	2	
	PHARMACO	LOG	YIIP	RACT	ICAL	3.1										14,194
	CourseOutcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	
	C101	1		3		-	3	-	-	-	C101	1				1
	C102			3			3	-	-	-	C102	1				
	C103			3	3		3	-			C103	1				
	C104	-		3	3		3	-	-	-	C104	1				
	C105			3	3		3	-	-		C105	1				
	C106			3	3		3	-			C106	1				
	AVERAGE			3	2	1.	3	-			AVERAGE	1				
	PHARMACE	UTIC	AL A	VALY	SIS T	HEOR	Y 3.2					2/3				
	Course Outcome	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	A.S.
	C101	1	1	1	1	1	1	1	1	1	C101	2	1	1	1	
	C102	1	1	1	1	1	1	1	1	1	C102	2	1	1	1	
	C102	1	1	1	1	1	1	1	1		00000	2	1	1	1	English Company
	C103	1	1/2	- 1	4.5	10	1.1	- 1	-4	1	LEGE OF	4	1	I.	- 1	17 -11

	- 6														
C104	1	1	1	1	1	1	1	1	1	C104	2	1	1	4	
C105	1	1	1	1	1	1	1	1	1	C105	2	1	1	1	
C106	1	1	1	1	-1	1	1	1	1	C106	2	1	1	1	
AVERAGE	1	1	1	1	1	1	1	1	1	AVERAGE	2	1	1	1	
PHARMACI	EUTIC	AL A	NALY	SIS P	RACT	ICAL	3.2								
CourseOutcome	PO1	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	CO	PS01	PSO2	PSO3	PSO4	4
C101	1	1	1	1	1	1	1	1	1	C101	2	1	1	1	
C102	1	1	1	1	1	1	1	1	1	C102	2	1	1	1	
C103	1	1	1	1	1	1	1	1	1	C103	2	1	1	1	1 536
C104	1	1	1	1	1	1	1	1	1	C104	2	1	1	1	
C105	1	1	1	1.	1	1	1	1	1.	C105	2	1	1	1	1
C106	1	1	1	1	1	1	1	1	1	C106	2	1	1	1	
AVERAGE	1 +	1	1	1	1	1	1	1	1	AVERAGE	2	1	1	1	7
PHARMACO	OTHE	RAPE	UTIC	SIIT	HEOR	Y 3.3									
CourseOutcome	PO1	P02	PO3	PO4	PO5	P06	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	4- 4
C101	3	2	2	3	3	3	3	3	3	C101	2	3	1	3	
C102	3	2	2	2	3	3	3	2	3	C102	3	2	3	2	
C103	3	3	2	2	3	3	3	3	3	C103	2	2	3	3	The state of the s
C104	2	3	3	3	- 3	2	2	3	2	C104	2	3	3	2	
C105	3	3	2	3	3	2	3	2	3	C105	3	2	3	3	
C106	2	3	3	2	3	2	2	3	2	C106	2	3	3	2	CHE WI
AVERAGE	2.6	2.6	2.3	2.5	3	2.5	2.6	2.6	2,6	AVERAGE	2.3	2.5	2.6	2	
PHARMACO	OTHE	RAPE	UTIC	SIIPI	RACT	ICAL	3.3								
CourseOutcome	POI	PO2	PO3	P04	PO5	PO6	PO7	PO8	PO9	F PHAA.	PSO1	PSO2	PSO3	PSO4	CIPAL oge of Pharm y, Kozhikod
									1/4	THE STATE OF THE S	1		1	1	1 MMG
								1	4/	04	2/			)	Vale III
								- //	70	100	1+			6	08
									Ö	200	le!				DIDAL



C101	3	3	3	. 2	-2	3	2	3	3	C101	3	2	3	3	
C102	2	3	3	3	2	3	2	3	3	C102	3	2	3	3	
C103	3	3	3	3	2	3	2	3	3	C103	3	2	3	3	
· C104	3	3	3	2 -	2	3	2	3	3	C104	3	3	3	3	
C105	2	2	2	2	2	3	2	3	3	C105	2	2	3	2	11.11
C106	2	2	3	3	2 '	3	3	3	2	C106	3	3	3	2	A THE
AVERAGE	2.5	2.6	2.8	2.5	2.0	3.0	2.1	3	2.8	AVERAGE	2.8	2.3	3.0	2.6	
PHARMACI	EUTIC	AL JU	JRISE	RUDI	ENCE	THEO	RY 3.	4							
CourseOutcome	PO1	PO2	PO3	PO4	P05	PO6	P07	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	
C101	2	1	3	3	1	2	1	1	3	C101	3	3	3	2	
C102	2	2	2	. 3	2	3	2	2	3	C102	3	3	2	3	
C103	1	2	2	3	2	3	2	2	3	C103	2	2	3	2	
C104 .	-1	1	2	2	2	1	1	1	1	C104	2	2	2	2	1
C105	1	2	2	3	2	2	2	3	3	C105	3	3	3	3	
C106	1	1	2	2	2	3	3	3	3	C106	3	3	3	3	
AVERAGE	1.3	1.5	2.2	2.7	1.8	2.3	1.8	2	2.7	AVERAGE	2.3	2.7	2.7	2.5	()
MEDICINA	LCHE	MIST	RYT	HEOR	Y 3.5										
CourseOutcome	PO1	PO2	PO3	PO4	P05	PO6	P07	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	
C101	2	2	•	2	1	2	2	1	2	C101	3		3		
C102	2	*	2	2		2	2	1	*1	C102	1		2	*	
C103	2	3	2	2	1	2	2	1	1	C103	3	2	1	1	
C104	2	2	2	3	2	2	2	1	2	C104	2		/1	1	
C105	2	1.	2	2	1	2	2	1	1	C105	1	1	2	1	
C106	2	2	2	-1	1	2	2	1	2	C106	1		2	1	RINCIPAL College of College of Cossery, Kon



MEDICINAL	CHE	MICT	DV D	DACT		12.7 - CD	2	1		AVERAGE				
CourseOutcome	POI	PO2	PO3	PO4	PO5	3.3 PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
						9						1,557,050	THE COST SAIR	0.000
C101	2	2		2	1	2	2	1	2	C101	2	-	3	1.7
C102	2		2	2		2	2	1	2	C102	2		2	1.5
C103	2	•	2	2	1	2	2	1	2	C103	1	-	2	2.5
C104	2	2	2	3	2	2	2	1		C104	1	*	2	
AVERAGE	2	1	1.5	2.5	1	. 2	2	1	1.5	AVERAGE	1.5	-	2.25	721
PHARMACE	UTIC	AL F	ORMI	JLAT	ONS'	ГНЕО	RY 3.	6						
CourseOutcome	PO1	PO2	PO3	P04	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3	3	3	-2	3	2	2	3	3	-C101	3	3	3	3
C102	3	3	3	2	3	2	2	3	3	C102	3	2	2	3
C103	3	3	3	3	3	3	3	3	3	C103	2	3	3	3
C104	3	3	3	2	3	2	2	3	3	C104	3	3	3	3
C105	3	3	3	3	3	- 3	3	3	3	C105	3	3	2	3
AVERAGE	3,	3	3	2.4	3 :	2.4	2.4	3	3	AVERAGE	2.8	2.8	2.6	3
PHARMACE	UTIC	AL F	ORMU	JLAT	ONS I	PRAC	TICAL	L 3.6		200			1	
Course Outcome	PO1	PO2	PO3	P04	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3	3	3	2	, 3	2	2	3	3	C101	3	3	3	3
C102	3	3	3	. 2	3	2	2	3	3	C102	3	3	3	3
C103	3 .	2	3	3	3	3	3	3	3	C103	2	3	3	3
C104	3	3	2	2	3	2	2	3	3	C104	3	3	3	3



C105	3	3	3	3	3	3	3	3	3	C105	2	2	2	3
AVERAGE	3	2.8	2.8	2.4	3	2.4	2.4	3	3	AVERAGE	2.6	2.8	2.8	3
FOURTH YEAR														
PHARMAC	OTHE	RAPE	UTIC	SIII	HEOI	RY 4.1								
CourseOutcome	P01	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101 //	2	3	3	2	- 1	3	2	3	3	C101	3	2	3	3
C102	2	3	3	2	1	3	2	3	3	C102	3	2	3	3
C103	2	3	3	2	1	3	2	3	3	C103	3	2	3	3
C104	2	3	3	2	1	3	2	3	3	C104	3	3	3	3
C105	2	3	3	2	1	3	2	3	3	C105	3	2	3	3
C106	2	2	3	.3		3	3	3	2	C106	3	3	3	2
AVERAGE	2.0	2.8	3.0	2.1	0.83	3.0	2.1	3.0	2.8	AVERAGE	3.0	2.3	3.0	2.8
PHARMACO	OTHE	RAPE	UTIC	SIII F	RACT	TCAL	4.1							
CourseOutcome	PO1	POZ	PO3	P04	P05	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3	3	3	2	2	3	2	3	3	C101	3	2	3	3
C102	2,	3	3	3	2	3	2	3	3	C102	3	2	3	3
C103	3	3	3	3	2	3	2	3	3	C103	3	2	3	3
C104	3	3	3	2	2	3	2	3	3	C104	3	3	3	3
C105	3	3	3	2	2	3	2	3	3	C105	3	2	3	3
C106	2	2	3	3	2	3	3	3	2	C106	3	3	3	2
AVERAGE	2.6	2.8	3	2.5	2.0	3.0	2.1	3	2.8	AVERAGE	3.0	2.3	3.0	2.8
HOSPITAL	PHAR	MACY	THE	CORY	4.2									
CourseOutcome	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3	2	3	2	3	1	3	2	2	C101	E BU	3	2	3



C102	2	3	2	2	2	2	2	3	3	C102	2	2	2	3
C103	3	2	2	3	2	2	2	2	- 3	C103	3	3	3	1
C104	2	1	2	1	1	2	2	2	2	C104	3	2	2	
C105	3	2	3	2	2	3	1	2	2	C105	2	3	3	
C106	2	3	2	1	2	2	2	2	1	C106	2	2	3	
AVERAGE	2.5	2.1	2.3	2	2	2	2	2.1	2.1	AVERAGE	2.3	2.5	2.5	2
HOSPITAL	PHAR	MAC	Y PRA	CTIC	AL 4	2				A. I	,			
CourseOutcome	PO1	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	CO	PSOI	PSO2	PS03	PSO
C101	3	1	2	1	2	2	3	2	2	C101	2	3	3	
C102	2	2	3	2	3	3	2	3	3	C102	3	2	1	
C103	3	2	2	, 1	2	2	3	2	2	C103	3	1	3	
C104	2	2	2	2	3	2	2	3	3	C104	2	1	3	
C105 .	+2	2	2	3	2	3	3	2	2	C105	2	3	2	
C106	3	2	1	3	2	2	2	2	2	C106	2	3	1	
AVERAGE	2.5	1.8	2	2	2.3	2.3	2.5	2.3	2.3	AVERAGE	2.3	2.1	2.1	
CLINICAL I	PHAR	MACY	THE	ORY	4.3									
CourseOutcome	PO1	P02	P03	PO4	P05	P06	P07	PO8	P09	CO	PSO1	PSO2	PSO3	PSO
C101	2	2	3	2	2	2	2	3	2	C101	3	2	3	3
C102	2	3	1	3	3	2	3	3	3	C102	3	3	3	2
C103	2	2	3	3	3	2	1	2	3	C103	2	- 3	3	2
C104	1	1	1	3	3	2	2	3	3	C104	3	3	1	2
C105	T	2	2	2	2	1	1	3	2	C105	3	2	3	2
C186	3	3	3	3	3	2	3	1	2	C106	1	2	3	2 2. Innal
The Country of the Co	2.0	2.3	2.5	2.7	2.7	1.8	1.7	2.6	2.5	AVERAGE	2.6	2.5	3.0	-



CourseOutcome	1	PO2			AL -4.		nog	DOS	nco	CO	PSO1	PSO2	PSO3	PSO4
Courseoute	PO1	POZ	PO3	P04	PO5	PO6	PO7	PO8	PO9	CO	1501	1002	1000	1504
C101	2	2	2	2	2	2	3	2	2	C101	3	3	3	3
C102	2	1	2	3	2	2	2	2	2	C102	3	3	3	3
C103	2	2	2	2	2	2	2	2	2	C103	3	3	3	3
C104	2	2	2	2	2	2	2	2	2	C104	3	3	3	3
AVERAGE	2	1.75	2	2.25	2	2	2.25	2	2	AVERAGE	3	3	3	3
BIOSTATIS	TICS A	ND 1	RESE.	ARCH	MET	HODO	OLOG	Y TH	EORY			A		
CourseOutcome	PO1	PO2	PO3	P04	PO5	PO6	P07	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	-	1	2		1	140			1	C101	1/45	3	1	-
C102	1		3	1	-			1	-	C102	0.70	2	2	
C103	1		1			5.50		1		C103	1000	1	1	
C104	-		3			190	-	1		C104	0.0			
C105	3	1	3	- 14	-	2	+			C105	-	-	1	-
C106	3	3	3			3	2	3	1	C106	2	2	2	2
AVERAGE	1.3	0.83	2.5	0.16	0.16	0.83	0.3	1	0.33	AVERAGE	0.3	1.3	1.1	0.3
BIOPHARM	ACEU	TICS	AND	PHA	RMAC	OKIN	ETIC	STHI	ORY	4.5				
CourseOutcome	P01	PO2	PO3	P04	PO5	P06	P07	PO8	P09	CO	PSO1	PSO2	PSO3	PSO4
C101	3	3	3	2	. 1	3	3	3	3	C101	3	3	3	2
C102	3	3	3	3	1	3	3	3	3	C102	3	3	3	2
C103	3	3	3	3	1	3	3	3	3	C103	3	3	Nation Ma	2
C104	3	3	3	3	1	3	3	3	3	C104	3	3	3	2

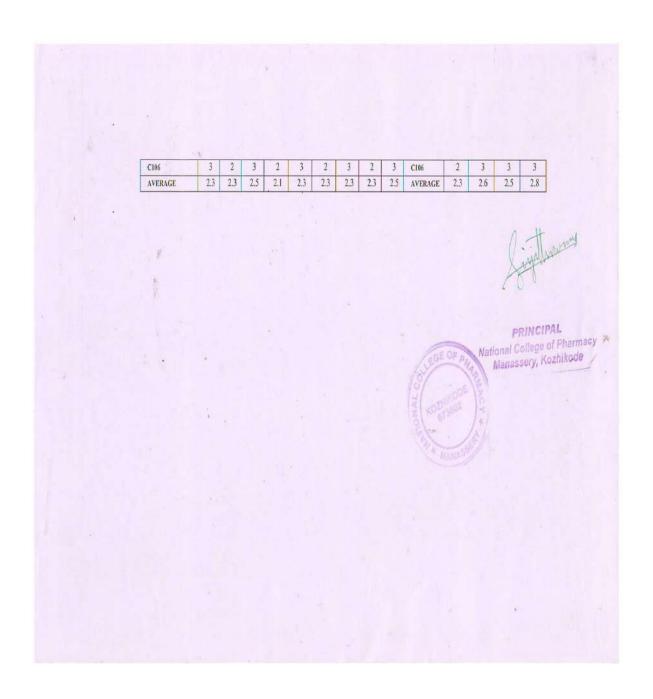


C105	3	3	3	3	2	3	3	3	3	C105	3	3	3	2
AVERAGE	3	3	3	2.8	1.2	3	3	3	3	AVERAGE	3	3	2.8	2
BIOPHARM	-										T ncos	DCO2	ncoa	T noo
CourseOutcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	СО	PSO1	PSO2	PSO3	PSO
C101	3	3	3	2	1	2	1	1	1	C101	1	1	2	1
C102	3	3	3	-2	1	2	1	1	1	C102	2	2	2	- 1
C103	3	3	3	2	1	3	2	3	3	C103	3	2	3	4
C104	3	3	3	2	1	3	2	3	3	C104	3	1	3	3
C105	3	3	3	2	1	3	2	3	3	C105	3	1	3	1
AVERAGE	3	3	3	2	1	2.6	1.6	2.2	2.2	AVERAGE	2.4	1.4	2.6	2
CLINICAL T	OXIC	OLO	GY TI	HEOR	Y 4.6									
CourseOutcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO
C101 *	2	2	3	2	1	2	2	2	1	C101	2	2	1	3
C102	3	2	2	1	2	1	2	2	1	C102	2	2	1	3
C103	2	3	1	2	2	3	2	2	3	C103	3	2	3	1
C104	2	2	2	2	2	3	3	2	2	C104	2	2	2	1
C105	2	2	1	1	3	2	2	2	2	C105	1	3	3	
C106	3	2	3	2	1	1	2	3	2	C106	2	2	2	
AVERAGE	2.3	2.1	2	1.6	1.8	2	2.1	2.1	1.8	AVERAGE	2	2.1	2	2.
FIFTHYEAR	Constitution of the last	-					-	7						
CLINICAL F	RESEA	RCH	THE	ORY 5	.1			10000					100	
CourseOutcome	PO1	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO

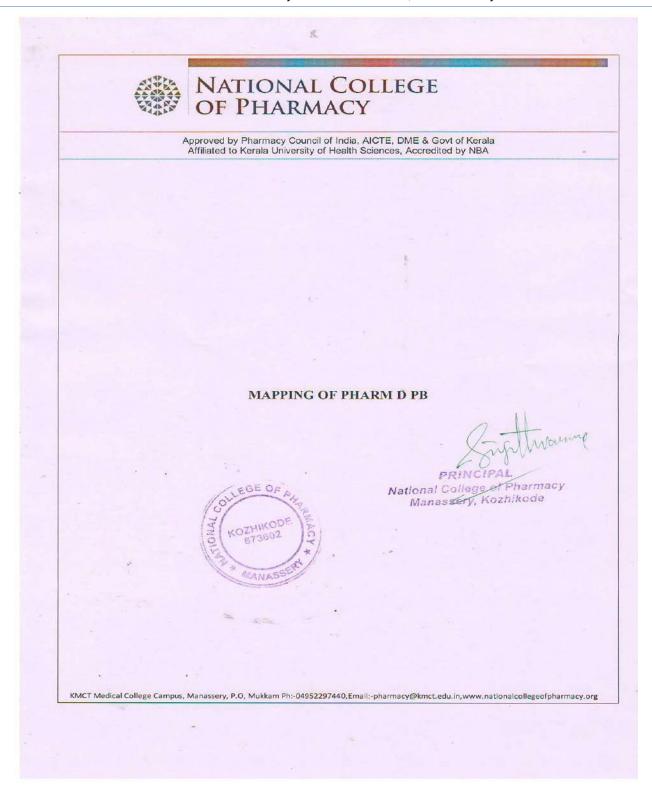


	-	2	3	3	2	2	2	2	2	C101	3	2	2	2
C102	2	3	2	2	2	3	2	3	3	C102	2	3	2	3
C103	2	3	2	3	2	3	2	3	2	C103	2	2	3	3
C104	2	3	3	2	3	2	3	2	3	C104	. 3	2	3	3
C105	2	1	2	1	2	2	2	2	2	C105	2	3	2	1
AVERAGE	2.2	2.4	2.4	2.2	2.2	2.4	2.2	2.4	2.4	AVERAGE	2.4	2.4	2.4	2,4
PHÄRMACO												DOOR	DOGG	Dec.
CourseOutcome	PO1	PO2	PO3	P04	P05	PO6	P07	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101	3	2	3	2	3	2	3	3	2	C101	1	1	1	1
C102	2	3	1	3	3	2	3	3	3	C102	3	2	1	1
C103	2	2	3	. 3	2	2	1	1	3	C103	2	2	1	1
C104	2	2	2	3	3	2	2	3	3	C104	2	3	1	2
AVERAGE	2.25	2.25	2.25	2.7	2.75	2	2.25	2.5	2.75	C105	2	2	1	1.25
CLINICAL PHA	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PS03	PSO4
C101	3	′ 2	3	3	2	2	2	2	2	C101	3	2	2	3
C102	2	3	2	2	2	3	2	3	3	C102	2	3	2	3
C103	2	3	2	3	2	3	2	3	2	C103	2	3	3	2
C104	2	3	3	2	3	2	3	. 2	3	C104	3	2	3	3
C105	2	1	2	1	2	2	2	2	2	C105	2	3	2	3

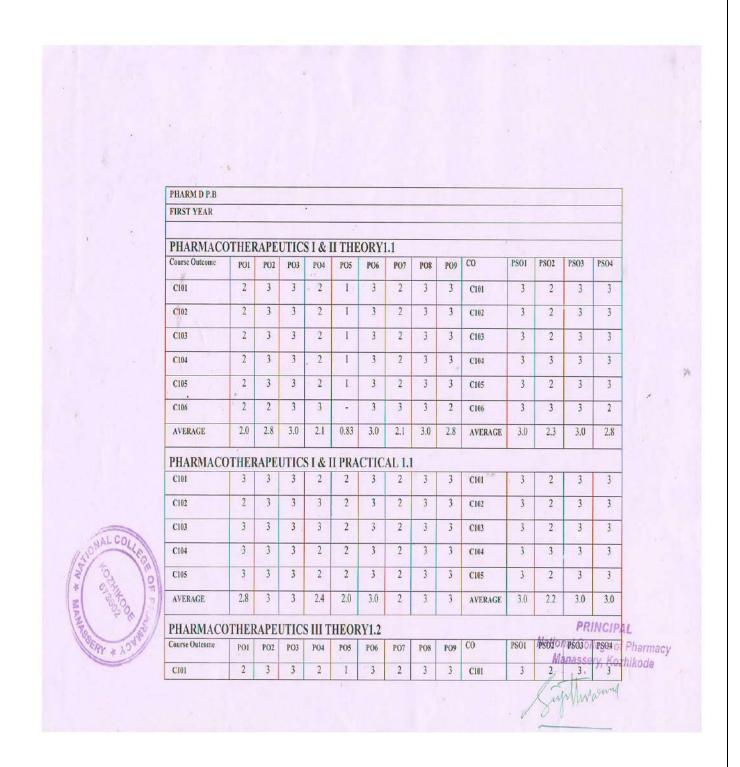














C101	3	2	3	2	3	1	3	2	2	C101	2	3	2	3
CourseOutcome	PO1	PO2	PO3	PO4	P05	P06	P07	PO8	PO9	CO	PS01	PSO2	PS03	PSO4
HOSPITAL	PHARM	MACY	THE	ORY	1.3									
AVERAGE	2.6	2.8	3	2.5	2.0	3.0	2.1	3	2.8	AVERAGE	3.0	2.3	3.0	2.8
C106	2	2	3	3	2	3	3	3	2	C106	3	3	3	2
C105	3	3	3	2	2	3	2	3	3	C105	3	2	3	3
C104	3	3	3	2	2	3	2	3	3	C104	3	3	3	3
C103	3	3	3	3	2	3	2	3	3	C103	3	2	3	3
C102	2	3	3	3	2	3	2	3	3	C102	3	2	3	3
C101	3	3	3	2	2	3	2	3	3	C101	3	2	3	3
CourseOutcome	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	СО	PSO1	PSO2	PSO3	PSO4
PHARMACO	THEF	RAPE	UTIC	S III P	RACT	ICAL	1.2							
AVERAGE	2.0	2.8	3.0	2.1	0.83	3.0	2.1	3.0	2.8	AVERAGE	3.0	2.3	3.0	2.8
C106	2	2	3	3		3	3	3	2	C106	3	3	3	2
C105	2	3	3	2	1	3	2	3	3	C105	3	2	3	3
C104	2	3	3	2	1	3	2	3	3	C104	3	3	3	3
C103	2	3	3	2	1	3	2	3	3	C103	3	2	3	3
C102	2	3	3	2	1	3	2	3	3	C102	3	2	3	3

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	- 0															
C10		2	3	2	2	2	2	2	3	3	C102	2	2	2	3	
C10	03	3	2	2	3	2	2	2	2	3	C103	3	3	3	2	
C10	)4	2	1	2	1	1	2	2	2	2	C104	3	2	2	2	
· C10	)5	3	2	3	2	2	3	1	2	2	C105	2	3	3	1	
C10	16	2	3	2	1	2	2	2	2	1	C106	2	2	3	3	
AV	ERAGE	2.5	2.1	2.3	2	2	2	2	2.1	2.1	AVERAGE	2.3	2.5	2.5	2.3	
HO	SPITAL PI	HAR	MACY	Y PRA	CTIC	AL 1.	3									
	se Outcome	POI	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4	
C10	1	3	1	2	1	2	2	3	2	2	C101	2	3	3	1	
C10	)2	2	2	3	2	3	3	2	3	3	C102	3	2	1	2	
C10	)3	3	2	2	. 1	2	2	3	2	2	C103	3	1	3	2	
C10	14	2	2	2	2	3	2	2	3	3	C104	2	1	3	3	
C10	15.	- 2	2	2	3	2	3	3	2	2	C105	2	3	2	1	
C10	16	3	2	1	3	2	2	2	2	2	C106	2	3	-1	3	
AVI	ERAGE	2.5	1.8	2	2	2.3	2.3	2.5	2.3	2.3	AVERAGE	2.3	2.1	2.1	2	
CL	INICAL PI	HARN	<b>IACY</b>	THE	ORY	1.4						-		*		3
Cours	se Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	CO	PSOI	PSO2	PSO3	PSO4	
C10	1	2	2	3	2	2	2	2	3	2	C101	3	2	3	3	
C10	12	2	3	1	3	3	2	3	3	3	C102	3	3	3	2	
C10	3	2	2	3	3	3	2	1	2	3	C103	2	3	3	2	
C10	4	1	-1	1	3	3	2	2	3	3	C104	3	3	1	2	
C10	5	1	2	2	2	2	1	1	3	2	C105	3	2	3	2	
C10	6	3	3	3	3	3	2	3	1	2	C106	1	2	3	2	
AVI	ERAGE	2.0	2.3	2.5	2.7	2.7	1.8	COL	LEGE	2.5	AVERAGE	2.6	2.5	3.0	2.3	
					1		MATION	1	J.	2				1/0	jillw	agund
							10	Kos		10/				1	MMM	
		190					A	620	WODE BOOK	PHAR			- 1	0		
							12/	- 0	005 AE	TREE .				PRI	INCIPAL lege of P ry, Kozhi	-
							25 7 3			7 5 H			PER LY			



Course Outcome	POI	MAC)	PRA PO3	PO4	AL -1.	4 P06	PO7	PO8	PO9	CO	PSO1	PSO2	PS03	PSO4
C101	2	2	2	2	2	2	3	2	2	C101	3	3	3	3
C101	2	1	2	3	2	2	2	2	2	C101	3	3	3	3
C102	2	2	2	2	2	2	2	2	2	C102	3	3	3	3
C104	2	2	2	- 2	2	2	2	2	2	C104	3	3	3	3
AVERAGE	2	1.75	2	2.25	2	2	2.25	2	2	C105	3	3	3	3
BIOSTATIS														T
Course Outcome	PO1	PO2	PO3	P04	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101		1	2		1				1	C101		3	1	
C102	1	-	3	1		14.		1		C102	-	2	2	-
C103	1	-	1				S#4	1		C103	-	1	1	
C104'	*		3					1	٠	C104	-			-
C105	3	1	3	-		2				C105			1	
C106	3	3	3	*	*	3	2	3	1	C106	2	2	2	2
AVERAGE	1.3	0.83	2.5	0.16	0.16	0.83	0.3	1	0.33	AVERAGE	0.3	1.3	1.1	0.3
BIOPHARM	ACEU	TICS	AND	PHAF	RMAC	OKIN	ETIC	THE	ORY	1.6	177			-
Course Outcome	PO1	PO2	PO3	P04	PO5	P06	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO4
C101 -	3	3	3	2	. 1	3	3	3	3	C101	3	3	3	2
C102	3	3	3 .	3	.1	3	3	3	3	C102	3	3	3	2
C103	3	3	3	3	1	3	3	3	3	C103	3	3	2	2
C104	3	3	3	3 1	1	3	3	3	3	C104	3	3.	3	2



AVERAGE	3													
		3	3	2.8	1,2	3	3	3	3	AVERAGE	3	3	2.8	2
BIOPHARI	MACE	UTICS					1				Lanna	Union	T me de a	PSO
Course Outcome	POI	PO2	PO3	P04	PO5	PO6	PO7	PO8	P09	CO	PSO1	PSO2	PSO3	Paul
C101	3	3	3	2	1	2	1	1	1	C101	F	1	2	1
C102	3	3	3	2	1	2	1	1	1	C102	2	2	2	1
C103	3	3	3	2	1	3	2	3	3	C103	3	2	3	2
C104	3	3	3	2	1	3	2	3	3	C104	3	1	3	3
C105	3	3	3	2	1	3	2	3	3	C105	3	1	3	3
AVERAGE	3	3	3	2	1	2.6	1.6	2.2	2.2	AVERAGE	2.4	1.4	2.6	2
CLINICAL	TOXIC	COLO	GYT	HEOF	RY 1.7				100					
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	co	PSO1	PSO2	PSO3	PSO
C101	2	2	3	2	1	2	2	2	1	C101	2	2	1	3
C102	3	2	2	1	2	1	2	2	1	C102	2	2	1	3
C103	2	3	1	2	2	3	2	2	3	C103	3	2	3	2
C104	2	2	2	2	2	3	3	2	2	C104	2	2	2	2
C105	2	2	1	1	3	2	2	2	2	C105	P	3	3	1
C106	3	2	3	2	1	1	2	3	2	C106	2	2	2	2
AVERAGE	2.3	2.1	2	1.6	1.8	2	2.1	2.1	1.8	AVERAGE	2	2.1	2	2.
SECOND YEAR	2													
CLINICALR	ESEAL	RCHT	HEO	RY2.1				77.57 11			1-2-2	1	Laces	1 7000
CourseOutcome	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	CO	PSO1	PSO2	PSO3	PSO
Conscione	701	102			K NATION								1	igi

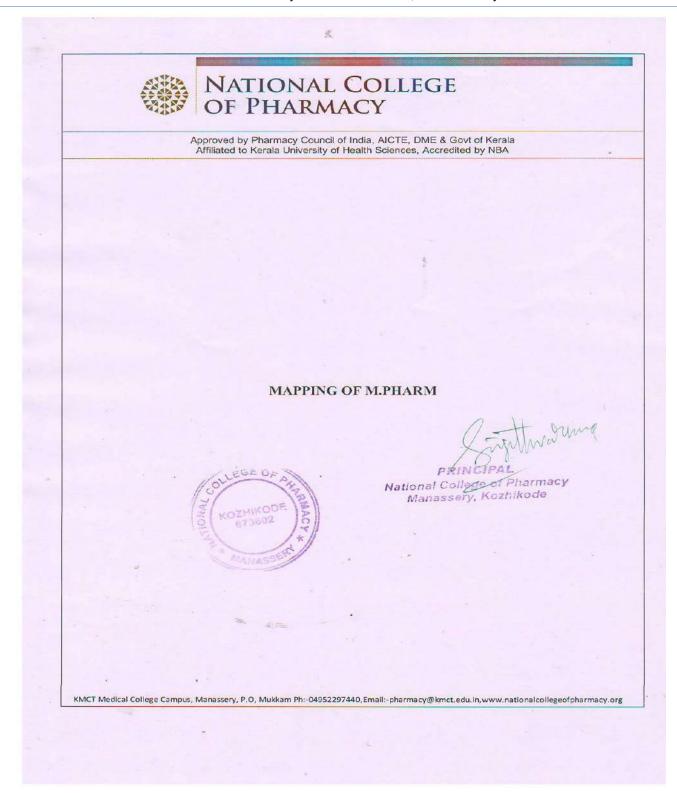


	C101 C102	3 2	2	3 2	3	2	2	2	2						
	103	2	3	2	3	2	3	2	3	3	C101	3	2	2	2 7
	104	2	3	3	2	2	3	2	3	2	C102	2	3	2	1
1	105	2	1	2	1	3	2	3	2	3	C103	2	2	3	3
4	VERAGE	2.2	2.4			2	2	2	2		C104	3	2	3	3
P	HARMACO urseOutcome	DEPID	EMIC	OLOC	VAN	2.2	2.4	2.2	2.4	2.4	AVEDICE	2	3	2	1
Co	urseOutcome	PO1	POZ	POI	I AN	D PHA	RMA	COEC	ONO	MICS	THEODY	2.4	2.4	2.4	2.4
C	101	3			-	PO5	PO6	P07	PO8	PO9	CO	PSO1	PSO2	-	
C	102	2	3	3	2	3	2	3	3	2	045000	12000000000	1302	PSO3	PS04
C	103	2	2	1	3	3	2	3	3	3	C101	1	1	E	1
C	104	2	2	3	3	2	2	1	1	3	C102 C103	3	2	1	1
A	VERAGE	2.25	1.30	2	3	3	2	2	3	3	C104	2	2	1	1
	And the second second	1	2.25	2.25	2.7	2.75	2	2.25	2.5	2.75	C105	3	3	1	2
0		PHAR	MAC	OKI	NETIC	CS &	PHA	RMA	COTE	TERA	PEUTIC	DDI	-	1	1.25
Cou	rse Outcome	MON	ITOR		HEOI	RY2.3	W. F. Co.				LUTTE	DRU	G		
		PO1	PO2	PO3	PO4	PO5	PO6	P07	POS	PO9	CO	PSO1	PSO2	PSO3	PSO4
CI	01	3	2	3	3	2	2	2	2	2	C101		100000	-	
CI	02	2	3	2	2	2	3	2	3	3	C101	3	2	2	3
CI	03	2	3	2	3	2	3	2	3	2	C103	2	3	2	3
CI	04	2	3	3	2	3	2	3	2	3	C104	3	2	3	3
CI	05	2	ĩ	2	1	2	2	2	2	2	C105	2	3	2	3
						M + MATIO	tox 643	OLLEG VIKODE	WANTED TO BE		N	etiona Man	PRIM Colle	ICIPAL	











SEMESTER I																
					4											
CLINICAL PHARMACY	PRACTICE ()	MPP101T)			#1	-										
COPO MAPPING												COPSO MAR	PING			
Course Outcome	POI	PO2	PO3	PO4	PO5	P06	PO7	PO8	P09	PO10	P O 1	CO	PSO1	PSO2	PSO3	PSO4
C101	2	2	3	2	2	2	2	3	2	3	3	C101	3	2	3	2
C102	2	3	1	3	3	2	3	3	3	3	2	C102	3	3	3	2
C103	1 2	2	3	3	3	2	1	2	3	3	2	C103	2	3	3	2
C104	1	1	1	3	3	2	2	3	3	1	2	C104	3	3	1	2
C105	§ 1	2	2	2	2	1	1	3	2	3	2	C105	3	2	3	2
C106	3	3	3	3	3	2	3	1	2	3	2	C106	1	2	3	2
AVERAGE	2.0	2.3	2.5	2.7	2.7	1.8	1.7	2.6	2.5	3.0	2 . 3	AVERAGE	2.6	2.5	3.0	2.3
PHARMACOTHERAPE	UTICS I (MP	P102T)	1			-					3					
COPO MAPPING	- POI	-	Inci					II was				COPSO MAP				
Course Outcome	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PO10	P 0	CO	PSO1	PSO2	PSO3	PS04
C101	3	2	1	2	2	2	2	3	3	2	1	C101	3	3	2	2
C102	2	1	2	2	2	3	2	3	2	2	2	C102	2	3	3	2
C103	3	2	2	2	3	3	3	2	2	2	1	C103	3	2	3	3
C104	2	3	3	1	2	2	3	3	2	2	2	C104	2	3	2	3
AVERAGE	2.5	2.0	2.0	1.75	2.25	2.5	2.5	2.75	2.25	2.0	1	AVERAGE	2.5	-	2.75	2.75
	UNITY PHAI	RMACY (	APP103T	)	17											
HOSPITAL AND COMM			D/A2	PO4	PO5	P06	PO7	PO8	P09	PO10	POI	COPSO M	IAPPING PSOI	PSO2	PSO3	PS04
HOSPITAL AND COMM COPO MAPPING Course Outcome	PO1	PO2	PO3	***		Service (Contract)										
COPO MAPPING	PO1	PO2	1	2	2	2	2	2	3	2	1	C101	3	3	3	3

2	2	12	E-12										100	V.	
		1.4	2	3.	1	1	2	2	2	1	CHO	1	2	3	3
2.00	1	3	1	2	2	3	2	2	2	2	C184	2	3	2	3
2.25	1.25	2.0	1.75	2.25	2.5	2.5	2.25	2.25	2.0	1.5	AVERAGE	2.5	2.75	2.5	2.75
	-	- 1111				77.33	111111	1							
	100000		ALC: U	Later	Lacous.	ALL STORY		-	diam'r.				FEDDON'S	*******	12000
POL	POI	10)	P04	105	406	PO7	POS	109	FOIII	POLL	-	P501	P500	P900	PSO4
3	1	1	2	2	-2	2	2	3	3	3		2	2	3	)
3	12	2	2	1	2	2	2	3	3	3	M Toleran	2	2	3	2
3	-2	3	3	2	3	2	2	2	3	3	Charlet H. S.	2		2	3
3	.2	2	2	2	1	2	2	2	3:	3	California (artist common	2	-	2	3
3.0	1.75	2.0	2.75	1.75	2.5	2.0	2.0	2.5	3.6	3.0	AVERAGE	2.0	2.0	2.5	2.7
CE PRACTIF	CALI (ME	P105P	)												
					a torono									1 2222	200
PO1:	POI	P03	P04	P05	P06	POT	FOR	POR	PO10	FOIL	100	PROI	10070	Still	10000
1	12	2	2	2	2	3	2	2	2	2	Const. I In State	3	4000		3
2	1	2	3	2	2	-2	2	2	2	1	57017	1	3	3	3
2	2	2	2	2.	2	2	2	2	2	1	C103	3	3	1	3
7	12	2	2	2	2	2	2	2	2	2	CIBH	1	3	3	3
	1.75	2.0	2.25	2.0	2.0	2.2	2.0	2.0	2.0	1.5	AVERAGE	3:0	3.0	3.0	3.0
CIU.	13010	1.50	LOUIS		al-cubi.	allera de la constanti de la c	And of the last	art is a factor	-	Mar Hardware					
		CALL DA		. 101		_		_	-						
CUTY USE O	# MEDIC	THE (N	IPP ZO	11)							CORROLADO	9990		and the same	
104	P02	P03	P04	705	P06	P07	P08	P09	PO10	POU	CO	PSOL	7502	P\$00	P904
555	100	23.00		2000	1000	-	22.00	2000	-	1000	200	1	4	4	1
3	11	11	2		1	12	1	13	11-	1	45.640.00	2	3	1	2
1	12	+2-	drQ	1	1	1	1	12	3	1	100000	2		1.7.	1
1	12	13	13	2	1	14	3-	1	1	1	Secretary Comments	1	3	1 4	3
1	12	13.	12	12	3	1	2	1	3		A CONTRACTOR OF THE PARTY OF TH	7.0	3.0	24	2.7
and the second second	andri Dila Barr	-9-05	2.25	1.75	2.5	2.0	2.0	1.5	3.9	3.0	AFERING.	2.8	2.4	4.0	8-7
	FRANCE W	2271									-			_	_
PEUTICS -II	DALL S	P.16.		_											
milimia kaliufura au	FOR GOLCEGO SOL		THE	105	206	TWO	P08	P09	T 2016	POLI	COPSO MAP	FING	PS02	PS01	2504
	POI 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	POI	FOI	FOI    FOI    FO3    FO4      3	POI	FOI	POI	POI	POI	POI	POI	POI	POI	FOI	POIL   POIL



CHI	13	7	TT.	9	2	2	2	1	13	2	N.	CIII	)	1)	3	)
C102	12	Ť	2	2	2	3	2	3	2	2	2	C)62	1	1	1	1
C100	3	2	2	2	3	3	3	2	2	2	1	CHO	3	1	3	3
C184	2	3	3	1	2	1	1	3	1	2	2	C184	2	3	1	3
AVERAGE	2.5	2.0	2.0	1.75	2.25	2.5	2.5	2.75	2.25	2.0	1.5	AVERAGE	2.5	2.75	2.15	2.75
CLINICAL PHARMACO	OKINETICS AF	ND THER	PEUTIC	DRUG	MON	TORIN	G (MP	P 203T	)		THE R	Water Branch	77-			000
COPO MAPPING	COMMENSACIO	partiandos	OCONDON.	Managarine.	HYDROLANIA	neinenny -	*******		1	V.		COPSO MAZS		15.77	-	
Course Outcome	POI	P02	P03	PO4	P05	P06	P07	YOU	109	P010	POII	CO	P501	P502	P505	2504
CIN	1	2	1	2	2	2	2	3	3	2	1	CIBI	3	3	3	3
CH2	12	12	2	2	2	3	2	3	12	1	2	C102	2	2	3	2
C160	3	12	2	2	3	1	3.	2	2	2	1	C103	3	1	2	3
C104	2	3	3	3	2	2	1	3	2	2	2	C104	2	1	3	3
AVERAGE	2.5	2.25	2.0	1.25	2.25	2.5	1.5	1.75	2.25	2.0	1.5	AVEILAGE	2.75	2.5	2.75	2.75
PHARMACOEPIDEN			MACO				A STATE OF THE PARTY OF THE PAR		7.	11			Sa.			
COPO MAPPING		0.000		1221	LINE STATE	distant	SECTION AND ADDRESS OF THE PARTY.	dia.	C. Van	in the same	more.	COPSO MAPI	NNO.			
Count Outcome	P01	P02	P03	P04	101	106	P07	POS	PON	NOI8	1011	00	1501	PS02	P908	PSO4
C101	3	2	3	2	1	2	3	3	2	3	3	C101	1	1	1	1
C162	12	1	1	3	3	2	3	3	3	3	2	C162	3	2	1	
C160	2	2	3	3	2	2	1	1	3	2	3	C103	2	2	1	1
C104	2	2	2	1	3	2	2	3	1	1	2	C194	2	1	1	2
AVERAGE	2.25	1.25	2,25	2.7	2.75	2.0	2.2	2.5	2.75	2,5	2.5	AVERAGE	2.0	2.0	1.0	1.25
PHARMACY PRACT	ICE DRACTIO	Δ1-11-1M	PP 205	pi	-		5		-		-		-	-		
CO-PO MAPPING	tee t miles in	prie to fire		-								CO-PSO MAP	PING			
Course Outcome	P01	PO2	P03	P04	105	P06	101	108	701	7018	100	CO	1901	2502	PSOF	PSOL
CHI	2	2	2	2	2	2	1	2	2	2	2	CHL	3	3	3	3
CHQ	2	1	2	3	2	2	2	2	2	2	1	CH2	1	3	3	3
C163	2	2	2	2	2	2	2	2	2	2	1	CHI	3	3	3.	3
C104	2	2	2	2	2	2	2	2	2	2	2	C184	3	3	3	3
AVERAGE	2.0	1.75	2,0	2.25	2:0	2.0	2.2	2.0	2.0	2.0	1.5	AVERAGE	3.0	3.0	3.0	3.0
THIRD SEMESTE		برمياضا	-	-	-		-		-	-	-	-	-	100		



RESEARCH METHODO	LOGY AN	D BIOST	ATISTIC	S (MR	M 301	T)										411
CO-PO MAPPING Course Outcome	POI	P02	PO3	PO4	P05	P06	P07	PO8	PO9	PO10	PO11	CO-PSO MA	PPING PSO1	PSO2	PSO3	PSO4
C101					020			11000000	10000	1000000	1000000	200	10000000	200000	100000	3,0,000
C102	2	2	-	•	2	3			1	2	3	C101	2	1	3	2
C102	3	2	-	-	3	2	-	*	*:	3	3	C102	3	3	2	1
C104	2	-	3	3	2	٠		-	.*:		2	C103	3	2	2	3
AVERAGE	2.25	1.25	1.25	3		1.25	-	•	0.25	1.25	2.25	C104 AVERAGE	2.25	2.0	3 2.5	2.0
MODERN PHARMACE	JTICAL A	NALYTIC	AL TEC	HNIQ	JES-M	PT 10:	1T									
CO-PO MAPPING	CO- PSO MAPPI NG															
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
C101	3		2	-	4	2		4	2	ш	1	C101 -	2	-	1	1
C102	3	3	-	2	•	3	-	-	3	*	2	C102	1.	1	2	1
C103	2			-		3	-	-	2	2	2	C103		1	1	
C104	2	2	2	2		-	+:	-	2	2	1	C104	-	+	-	
AVERAGE	2.5	1.25	1.0	1.0	00	2.0	00	00	2.0	1.0	1.25	AVERAGE	0.75	0.5	1.0	0.5
ADVANCED PHARMAC		ANALYS	IS (MP	4 1021	)							Y				
CO-PO MAPPING	PSO MAPPI NG					(4	į.	ľ		17						
Course Outcome	PO1	PO2	P03	P04	PO5	P06	P07	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	PSO4
C101	2	2	1	2	1	1			1	1	1	C101	1	1	1	1
C102	2	2	1	•	3	1		-	1	1	-	C102	2	1	1	1
C103	2	3	1	1	.//	OF	1.50	*	-	2	3	C103	2	1	1	1
C104	1	1	1	1	7.80	1	340	4	1	1	1	C104	1	1	1 .	PRINC I Colleg

AVERAGE	1.75	2.0	1.0	1.0	1.0	0.75	00	00	0.75	1.0	1.25	AVERAGE	1.5	1.0	1.0	1.
PHARMACEUTICAL VAL	IDATION	(MPA	103T)				1 march							1		-
CO-PO MAPPING	CO- PSO MAPPI NG				4							4				
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POII	CO	PSO1	PSO2	PSO3	PS
C101	3	2	-	2	1	-			1	1	1	C101	2	1	1	ī
C102	3	2	1		-	1			1	2	-	C102	1	1	1	1
C103	3	2	-	1	2			-	2		1	C103	1	1	1	2
C104	3	2	-	1		2		-	1		1	C104	1	1	-	1
AVERAGE	3.0	2.0	0.25	1.0	0.75	-	00	00	0.75	0.75	0.75	AVERAGE	1.25	0.75	0.75	1.3
FOOD ANALYSIS (MPA	100		0120	110	1000	1000	-		911.5	0010	0112		1.000	0.15	0.75	100
CO-PO MAPPING	CO- PSO MAPPI NG								Sq.		-					
Course Outcome	PO1	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PS
C101	3	1	1	2	1	-	1	-	2	1	1	C101	1	2	1	3
C102	2	1		2		1		•	1			C102	1	1	-	1
C103	3	1	3	2	3		-	1	-	2	1	C103		1	1	1
C104	2	1 ,	-	2	-		-		3	-	1	C104	1	3	1	1
AVERAGE	2.5	1.0	1.0	2.0	1.0	0.25	0.2	0.25	1.5	0.75	0.75	AVERAGE	0.75	1.75	0.75	1.5
PHARMACEUTICAL ANA	ALYSIS PE	RACTICA	NL-1(1	MPA 1	05P)									111		
CO-PO MAPPING	CO- PSO MAPPI NG					9										
Course Outcome	POI	PO2	P03	PO4	P05	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PS
C101	3	2	1	2	1	*	1	( <b>-</b> )(1	1	1	1	C101	2	1		1
CVA .																
C102	3	2		*	-	1	-	1	1	2/	TLEC	C102		-	2	2

National College of Pharmacy Manassery, Kozhikode



C103	2	2	1	1	3	-	1	-	-	-	1	C103	3	200	2	1
C104	2	2	4	1	2	•		2	-	-	1	C104	1	2	1	1
AVERAGE	2.5	2.0	0.5	1.0	0.75	0.25	0.5	0.75	0.5	0.75	0.75	AVERAGE	1.5	0.75	1.25	1.25
SECOND SEMESTER					+		0				-			-	(*)	
ADVANCED INSTRUME	NTAL AN	ALYSIS	MPA 2	01T)												
CO-PO MAPPING	PSO MAPPI NG															
Course Outcome	P01	PO2	PO3	P04	P05	P06	P07	PO8	PO9	PO10	P011	CO _	PS01	PSO2	PSO3	PSO4
C101	3	2	2	-		1			1	1	1	C101	1	1		1
C102	3	2	2			1	1		1		1	C102	2	1	1	-
C103	3	2	2		-	1		1	1		1	C103	-	1	2	1
C104	3	2	2	-	-	1	-	-	1	1	1	C104	1	1	L	1
AVERAGE	3.00	2.00	2.00	00	00	1.00	0.2	0.2	1.0	0.50	1.00	AVERAGE	1.0	1.0	1.0	0.75
MODERN BIO-ANALYT	CAL TEC	INIQUE	SIMPA	202T)			3									
CO-PO MAPPING	CO- PSO MAPPI NG															
Course Outcome	PO1	PO2	PO3	P04	PO5	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
C101	3	2	-	1	2	1		-	1	2	1	C101	1	1	-	1
C102	3	2	-	1	-	1	-		1	-	1	C102	1	1	1	2
C103	3	2	-	-	1	1		-	1	2	1	C103	1	1	1	1
C104	2	1	-	2	2	-	*	4	•		-	C104		2		1
AVERAGE	2.75	1.75	00	1.0	0.75	0.75	00	00	0.75	1.0	0.75	AVERAGE	0.75	1.0	0.50	1.25
QUALITY CONTROL AN		TY ASSU	RANCE	(MP/	203T											
CO-PO MAPPING	PSO MAPPI NG							1/5	PHAR							
								COL		1010			PSO1	PS02		PSO4

CIH	3	3	2	3	3	1	8	1	3		1	Civi	2	1	1	1
CHI	3	3	2	2	3	3	1	*	3			C102	1	1	1	3
C163	3	1	2	2	1	2		1	3	1	4	CHO	1	2		1
C194	3	2		1	4		1		2	1	2	C194	1	1	1	1
AVERAGE	3.00	2.75	1.5	2.0	1.25	2.9	00	0.50	2.0	0.50	0.75	AVERAGE	2.5	1.0	0.75	0.75
HERBAL AND COSM	NETIC ANALY	SIS(MP	A 204T													
CO-PO MAPPING	PSO MAPPE NG															
Course Outcome	P01	P02	703	P04	7105	106	POT	105	109	1010	7011	00	7501	P\$00	P\$00	7504
C101	2	2	2			1	į.		1		1	CIR	1	1		1
CHC	2	2	2		3	4		3	1	2	1	CH2	1	1	1	1
C100	1/2	1	2			1	2					C103	i i	2	1	
CHA	2	2	2		3	1		1		1	2	CHI	1		T	2
AVERAGE	2.0	2.0	2.0	60	1.5	1.0	00	1.2	0.5	0.75	1.0	AVERAGE	1.0	1.0	0.50	1.0
Action Co. Co. Co. Co.		this programme		Antonia	aller See Selve	1.10	144	111	183	Lanta	1 100	77	1.00	100	I work	1.00
PHARMACEUTICAL CO-PO MAPTING	CO- PSO MAPR NG	KALTIC	-11	WEAT	euse)											
Ceurse Outcome	POI	P0)	P00	P04	105	P06	PO?	POS	POF	PO10	POIL	CO	Hol	PS01	PS01)	7904
Citi	3	2	1.	2	1	4	1		2	1	1	C101	2.	1	83	1
C182	3	2		,		1	×.		1	· .	18.	CINZ	1		2	1
C103	2	3		1	1	1		,	1	2	1	C183	1	2	1	2
C104	3	2		1			2				1	CIN	1	1.	1	1
AVERAGE	2.75	2.25	00	1.0	0.75	0.75	00	00	0.75	0.75	0.75	AVERAGE	2.5	1.0	1.0	1.25
THIRD SEMESTE		DOM:	510	7.55					4	10						
RESEARCH METHO	DOLOGY AN	0 81051	ATISTIC	CS (MR	M 301	T)		Lutin	00	V						
CO-PO MAPPING	(CO- 250)	-			1		0	7	150	TX.				10	1	
	250						197		1	LA				120		Mod-in/



Course Outcome POI PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 CO PSO1 PSO2 PSO3  C101 2 2 2 3 1 2 3 C101 2 1 3  C102 3 2 3 2 3 3 C102 3 3 2  C103 2 - 3 3 2 1 - 2 C103 3 2 2  C104 2 1 2 3 1 - 2 C103 3 2 2  AVERAGE 2.25 1.25 1.25 1.5 1.75 1.25 00 00 0.75 1.25 2.0 AVERAGE 2.2 2.0 2.5  MPHARM PHARMACEUTICAL CHEMISTRY  SEMESTER I	PSO4  2  1  3  1  1.75
C102 3 2 - 3 2 3 3 C102 3 3 2 C103 2 C103 2 1 - 2 C103 3 2 C104 2 1 2 3 1 - 1 C104 1 2 3 AVERAGE 2.25 1.25 1.25 1.5 1.75 1.25 00 00 0.75 1.25 2.0 AVERAGE 2.2 2.0 2.5 MPHARM PHARMACEUTICAL CHEMISTRY	1 3 1
C102 3 2 - 3 3 2 1 3 3 C102 3 3 2 C103 2 1 - 2 C103 3 2 2 C104 2 1 2 3 1 1 - 1 C104 1 2 3 AVERAGE 2.25 1.25 1.25 1.5 1.75 1.25 00 00 0.75 1.25 2.0 AVERAGE 2.2 2.0 2.5 MPHARM PHARMACEUTICAL CHEMISTRY	1 3 1
C103 2 - 3 3 2 1 - 2 C103 3 2 2 C104 2 1 2 3 1 - 1 C104 1 2 3 AVERAGE 2.25 1.25 1.25 1.5 1.75 1.25 00 00 0.75 1.25 2.0 AVERAGE 2.2 2.0 2.5 MPHARM PHARMACEUTICAL CHEMISTRY	3
C104 2 1 2 3 1 1 - 1 C104 1 2 3 AVERAGE 2.25 1.25 1.25 1.5 1.75 1.25 00 00 0.75 1.25 2.0 AVERAGE 2.2 2.0 2.5 MPHARM PHARMACEUTICAL CHEMISTRY	1
AVERAGE 2.25 1.25 1.25 1.5 1.75 1.25 00 00 0.75 1.25 2.0 AVERAGE 2.2 2.0 2.5 MPHARM PHARMACEUTICAL CHEMISTRY	1.75
MPHARM PHARMACEUTICAL CHEMISTRY	1 1 8
MAPPI   NG	PSO4
C101 . 3 2 2 - 1 C101 2 2 1	2
C102 3 3 - 2 - 3 - 2 C102 2	3
C103 2 3 2 2 C103 2 2 -	2
AVERAGE 2.6 1.6 00 0.66 00 2.6 00 00 2.3 0.66 1.6 AVERAGE 1.33 1.33 1.0	2.33
ADVANCED ORGANIC CHEMISTRY –I(MPC 102T)	
CO-PO MAPPING CO-PSO MAPPI NG	
Course Outcome         PO1         PO2         PO3         PO4         PO5         PO6         PO7         PO8         PO9         PO10         PO11         CO         PS01         PS02         PS03	PSO4
C101 3 2 - 2 1 1 1 1 1 C101 2 - 1	2
C102 2 2 1 - 1 C102 3 1 2	- 1111
C103 2 3 - 1 1 C103 1 2 -	1
C103 2 3 - 1 1 C103 1 2 -	1
C104 3 2 - 1 1 C104 - 2 1	1



Course Outcome         PO1         PO2         PO3         PO4         PO5         PO6         PO7         PO8         PO9         PO10         PO11         CO         PSO1         PSO2         PSO3         PSO           C101         3         2         -         2         1         -         -         2         1         1         C101         2         -         1         1           C102         3         2         -         -         -         1         -		1 - 2	1	PSO2	PSO1	CO							-			. 0	MAPPI NG	
C102 . 3 2 1 1 C102 1 1 2 - C103 2 3 - 1 1 C104 1 2 - 2 C104 3 2 - 1 1 C104 1 - 1 1 C104 CHEMISTRY OF NATURAL PRODUCTS (MPC 104T)  CO-PO MAPPING  CO		2				CO	PO11	PO10	PO9	POS	PO7	P06	PO5	P04	PO3	PO2		Course Outcome
C102 . 3 2 1 1 1 C103 1 2 - 2 C104 3 2 - 1 - 1 1 1 C104 1 1 I C104 1 1 I C104 I C104 I C105 I C104 I C105 I		2			2	C101	1	1	2				1	2		2	2	C161
C103 2 3 - 1 1 C103 1 2 - 2 C104 3 2 - 1 1 C104 1 1 1 C104 1 1 1 C104 1 C104 1 C104 1 C104 1 C104 I C		133	- Z	100	1000			-				-		-				244
C104 3 2 - 1 1 C104 1 1 1  AVERAGE 2.75 2.25 00 1.0 0.25 0.25 00 00 0.75 0.25 0.75 AVERAGE 1.25 0.75 1.0 1.0  CHEMISTRY OF NATURAL PRODUCTS (MPC 104T)  CO-PO MAPPING CO-PSO MAPPING NATURAL PRODUCTS (MPC 104T)  CO-PO MAPPING NATURAL PRODUCTS (MPC 104T)		133		200	1	C103	1	-				-	-11440	215				and the same of th
AVERAGE	0			100	10.	ALCOHOL:		1000			-		-					1,000,00
CHEMISTRY OF NATURAL PRODUCTS(MPC 104T)  CO-PO MAPPING PSO MAPPI NG		1.0	1.0	0.75	1.25	AVERAGE	7	0.25	578		00		0.25	2000	0.1			Treatment of the contract of t
CO-PO MAPPING CO-PSO MAPPI NG							1000000	1100000	10-14-1	10.8	-	******	+	The state of the s	10000	Service		CHEMISTRY OF NATURA
																	CO- PSO MAPPI	
	504	PSO4	PSO3	PSO2	PSO1	CO	POII	PO10	P09	PO8	P07	P06	P05	P04	P03	PO2		Course Outcome
C101 3 2 - 2 1 2 1 1 C101 2 1 1			1	1	2	C101	1	1	2	*	-	-	1	2	-	2	3	C101
C102 3 2 1 1 C102 1 - 2 3		3	2		1	C102		-	1			1	-	-	-	2 -	3	C102
C103 2 3 - 1 1 C103 - 2 1 1		1	1	2	-	C103	1	-		-	-	70	-	1	+:	3	2	C103
C104 3 2 - 1 1 C104 1 - 1		1		-	1	C104	1	-		*	-	-	-	1	•	2	3	C104
AVERAGE 2.0 2.25 00 1.0 0.25 0.25 00 00 0.75 0.25 0.75 AVERAGE 1.0 0.75 1.0 1.2	25	1.25	1.0	0.75	1.0	AVERAGE	0.75	0.25	0.75	00	00	0.25	0.25	1.0	00	2.25	2.0	AVERAGE
PHARMACEUTICAL CHEMISTRY PRACTICAL – I(MPC 105P)													105P)	(MPC	CAL-I	PRACTI	MISTRY	PHARMACEUTICAL CHE
CO-PO MAPPING PSO MAPPI NG																	PSO MAPPI	CO-PO MAPPING
Course Outcome PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 CO PSO1 PSO2 PSO3 PSC	504	PSO4	PSO3	PSO2	PSO1	CO	POH	PO10	P09	PO8	P07	PO6	PO5	P04	PO3	P02	PO1	Course Outcome
C101 3 2 - 2 1 2 1 1 C101 2 1 1 -		5	1	1	2	C101	1	1	2	-		5	1	2	-	2	3	C101
C102 3 2 1 1 C102 1 - 2 3		3	2	3	1	C102	53	-	1			1					N/	C102
C103 2 3 - 1 1 C103 - 2 1 1		J	1	2		C103	1	-	-			+	-	1	4	3	2	C103
AVERAGE 2.6 2.3 00 1.0 0.33 0.33 00 00 1.0 0.33 0.66 AVERAGE 1.0 1.0 1.33 1.3		1	1		4.0	AVEDACE	0.00	0.22	1.0	00	00	0.22	0.22	1.0	00		26	AVERAGE
SEMESTER II  ADVANCED SPECTRAL ANALYSIS (MPC 201T)		1	1.33	1.0	1.0	AVENAGE	0.00					0.55	11.33	1.0	UU	Acres 1	44.0	



CO-PO MAPPING	CO- PSO MAPPI NG	0				*										
Course Outcome	PO1	PO2	PO3	P04	PO5	PO6	PO7	PO8	PO9	PO10	PO11	co	PSO1	PSO2	PSO3	PSO4
C101	2	2	-	-	2	1	н.	-	1		1	C101	2	1	1	1
C102	2	2	-	-		1	-2	-	1	-	1	C102		1	2	1
C103	2	2	-	-	-	1	-	-	1		1	C103	1	2	1	1
AVERAGE	2.0	2.0	00	00	00	1.00	00	00	1.00	00	1.00	AVERAGE	1.0	1.33	1.33	1.0
ADVANCED ORGANIC	CHEMIST	RY -II(N	1PC 20	2T)	9,57			20								
CO-PO MAPPING	CO- PSO MAPPI NG PO1	PO2	PO3	P04	P05	PO6	P07	PO8	PO9	PO10	POII	CO	PSO1	PSO2	pgO2	PSO4
Course Outcome	POI	POZ	PO3	P04	POS	PUb	POT	PO8	PO9	POID	POIL	CO	1201	PS02	PS03	P504
C101	3	2	(#I)	1	2,	1	-		1	2	1	C101	3	2	1	1
C102	3	2		1		1			1		1	C102	1	1	-	1
C103	. 3	2		-		1	-	-	1	80	1	C103	-3	-:	1	2
C104	3	2		-	-			-	-		190	C104	1	2	2	1
AVERAGE	3.0	2.0	00	0.5	00	0.75	00	00	0.75	,00	0.75	AVERAGE	1.25	1.25	1.0	1.25
COMPUTER AIDED DR	UG DESIG	N(MPC	203T)													
CO-PO MAPPING	PSO MAPPI NG	-														
Course Outcome	POI	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
C101	3	3	-	3	3	3	_	1	3	-	2	C101	2	1	-	1
C102	3	3		2	3	3		-	3			C102		2	1	1
C103	3	3	1=0	2	1	2	+:	2	3	1	-	C103	1	1	1	2
C104	3	3		1		-			+	1	2	C104	1	2	2	1
AVERAGE	3.00	3.00	00	2	1.75	2.00	00	0.75	2.25	0.75	1.00	AVERAGE	1.00	1.00	1.00	1.25
LOS MUNICIPAL ADDITION OF A STATE OF		1-1/00/1904				1	EGE	10								7
PHARMACEUTICAL PR	OCESS CH	IEMIST	RY(MP	204T	1	-0-	EGE	ce 1							-/	College of assery, Ko



CO-PO MAPPING	CO- PSO MAPPI NG			Đ												
Course Outcome	PO1	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	PO10	POII	CO	PSO1	PSO2	PSO3	I
C101	2	2			2	d			-			CIAL		0		
C101	2	2	•	-		1	-	(#p)	1	-	1	C101 C102	1	2	-	1
AVERAGE	2	2	-	-	-	1	-	-	1	-	1	Control of the	1	2	2	2
	2.00	2.00	00	00	00	1.00	00	00	1.00	00	1.00	AVERAGE	1.0	2.0	1.0	1
PHARMACEUTICAL CHE	-	PRACTI	CAL II(	VIPC 2					F							_
CO-PO MAPPING	PSO MAPPI NG				6											
Course Outcome	PO1	PO2	PO3	PO4	PO5	P06	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	P
C101	3	2	-	2	1	-	-	100	2	1	1	C101	1		2	1
C102	3	2		9		1	-	-	1	-	-	C102		2		2
C103	2	3		1		-	-				1	C103	2	1	1	-
C104	3	2 .		1	-	*	-		-	4	1	C104	2	1	1	1
AVERAGE	2.75	2.25	00	1.00	0.25	0.25	00	00	0.75	0.25	0.75	AVERAGE	1.25	1.00	1.00	1
SEMESTER III	1.		100									18				
RESEARCH METHODOL	OGY ANI	D BIOST	ATISTIC	S (MR	M 301	(1										
CO-PO MAPPING	CO- PSO MAPPI NG	1	,													
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	СО	PSO1	PSO2	PSO3	P
C101	2	2	-	-	2	3	-		1	2	3	C101	2	1	3	2
C102	3	2	-	-	3	2	-	-	-	3	3	C102	3	3	2	1
C103	2		3	3	2	-	-		-		2	C103	3	2	2	3
C104	2	1	2	3		-//	-	177)			1	C104	1	2	3	1
C105	2	1	(20)	-	2	_	_	2	-	3	2	C105	2	1	2	2
C106	3	2	-	2	-	3	-		1	2	2	C106	2	1	3	3
AVERAGE	2.33	1.33	0.83	1.33	1.5	1.33	00	00	0.33	1.66	2.16	AVERAGE	2.2	1.7	2.5	2

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Manassery, Kozhikode



MPHARM PHARMA	CEUTIC	S														
SEMESTER I		18														
MODERN PHARMACE		NALYTIC	CAL TEC	HNIQ	JES (N	IPT10:	LT)			_			,			
CO-PO MAPPING	PSO MAPPI NG	3			/¥ *											
Course Outcome	PO1	PO2	P03	P04	P05	PO6	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
C101	3	2	2	2	2	2	2	2	2	2	1	C101	3	3	3	3
C102	3	3	2	2	1	3	2	3	3	2	2	C102	3	3	3	2
C103	2	2	2	2	2	3	2	2	2	2	2	C103	3	2	3	2
AVERAGE	2.6	2,3	2.0	2.0	1.6	2.6	2.0	2.3	2.3	2.0	1.6	,AVERAGE	3.0	3.0	3.0	3.0
DRUG DELIVERY SYSTE	AAC/AADL	1 102T)							-		10.			3300	1 23/41	
CO-PO MAPPING	CO- PSO MAPPI NG	120217														
Course Outcome	PO1	PO2	P03	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POH	CO	PSOI	PSO2	PSO3	PSO4
C101	2	2	2	3	3	1	2	2	1	1	2	C101	2	3	3	3
C102	1	2	1	1	2	2	1	1	1	2	2	C102	2	2	3	2
C103	2	2	1	2	2	1	2	3	1	2	1	C103	2	2	2	2
C104	2	2	2	3	2	2	2	2	2	2	2	C104	2	2	2	2
AVERAGE	1.75	2.0	1.5	2.25	2.25	1.5	1.7	2.0	1.25	1.75	1.75	AVERAGE	2.0	2.4	2.8	2.5
MODERN PHARMACE		PH 1031	T)													
CO-PO MAPPING	CO- PSO MAPPI								15	GE OA	- 1					PRINCIP College C Ssery, Ki



	NG															
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POII	CO	PSO1	PSO2	PSO3	PSO4
C101	3	2	2	2	1	21	2	1	1	1	1	C101	3	3	3	3
C102	3	2	2	2	ă.	1	2	2	1	1	2	C102	2	3	3	3
C103	3	2.5	1	1.5	1	2	2	2	2	1	1	C103	3	2	3	3
C104	3	2		1	2	2	2	2	1	1	1	C104	2	3	3	3
AVERAGE #	3.0	2.1	0.75	1.12	1.0	1.25	2.0	1.75	1.25	1.0	1.25	AVERAGE	2.8	2.9	3.0	3.0
REGULATORY AFFAIRS	MPH 104	4T)	١,													
CO-PO MAPPING	CO- PSO MAPPI															
Course Outcome	NG POI	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	POH	CO	PSO1	PSO2	PSO3	PSO4
C101	3	1.	1	2	2	2	2	2	3	3	3	C101	2	2	3	3
C102	3	2	2	2	1	2	2	2	3	3	3	C102	2	2	3	2
C103	3	2	3	3	2	3	2	2	2	3	3	C103	2	2	2	3
C104	3	2	2	2	2	3	2	2	2	3	3	C104	2	2	2	3
AVERAGE	3.0	1.75	2.0	2.25	1.75	2.5	2.0	2.0	2.5	3.0	3.0	AVERAGE	2.0	2.0	2.5	2.7
PHARMACEUTICS PRACE	TICALL	MPH10	5P)			9			_	Ti-			-			
CO-PO MAPPING	CO- PSO MAPPI NG											2,4 1				
Course Outcome	POI	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	POII	СО	PS01	PSO2	PSO3	PSO4
C101	3	1	1	2	2	2	2	2	3	3	3EG	CIOI	3	3	3	RINCIPA college of ssery, Koz



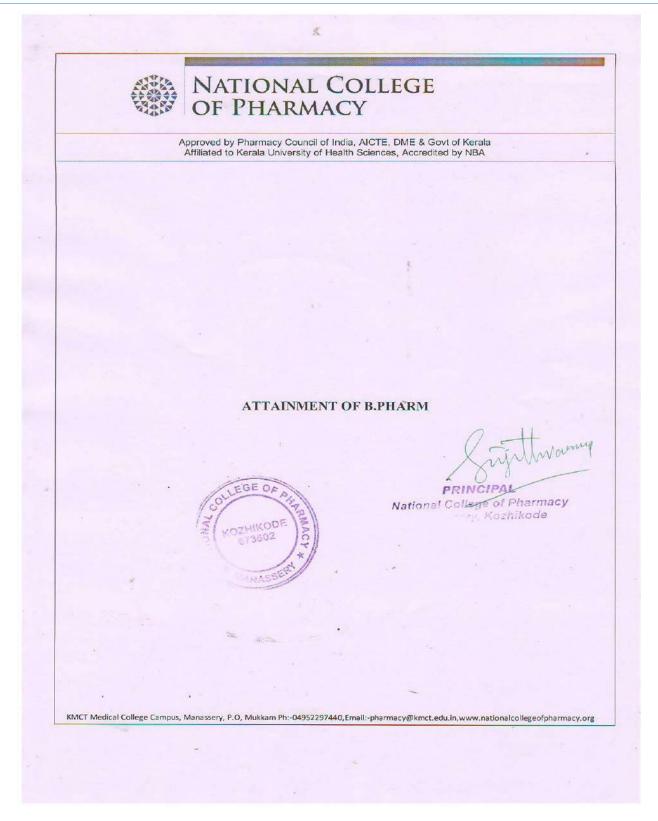
- 2					_								CIM		10	2	2
	C102	3	2	2	2	1	2	2	2	3	3	3	C102	2	3	3	3
	C103	3	2	3	3	2	3	2	2	2	3	3	C103	3	2	3	3
	C104	3	2	2	2	2	3	2	2	2	3	3	C104	2	3	3	3
	AVERAGE	3.0	1.75	2.0	2.25	1.75	2.5	2.0	2.0	2.5	3.0	3.0	AVERAGE	2.8	2.9	3	3
1	MOLECULAR PHARMA	CEUTICS(NA	NOTEC	4 & TAR	GETTE	D DDS)	(MPH2	201T)									
	CO-PO MAPPING	CO- PSO MAPPI NG			1												
	Course Outcome	POI	PO2	P03	P04	P05	P06	P07	PO8	PO9	PO10	POIL	CO	PSO1	PSO2	PSO3	PSO4
1	C101	3	2	1	2	2	2	2	3	3	2	1	C101	2	2	3	3
1	C102	2	1	2	2	2	3	2	3	2	2	2	C102	2	2	3	2
	C103	3	2	2	2	3	3	3	2	2	2	1	C103	2	2	2	3
	C104	2	3	3	1	2	2	3	3	2	2	2	C104	2	2	2	3
	AVERAGE	2.3	2.16	2.2	1.8	2.3	2.5	2.5	2.6	2.3	2.0	1.6	AVERAGE	2.0	2.0	2.5	2.7
	ADVANCED BIOPHAR	RMACEUTI	CS &PH.	ARMAG	OKINI	ETICS(I	MPH 2	(02T)									
	CO-PO MAPPING	CO- PSO MAPPI NG															
	Course Outcome	PO1	PO2	P03	P04	PO5	PO6	P07	PO8	P09	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
	C101	3	2	1	2	2	2	2	3	3	2	1	C101	3	3	3	3
	C102	2	1	2	2	2	3	2	3	2	2	2	C102	2	3	3	2
d .		3	2	2	2	3	3	3	2	2	2	1	C103	3	2	1	31

AVERAGE	2.3	2.16	2.2	1.8	2.3	2.5	2.5	2.6	2.3	2.0	1.6	AVERAGE	2.5	2.6	2.6	2.5
COMPUTER AIDED DRU	JG DEVE	LOPME	NT(MP	H 2031	r)											
CO-PO MAPPING	PSO - MAPPI NG															
Course Quicome	POI	PO2	PO3	P04	PO5	P06	PO7	PO8	PO9	PO10	POH	CO	PSO1	PSO2	PSO3	PSO4
C101	3	3	2	3	2	3	-	1	3	2	2	C101	3	3	3	3
C102 #	3	2.5	2	1.5	2	3	-	-	3	•	•	C102	2	2	3	2
C103	3	3	2	1.5	2	2	-		3	1	÷	C103	3	3	2	3
C104	3	2.5		1	•		-	3	2	1	2	C104	2	2	3	3
AVERAGE	3.00	2.75	1.5	1.75	1.5	2.00	00	1.00	2.60	1.0	1.0	AVERAGE	2.5	2.3	2.6	2.5
COSMETICS AND COSM	ECELITIC	AISIM	PH 204	T)	14									_	_	
CO-PO MAPPING	CO- PSO MAPPI NG													Ė		
Course Outcome	POI	PO2	PO3	PO4	P05	P06	PO7	PO8	PO9	PO10	PO11	CO	PSO1	PSO2	PSO3	PSO4
C101	2	2	>	-	2	3	*	-	1	2	3	C101	3	3	3	3
C102	3	2		-	3	2		-	-	3	3	C102	2	3	3	2
C103	2		3	3	2				-		2	C103	3	2	3	3
C104	2	1	2	3	-	-			-		1	C104	2	3	2	3
AVERAGE	2.25	1.25	1.25	1.5	1.75	1.25			0.25	1.25	2.25	AVERAGE	2.5	2.6	2.6	2.5
PHARMACEUTICS PRAC	TICAL III	MPH20	5P)			-					_			-	-	-
CO-PO MAPPING	CO- PSO MAPPI									//	EGE	FPA			1	PRINCIP College assery.



Course Outcome	NG POI	PO2	PO3	PO4	P05	P06	PO7	POS	PO9	PO10	POII	CO	PSO1	PSO2	PSO3	PSO4	
C101	3	2	-	2	1	3 <b>.</b>	-	2	2	2	2	C101	2	1	1	-	
C102	2	2	-	1	-1		-	1	1	3	3	C102	-	-	2	3	
C103	3	1	-	1	2	3	-0	-	1	2	3	C103	3	2	2	1	
C104	2	1	-	2	1	7	5	al.	1	2	2	C104		1		2	
AVERAGE	2.5	1.5	00	1.5		0.75	00	0.75	1.25	2.25	2.5	AVERAGE	1.25	1.0	1.25	1.5	
SEMESTER III					-	1	-										
RESEARCH METHODOL	OGY AN	D BIOST	TATISTIC	S(MR	M 301	T)			T, III								
CO-PO MAPPING	CO- PSO MAPPI NG																
Course Outcome	POI	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PO10	PO11	CO	PS01	PSO2	PSO3	PSO4	
C101	2	2	-	-	2	3	7.		1	2	3	C101	2	1	3	2	
C102	3	2		-	3	2		-	-	3	3	C102	3	3	2	1	1
C103	2	-	3	3	2	-	2	2		-	2	C103	3	2	2	3	
C104	2	1 .	2	3	-	-	-	-	-	-	1	C104	1	2	3	1	
C105	2	1	-	-	2	-	-	-	*	3	2	C105	2	1	2	2	
C106	3	2	-	2	-	3		-	1	2	2	C106	2	1	3	3	
AVERAGE	2.33	1.3	0.83	1.3	1.5	1.33	00	00	0.33	1.6	2.16	AVERAGE	2.2	1.7	2.5	2.0	
					NAL CO.	SE OF	ATTO BE	WACY *				<b>\</b>	W winner	RINC	IPAL MORE KOM	oharmac nikoda	у







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## PROGRAM OUTCOME B.PHARM (2021-2022)

## COURSE: HERBAL DRUG TECHNOLOGY

## PROGRAM OUTCOME

POI Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.

PO2 Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

PO3 Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.

PO4 Modern tool usage: Learn, select, and apply appropriate methods and procedures resources, and modern pharmacy-related computing tools with an understanding of the limitations.

PO5 Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and teambuilding when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and wellbeing.

PO6 Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

PO7 Pharmaceutical Ethics: Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in

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values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

POS Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

PO9 The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

PO10 Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO11 Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and satisfy these needs on an ongoing basis.

### PROGRAM-SPECIFIC OUTCOME

**PSO1:** Equip a profound understanding of different subjects of pharmaceutical sciences and enable them to fulfill industry and healthcare standards.

**PSO2:** Provide high levels of professionalism, ethical conduct, and leadership qualities, ensuring responsible contributions to the healthcare community.

**PSO3:** Provide proficiency in problem-solving methodologies for designing innovative solutions for drug development, quality assurance, and patient care.

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**PSO4:** Empower with strong communication skills to effectively convey pharmaceutical information to diverse audiences and cultivate an ability to excel in teamwork for collaborating seamlessly with healthcare teams to optimize patient care outcomes.

### COURSE OUTCOME (CO)

BP 603 T	HERBAL DRUG TECHNOLOGY
CO1	To understand about selection of herbs from its sources, good agricultural practices, processing and development of herbal medicinal products. Learn about Indian systems of medicines, formulation and standardization of medicines. Understand GMP of Indian systems of medicines.
CO2	Understand the importance and applications of nutraceuticals in healthcare and its market demand. Analyze herbal drug interactions and its importance in health care.
CO3	To understand the sources and description of raw materials from herbs used in personal care products. Also, learn about the use/application of herbal excipients in formulations and novel dosage forms.
CO4	To understand the evaluation and stability testing of herbal drugs as per WHO & ICH guidelines. Also to explain the patenting aspects of natural products.

SL NO	COURSE OUTCOME (CO)	(BLOOMS LEVEL)
COI	To understand about selection of herbs from its sources, good agricultural practices, processing and development of herbal medicinal products. Learn Indian systems of medicines, formulation and standardization of medicines. Understand GMP of Indian systems of medicines.	L1, L2, L4, L6
CO2	Understand the importance and applications of nutraceuticals in healthcare and its market demand. Analyze herbal drug interactions and its importance in health care.	L1, L2, L4

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	NATIONAL COLLEG OF PHARMACY	GE	100,000
To understan	approved by Pharmacy Council of India, AICTE, DM Affiliated to Kerala University of Health Sciences, A ad the sources and description of raw materials sed in personal care products. Also, learn about cation of herbal excipients in formulations and age forms.	ccredited by NBA	
drugs as per	d the evaluation and stability testing of herbal WHO & ICH guidelines. Also to explain the sects of natural products.	L2, L3, L5	

CO4

SL NO	COURSE OUTCOME	PO	PSO
CO1	To understand about selection of herbs from its sources, good agricultural practices, processing and development of herbal medicinal products. Learn about Indian systems of medicines, formulation and standardization of medicines. Understand GMP of Indian systems of medicines.	1,2,3,4,7,9,10,11	1,2,3,4
CO2	Understand the importance and applications of nutraceuticals in healthcare and its market demand. Analyze herbal drug interactions and its importance in health care.	1,2,4,6,7,9,11	1,2,3,4
CO3	To understand the sources and description of raw materials from herbs used in personal care products. Also learn about the use/application of herbal excipients in formulations and in novel dosage forms.	1,2,3,4,6,7,9,11	1,2,4
CO4	To understand the evaluation and stability testing of herbal drugs as per WHO & ICH guidelines. Also to explain about the patenting aspects of natural products.	1,9,10,11	1





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# CO Vs PO MAPPING (PO)

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO1
CO1	1	1	1	2	-		1	-	1	3	2
CO2	3	3	-	3	-	2	2		3	1-0	3
CO3	3	1	2	3	-	1	1	2	1	25	3
CO4	3	-	-	-	3.50	-		-	3	1	2
AVG	2.5	1.25	0.75	2	0	0.75	1.0	0	2	1	2.5

### COURSE OUTCOME - PROGRAM SPECIFIC OUTCOME MATRIX

SL NO	COURSE OUTCOME	PROGRAM SPECIFIC OUTCOME MATRIX					
		PSO 1	PSO 2	PSO 3	PSO 4		
COI	To understand about selection of herbs from its sources, good agricultural practices, processing and development of herbal medicinal products. Learn about Indian systems of medicines, formulation and standardization of medicines. Understand GMP of Indian systems of medicines.	3	1	2	1		
CO2	Understand the importance and applications of nutraceuticals in healthcare and its market demand. Analyze herbal drug interactions and its importance in health care.	3	2	1	2		
CO3	To understand the sources and description of raw materials from herbs used in personal care products. Also, learn about the use/application of herbal excipients in formulations and novel dosage forms.	3	2		1		
To understand the evaluation and stability testing of herbal drugs as per WHO & ICH guidelines. Also to explain the patenting aspects of natural products.		2	1000	*			
	AVERAGE	2.75	1.25	0.75	1		

INFERENCE: 1- LOW, 2- MEDIUM, 3 -HIGH

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# COMPUTATION OF COURSE OUTCOME - PROGRAM OUTCOME/ PROGRAM SPECIFIC OUTCOME ATTAINMENT

COURSE	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3	PSO4
HDT	3	1	1	2	0	1	1	.0	2	1	3	3	1	1	1
AVERAGE	2.5	1.25	0.75	2	0	0.75	1.0	0	2	1	2.5	2.75	1.25	0.75	1

### COURSE OUTCOME ATTAINMENT

### ASSESSMENT PATTERN

ASSESSMENT TYPE	ASSESSMENT TOOL				
	FIRST INTERNAL EXAMINATION (CM- 10+SM-15) THEORY- 25				
DIRECT ATTAINMENT	SECOND INTERNAL EXAMINATION (CM- 10+SM-15) THEORY - 25				
	END SEMESTER EXAMINATION THEORY -75				
INDIRECT ATTAINMENT	COURSE END SURVEY/ ONE MINUTE PAPER WRITING				

DIRECT COURSE OUTCOME ATTAINMENT = 20% OF INTERNAL EXAMINATION (IE) ATTAINMENT +80% OF END SEMESTER EXAMINATION (EE) ATTAINMENT.

OVERALL COURSE OUTCOME ATTAINMENT = 90% DIRECT COURSE OUTCOME

ATTAINMENT TO OF INDIRECT ATTAINMENT

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### CO ATTAINMENT TARGET LEVEL

ASSESSMENT METHOD	ATTAINMENT LEVEL					
		FHRESHOLD VALUE FOR THEORY -75 ESHOLD VALUE IS 50%. i.e 0.5 X (75) = 37.5				
END SEMESTER EXAMINATIONS	LEVEL I	50% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
	LEVEL 2	60% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
	LEVEL 3	70% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
ASSESSMENT METHOD		ATTAINMENT LEVEL				
INTERNAL	THRES	INTERNAL ASSESSMENT (25) (CM+SM-10+15=25) SHOLD VALUE IS 50%. i.e 0.5 X (10+15) = 12.5				
EXAMINATIONS	LEVEL 1	50% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
	LEVEL 2	60% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
	LEVEL 3	70% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				

# COMPUTATION OF CO DIRECT ATTAINMENT

COs	Assessment tool (Internal	THE RESERVE OF THE PARTY OF	EXAMINATION IE)	END SEMESTER EXAMINATION (EE)	DIRECTCO ATTAINMENT = (0.2*IE
	examination /End Semester examination)	ATTAINME NT LEVEL	AVERAGE ATTAINME NT LEVEL	ATTAINME NT LEVEL	ATTAINMENT LEVEL) + (0.8*EE ATTAINMENT LEVEL)
COI	THEORY	2.1	2.1	3	2.82
CO2	THEORY	1.8	1.8	3	2.76
CO3	THEORY	2.25	2.25	3	2.85
CO4	THEORY	2.0	2.0	3	2.80

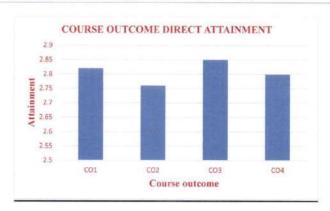
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# COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of CO HDT= (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

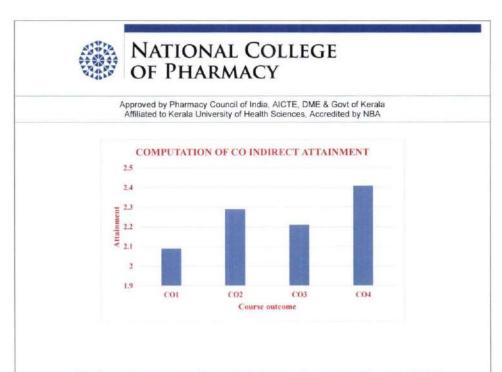
COS	CO1	CO2	CO3	CO4
Students Answered Level -1	21	13	14	8
Students Answered Level -2	25	26	30	27
Students Answered Level -3	28	35	30	39
TOTAL STUDENTS PARTICIPATED	74	74	74	74
CO AttainmentLevel	2.09	2.29	2.21	2,41

INFERENCE: 1- LOW, 2- MEDIUM, 3-HIGH

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# COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

со	DIRECT CO ATTAINMENT LEVEL(DA)	INDIRECT CO ATTAINMENT LEVEL(IDA)	OVERALL CO ATTAINMENT LEVEL (0.9*DA+0.1*IDA)
CO1	2.82	2.09	2.74
CO2	2.76	2.29	2.71
CO3	2.85	2.21	2.78
CO4	2.80	2.41	2.76
AVERA	GE CO ATTAINME	2.74	

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### PO\PSO ASSESMENT PROCESS

COURSE	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PO10	PO11
HERBAL DRUG TECHNOLOGY	3	1	1	2	0	1	1	0	2	1	3
AVERAGE	2.5	1.25	0.75	2	0	0.75	1.0	0	2	1	2.5

PO	ATTAINMENT LEVEL
PO1	2.5X2.74/3=2.28
PO2	1.25X2.74/3=1.14
PO3	0.75X2.74/3=0.68
PO4	2.0X2.74/3=1.82
PO6	0.75X2.74/3=0.68
PO7	1.0X2.74/3=0.91
PO9	2.0X2.74/3=1.82
PO10	1.0X2.74/3=0.91
POII	2.5X2.74/3=2.28

# RESULT OF PO ATTAINMENT

COURSE	PO1	PO2	PO3	PO4	PO6	PO7	PO9	PO10	POII
HDT	3	1	1	2	1	1	2	1	3
ATTAINMENT	2.28	1.14	0.68	1.82	0.68	0.91	1.82	0.91	2.28

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# PSO's ATTAINMENT RESULTS

PSO= Average value of PSO\*CO attainment average/3

### PSO MAPPING

COURSE	PSO1	PSO2	PSO3	PSO4
HDT	3	1	1	1
AVERAGE	2.75	1.25	0.75	1

### PSO ATTAINMENT COMPUTATION

PSO	ATTAINMENT LEVEL
PSO1	2.75*2.74/3=2.51
PSO2	1.25*2.74/3=1.14
PSO3	0.75*2.74/3=0.68
PSO4	1.0*2.74/3=0.91

### PSO ATTAINMENT LEVELS

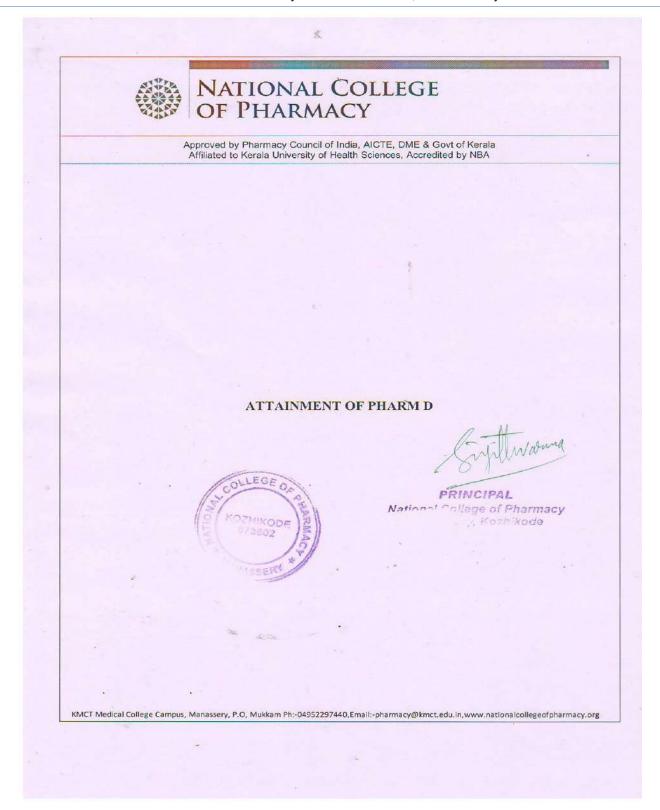
COURSE	PSO1	PSO2	PSO3	PSO4
HDT	3	The second second	1	I I
ATTAINMENT	2.51	1.14	0.68	0.91



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### PROGRAM OUTCOME PHARM. D

### COURSE: PHARMACOLOGY I

#### PROGRAM OUTCOME

PO1: Demonstrate comprehension of basic principles of pharmaceutical sciences along with the ability to acquire manage and use current evidence-based care to promote safe and optimal pharmacotherapy outcomes.

PO2: Apply critical thinking skill, including investigation, applications, analysis, creativity and evaluation of data and document related to drug, clinical investigation, pharmaceutical care and

PO3: The students are in an ideal position to provide a link between prescriber and patient and to communicate information on health and medicines to the public

PO4: Using the best available evidence students will provide patient-centered care to diverse patients.

PO5: Students will design, implement and assess initiatives to improve health and wellness

PO6: The students are able to use the evidences effectively in health care team including optimizing patient care and outcomes from their documenting experiences.

PO7: Students are able to increase the accessibility of unbiased health and medicine related to the public and other health care professionals.

PO8: Students will engage in innovative activities by using creative thinking for developing technological products in healthcare practices.

PO9: Students will exhibit professional ethics, attitudes and behaviors by demonstrating compassion, integrity and respect for others. Students should gain the ability to assume a leadership position in the overall welfare of the patient and community.

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### PROGRAM- SPECIFIC OUTCOME

**PSO1:** Acquire a thorough knowledge and solid foundation in different subjects of pharmaceutical sciences to fulfill industry and healthcare standards.

PSO2: Provide culturally and socially appropriate pharmaceutical care, fostering inclusion, diversity and advocating for health equity.

PSO3: Understand the significance of pharmaceutical care, medication management, pharmacoeconomics, and pharmacogenomics, as well as the fundamentals of hospital, community, and clinical pharmacy in providing for the needs of the community.

**PSO4:** Provide effective and empathic communication with members of the healthcare team, patients, and their care partners to enhance patient care through creative problem-solving.

### COURSE OUTCOME (CO)

2.4	PHARMACOLOGY I
COI	To remember the general pharmacology (such as definitions, scope, routes of drug administration, pharmacokinetics, pharmacodynamics, factors modifying drug effects, drug toxicity, pre-clinical evaluations and drug interactions)
CO2	Understand the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on autonomic nervous system
соз	Implement the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on cardio vascular system.

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CO4	Apply the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on central nervous system
CO5	Analyze the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on respiratory system
CO6	Create the importance of hormones and hormone antagonist, autocoids and and their antagonist.

CO's	COURSE OUTCOME (CO)	KNOWLEDGE LEVEL (BLOOMS LEVEL)
COI	To remember the general pharmacology (such as definitions, scope, routes of drug administration, pharmacokinetics, pharmacodynamics, factors modifying drug effects, drug toxicity, pre-clinical evaluations and drug interactions)	L1, L2
CO2	Understand the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on autonomic nervous system	L1, L2, L3
CO3	Implement the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on cardio vascular system.	L3, L4

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CO4	Apply the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on central nervous system	L1, L2, L3, L4
CO5	Analyze the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on respiratory system	L1, L2, L3, L4
CO6	Create the importance of hormones and hormone antagonist, autocoids and and their antagonist.	L1, L2, L4

SL NO	COURSE OUTCOME	PO	PSO
COI	To remember the general pharmacology (such as definitions, scope, routes of drug administration, pharmacokinetics, pharmacodynamics, factors modifying drug effects, drug toxicity, pre-clinical evaluations and drug interactions)	2	1,2
CO2	Understand the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on autonomic nervous system	2, 8	1,2
CO3	Implement the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on cardio vascular system.	( <del>)</del> )	1,2

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CO4	Apply the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on central nervous system	-	1,2
CO5	Analyze the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on respiratory system	2, 5, 7, 8	1,2
CO6	Create the importance of hormones and hormone antagonist, autocoids and and their antagonist.	2, 5, 8	1,2

# CO Vs PO MAPPING (PO)

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1		1	2	2	-	3	3	-	-
CO2	*	3	2	2	-	3	3	-	- 5
CO3	128	3	2	2	-	3	3		-
CO4		3	2	2	-	3	3		-
CO5	-	3	2	2	-	3	3	-	-
CO6	-2	3	2	2	2	3	3	12	-
AVG	-	2.83	2	2	-	3	3	-	-

INFERENCE: 1- LOW, 2- MEDIUM, 3 -HIGH



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### COURSE OUTCOME - PROGRAM SPECIFIC OUTCOME MATRIX

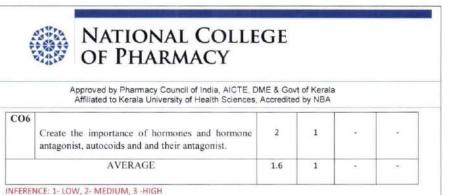
SL NO	COURSE OUTCOME			A SPECIF E MATR	
		PSO 1	PSO 2	PSO 3	PSO 4
CO1	To remember the general pharmacology (such as definitions, scope, routes of drug administration, pharmacokinetics, pharmacodynamics, factors modifying drug effects, drug toxicity, pre-clinical evaluations and drug interactions)	1	1		
CO2	Understand the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on autonomic nervous system	1	1		5.
CO3	Implement the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on cardio vascular system.	2	1		
CO4	Apply the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on central nervous system	2	1	*	*
CO5	Analyze the entire pharmacology (such as definitions, classifications, pharmacokinetics, pharmacodynamics, mechanisms of actions, pharmacological actions, adverse drug reactions, drug interactions contraindications, doses and uses) acting on respiratory system	2	1		-

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# COMPUTATION OF COURSE OUTCOME – PROGRAM OUTCOME/ PROGRAM SPECIFIC OUTCOME ATTAINTMENT

COURSE	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
PHARMACOLOGY 1	0	3	2	2	0	3	3	0	0	2	1	0	0
AVERAGE	0	2.83	2	2	0	3	3	0	0	1.6	1	0	0

### COURSE OUTCOME ATTAINMENT

# ASSESSMENT PATTERN

ASSESSMENT TYPE	ASSESSMENT TOOL
	FIRST INTERNAL EXAMINATION THEORY- 30
	SECOND INTERNAL EXAMINATION THEORY - 30
DIRECT ATTAINMENT	THIRD INTERNAL EXAMINATION THEORY-30
	YEAR-END EXAMINATION THEORY- 70
INDIRECT ATTAINMENT	COURSE END SURVEY/ ONE MINUTE PAPER WRITING

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DIRECT COURSE OUTCOME ATTAINMENT = 20% OF INTERNAL EXAMINATION (IE) ATTAINMENT +80% OF YEAR END EXAMINATION (EE) ATTAINMENT.

OVERALL COURSE OUTCOME ATTAINMENT = 90% DIRECT COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT ATTAINMENT

### CO ATTAINMENT TARGET LEVEL

ASSESSMENT METHOD		ATTAINMENT LEVEL			
		FHRESHOLD VALUE FOR THEORY - 70 IRESHOLD VALUE IS 50%. i.e 0.5X(70)=35			
YEAR-END EXAMINATION	LEVELI	50% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY			
	LEVEL2	60% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY			
	LEVEL3 70% OF STUDENTS SCORING MORE TH MARKS IN THEORY				
ASSESSMENT METHOD		ATTAINMENT LEVEL			
	тн	INTERNAL ASSESSMENT (30) RESHOLD VALUE IS 50%, i.e 0.5 X (30) = 15			
INTERNAL EXAMINATIONS	LEVEL 1	50% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY			
	LEVEL 2	60% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY			
	LEVEL 3	70% OF STUDENTS SCORING MORE THAN 50%			

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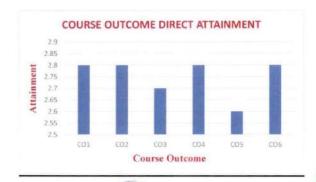




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### COMPUTATION OF CO DIRECT ATTAINMENT

COs	Assessment tool (internal	(internal EXAMINATION(IE) EXAMINATION (EE)		ool EXAMINATION(IE) EXAMINAT internal ON (EE)		EXAMINATI	DIRECT CO ATTAINMENT =(0.2*IE ATTAINMENT LEVEL)+(0.8*EE
	/year end examination)	Attainment level	Average attainment level	Attainme ntlevel	ATTAINMENT LEVEL)		
CO1	THEORY	2	2	3	2.8		
CO2	THEORY	2	2	3	2.8		
CO3	THEORY	1.5	1.5	3	2.7		
CO4	THEORY	2	2	3	2.8		
CO5	THEORY	1	1	3	2.6		
CO6	THEORY	2	2	3	2.8		



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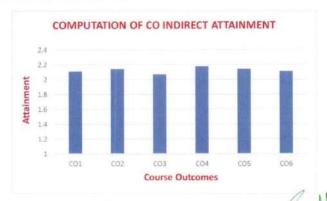
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### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of CO of Pharmacology I= (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

COS	CO1	CO2	CO3	CO4	CO5	CO6
Students Answered Level -1	5	6	7	7	7	7
Students Answered Level -2	14	11	11	8	9	10
Students Answered Level -3	8	10	9	12	11	10
TOTAL STUDENTS PARTICIPATED	27	27	27	27	27	27
CO Attainment Level	2.11	2.14	2,07	2,18	2.14	2.11

INFERENCE: 1- LOW, 2- MEDIUM, 3-HIGH



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### COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

со	DIRECT CO ATTAINMENT LEVEL(DA)	INDIRECT CO ATTAINMENT LEVEL(IDA)	OVERALL CO ATTAINMENT LEVEL (0.9*DA+0.1*IDA)
CO1	2.8	2.11	2.73
CO2	2.8	2.14	2.73
CO3	2.7	2.07	2.63
CO4	2.8	2.18	2.73
CO5	2.6	2.14	2.55
CO6	2.8	2.11	2.73
AVERA	GE CO ATTAIN	MENT	2.68

### PO\PSO ASSESMENT PROCESS

COURSE	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9
PHARMACOLOGY I	0	3	2	2	0	3	3	0	0
AVERAGE	0	2.83	2	2	0	3	3	0	0

PO	ATTAINMENT LEVEL
PO2	2.83X2.68/3=2.52
PO3	2.0X2.68/3=1.78
PO4	2.0X2.68/3=1.78
PO6	3.0X2.68/3=2.68
PO7	3.0X2.68/3=2.68

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# RESULT OF PO ATTAINMENT

COURSE	PO2	PO3	PO4	PO6	PO7
PHARMACOLOGY I	3	2	2	3	3
ATTAINMENT	2.52	1.78	1.78	2.68	2.68

# PSO's ATTAINMENT RESULTS PSO=Average value of PSO\*CO attainment average/3

### **PSO MAPPING**

COURSE	PSO1	PSO2	PSO3	PSO4
PHARMACOLOGY 1	2			
AVERAGE	1.6	1		

### PSO ATTAINMENT COMPUTATION

PSO	ATTAINMENT LEVEL
PSO1	1.6*2.68/3=1.42
PSO2	1.0*2.68/3=0.89

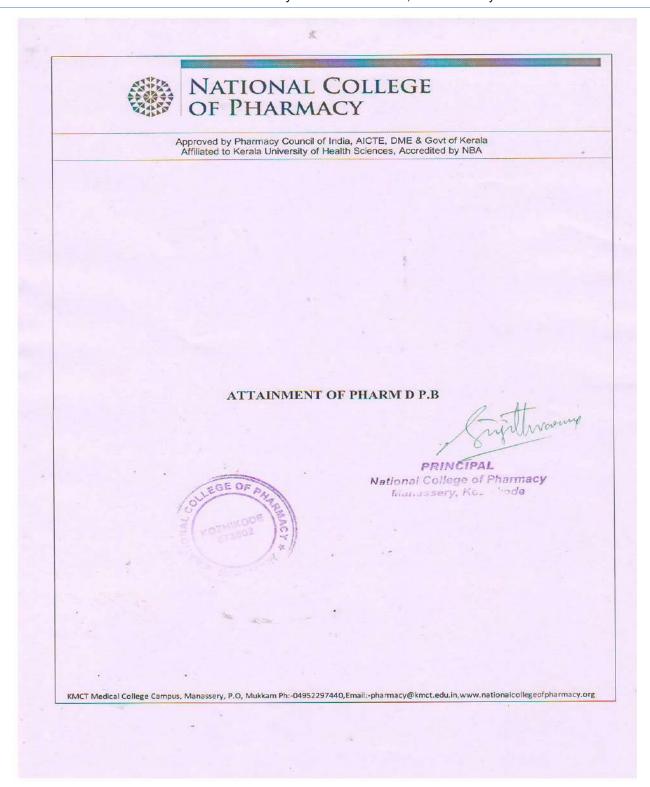
### PSO ATTAINMENT LEVELS

COURSE	PSOI	PSO2
PHARMACOLOGY I	2	1
ATTAINMENT	1.42	0.89

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# PROGRAM OUTCOME PHARM D POST BACCALAUREATE (2021-2022)

### COURSE: PHARMACOTHERAPEUTICS 1 &II

### PROGRAM OUTCOME

PO1: The Pharmacy program aims to equip students to understand the fundamental principles in pharmaceutical sciences which are essential for the pharmacy profession.

PO2: The students are trained to develop skills in formulating and dispensing medications, considering patient needs and overcoming potential incompatibilities.

PO3: Applying critical thinking skills in pharmacy involves investigating, analyzing, evaluating, and creatively applying data and documents related to drugs, clinical investigations, pharmaceutical care, and practice.

PO4: Gain the ability to demonstrate and communicate ethical values and a commitment to societal welfare. Also must ensure that patient privacy and confidentiality are protected...

PO5: To enhance the entrepreneurial capabilities and develop a sense of professional responsibility.

PO6: To develop a strong sense of professional responsibility to use medications safely and effectively.

PO7: The students learn to regulate and utilize marketed drugs in patient care and use evidence based practices in healthcare teams

PO8: The students are able to use the evidences effectively in health care team including optimizing patient care and outcomes from their documenting experiences...

PO9: The students are in an ideal position to provide a link between prescriber and patient and to communicate information on health and medicines to the public.

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# PROGRAM-SPECIFIC OUTCOME

**PSO1:** Acquire a thorough knowledge and solid foundation in different subjects of pharmaceutical sciences to fulfill industry and healthcare standards.

PSO2: Provide culturally and socially appropriate pharmaceutical care, fostering inclusion, diversity and advocating for health equity.

PSO3: Understand the significance of pharmaceutical care, medication management, pharmacoeconomics, and pharmacogenomics, as well as the fundamentals of hospital, community, and clinical pharmacy in providing for the needs of the community.

**PSO4:** Provide effective and empathic communication with members of the healthcare team, patients, and their care partners to enhance patient care through creative problem-solving.

### COURSE OUTCOME (CO)

1.1	PHARMACOTHERAPEUTICS I& II-THEORY
COI	Understand the pathophysiology, clinical manifestations and management of common diseases associated with different systems of human body.
CO2	Understand the therapeutic approach to the management of the diseases based on latest guidelines.
CO3	Understand the guidelines for rational use of antibiotics.
CO4	Understand the role of pharmacist in essential drug concept and rational drug use.
CO5	Understand the basic principle of cancer and to know cancer chemotherapeutic agents.
C06	Understand the general prescribing guidelines for special population such as geriatrics, paediatrics, pregnancy and lactating women.

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SL		KNOWLEDGE LEVEL
NO	COURSE OUTCOME (CO)	(BLOOMS LEVEL)
COI	Understand the pathophysiology, clinical manifestations and management of common diseases associated with different systems of human body.	L2, L1
CO2	Understand the therapeutic approach to the management of the diseases based on latest guidelines.	L2
CO3	Understand the guidelines for rational use of antibiotics.	L2
C04	Understand the role of pharmacist in essential drug concept and rational drug use.	L2
C05	Understand the basic principle of cancer and to know cancer chemotherapeutic agents.	L2
C06	Understand the general prescribing guidelines for special population such as geriatrics, paediatrics, pregnancy and lactating women.	L2

SL NO	COURSE OUTCOME	PO	PSO
CO1	Understand the pathophysiology, clinical manifestations and management of common diseases associated with different systems of human body.	1,2,3,4,5,6,7,8,9	1,2,3,4
CO2	Understand the therapeutic approach to the management of the diseases based on latest guidelines.		1,2,3,4
CO3	Understand the guidelines for rational use of antibiotics.	1,2,3,4,5,6,7,8,9	1,2,3,4

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CO4	Understand the role of pharmacist in essential drug concept and rational drug use.	1,2,3,4,5,6,7,8,9	1,2,3,4
CO5	Understand the basic principle of cancer and to know cancer chemotherapeutic agents.	1,2,3,4,5,6,7,8,9	1,2,3,4
CO6	Understand the general prescribing guidelines for special population such as geriatrics, paediatrics, pregnancy and lactating women.	1,2,3,4,6,7,8,9	1,2,3,4

### PROGRAM OUTCOME (PO)

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	3	3	2	1	3	2	3	3
CO2	2	3	3	2	1	3	2	3	3
CO3	2	3	3	2	1	3	2	3	3
CO4	2	3	3	2	1	3	2	3	3
C05	2	3	3	2	1	3	2	3	3
CO6	2	2	3	3	-	3	3	3	2
AVG	2	2.8	3	2.1	0.83	3	2.1	3	2.8

INFERENCE: 1- LOW, 2- MEDIUM, 3-HIGH

### COURSE OUTCOME - PROGRAM-SPECIFIC OUTCOME MATRIX

SL NO	COURSE OUTCOME	PROGRAM SPECIFIC OUTCOME MATRIX						
		PSO 1	PSO 2	PSO 3	PSO 4			
C01	Understand the pathophysiology, clinical manifestations and management of common diseases associated with different systems of human body.	3	2	3	3			

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CO2	Understand the therapeutic approach to the management of the diseases based on latest guidelines.	3	2	3	3
CO3	Understand the guidelines for rational use of antibiotics.	3	2	3	3
CO4	Understand the role of pharmacist in essential drug concept and rational drug use.	3	3	3	3
CO5	Understand the basic principle of cancer and to know cancer chemotherapeutic agents.	3	2	3	3
CO6	Understand the general prescribing guidelines for special population such as geriatrics, paediatrics, pregnancy and lactating women.	3	3	3	2
	AVERAGE	3	2.3	3	2.8

INFERENCE: 1- LOW, 2- MEDIUM, 3 -HIGH

# <u>COMPUTATION OF COURSE OUTCOME – PROGRAM OUTCOME/</u> <u>PROGRAM SPECIFIC OUTCOME ATTAINTMENT</u>

COURSE	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
(PHARMACOTHERAPEUTICS I & II)	2	3	3	2	1	3	2	3	3	3	2	3	3
AVERAGE	2	2.8	3	2.1	0.83	3	2.1	3	2.8	3	2.3	3	2.8

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### COURSE OUTCOME ATTAINTMENT

# ASSESSMENT PATTERN

ASSESSMENT TYPE	ASSESSMENT TOOL
	FIRST INTERNAL EXAMINATION THEORY- 30
DIRECT ATTAINMENT	SECOND INTERNAL EXAMINATION THEORY - 30
PIRECIATIANMENT	THIRD INTERNAL EXAMINATION THEORY-30
	YEAR-END EXAMINATION THEORY- 70
INDIRECT ATTAINMENT	COURSE END SURVEY/ ONE MINUTE PAPER WRITING

DIRECT COURSE OUTCOME ATTAINMENT = 20% OF INTERNAL EXAMINATION (IE) ATTAINMENT +80% OF YEAR END EXAMINATION (EE) ATTAINMENT.

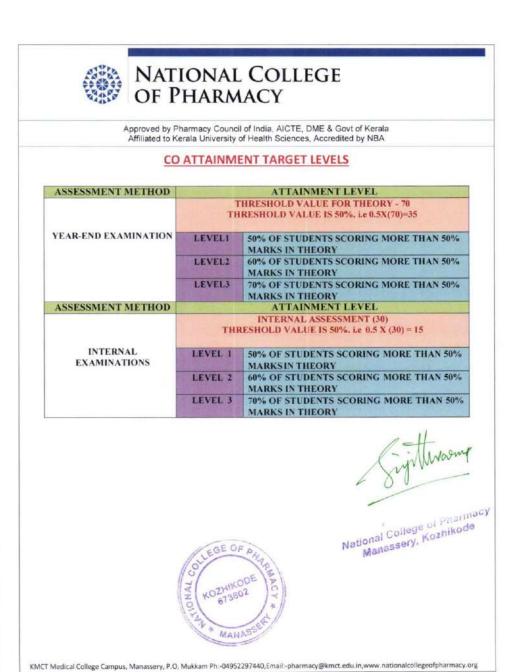
OVERALL COURSE OUTCOME ATTAINMENT = 90% DIRECT COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT ATTAINMENT



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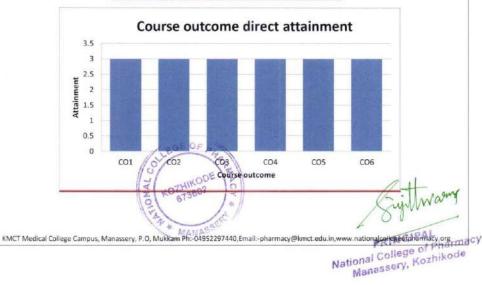


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### COMPUTATION OF CO DIRECT ATTAINMENT

COs	Assessment tool (internal examination /year end examination)	I EXAMINATION(IE) EXAMINATION		EXAMINATION	DIRECT CO ATTAINMENT =(0.2*IE ATTAINMENT LEVEL)+(0.8*EE ATTAINMENT
		ATTAINME NT LEVEL	AVERAGE ATTAINMEN T LEVEL	ATTAINMENT	LEVEL)
CO1	THEORY	3	3	3	3
CO2	THEORY	3	3	3	3
CO3	THEORY	3	3	3	3
CO4	THEORY	3	3	3	3
C05	THEORY	3	3	3	3
C06	THEORY	3	3	3	3

# COURSE OUTCOME DIRECT ATTAINMENT



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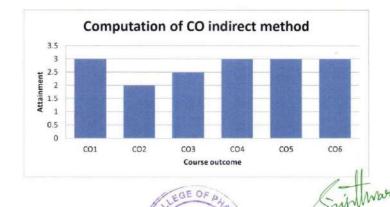
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### **COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:**

Attainment of CO Pharmacotherapeutics I & II = (Level-1 X No of Students Attempted) + (Level-2 x No of Students Attempted) + (Level-3 X No of Students Attempted) / Total No of Students

COs	CO1	CO2	CO3	CO4	CO5	CO6
Students Answered Level-1	0	0	0	0	- 0	0
Students Answered Level-2	0	2	1	0	0	0
Students Answered Level-3	2	0	1	2	2	2
TOTAL STUDENTS PARTICIPATED	2	2	2	2	2	2
CO Attainment Level	3	2	2.5	3	3	3

INFERENCE: 1- LOW, 2- MEDIUM, 3-HIGH



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### COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

со	DIRECT CO ATTAINMENT LEVEL(DA)	INDIRECT CO ATTAINMENT LEVEL(IDA)	OVERALL CO ATTAINMENT LEVEL (0.9*DA+0.1*IDA)
CO1	3	3	3
CO2	3	2	2.9
CO3	3	2.5	2.95
CO4	3	3	3
CO5	3	3	3
CO5	3	3	3
AVERA	GE CO ATTAIN	MENT	2.97

# PO\PSO ASSESMENT PROCESS

COURSE	POI	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9
PHARMACOTHERAPEUTICS 1 & II	2	3	3	2	1	3	2	3	3
AVERAGE	2	2.8	3	2.1	0.83	3	2.1	3	2.8

PO	ATTAINMENT LEVEL
PO1	2.0X2.97/3=1.98
PO2	2.8X2.97/3=2.77
PO3	3.0X2.97/3=2.97
PO4	2.1X2.97/3=2.07
PO5	0.83X2.97/3=0.82
PO6	3.0X2.97/3=2.97
PO7	2.1X2.97/3=2.07
PO8	3.0X2.97/3=2.97
PO9	2.8X2.97/3=2.77

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### RESULT OF PO ATTAINMENT

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
PHARMACOTHERAPEUTICS I & II	2	3	3	2	1	3	2	3	3
ATTAINMENT	1.98	2.77	2.97	2.07	0.82	2.97	2.07	2.97	2.77

# PSO's ATTAINMENT RESULTS PSO= Average value of PSO\*CO attainment average/3

### PSO MAPPING

COURSE	PSO1	PSO2	PSO3	PSO4
PHARMACOTHER APEUTICS I & II	3	2	3	3
AVERAGE	3	2.3	3	2.8

### PSO ATTAINMENT COMPUTATION

PSO	ATTAINMENT LEVEL
PSO1	3.0*2.97/3=2.97
PSO2	2.3*2.97/3=2.27
PSO3	3.0*2.97/3=2.97
PSO4	2.8*2.97/3=2.77

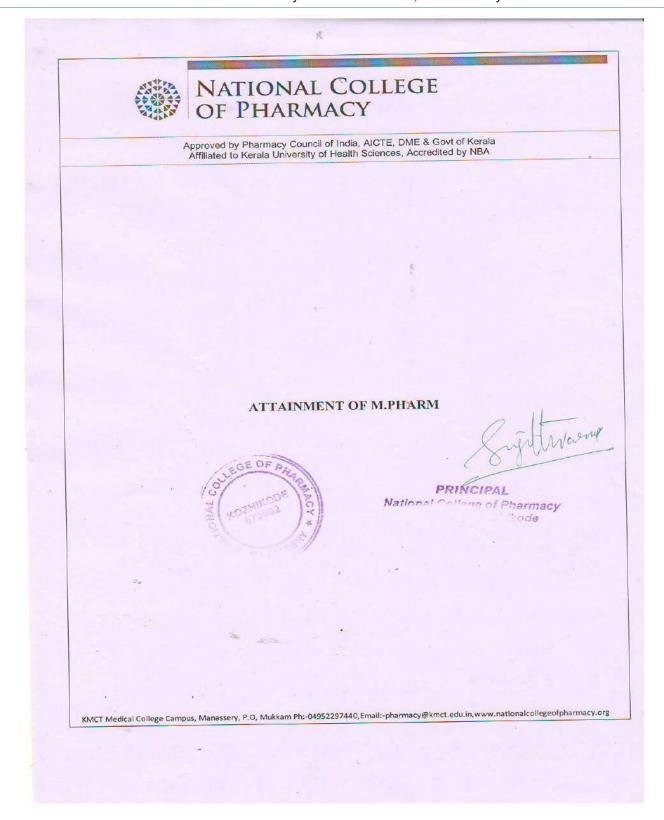
### PSO ATTAINMENT LEVELS

COURSE	PS01	PS02	PSO3	PSO4
PHARMACOTHERAPE UTICS I & II	3	2	3	3
AVERAGE	2.97	2.27	2.97	2.77

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### PROGRAM OUTCOME M.PHARM (2021-2022)

# COURSE: MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUES

### PROGRAM OUTCOME

- To clarify and regulate drug discovery, drug development, care, and practice, use the fundamentals of pharmaceutical chemistry, pharmaceutical analysis, pharmaceutics, and pharmacy practice.
- 2. The capacity to create, carry out, analyse, and interpret data for the right pharmaceutical system or procedure.
- 3. The capacity to design, synthesize, or isolate a drug and drug formulation system, component, or drug use process to satisfy desired needs within actual constraints, including economic, environmental, social, political, ethical, health and safety, and manufacturability and sustainability.
- 4. The capacity to work in multidisciplinary groups across various organizational levels in academia, business, research, and healthcare.
- 5. The capacity to recognize, define, and address professional issues in pharmaceutical concerns.
- Knowledge of professional pharmacy values and ethical responsibility in carrying out professional tasks from societal, governmental, and international viewpoints.
- The capacity to successfully communicate verbally and in writing to be recognized in social and professional circles.
- The capacity to comprehend how pharmacy practice affects society, the economy, the environment, and the environment in general.
- Understanding the value of, and capacity for, lifelong learning in line with the most recent developments in the professional sector in order to better serve the community.

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- 10. Knowledge of current concerns relating to pharmaceutical product use in society and research, development, and manufacturing technologies.
- The capacity to use the methods, abilities, and contemporary equipment required for professional practice research and development.

### PROGRAM-SPECIFIC OUTCOME

PSO1: Graduates will acquire in-depth knowledge of analytical techniques and regulatory procedures applicable to pharmaceuticals, food, cosmetics, and herbal products.

PSO2: Graduates will possess core knowledge of bioanalytical techniques, regulatory procedures, and a deep understanding of the responsibilities associated with Quality Control and Quality Assurance departments

PSO3: Graduates will demonstrate expertise in advanced pharmaceutical analytical techniques, showcasing competence in handling instruments used in spectroscopy and chromatography

PSO4: Graduates will develop, integrate, and apply their knowledge to critically evaluate scientific literature and conduct research projects related to product development, analytical method development, and validation.

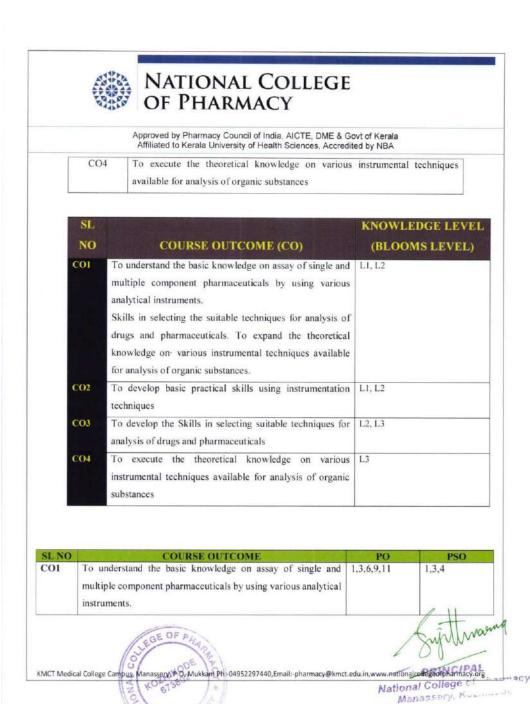
### COURSE OUTCOME (CO)

MPT 101T	MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUES
COI	To understand the basic knowledge on assay of single and multiple component pharmaceuticals by using various analytical instruments.  Skills in selecting suitable techniques for analysis of drugs and pharmaceuticals.  To expand the theoretical knowledge on various instrumental techniques available for analysis of organic substances.
CO2	To develop basic practical skills using instrumentation techniques
CO3	To develop the Skills in selecting suitable techniques for analysis of drugs and pharmaceuticals

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	Skills in selecting the suitable techniques for analysis of drugs and pharmaceuticals. To expand the theoretical knowledge on various instrumental techniques available for analysis of organic substances.		
CO2	To develop basic practical skills using instrumentation techniques	1,2,4,6,9,11	1,2,3,4
CO3	To develop the Skills in selecting suitable techniques for analysis of drugs and pharmaceuticals	1,6,9,10,11	2,3
CO4	To execute the theoretical knowledge on various instrumental techniques available for analysis of organic substances	1,2,3,4,9,10,11	

# CO Vs PO MAPPING (PO)

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	-	2	-		2	-	-	2	-	1
CO2	3	3	-	2	-	3			3	-	2
CO3	2		2	-	-	3	-		2	2	2
CO4	2	2	2	2	-	-	-		2	2	1
Average	2.5	1.25	1.00	1.00	00	2.0	00	00	2.0	1.00	1.25

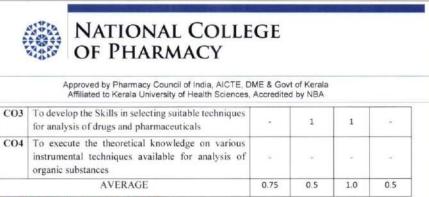
INFERENCE: 1- LOW, 2- MEDIUM, 3-HIGH

SL NO	COURSE OUTCOME	PROGRAM SPECIFIC OUTCOME MATRIX					
		PSO 1	PSO 2	PSO 3	PSO 4		
CO1	To understand the basic knowledge on assay of single and multiple component pharmaceuticals by using various analytical instruments  Skills in selecting the suitable techniques for analysis of drugs and pharmaceuticals. To expand the theoretical knowledge on various instrumental techniques available for analysis of organic substances	2	2	1	1		
CO2	To develop basic practical skills using instrumentation techniques	1	1	2	1		

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INFERENCE: 1- LOW, 2- MEDIUM, 3 -HIGH

# COMPUTATION OF COURSE OUTCOME – PROGRAM OUTCOME/ PROGRAM SPECIFIC OUTCOME ATTAINTMENT

COURSE	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3	PSO4
MPAT	3	1	1	1	0	2	0	0	2	1	1	1	1	1	1
AVERAGE	2,5	1.25	1.00	1.00	00	2.0	00	00	2.0	1.00	1.25	0.75	0.5	1.0	0.5

### COURSE OUTCOME ATTAINMENT

### ASSESSMENT PATTERN

ASSESSMENT TYPE	ASSESSMENT TOOL
BURGER	FIRST INTERNAL EXAMINATION (CM- 10+SM-15) THEORY- 25
DIRECT ATTAINMENT	SECOND INTERNAL EXAMINATION (CM- 10+SM-15) THEORY - 25
	END SEMESTER EXAMINATION THEORY -75
INDIRECT ATTAINMENT	COURSE END SURVEY/ ONE MINUTE PAPER WRITING

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DIRECT COURSE OUTCOME ATTAINMENT = 20% OF INTERNAL EXAMINATION (IE) ATTAINMENT +80% OF END SEMESTER EXAMINATION (EE) ATTAINMENT.

OVERALL COURSE OUTCOME ATTAINMENT = 90% DIRECT COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT ATTAINMENT

### CO ATTAINMENT TARGET LEVEL

ASSESSMENT METHOD	ATTAINMENT LEVEL					
	Т	HRESHOLD VALUE FOR THEORY (75)				
	THRESHOLD VALUE IS 50%. i.e 0.5 X (75) = 37.5					
END SEMESTER EXAMINATIONS	LEVEL I	50% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
	LEVEL 2	60% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
	LEVEL 3	70% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
ASSESSMENT METHOD	ATTAINMENT LEVEL					
INTERNAL	THRES	INTERNAL ASSESSMENT (25) (CM+SM-10+15=25) SHOLD VALUE IS 50%, i.e 0.5 X (10+15) = 12.5				
EXAMINATIONS	LEVEL 1	50% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
	LEVEL 2	60% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				
	LEVEL 3	70% OF STUDENTS SCORING MORE THAN 50% MARKS IN THEORY				

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### COMPUTATION OF CO DIRECT ATTAINMENT

COs Assessment tool (Internal			EXAMINATION (IE)	END SEMESTER EXAMINATION (EE)	DIRECTCO ATTAINMENT = (0.2*IE	
	examination /End Semester examination)	ATTAINME NT LEVEL	AVERAGE ATTAINME NT LEVEL	ATTAINME NT LEVEL	ATTAINMENT LEVEL) + (0.8*EE ATTAINMENT LEVEL)	
CO1	THEORY	2.5	2.5	3	2.9	
CO2	THEORY	2.5	2.5	3	2.9	
CO3	THEORY	2.5	2.5	3	2.9	
CO4	THEORY	2.5	2.5	3	2.9	



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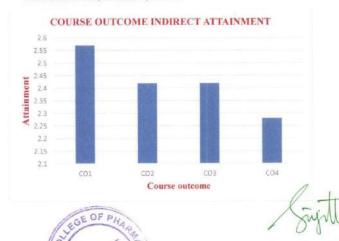
### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of CO MPAT= (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

cos	CO1	CO2	CO3	CO4
Students Answered Level -1	1	1	1 2 4	2
Students Answered Level -2	1	2	2	1
Students Answered Level -3	5	4	4	4
TOTAL STUDENTS PARTICIPATED	7	7	7	7
CO AttainmentLevel	2.57	2.42	2.42	2.28

INFERENCE: 1- LOW, 2- MEDIUM, 3-HIGH

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### COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

со	DIRECT CO ATTAINMENT LEVEL(DA)	INDIRECT CO ATTAINMENT LEVEL(IDA)	OVERALL CO ATTAINMENT LEVEL (0.9*DA+0.1*IDA)
COI	2.9	2.57	2.86
CO2	2.9	2.42	2.85
CO3	2.9	2.42	2.85
CO4	2.9	2.28	2.83
AVER	GE CO ATTAIN	MENT	2.85

# PO\PSO ASSESMENT PROCESS

COURSE	PO1	PO2	PO3	PO4	P05	PO6	PO7	PO8	PO9	PO10	PO11
MPAT	3	1	1	1	0	2	0	0	2	1	1
AVERAGE	2.5	1.25	1.00	1.00	00	2.0	00	00	2.0	1.00	1.25

PO	ATTAINMENT LEVEL		
POI	2.5X2.85/3=2.37		
PO2	1.25X2.85/3=1.18		
PO3	1.0X2.85/3=0.95		
PO4	1.0X2.85/3=0.95		
PO6	2.0X2.85/3=1.9		
PO9	2.0X2.85/3=1.9		
PO10	1.0X2.85/3=0.95		
PO11	1.25X2.85/3=1.18		

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### RESULT OF PO ATTAINMENT

COURSE	PO1	PO2	PO3	PO4	PO6	PO9	PO10	PO11
MPAT	3	1	1	1	2	2	1	1
ATTAINMENT	2.37	1.18	0.95	0.95	1.9	1.9	0.95	1.18

# PSO's ATTAINMENT RESULTS PSO=Average value of PSO\*CO attainment average/3

### **PSO MAPPING**

COURSE	PSO1	PSO2	PSO3	PSO4
MPAT	1		1	1
AVERAGE	0.75	0.5	1.0	0.5

### PSO ATTAINMENT COMPUTATION

PSO	ATTAINMENT LEVEL
PSO1	0.75*2.85/3=0.71
PSO2	0.5*2.85/3=0.47
PSO3	1.0*2.85/3=0.95
PSO4	0.5*2.85/3=0.47

# PSO ATTAINMENT LEVELS

COURSE	PSO1	PSO2	PSO3	PSO4
MPAT	-1	1	1	1
ATTAINMENT	0.71	0.47	0.95	0.47

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