

Course Outcomes (CO) for BP404T

S. No.	Course outcome	Title of course outcomes
1	CO1	To let the students understood the pharmacological actions of different categories of drugs.
2	CO2	To study in detail about mechanism of drug action at organ system/sub cellular/ macromolecular levels.
3	CO3	To understand the application of basic pharmacological knowledge in the prevention and treatment of various diseases.
4	CO4	To observe the effect of drugs on animals by simulated experiments.
5	CO5	To get an idea about correlation of pharmacology with other bio medical sciences.

Program Outcomes (PO) for BP404T

PO-1	To develop graduates with high practical capabilities inculcated with strong hold on fundamental concepts of pharmaceutical sciences.
PO-2	Able to apply technical skills learned during the course to correlate interdisciplinary approach for solving complex problems of research in pharmaceutical sciences.
PO-3	Inculcate professional and ethical values as a pharmacist as well as knowledge and skills to successfully practice the profession of pharmacy.
PO-4	Able to communicate effectively, provide adequate technical information for patient counselling and effective participation in health care programs.
PO-5	To impart knowledge of formulation, synthesis and evaluation of drugs of synthetic/ herbal origin along with their identification, purification and isolation.
PO-6	To train students as per industrial expectations and entrepreneurship establishment.
PO-7	Understand the ongoing recent advancements in the field of medicine for patient benefit and encouraged for novel innovations
PO-8	To develop students with critical thinking skills by integrated technical knowledge obtained during course of study.
PO-9	Students understand different dosage forms, pharmaceutical preparations, and their route of administration, mechanism of action and Bioavailability concept in conjunction with human anatomy and physiology.
PO-10	Understand various regulatory guidelines for import and export of drugs, clinical trials, cultivation and collection of drugs, IPR, QA & QC and various laws governing pharmacy profession.

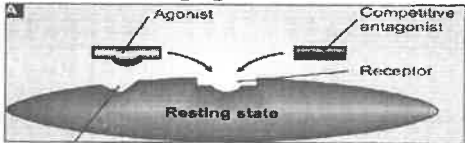
Roll No.

Department of Pharmacy, School of Health Sciences
Sushant University, Gurugram
Summer Exam, July 2024

Course Title: Pharmacology-I
Program: B. Pharm
Time: 3 hr.

Course Code: BP404T
Semester: 4th Semester
Max. Marks: 75

NOTE: Attempt all questions from SECTION-I; any TWO questions from SECTION-II and any SEVEN questions from SECTION-III.

SECTION-I [20X1=20]		
A.	Attempt all:	COs
1.	A patient is given a preanesthetic medication before surgery? Which drugs can be given as preanesthetic medications. Support your answer with necessary information?	CO2
2.	Which adverse effect is associated with chronic alcoholism?	CO1
3.	Suggest 2 drugs used as first-line drug therapy in the treatment of absence seizures?	CO3
4.	Suggest two routes of administration with which the extensive first-pass metabolism of the drugs can be avoided? Support your answer with suitable case study.	CO5
5.	With the help of a suitable diagram, Classify the drugs used in injectable anesthetic.	CO5
6.	From the following figure what does the missing site indicates? Analyse.	CO1
		
7.	What do you understand by 'Therapeutic index' of a drug? What does it measure?	CO1
8.	Which neurotransmitter is released at the neuromuscular junction? Explain its role.	CO3
9.	Name two types of G-protein-coupled receptors and Suggest a drug acting on each.	CO2
10.	Analyse the pharmacodynamic and pharmacokinetic distinctions between antipsychotic and antidepressant agents,	CO1
SECTION-II [2x10=20]		
B.	Attempt any TWO:	
1.	If a Patient is injected with an antimicrobial drug intravenously. How will it affect the patient? Give your opinion. Elaborate the benefits and problems related to it.	CO2
2.	A 26-year-old lady brought to the hospital emergency with 40% burn injury has to be operated under general anesthesia. Which muscle relaxant should be preferred for tracheal intubation? Defend your answer. Give reasons and also mention MOA, use and adverse effect of the drug.	CO1
3.	Examine various routes of drug administration apart from Oral route.	CO5
SECTION-III [7x5=35]		
C.	Attempt any SEVEN:	
1.	Appraise benefits and consequences of any two routes which leads to direct absorption of drug into systemic circulation.	CO5
2.	Describe different stages of inhalational general anesthesia. Support with examples of each.	CO2
3.	Classify receptors with suitable examples. Draw a schematic diagram showing G protein-coupled receptors signaling pathway.	CO4
4.	What are Opioid Analgesics? Give its classification.	CO1
5.	How do drug addiction & drug abuse are different from each other? Give your opinion.	CO5
6.	Analyze the different steps involved in the neurohumoral transmission of acetylcholine.	CO3
7.	Appraise how drug interactions affect the therapeutic efficacy of drug mechanistically.	CO5
8.	Suppose a drug is identified for a novel therapeutic effect and the investigator wish to validate the efficacy of the drug clinically. How will he proceed for it? Justify..	CO2
9.	Plan clinical trial phases and its utility in drug development process.	CO1

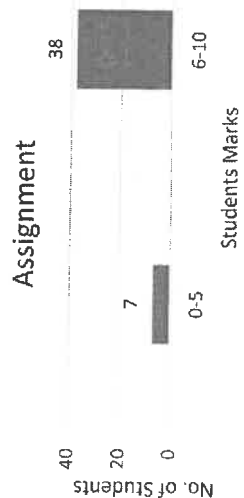
Sample of CO-PO Attainment for the subject BP404T Pharmacology-I

SUSHANT UNIVERSITY										
School of Health Sciences										
Assignment (Even Semester 2023-24)										
Program: B. Pharma			Semester: IV		Assignment date: 29.01.2024					
Course Code: BP404T			Course Name: Pharmacology-I							
S. No.	Enrolment No.	Student Name	Batch No	Q1 (5Marks)		Q2 (5Marks)		Attainment		Total Marks (10)
				CO3	CO5	CO5	CO3	CO3	CO5	
1	220BPHARM051	Abhiroop Biswas	2022-2026	5		4		5	4	9
2	220BPHARM052	Suraj Singh	2022-2026	4		4		4	4	8
3	220BPHARM053	Himanshu Gupta	2022-2026	4		5		4	5	9
4	220BPHARM054	Sahil	2022-2026	4		5		4	2	9
5	220BPHARM055	Harsh Dagar	2022-2026	0		0		0	0	0
6	220BPHARM056	Bhoomi Gupta	2022-2026	5		5		5	5	10
7	220BPHARM057	Jatin Tyagi	2022-2026	4		4		4	4	8
8	220BPHARM060	Bhumi kushwaha	2022-2026	4		5		4	5	9
9	220BPHARM061	Anupam Dixit	2022-2026	4		4		4	4	8
10	220BPHARM062	Sachin	2022-2026	2		4		2	4	6
11	220BPHARM063	Rakhi	2022-2026	5		4		5	4	9
12	220BPHARM064	Shahabuddin	2022-2026	4		4		4	4	8
13	220BPHARM065	Lakshay Tiwari	2022-2026	2		4		2	4	6
14	220BPHARM066	Bhagyashali Shukla	2022-2026	5		5		5	5	10
15	220BPHARM067	Gaurisha	2022-2026	4		4		4	4	8
16	220BPHARM069	Hritik Gupta	2022-2026	4		5		4	5	9
17	220BPHARM070	Sidhant Kakkar	2022-2026	4		4		4	4	8
18	220BPHARM073	Nidhi	2022-2026	5		4		5	4	9
19	220BPHARM074	Jayant	2022-2026	5		4		5	4	9
20	220BPHARM075	Khushi	2022-2026	4		4		4	4	8
21	220BPHARM076	Prashant	2022-2026	4		5		4	5	9
22	220BPHARM077	Anmol	2022-2026	2		3		2	2	5
23	220BPHARM078	Sneha Sharma	2022-2026	2		4		2	4	6

24	220BPHARM079	Deepika	2022-2026	4	5	4	5	9
25	220BPHARM080	Rohit Yadav	2022-2026	4	4	4	4	8
26	220BPHARM081	Jay	2022-2026	5	4	5	4	9
27	220BPHARM082	Gaurav Kumar Pal	2022-2026	5	4	5	4	9
28	220BPHARM083	Shaurya	2022-2026	4	4	4	4	8
29	220BPHARM084	Parul Dahiya	2022-2026	4	5	4	5	9
30	220BPHARM085	Batuo Esther Della Beyang	2022-2026	2	3	2	2	5
31	220BPHARM086	Amit Yadav	2022-2026	0	0	0	0	0
32	220BPHARM087	Kapil Dev	2022-2026	2	3	2	2	5
33	220BPHARM088	Ekta Tiwari	2022-2026	4	4	4	4	8
34	220BPHARM089	Anurag Sharma	2022-2026	4	5	4	5	9
35	220BPHARM090	Ujjwal Chauhan	2022-2026	4	4	4	4	8
36	220BPHARM091	Piyush Malik	2022-2026	2	4	2	4	6
37	220BPHARM092	Sachin	2022-2026	5	4	5	4	9
38	220BPHARM095	Gautam Joshi	2022-2026	0	0	0	0	0
39	220BPHARM096	Manu Yadav	2022-2026	4	5	4	5	9
40	220BPHARM097	Devanshu	2022-2026	0	0	0	0	0
41	220BPHARM099	Puneet	2022-2026	4	4	4	4	8
42	220BPHARM100	Awadesh	2022-2026	4	5	4	5	9
43	220BPHARM101	Anurag	2022-2026	2	4	2	4	6
44	220BPHARM103	Varun	2022-2026	2	4	2	4	6
45	231BPHARMA003	Omkar Jinghala	2022-2026	4	4	4	4	8
Total Students								
Average						3.444444	3.71111	45
Total Students Appeared In Assignment 1 (N)								7.28889
Number of students scored average% and above marks (P)								45
CO attainment (P/N)*100						32	37	32
						71.11%	82.22%	71.11%

Average Marks	Max Marks	Min. Marks	Std Deviation	Less than 50%	More than 80% (9)
7	10	0	2.65	15.56%	71.1%

Students Marks	0-5	6-10
Assignment	7	38



Assessment Methods	Attainment Levels
Assignment	Level1 Less than 50% students scoring more than average% marks.
	Level2 50% to less than 60% students scoring more than average % marks.
	Level3 more than 60% students scoring more than average % marks in internal assessment tools

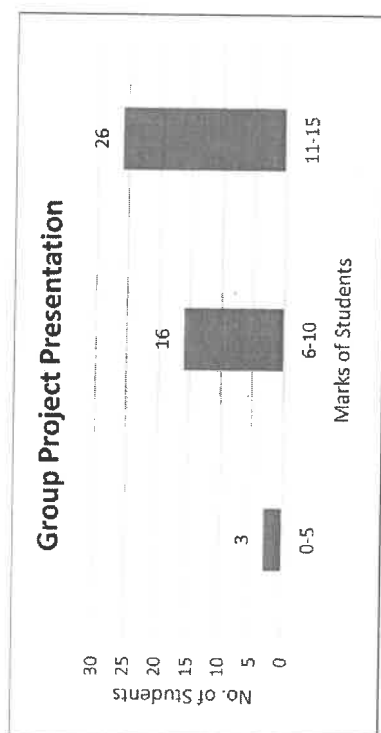
CO Attainment Level	
COs	Attainment Level
CO3	3
CO5	3

SUSHANT UNIVERSITY													
School of Health Sciences													
Group Project Presentation (Even Semester 2023-24)													
Program: B.Pharm		Semester: IV		Presentation Date: 12.04.2024 to 26.04.2024									
Course Code: BP404T		Course Name: Pharmacology-I		Faculty Name: Ms. Damini									
S. No.	Enrolment No.	Student Name	Batch No	Q1 (5Marks)		Q2 (5Marks)		Q3 (5Marks)		Attainment			Total Marks (15)
				CO1	CO3	CO5	CO1 (5Marks)	CO3 (5Marks)	CO5 (5Marks)				
1	220BPHARM051	Abhiroop Biswas	2022-2026	3	4	4	3	4	4	3	4	11	
2	220BPHARM052	Suraj Singh	2022-2026	3	2	5	3	2	5	3	5	10	
3	220BPHARM053	Himanshu Gupta	2022-2026	4	5	3	4	5	3	4	3	12	
4	220BPHARM054	Sahil	2022-2026	1	4	5	1	4	5	1	5	10	
5	220BPHARM055	Harsh Dagar	2022-2026	0	0	0	0	0	0	0	0	0	
6	220BPHARM056	Bhoomi Gupta	2022-2026	5	5	4	5	5	4	5	4	14	
7	220BPHARM057	Jatin Tyagi	2022-2026	3	5	5	3	5	5	3	5	13	
8	220BPHARM060	Bhumi kushwaha	2022-2026	2	3	4	2	3	4	2	4	9	
9	220BPHARM061	Anupam Dixit	2022-2026	3	3	4	3	3	4	3	4	10	
10	220BPHARM062	Sachin	2022-2026	2	4	4	2	4	4	2	4	10	
11	220BPHARM063	Rakhi	2022-2026	3	2	5	3	2	5	3	5	10	
12	220BPHARM064	Shahabuddin	2022-2026	3	3	5	3	3	5	3	5	11	
13	220BPHARM065	Lakshay Tiwari	2022-2026	3	3	5	3	3	5	3	5	11	
14	220BPHARM066	Bhagyashali Shukla	2022-2026	5	5	5	5	5	5	5	5	15	
15	220BPHARM067	Gaurisha	2022-2026	4	5	4	4	5	4	4	4	13	
16	220BPHARM069	Hritik Gupta	2022-2026	5	4	5	5	4	5	5	5	14	
17	220BPHARM070	Sidhant Kakkar	2022-2026	5	3	4	5	3	4	5	4	12	
18	220BPHARM073	Nidhi	2022-2026	2	3	4	2	3	4	2	4	9	
19	220BPHARM074	Jayant	2022-2026	5	4	4	5	4	4	5	4	13	
20	220BPHARM075	Khushi	2022-2026	3	2	1	3	2	1	3	1	6	
21	220BPHARM076	Prashant	2022-2026	5	4	3	5	4	3	5	3	12	
22	220BPHARM077	Anmol	2022-2026	4	4	2	4	4	2	4	2	10	
23	220BPHARM078	Sneha Sharma	2022-2026	3	3	5	3	3	5	3	5	11	
24	220BPHARM079	Deepika	2022-2026	2	1	4	2	1	4	2	4	7	

25	220BPHARM080	Rohit Yadav	2022-2026	5	4	5	5	4	4	5	5	14
26	220BPHARM081	Jay	2022-2026	4	4	3	4	4	4	3	3	11
27	220BPHARM082	Gaurav Kumar Pal	2022-2026	4	3	5	4	3	3	5	5	12
28	220BPHARM083	Shaurya	2022-2026	2	4	3	2	4	4	3	3	9
29	220BPHARM084	Parul Dahiya	2022-2026	1	2	4	1	2	2	4	4	7
30	220BPHARM085	Batuo Esther Della Beyang	2022-2026	2	4	4	2	4	4	4	4	10
31	220BPHARM086	Amit Yadav	2022-2026	3	2	2	3	2	2	2	2	7
32	220BPHARM087	Kapil Dev	2022-2026	4	5	4	4	5	5	4	4	13
33	220BPHARM088	Ekta Tiwari	2022-2026	5	4	5	5	4	4	5	5	14
34	220BPHARM089	Anurag Sharma	2022-2026	3	3	5	3	3	3	5	5	11
35	220BPHARM090	Ujjwal Chauhan	2022-2026	3	3	5	3	3	3	5	5	11
36	220BPHARM091	Piyush Malik	2022-2026	2	2	2	2	2	2	2	2	6
37	220BPHARM092	Sachin	2022-2026	3	3	5	3	3	3	5	5	11
38	220BPHARM095	Gautam Joshi	2022-2026	0	0	0	0	0	0	0	0	0
39	220BPHARM096	Manu Yadav	2022-2026	4	5	3	4	5	5	3	3	12
40	220BPHARM097	Devanshu	2022-2026	0	0	0	0	0	0	0	0	0
41	220BPHARM099	Puneet	2022-2026	4	5	3	4	5	5	3	3	12
42	220BPHARM100	Awadesh	2022-2026	3	4	5	3	4	4	5	5	12
43	220BPHARM101	Anurag	2022-2026	4	4	3	4	4	4	3	3	11
44	220BPHARM103	Varun	2022-2026	3	3	5	3	3	3	5	5	11
45	231BPHARMA003	Omkar Jinghala	2022-2026	2	5	3	2	5	5	3	3	10
Total Students												45
Average												3.09
Total Students Appeared in Group Project/ Presentation (N)												3.33
Number of students scored average% and above marks (P)												17
CO attainment (P/N)*100												37.78%
51.11%												23
66.67%												30
57.78%												26

Average Marks	Max Marks	Min. Marks	Std Deviation	Less than 50% (7.5)	More than 80% (12)
10	15	0	3.45	17.78%	35.6%

Students Marks	0-5	6-10	11-15
No. of Students	3	16	26



Assessment Methods	Attainment Levels
Group Project/ Presentation	Level1 Less than 50% students scoring more than average % marks.
	Level2 50% to less than 60% students scoring more than average % marks.
	Level3 more than 60% students scoring more than average % marks in internal assessment tools

CO Attainment Level

COs	Attainment Level
CO1	1
CO3	2
CO5	3

SUSHANT UNIVERSITY

School of Health Sciences

Gurugram

1st sessional Marks (Even Semester 2023-24)

Prog. & Branch: B. Pharmacy

Course Code: BP404T

Semester: 4th

Section: B

Course Name: Pharmacology-I

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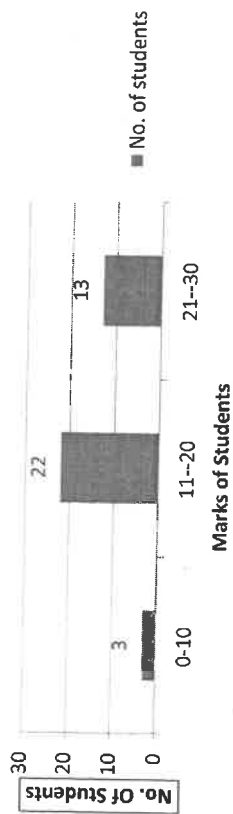
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Average Marks (15.03)	Max Marks	Min. Marks	Std Deviation	Less than 50% (15)	More than 80% (24)
18	27	7	4.58	26.32%	10.5%

Marks of students	0-10	11--20	21--30
No. of students	3	22	13

COs Attainment for 1st Sessional Exam



Assessment Methods	Attainment Levels	
	Level1	Less than 50% students scoring more than average% marks.
	Level2	50% to less than 60% students scoring more than average % marks.
	Level3	more than 60% students scoring more than average % marks in internal assessment tools

CO Attainment Level	
COs	Attainment Level
CO1	1
CO2	1
CO5	1

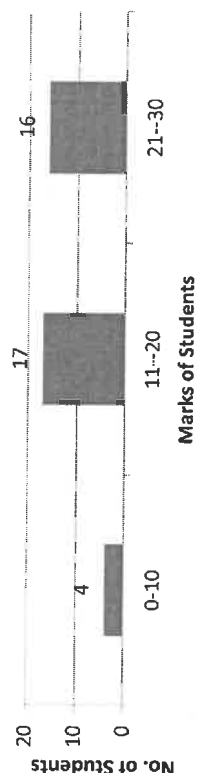
SUSHANT UNIVERSITY																		
School of Health Sciences																		
Gurugram																		
2nd sessional Marks (Even Semester 2023-24)																		
Prog. & Branch: B. Pharmacy		Semester: 4th	Section: B															
Course Code: BP404T		Course Name: Pharmacology-I																
S. No.	Enrolment No.	Student Name	Batch No	Section-1 (2 marks)					Section-2 (10marks)			Section-3 (5 marks)			Attainment		Total Marks	
				1a CO3	1b CO3	1c CO2	1d CO3	1e CO1	2a CO2	2b CO2	3a CO5	3b CO2	3c CO3	CO1(02)	CO2(27)	CO3(11)		CO5 (5)
1	220BPHARM051	Abhiroop Biswas		1	2	2	2	1	8			3.5	2.5	1	12.5	5	3.5	22
2	220BPHARM052	Suraj Singh		1	1			1		4			2	1	6	2	0	9
3	220BPHARM053	Himanshu Gupta		2	2	2	1	2	4			3		2	6	5	3	16
4	220BPHARM054	Sahil		2	1	2	2	2		8	1			4	2	10	9	22
5	220BPHARM055	Harsh Dagar																AB
6	220BPHARM056	Bhoomi Gupta		2	2	2	0.5	2	8		3.5			4	2	10	8.5	24
7	220BPHARM057	Jatin Tyagi		2			1	1	5		3	1		1	6	3	3	13
8	220BPHARM060	Bhumi kushwaha		2	0	2	2	2	6				3	3	2	11	7	20
9	220BPHARM061	Anupam Dixit																AB
10	220BPHARM062	Sachin Kumar		1	0.5	1.5	2	2				3		4	2	7.5	7.5	20
11	220BPHARM063	Rakhi		2	0	1	2	1					3	3	1	10	7	18
12	220BPHARM064	Shahabuddin		1.5	0.5	1	0	1	7		4.5	4.5			1	12.5	2	20
13	220BPHARM065	Lakshay Tiwari		2	2	2	2	2	3				3	1	2	8	7	17
14	220BPHARM066	Bhagyashali Shukla		2	2	2	1	2	9		4.5	4.5		2	15.5	5	4.5	27
15	220BPHARM067	Gaurisha		1	2	2	2	1				4	4	1	14	5	4	24
16	220BPHARM069	Hritik Gupta		2	2	1	2	2	4		1	4		2	9	6	1	18
17	220BPHARM070	Sidhant Kakkar		2	2	2	2	1		7			3	4	1	12	10	23
18	220BPHARM073	Nidhi		2	2	2	2	2		6			3	3	2	11	9	22
19	220BPHARM074	Jayant Rajput		2	2	1	2	2	8		4.5			2	9	10.5	4.5	26
20	220BPHARM075	Khushi		2	1	2	2	1		7		4.5	4.5	1	13.5	8.5	0	23
21	220BPHARM076	Prashant		2	2	2	2	2		8.5	3.5		3	2	10.5	9	3.5	25
22	220BPHARM077	Anmol Kaushal		1	2	2	2	2		6.5		4	4.5	2	12.5	9.5	0	24

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Average Marks (15.03)	Max Marks	Min. Marks	Std Deviation	Less than 50% (15)	More than 80% (24)
19	27	1	6.01	18.92%	24.3%

Marks of students	0-10	11-20	21-30
No. of students	4	17	16

COs Attainment for 2nd Sessional Exam

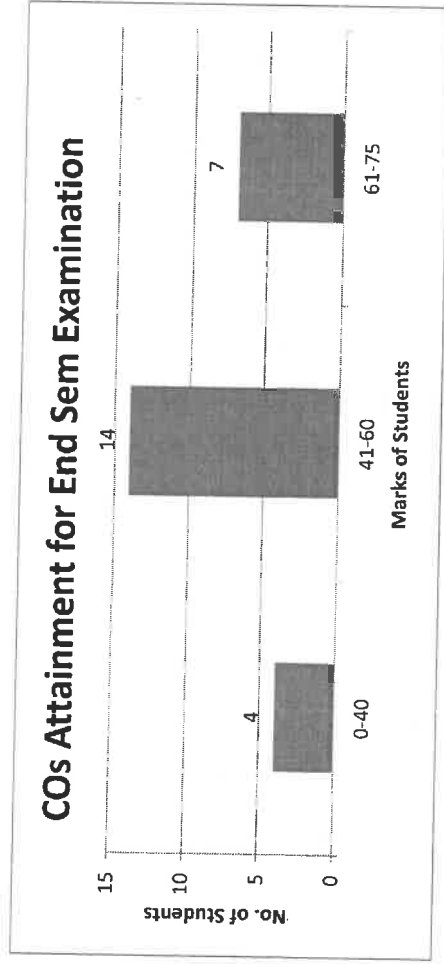


Assessment Methods	Attainment Levels
CAT-1	Level1 Less than 50% students scoring more than average% marks.
	Level2 50% to less than 60% students scoring more than average % marks.
	Level3 more than 60% students scoring more than average % marks in internal assessment tools

CO Attainment Level	
COs	Attainment Level
CO1	2
CO2	2
CO3	1
CO5	2

SUSHANT UNIVERSITY																																
School of Health Sciences																																
Gurugram																																
End Semester Even Semester Marks (Even Semester 2023-24)																																
Program & Branch:			B. Pharmacy										Section- B																			
Course Code: BP404T			Course Name: Pharmacology-I																													
			Section-1 (2 marks)										Section-2 (10 marks)							Section-3 (5 marks)												
S.N o.	Sheet No.	Student Name	Batch No	1a	1b	1c	1d	1e	1f	1g	1h	1i	1j	2a	2b	2c	3a	3b	3c	3d	3e	3f	3g	3h	3i	Attainment				Total Marks		
				CO 2	CO 3	CO 0	CO 5	CO 1	CO 0	CO 1	CO 5	CO 1	CO 0	CO 5	CO 1	CO 0	CO 3	CO 4	CO 4	CO 3	CO 3	CO 1	CO 1	CO 1	CO 1	CO 2	CO3 (19)	CO4 (10)	CO5 (28)			
1	4004			1.5	0	0	1.5	0	0	0.5	0.5	1.5	0	8	6	0	2.5	2.5	4	0	3	0.5	0	0	0	1	1.5	5.5	6.5	17.5	32	
2	4008			1.5	0	2	2	2	1	2	1	1	1		6	3	3	3	2.5	3	2.5	3	0	2.5	0	2	9.5	3.5	10.5	5.5	12.0	41
3	4009			2	0	2	2	2	2	2	0	2	0	5		6		3	2.5	2	2.5			1	3.5	4.5	6.5	6.5	5.5	11.0	44	
4	4024			2	2	2	2	2	2	2	2	2	0	8.5		8	4	4	4.5	4.5		4.5			4.5	4.5	12.5	8.5	16.5	65		
5	4034			2	1.5	2	2	2	2	2	2	2	2	9		8.5	4	4.5	4.5	4.5		4.5	4.5			23.5	2	12	4.5	17.0	59	
6	4035			1.5	1.5		2			2	1			4		8	5	4	2.5		4.5	3	4	4	3	20	1.5	11	6.5	7.0	46	
7	4039			2	2	2	2	2	2	2		2		8	6		0	4.5	4.5		4.5	3			2.5	2	9.5	4	7.5	9	20.0	50
8	4040			1	1	2	0.5	1	1	2	0	1	2		6	4	1.5	2.5	2.5	3	3	3.5				2.5	12.5	3.5	10.5	5	8.5	40
9	4049			2	2	2	2	2	2	2		2		8	6		0	4.5	4.5		3.5	3			3.5	1	10.5	3	7.5	9	20.0	50
10	4050			2	0	0	1	0	1	1	1	2	0		0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	4.0	8	
11	4051			2	1.5	2	2	2	2	2	2	2	2	9		8.5	4	4.5		4.5		4.5	4.5			23.5	2	12	4.5	17.0	59	
12	4052			2	2	2	2	2	1	1.5	2	2	0	7		8	4	4	4.5	4.5		4.5			3.5	4.5	18.5	6.5	12.5	8.5	15.0	61
13	4053			1.5	0	2	2	2	2	2	1	1	1		6	3	3	3	2.5	3	2.5	3		2.5	2	10.5	3.5	10.5	5.5	12.0	42	
14	4054			2	2	2	2	2	2	2	2	2	2	8		8		4	3	4.5	3.5			3.5	4	4.5	13.5	6.5	12	7	24.0	63
15	4055			2	2	2	2	2	2	2	0	2	2	8.5		9	3	3.5		4	4	4	3.5	4		4.5	22.5	6.5	15	3.5	14.5	62
16	4056			2	2	2	2	2	0	2	2	2	2	9		8	3	4.5	2	4			3	3.5	0	20.5	2	11	6.5	15.0	55	
17	4057			2	0	2	2	2	2	2	2	2	2	9		9		3	4	5	3	5			4	4	24	6	10	7	17.0	64
18	4058			2	2	2	2	2	2	2	0	2	0	8		8.5	3.5	4	4	4	5		4		4	4	16.5	6	16.5	8	14.0	61
19	4059			2	2	1				2		2	1	8.5		7.5		3.5		3		3	3.5			17	2	6	3.5	10.5	39	
20	4060			2	2	2		1	2	2	0	2	0		5	7	0	3	3	3	2			4	1	15	3	9	6	8.0	41	
21	4061			1.5	1.5	2	0	2	2	2	2	2	0	9		9		5		4	4	3	3.5	4	4	4.5	24.5	6	10.5	5	15.0	61

Number of students	4	14	7
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Assessment Methods	Attainment Levels
CAT-I	Level 1 Less than 50% students scoring more than average % marks.
	Level 2 50% to less than 60% students scoring more than average % marks.
	Level 3 more than 60% students scoring more than average % marks in internal assessment tools

COs	Attainment Level
CO1	2
CO2	1
CO3	3
CO4	2
CO5	1

SUSHANT UNIVERSITY

Academic Year - Even 2023-24

Course Exit Survey

Program:		B. Pharmacy		Sem:		IV				
Course Name:		Pharmacology-I		Course Code:		BP404T				
Faculty Name:		Ms Damini		Date of Survey:		24.05.2024				
Student Full Name	CO1		CO2		CO3		CO4		CO5	
	Course Exit survey parameter1	Attainment of CO1	Course Exit survey parameter2	Attainment of CO2	Course Exit survey parameter3	Attainment of CO3	Course Exit survey parameter4	Attainment of CO4	Course Exit survey parameter5	Attainment of CO5
Abhiroop Biswas	Good	12	Good	12	Good	12	Good	12	Good	12
Suraj Singh	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Himanshu Gupta	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Sahil	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Harsh Dagar	Poor	4	Poor	4	Poor	4	Poor	4	Poor	4
Bhoomi Gupta	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Jatin Tyagi	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Bhumi kushwaha	Good	12	Good	12	Good	12	Good	12	Good	12
Anupam Dixit	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Sachin	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Rakhi	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Shahabuddin	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Lakshay Tiwari	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Bhagyashali Shukla	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Gaurisha	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Hritik Gupta	Good	12	Good	12	Good	12	Good	12	Good	12
Sidhant Kakkar	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Nidhi	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Jayant	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Khushi	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Prashant	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20

Anmol	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Sneha Sharma	Good	12	Good	12	Good	12	Good	12	Good	12
Deepika	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Rohit Yadav	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Jay	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Gaurav Kumar Pal	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Shaurya	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Parul Dahiya	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Batuo Esther Della	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Amit Yadav	Good	12	Good	12	Good	12	Good	12	Good	12
Kapil Dev	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Ekta Tiwari	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Anurag Sharma	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Ujjwal Chauhan	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Piyush Malik	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Sachin	Good	12	Good	12	Good	12	Good	12	Good	12
Gautam Joshi	Poor	4	Poor	4	Poor	4	Poor	4	Poor	4
Manu Yadav	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Devanshu	Poor	4	Poor	4	Poor	4	Poor	4	Poor	4
Puncet	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Awadesh	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Anurag	Good	12	Good	12	Good	12	Good	12	Good	12
Varun	Good	12	Good	12	Good	12	Good	12	Good	12
Omkar Jinghala	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Average		15.2		15.2		15.2		15.2		15.2
No of students >=Avg		34		34		34		34		34
Total students		45		45		45		45		45
Attainment Level (%)		75.56%		75.56%		75.56%		75.56%		75.56%
Attainment Level		3		3		3		3		3

Assessment Methods	Attainment Levels	
CAT-1	Level1	Less than 50% students scoring more than average% marks.
	Level2	50% to less than 60% students scoring more than average % marks.
	Level3	more than 60% students scoring more than average % marks in internal assessment tools

CO Attainment Level

COs	Attainment Level
CO1	3
CO2	3
CO3	3
CO4	3
CO5	3

SUSHANT UNIVERSITY				
School of Health Sciences				
Result Analysis (Even Semester 2023-24)				
Program:	B. Pharm	Sem:	IV	
Course Name:	Pharmacology-I	Course Code:	BP404T	
Faculty Name:	Ms Damini			
Consolidated CO Attainment (Internal)				
Mid-term (Sessional): Assignment/Presentation (10:15)				
Cos	Sessional 1	Sessional 2	Assignment	Group Project/ Presentation
CO1	1	2		1
CO2	1	2		
CO3		1		2
CO4			3	
CO5	1	2	3	3
				1.65
				1.5
				0.8
				0.45
				2.4

SUSHANT UNIVERSITY				
School of Health Sciences				
Result Analysis (Even Semester 2023-24)				
Program:	B. Pharm	Sem:	IV	
Course Name:	Pharmacology-I	Course Code:	BP404T	
Faculty Name:	Ms Damini			
Consolidated CO Attainment (Internal+External)				
Internal:External (25:75)				
COs	Internal (Mid term+Assignment+ Group Presentation)	End Term (ESE)	Total	
CO1	1.65	2	1.9125	
CO2	1.5	1	1.125	
CO3	0.8	3	2.45	
CO4	0.45	2	1.6125	
CO5	2.4	1	1.35	

SUSHANT UNIVERSITY				
School of Health Sciences				
Even Semester 2023-24				
Program:	B. Pharm	Sem:	IV	
Course Name:	Pharmacology-I	Course Code:	BP404T	
Faculty Name:	Ms Damini			
CO Attainment				
COs	Direct	Indirect	Total	
C01	1.5875	3	1.87	
C02	0.825	3	1.26	
C03	2.3	3	2.44	
C04	1.5375	3	1.83	
C05	0.9	3	1.32	

Sushant University																	
School of Health Sciences																	
CO-PO-PSOs Attainment Analysis (Even Semester 2023-24)																	
Program:	B. Pharm				Sem:				IV								
Course Name:	Pharmacology-I				Course Code:				BP404T								
Faculty Name:	Ms Damini																
Course Outcomes (COs)	Program Outcomes (POs)														Program Specific Outcomes (PSOs)		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3				
CO1	3	1	1	1	3	2	3	2	3	1	1	1	1				
CO2	1	1	1	1	3	2	3	1	3	1	3	2	1				
CO3	3	3	1	1	3	3	3	2	3	1	3	3	1				
CO4	1	3	1	1	3	3	3	2	3	1	3	2	3				
CO5	1	3	1	1	3	2	3	1	3	1	1	3	2				

1=Lightly mapped	2= Moderately mapped	3=Strongly mapped
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Course Outcomes (COs)	Program Outcomes (POs)										Program Specific Outcomes (PSOs)		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1=1.87	5.61	1.87	1.87	1.87	5.61	3.74	5.61	3.74	5.61	1.87	1.87	1.87	1.87
CO2=1.26	1.26	1.26	1.26	1.26	3.78	2.52	3.78	1.26	3.78	1.26	3.78	2.52	1.26
CO3=2.44	7.32	7.32	2.44	2.44	7.32	7.32	7.32	4.88	7.32	2.44	7.32	7.32	2.44
CO4=1.83	1.83	5.49	1.83	1.83	5.49	5.49	5.49	3.66	5.49	1.83	5.49	3.66	5.49
CO5=1.32	1.32	3.96	1.32	1.32	3.96	2.64	3.96	1.32	3.96	1.32	1.32	3.96	2.64
Attainment	1.926667	1.809091	1.744	1.744	1.744	1.809167	1.744	1.8575	1.744	1.744	1.798182	1.757273	1.7125
Percentage of PO attainment	64.2	60.3	58.1	58.1	58.1	60.3	58.1	61.9	58.1	58.1	59.9	58.6	57.1

CO-PO Attainment Report with Remedial Measures and Action Plan

Academic Years:

- BP404T – Pharmacology I: Semester IV (2023–24, Even Semester)
 - BP503T – Pharmacology II: Semester V (2024–25, Odd Semester)
- Curriculum Followed: PCI Regulations, B.Pharm Syllabus

Faculty In Charge: Ms. Damini yadav

1. Overview of Courses and Course Outcomes (COs)

A. BP404T – Pharmacology I (Semester IV)

CO No.	Course Outcome Statement
CO1	Understand the pharmacological actions of different categories of drugs.
CO2	Explain the mechanism of drug action at organ system/sub-cellular/macromolecular levels.
CO3	Apply basic pharmacological knowledge in the prevention and treatment of various diseases.
CO4	Observe the effect of drugs on animals through simulated experiments.
CO5	Appreciate correlation of pharmacology with other biomedical sciences.

B. BP503T – Pharmacology II (Semester V)

CO No.	Course Outcome Statement
CO1	Understand the mechanism of drug action and its relevance in the treatment of different diseases.
CO2	Demonstrate isolation of different organs/tissues from laboratory animals using simulated experiments.
CO3	Demonstrate various receptor actions using isolated tissue preparation.
CO4	Appreciate correlation of pharmacology with related medical sciences.

2. COs Not Attained in BP404T

Post-assessment analysis indicated that the following COs in BP404T did not meet the attainment benchmark (50%-60% students scoring above threshold):

CO	Attainment value	Statement	Key Issues Identified
CO2	1.26	Explain the mechanism of drug action at organ system/sub-cellular/macromolecular levels.	Students struggled to integrate molecular and systemic pharmacodynamics concepts; difficulty in understanding

			receptor interactions.
CO5	1.32	Appreciate correlation of pharmacology with other biomedical sciences.	Limited ability to connect pharmacological concepts with related subjects like pathology, microbiology, and physiology.

3. Mapping with BP503T for Remediation

The concepts from BP404T CO2 and CO5 were reinforced in BP503T through the following aligned COs:

BP404T CO	Mapped BP503T CO	Statement	Attainment in BP503T
CO2	CO1	Understand the mechanism of drug action and its relevance in treatment.	Achieved
CO5	CO4	Appreciate correlation of pharmacology with related medical sciences.	Achieved

4. Program Outcomes (POs) Mapping and Impact

Program Outcomes are as follows:

PO-1	To develop graduates with high practical capabilities inculcated with strong hold on fundamental concepts of pharmaceutical sciences.
PO-2	Able to apply technical skills learned during the course to correlate interdisciplinary approach for solving complex problems of research in pharmaceutical sciences.
PO-3	Inculcate professional and ethical values as a pharmacist as well as knowledge and skills to successfully practice the profession of pharmacy.
PO-4	Able to communicate effectively, provide adequate technical information for patient counselling and effective participation in health care programs.
PO-5	To impart knowledge of formulation, synthesis and evaluation of drugs of synthetic/herbal origin along with their identification, purification and isolation.
PO-6	To train students as per industrial expectations and entrepreneurship establishment.
PO-7	Understand the ongoing recent advancements in the field of medicine for patient benefit and encouraged for novel innovations
PO-8	To develop students with critical thinking skills by integrated technical knowledge

	obtained during course of study.
PO-9	Students understand different dosage forms, pharmaceutical preparations, and their route of administration, mechanism of action and Bioavailability concept in conjunction with human anatomy and physiology.
PO-10	Understand various regulatory guidelines for import and export of drugs, clinical trials, cultivation and collection of drugs, IPR, QA & QC and various laws governing pharmacy profession.

Program Outcomes (POs) Aligned with the mentioned course are as follows:

- **PO1:** Fundamental understanding of pharmaceutical sciences.
- **PO2:** Interdisciplinary problem-solving skills.
- **PO4:** Effective communication and healthcare participation.
- **PO7:** Awareness of innovations in medicine.
- **PO8:** Development of critical thinking skills.

Course	Mapped COs	Related Pos	PO Attainment in BP404T	PO Attainment in BP503T
BP404T	CO2, CO5	PO1, PO2, PO4, PO7, PO8	Not Fully Attained	Achieved
BP503T	CO1, CO4	PO1, PO2, PO4, PO7, PO8	Achieved	Sustained

5. Corrective and Remedial Measures in BP503T

To improve CO and PO attainment in BP503T, the following structured interventions were adopted:

S. No	Remedial Strategy	Targeted COs	Related POs	Description
1	Mechanism-Based Animated Lectures	CO1	PO1, PO8	Conceptual clarity was enhanced using animations and visual aids to explain drug-receptor mechanisms.
2	Case-Based Clinical Learning	CO1, CO4	PO2, PO4	Applied drug knowledge to clinical cases (e.g., Heart attack, ischemic diseases) for better context.
3	Integrated Teaching Sessions	CO4	PO2, PO4, PO7	Faculty from related disciplines jointly delivered content to reinforce inter-subject relevance.
4	Peer Tutoring (Advanced)	CO1, CO4	PO1, PO2,	Advanced learners supported slow learners through guided sessions to

	Learners → Slow Learners)		PO8	bridge conceptual gaps.
5	Webinar on Emerging Healthcare Technologies	CO4	PO4, PO7	Industry experts highlighted real-life pharmacological applications and innovation trends.
6	Capstone Remedial Course on Pharmacology–Healthcare Integration	CO1, CO4	PO1, PO2, PO4	A focused course was designed to emphasize the link between pharmacological knowledge and its healthcare implications.
7	Weekly Assessments and Feedback	CO1	PO1, PO8	Regular MCQs and tasks provided timely performance insights and guided feedback.
8	Student Seminars and Group Discussions	CO1, CO4	PO4, PO8	Collaborative learning was promoted through structured seminars, group discussions, and quizzes.
9	Symposium with Invited Experts (25 Oct 2024)	CO1, CO4	PO1, PO4, PO7	A symposium was organized where domain experts delivered focused lectures, enhancing conceptual depth and interdisciplinary relevance.
10	Webinar on AI Applications in Pharmacology	CO1, CO4	PO1, PO7, PO8	A webinar was conducted showcasing how artificial intelligence can be applied in drug discovery, pharmacovigilance, and treatment optimization.

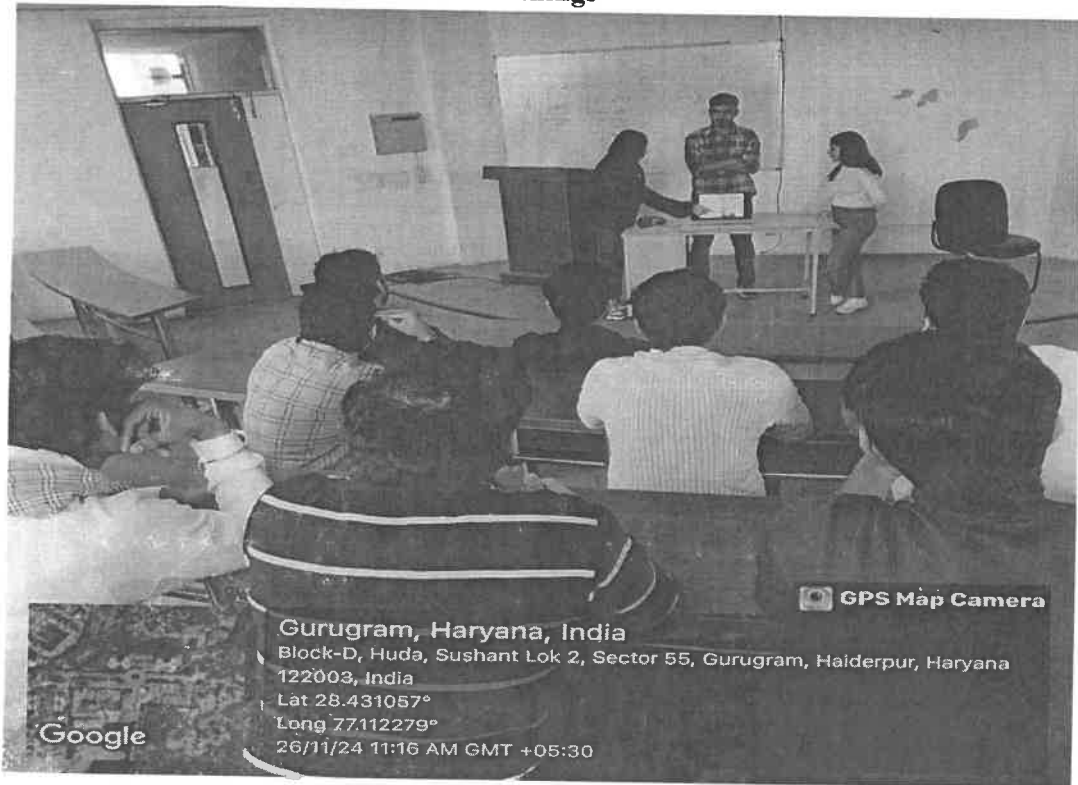
6. Learning Outcome Improvement in BP503T

Metric	BP503T CO1 (from BP404T CO2)	BP503T CO4 (from BP404T CO5)
Previous attainment level	1.26	1.32
Post intervention attainment level	2.01	1.89
Comparative Improvement	59.52%	43.18%
Attainment Status	Achieved	Achieved

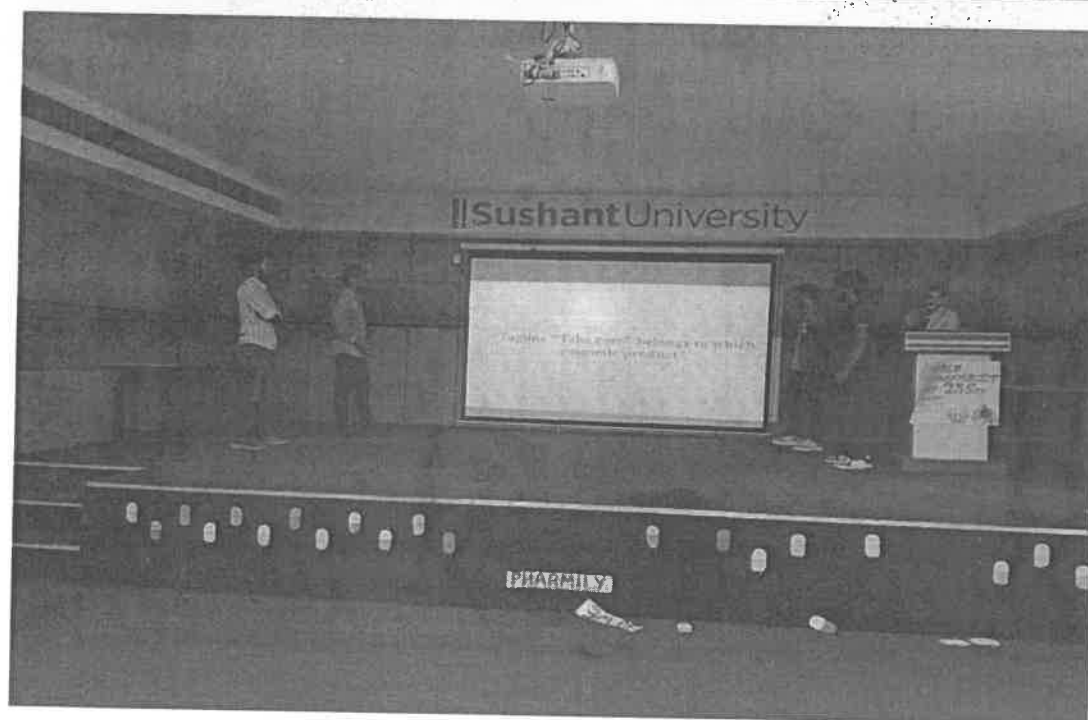
7. Conclusion

The gap in CO attainment identified in **BP404T** was effectively bridged in **BP503T** through a strategic combination of peer tutoring, integrated teaching, capstone revision, and digital enhancement. These interventions led to marked improvement in both **Course Outcomes** and **Program Outcomes**, demonstrating the impact of continuous academic monitoring and student-centered pedagogical innovation.

Peer tutoring was done from advance learners so that slow learners can grasp the things

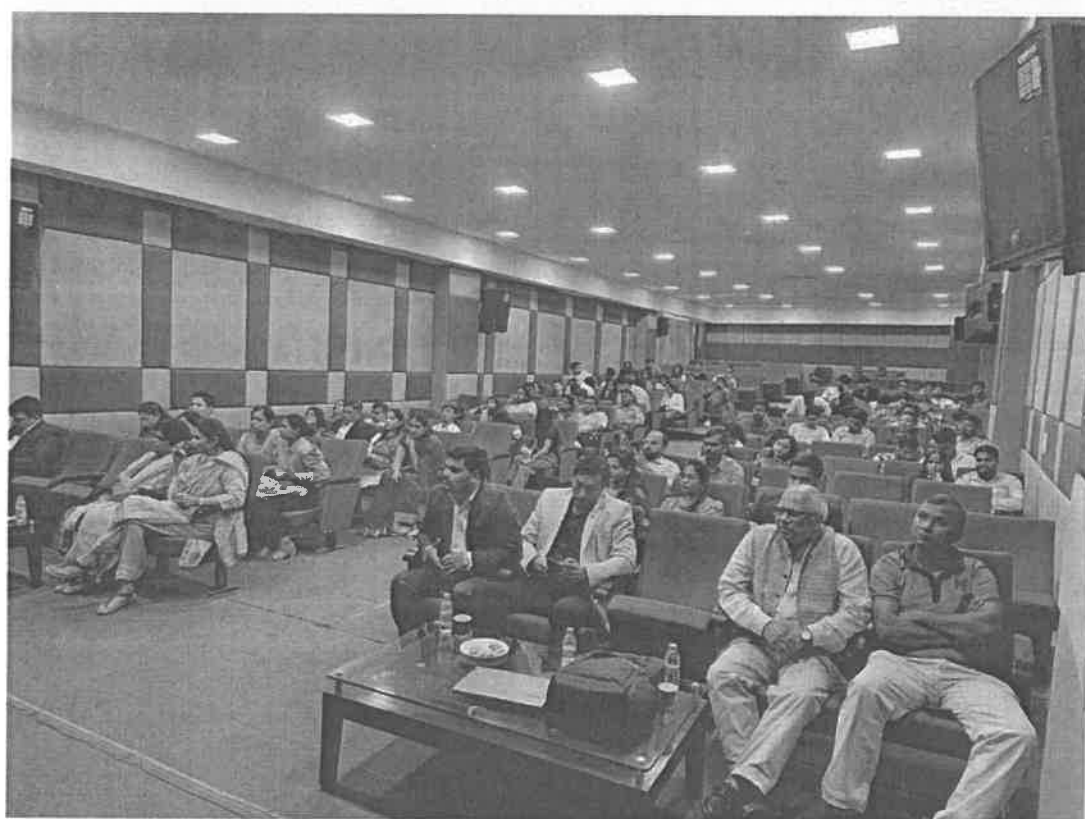
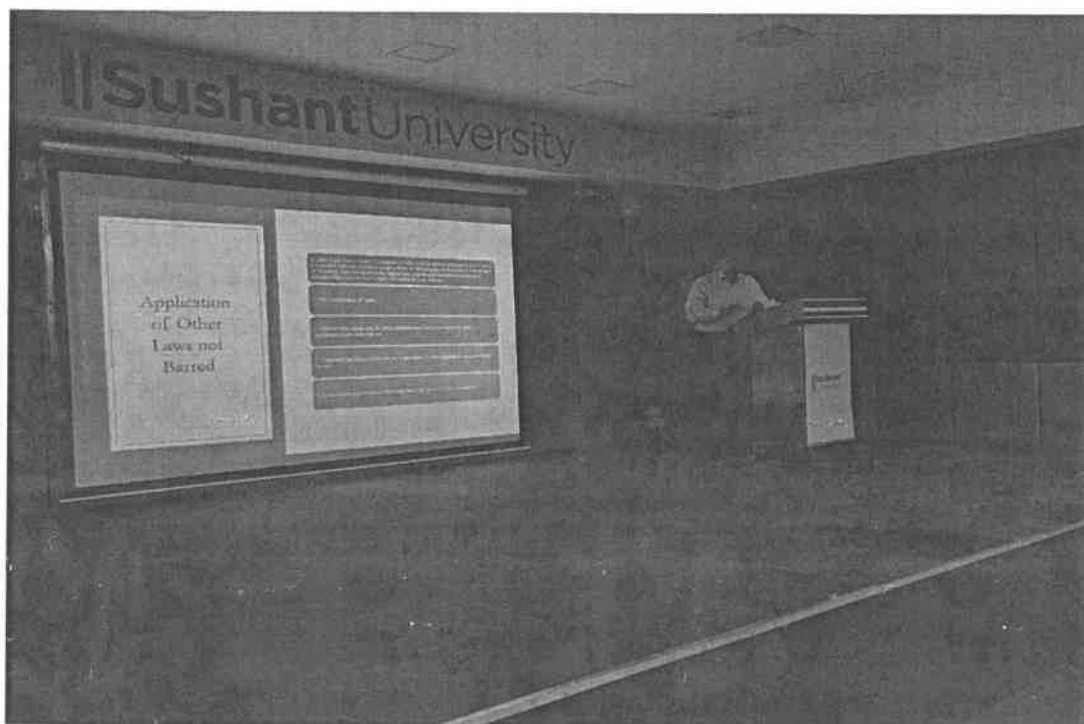


To encourage collaborative learning and scientific communication Group discussions were conducted and quiz were organized.



A Symposium was conducted and experts were invited to deliver lectures as per their expertise for better knowledge enhancement and understanding on 25th of October 2024





For better understanding of course I conducted a webinar in which I integrated the application of advanced technology I.e., Artificial Intelligence and its use in pharmacology



Sushant University
soaring high

Organized by
Department of Pharmacy
School of Health Sciences

**AI-Powered Chatbot:
The Future of Instant Healthcare
Assistance**

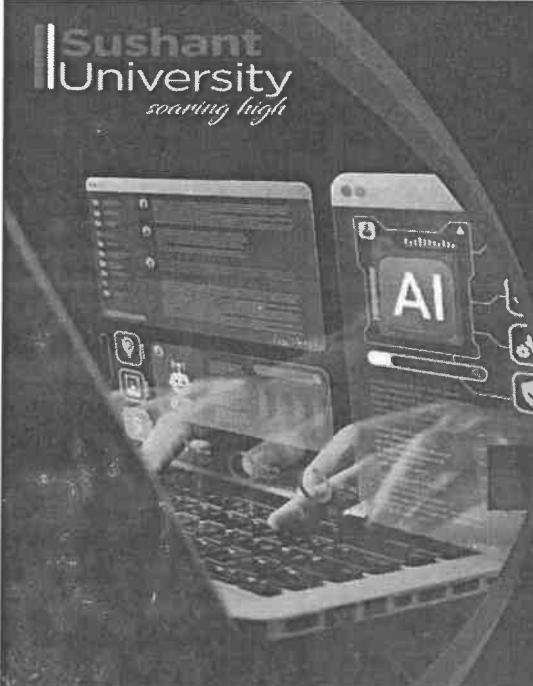
27th March, 2025 | 3:00pm-4:00pm
Venue - D421



Ms. Damini Yadav
Assistant Professor
Department of Pharmacy
School of Health Sciences

Sushant University, Gurugram | www.sushantuniversity.edu.in | 1800 270 5520

To foster a stronger correlation between pharmacology and healthcare, a short-term capstone remedial course was developed for pharmacology students.



School of Health Sciences

Capstone Course

INFORMATION PRACTICES IN HEALTH SCIENCES

15th - 20th July, 2024

Platform: Online
Time : 11.00 am - 12.30 pm

Course Coordinator:
Ms. Damini & Mr. Ashok

Toll Free: 1800 270 5520
www.sushantuniversity.edu.in

The Course Aims to :

- Develop skills in locating, evaluating, and synthesizing health science literature, data, and AI-driven insights.
- Understand the ethical & legal considerations in health information management, including those related to AI technologies.
- Learn to effectively use health informatics tools, AI algorithms & technologies for data analysis & decision-making.
- Enhance competencies in communicating health information & AI findings to diverse audiences.

Remedial Pharmacology
Akram, Ashish Sir, Dr. Disha Chavhanji, Sen Su, Jyoti Mann (Principal) SU, Kanika, Lalit, Medhavi Mann, Manvi, Neha Mann, Pankaj Malhotra Su...

Meet
Real-time meetings by Google. Using your browser, share your video, desktop, and presentations with teammates and customers.

We are excited to announce an upcoming session on "Information Practices in Health Science" as part of our CAPSTONE COURSE!

Topic Highlights:
Laboratory computing revolutionizing research and healthcare

Date: 20/7/24
Time: 11AM - 12:30 PM
Link: <https://meet.google.com/dus-joy-rlqj>

This session is crucial for all aspiring health professionals to understand the importance of accurate information practices in ensuring quality patient care and compliance with legal standards. Don't miss out on this valuable learning opportunity!

Please join the meeting link well on time to enhance your knowledge and skills. See you there!

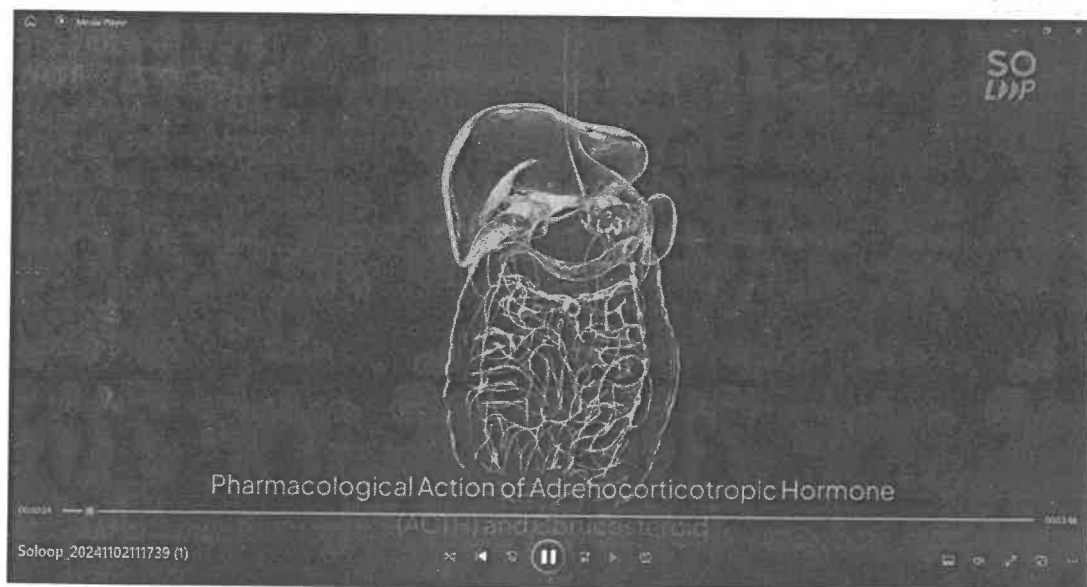
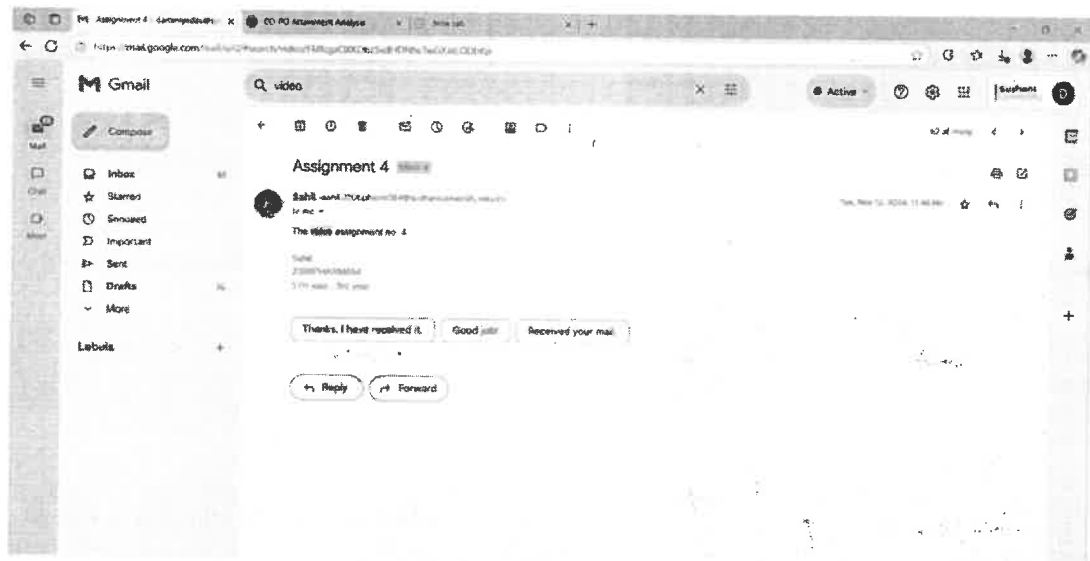
please join

Laboratory-Computing-Revolutionizing...
074 KB | Microsoft Edge PDF document

Download

Laboratory-Computing-Revolutionizing-Research-and-Healthcare.pdf

Students were asked to make videos explaining pharmacological concepts using animations and the best video was explained in lecture acknowledging students efforts



Roll No.

Department of Pharmacy, School of Health Sciences
Sushant University, Gurugram
End Term Exam (Odd Sem), December 2024

Course Title: Pharmacology-II
Program: B. Pharm
Time: 3 hr.

Course Code: BP503T
Semester: 5th Semester
Max. Marks: 75

NOTE: Attempt all questions from SECTION-I; any TWO questions from SECTION-II and any SEVEN questions from SECTION-III.

SECTION-I [10X2=20]		
A. Attempt all:		
1. Write full form of CCB, Give one example. .		COs
2. Name two classes of anti-anginal drugs.		CO3
3. Define anti-platelet drugs and give an example.		CO4
4. Write down the MOA of Acelofenac.		CO4
5. What is the role of serotonin in the CNS?		CO1
6. Name two major exocrine glands.		CO3
7. What is the role of Follicle stimulating hormone (FSH)		CO3
8. What is three point bio assay		CO2
9. Which drugs are useful in uterine contractions?		CO4
10. Describe a common method used for the bioassay of oxytocin		CO2
SECTION-II [2x10=20]		
B. Attempt any TWO:		
1. Discuss different types of NSAIDS, discuss their role in pain management, classify different NSAIDS and discuss pharmacology of Aspirin		CO1
2. Discuss the biosynthesis, metabolism and physiological functions of prostaglandins. Include their roles in inflammation, pain, and other bodily processes. Provide examples of drugs that modulate prostaglandin activity.		CO4
3. What is difference between type 1 and type 2 diabetes, Classify oral hypoglycemic agents. Discuss mechanisms of action, therapeutic uses and side effects of sulfonyl urea's		CO3
SECTION-III [7x5=35]		
C. Attempt any SEVEN:		
1. Discuss the role of Statins in the management of hyperlipidemia.		CO4
2. Explain the mechanism of action, uses, contraindications and adverse effects of the following? a) Heparin, b) Warfarin.		CO1
3. Describe the classification and mechanisms of action of Loop diuretics with example		CO1
4. Classify Antianginal drugs Discuss mechanism action of Nitroglycerine		CO4
5. Discuss the classification of Antithyroid drugs.		CO1
6. Elaborate the classification of drugs acting on the exocrine system.		CO1
7. Define bioassay and their significance and discuss two-point-bioassay in detail		CO2
8. Discuss the role of alpha-blockers in the treatment of congestive heart failure.		CO3
9. Discuss the pharmacological actions, therapeutic uses and side effects of androgens		CO4

Course Outcomes (CO) for BP503T

S. No.	Course outcome	Title of course outcomes
1	CO1	To understand the mechanism of drug action and its relevance in the treatment of different diseases
2	CO2	To demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments
3	CO3	To demonstrate the various receptor actions using isolated tissue preparation
4	CO4	To appreciate correlation of pharmacology with related medical sciences

Program Outcomes (PO) for BP503T

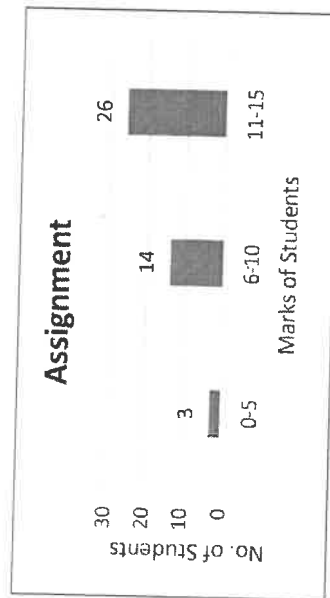
PO-1	To develop graduates with high practical capabilities inculcated with strong hold on fundamental concepts of pharmaceutical sciences.
PO-2	Able to apply technical skills learned during the course to correlate interdisciplinary approach for solving complex problems of research in pharmaceutical sciences.
PO-3	Inculcate professional and ethical values as a pharmacist as well as knowledge and skills to successfully practice the profession of pharmacy.
PO-4	Able to communicate effectively, provide adequate technical information for patient counselling and effective participation in health care programs.
PO-5	To impart knowledge of formulation, synthesis and evaluation of drugs of synthetic/herbal origin along with their identification, purification and isolation.
PO-6	To train students as per industrial expectations and entrepreneurship establishment.
PO-7	Understand the ongoing recent advancements in the field of medicine for patient benefit and encouraged for novel innovations
PO-8	To develop students with critical thinking skills by integrated technical knowledge obtained during course of study.
PO-9	Students understand different dosage forms, pharmaceutical preparations, and their route of administration, mechanism of action and Bioavailability concept in conjunction with human anatomy and physiology.
PO-10	Understand various regulatory guidelines for import and export of drugs, clinical trials, cultivation and collection of drugs, IPR, QA & QC and various laws governing pharmacy profession. .

SUSHANT UNIVERSITY											
School of Health Sciences											
Assignment (Odd Semester 2024-25)											
Program: B. Pharma		Semester: V		Pharmacology-II				Assignment Date: Till 15.10.2024			
Course Code: BP503T		Course Name:		Faculty Name: Ms. Damini							
S. No.	Enrolment No.	Student Name	Batch No	Q1 (5Marks)	Q2 (5Marks)	Q3 (5Marks)	Q4 (5Marks)	CO1 (5Marks)	CO2 (5Marks)	CO4(5Marks)	Total Marks (15)
1	220BPHARM051	Abhiroop Biswas	2022-2026	3	4	4	4	3	4	4	11
2	220BPHARM052	Suraj Singh	2022-2026	3	2	5	5	3	2	5	10
3	220BPHARM053	Himanshu Gupta	2022-2026	4	5	3	3	4	5	3	12
4	220BPHARM054	Sahil	2022-2026	1	4	5	5	1	4	5	10
5	220BPHARM056	Bhoomi Gupta	2022-2026	0	0	0	0	0	0	0	0
6	220BPHARM057	Jatin Tyagi	2022-2026	5	5	4	4	5	5	4	14
7	220BPHARM060	Bhumi kushwaha	2022-2026	3	5	5	5	3	5	5	13
8	220BPHARM061	Anupam Dixit	2022-2026	0	5	0	0	0	5	0	AB
9	220BPHARM062	Sachin Kumar	2022-2026	3	3	4	4	3	3	4	10
10	220BPHARM063	Rakhi	2022-2026	2	4	4	4	2	4	4	10
11	220BPHARM064	Shahabuddin	2022-2026	3	2	5	5	3	2	5	10
12	220BPHARM065	Lakshay Tiwari	2022-2026	3	3	5	5	3	3	5	11
13	220BPHARM066	Bhagyashali Shukla	2022-2026	3	5	5	5	3	5	5	13
14	220BPHARM067	Gaurisha	2022-2026	5	5	5	5	5	5	5	15
15	220BPHARM069	Hritik Gupta	2022-2026	4	5	4	4	4	5	4	13
16	220BPHARM070	Sidhant Kakkur	2022-2026	5	5	5	5	5	5	5	15
17	220BPHARM073	Nidhi	2022-2026	5	5	4	4	5	5	4	14
18	220BPHARM074	Jayant Rajput	2022-2026	2	3	4	4	2	3	4	9
19	220BPHARM075	Khushi	2022-2026	5	4	4	4	5	4	4	13
20	220BPHARM076	Prashant	2022-2026	3	5	1	1	3	5	1	9
21	220BPHARM077	Anmol Kaushal	2022-2026	5	4	3	3	5	4	3	12
22	220BPHARM078	Sneha Sharma	2022-2026	4	4	2	2	4	4	2	10

23	220BPHARM079	Deepika Kashyap	2022-2026	3	3	5	3	3	3	5	3	5	11	
24	220BPHARM080	Rohit Yadav	2022-2026	2	5	4	2	5	4	4	2	4	11	
25	220BPIIARM081	Jay Acharya	2022-2026	5	4	5	5	4	5	5	5	5	14	
26	220BPHARM082	Gaurav Kumar Pal	2022-2026	4	4	3	4	4	4	3	4	3	11	
27	220BPHARM083	Shaurya Anand	2022-2026	4	3	5	4	3	5	5	4	5	12	
28	220BPHARM084	Parul Dahiya	2022-2026	2	4	3	4	4	3	3	2	3	9	
29	220BPHARM085	Batuo Esther Della Beyang	2022-2026	1	2	4	1	2	4	4	1	4	7	
30	220BPHARM087	Kapil Dev Maurya	2022-2026	2	4	4	2	4	4	4	2	4	10	
31	220BPHARM088	Ekta Tiwari	2022-2026	3	2	2	3	2	2	2	3	2	7	
32	220BPHARM089	Anurag Sharma	2022-2026	4	5	4	4	5	4	4	4	4	13	
33	220BPHARM090	Ujjwal Chauhan	2022-2026	5	4	5	5	4	5	5	5	5	14	
34	220BPHARM091	Piyush Malik	2022-2026	3	3	5	3	3	5	3	3	5	11	
35	220BPHARM092	Sachin	2022-2026	3	3	5	3	3	5	3	3	5	11	
36	220BPHARM096	Manu Yadav	2022-2026	2	2	2	2	2	2	2	2	2	6	
37	220BPIIARM099	Puneet Pandey	2022-2026	0	5	0	0	5	0	0	0	0	AB	
38	220BPIIARM100	Awadesh Muraw	2022-2026	0	5	0	0	5	0	0	0	0	5	
39	220BPHARM101	Anurag Kumar Jha	2022-2026	4	5	3	4	5	3	4	5	3	12	
40	220BPHARM103	Varun Bhardwaj	2022-2026	0	5	0	0	5	0	0	0	0	5	
41	231BPHARM003	Omkar Jinghala	2022-2026	4	5	3	4	5	3	4	5	3	12	
42	210BPHARM037	Vartika	2022-2026	3	5	5	3	5	5	3	5	5	13	
43	210BPHARM046	Sajjan tanwar	2022-2026	4	5	3	4	5	3	4	5	3	12	
44	210BPHARM072	Deepanshu yadav	2022-2026	3	3	5	3	3	5	3	3	5	11	
45	241BPHARM001	Fahad	2022-2026	2	4	3	2	4	3	2	4	3	9	
Total Students														
Average														
Total Students Appeared in Assignment (N)														
Number of students scored average% and above marks (P)														
CO attainment (P/N)*100														
				2.98	3.93	3.53	72.09%	72.09%	65.12%	60.47%	45	10.70	43	26

Average Marks	Max Marks	Min. Marks	Std Deviation	Less than 50% (7.5)	More than 80% (12)
11	15	0	2.96	13.95%	41.9%

Students Marks	0-5	6-10	11-15
No. of Students	3	14	26



Assessment Methods	Attainment Levels	
CAT-1	Level1	Less than 50% students scoring more than average% marks.
	Level2	50% to less than 60% students scoring more than average % marks.
	Level3	more than 60% students scoring more than average % marks in internal assessment tools

CO Attainment Level	
COs	Attainment Level
CO1	3
CO2	3
CO4	3

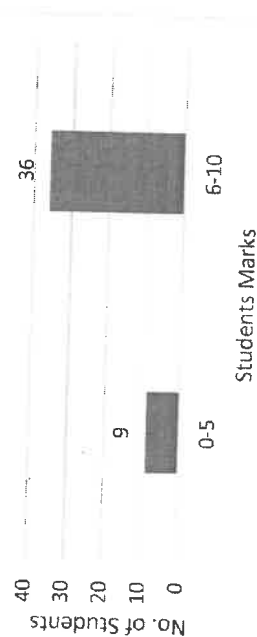
SUSHANT UNIVERSITY											
School of Health Sciences											
Group Project Presentation (Odd Semester 2024-25)											
Program: B. Pharma		Semester: V		Presentation date: 15.10.2024							
Course Code: BP503T		Course Name: Pharmacology-II									
S. No.	Enrolment No.	Student Name	Batch No	Q1 (5Marks) CO1	Q2 (5Marks) CO2	Attainment		Total Marks (10)			
1	220BPHARM051	Abhiroop Biswas	2022-2026	5	4	5	4	9			
2	220BPHARM052	Suraj Singh	2022-2026	4	4	4	4	8			
3	220BPHARM053	Himanshu Gupta	2022-2026	4	5	4	5	9			
4	220BPHARM054	Sahil	2022-2026	4	5	4	2	9			
5	220BPHARM056	Bhoomi Gupta	2022-2026	0	0	0	0	0			
6	220BPHARM057	Jatin Tyagi	2022-2026	5	5	5	5	10			
7	220BPHARM060	Bhumi kushwaha	2022-2026	4	4	4	4	8			
8	220BPHARM061	Anupam Dixit	2022-2026	0	0	0	0	0			
9	220BPHARM062	Sachin Kumar	2022-2026	4	4	4	4	8			
10	220BPHARM063	Rakhi	2022-2026	2	4	2	4	6			
11	220BPHARM064	Shahabuddin	2022-2026	5	4	5	4	9			
12	220BPHARM065	Lakshay Tiwari	2022-2026	4	4	4	4	8			
13	220BPHARM066	Bhagyashali Shukla	2022-2026	2	4	2	4	6			
14	220BPHARM067	Gaurisha	2022-2026	5	5	5	5	10			
15	220BPHARM069	Hritik Gupta	2022-2026	4	4	4	4	8			
16	220BPHARM070	Sidhant Kakkar	2022-2026	4	5	4	5	9			
17	220BPHARM073	Nidhi	2022-2026	4	4	4	4	8			
18	220BPHARM074	Jayant Rajput	2022-2026	5	4	5	4	9			
19	220BPHARM075	Khushi	2022-2026	5	4	5	4	9			
20	220BPHARM076	Prashant	2022-2026	4	4	4	4	8			
21	220BPHARM077	Anmol Kaushal	2022-2026	4	5	4	5	9			
22	220BPHARM078	Sneha Sharma	2022-2026	2	3	2	2	5			
23	220BPHARM079	Deepika Kashyap	2022-2026	2	4	2	4	6			

24	220BPHARM080	Rohit Yadav	2022-2026	4	5	4	5	9
25	220BPHARM081	Jay Acharya	2022-2026	4	4	4	4	8
26	220BPHARM082	Gaurav Kumar Pal	2022-2026	5	4	5	4	9
27	220BPHARM083	Shaurya Anand	2022-2026	5	4	5	4	9
28	220BPHARM084	Parul Dahiya	2022-2026	4	4	4	4	8
29	220BPHARM085	Batuu Esther Della Beyang	2022-2026	4	5	4	5	9
30	220BPHARM087	Kapil Dev Maurya	2022-2026	2	3	2	2	5
31	220BPHARM088	Ekta Tiwari	2022-2026	0	0	0	0	0
32	220BPHARM089	Anurag Sharma	2022-2026	2	3	2	2	5
33	220BPHARM090	Ujjwal Chauhan	2022-2026	4	4	4	4	8
34	220BPHARM091	Piyush Malik	2022-2026	4	5	4	5	9
35	220BPHARM092	Sachin	2022-2026	4	4	4	4	8
36	220BPHARM096	Manu Yadav	2022-2026	2	4	2	4	6
37	220BPHARM099	Puneet Pandey	2022-2026	0	0	0	0	0
38	220BPHARM100	Awadesh Muraw	2022-2026	0	0	0	0	0
39	220BPHARM101	Anurag Kumar Jha	2022-2026	4	5	4	5	9
40	220BPHARM103	Varun Bhardwaj	2022-2026	0	0	0	0	0
41	231BPHARM003	Omkar Jinghala	2022-2026	4	4	4	4	8
42	210BPHARM037	Vartika	2022-2026	4	5	4	5	9
43	210BPHARM046	Sajjan tanwar	2022-2026	2	4	2	4	6
44	210BPHARM072	Deepanshu yadav	2022-2026	2	4	2	4	6
45	241BPHARM001	Fahad	2022-2026	4	4	4	4	8
Total Students								
Average								
Total Students Appeared In Group Project/ Presentation (N)						3.244444	3.51111	6.88889
Number of students scored average% and above marks (P)								
CO attainment (P/N)*100						30	35	30
						66.67%	77.78%	66.67%

Average Marks	Max Marks	Min. Marks	Std Deviation	Less than 50% (5)	More than 80% (8)
7	10	0	3.02	20.00%	66.7%

Students Marks	0-5	6-10
No. of Students	9	36

Group Project Presentation



Assessment Methods	Attainment Levels	
Group Project/ Presentation	Level1	Less than 50% students scoring more than average% marks.
	Level2	50% to less than 60% students scoring more than average % marks.
	Level3	more than 60% students scoring more than average % marks in internal assessment tools

CO Attainment Level

COs	Attainment Level
CO1	3
CO2	3

SUSHANT UNIVERSITY
School of Health Sciences
Gurugram

Prog. & Branch: B. Pharmacy		Semester:	5th	1st sessional Marks (Odd Semester 2024-25)														
Course Code: BP503T		Course Name: Pharmacology-II			Section: B													
S. No.	Enrolment No.	Student Name	Section-1 (2 marks)					Section-2 (10marks)		Section-3 (5 marks)			Attainment			Total Marks		
			Batch No	1a	1b	1c	1d	1e	2a	2b	3a	3b	3c	CO1(16)	CO2(0)		CO3(2)	CO4 (7)
				C	CO1	CO4	CO3	CO1										
1	220BPHARM051	Abhiroop Biswas	2022-2026	0	2	2	2	2	6		4	3		10		6	5	21
2	220BPHARM052	Suraj Singh	2022-2026	2	2	2	2	1	7		2		2	12		6	2	20
3	220BPHARM053	Himanshu Gupta	2022-2026	2	2	2	2	2	7		2		3	13		7	2	22
4	220BPHARM054	Sahil	2022-2026	2	2	2	2		8.5		4.5	4		12.5		6.5	6	25
5	220BPHARM056	Bhoomi Gupta	2022-2026	2	2	2	2	2			8.5	3		6		18	2	26
6	220BPHARM057	Jatin Tyagi	2022-2026	2	2			2			8	3.5		6		12.5	3.5	22
7	220BPHARM060	Bhumi kushwaha	2022-2026	2	2	2	1	2	7		3	2		13		6	2	21
8	220BPHARM061	Anupam Dixit	2022-2026											0		0	0	AB
9	220BPHARM062	Sachin Kumar	2022-2026	1	0	2	2	1			8	4	4	2		14	6	22
10	220BPHARM063	Rakhi	2022-2026	2	1.5	2	2	2	8.5		4	4		14		6	6	26
11	220BPHARM064	Shahabuddin	2022-2026	2	0	2	2	2			8	3	4	4		17	2	23
12	220BPHARM065	Lakshay Tiwari	2022-2026	1	1	0	1	1	0		2			3		3	0	6
13	220BPHARM066	Bhagyashali Shukla	2022-2026	2	2	2	2	2			9		4.5	6		15.5	6.5	28
14	220BPHARM067	Gaurisha	2022-2026	2	2	1	0	1	8.5		4	4.5		13.5		4	5.5	23
15	220BPHARM069	Hritik Gupta	2022-2026	2	0	2	2	2	8		4.5		3.5	12		10	2	24
16	220BPHARM070	Sidhant Kakkar	2022-2026	2	2	2	2	1			7	4	3	5		12	6	23
17	220BPHARM073	Nidhi	2022-2026	2	2	2	2	2			7.5	3.5	2	6		11.5	5.5	23
18	220BPHARM074	Jayant Rajput	2022-2026	2	2	1.5	2	2	9		4		3.5	15		9.5	1.5	26

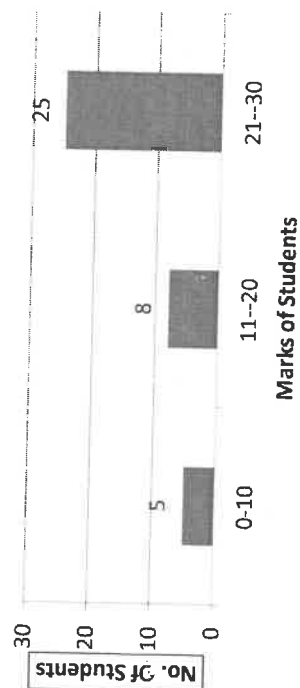
19	220BPHARM075	Khushi	2022-2026	2	2	2	1	2	8.5		4.5	3		14.5		5.5	5	25
20	220BPHARM076	Prashant	2022-2026	1	1	2	2	1.5		8		4	4			14	6	24
21	220BPHARM077	Anmol Kaushal	2022-2026	2	1	2	2	2	7.5		3	3.5		12.5		5	5.5	23
22	220BPHARM078	Sneha Sharma	2022-2026	2	2	1	2	2	5		4		4	11		10	1	22
23	220BPHARM079	Deepika Kashyap	2022-2026	2	0.5	2	2	2	7.5		3	4		12		5	6	23
24	220BPHARM080	Rohit Yadav	2022-2026	2	2	2	2	2	6		3		4	12		9	2	23
25	220BPHARM081	Jay Acharya	2022-2026	2	2	2	1	2	7.5			3.5	4	13.5		5	5.5	24
26	220BPHARM082	Gaurav Kumar Pal	2022-2026															AB
27	220BPHARM083	Shaurya Anand	2022-2026	2	1	2	1	1		5	2		3	4		11	2	17
28	220BPHARM084	Parul Dahiya	2022-2026	1			2			1				1		3	0	4
29	220BPHARM085	Batuo Esther Della Bevang	2022-2026	2	2	0	2	2	6			3	3	12		5	3	20
30	220BPHARM087	Kapil Dev Maurya	2022-2026															Ab
31	220BPHARM088	Ekta Tiwari	2022-2026	2	2	2	2	1	6.5		3.5	4		11.5		5.5	6	23
32	220BPHARM089	Anurag Sharma	2022-2026	2	1	2	0	2		8	3.5	4.5		5		11.5	6.5	23
33	220BPHARM090	Ujjwal Chauhan	2022-2026	0	0.5	1	1	2	5		3	2		8		4	3	15
34	220BPHARM091	Piyush Malik	2022-2026	2	1	2	2	2			1		3	5		6	2	13
35	220BPHARM092	Sachin	2022-2026	1			1	1			3	2		2		4	2	8
36	220BPHARM096	Manu Yadav	2022-2026															Ab
37	220BPHARM099	Puneet Pandey	2022-2026															Ab
38	220BPHARM100	Awadesh Muraw	2022-2026															Ab
39	220BPHARM101	Anurag Kumar Jha	2022-2026	1	2	2	0.5	0	5		1.5	2		8		2	4	14
40	220BPHARM103	Varun Bhardwaj	2022-2026	2		2	1	0.5		5.5		2	3	2.5		9.5	4	16
41	231BPHARM003	Omkar Jinghala	2022-2026	2	2	2	2	1.5	7		3.5		4	12.5		9.5	2	24
42	210BPHARM037	Vartika	2022-2026		1		1	2		5		3	3	3		9	3	15
43	210BPHARM046	Sajjan tanwar	2022-2026															Ab
44	210BPHARM072	Deepanshu yadav	2022-2026	1	1	1	1	0	4		2			6		3	1	10
45	241BPHARM001	Fahad	2022-2026			0			0		0	0		0		0	0	0

Total Students					
Average		8.0256	0	7.71794	3.41025
Total Students Appeared In CAT (N)		4		9	6
Number of students scored average% and above marks (P)					
CO attainment (P/N)*100		18	1	17	18
		47.37	2.63%	44.74%	47.37%
		%			%
					71.05
					38
					27
					19.66
					45

Average Marks	Max Marks	Min. Marks	Std Deviation	Less than 50% (15)	More than 80% (24)
20	28	0	6.56	23.68%	26.3%

Marks of students	0-10	11--20	21--30
No. of students	5	8	25

COs Attainment for 1st Sessional Exam



Assessment Methods	Attainment Levels	
Assignment	Level1	Less than 50% students scoring more than average% marks.
	Level2	50% to less than 60% students scoring more than average % marks.
	Level3	more than 60% students scoring more than average % marks in internal assessment tools

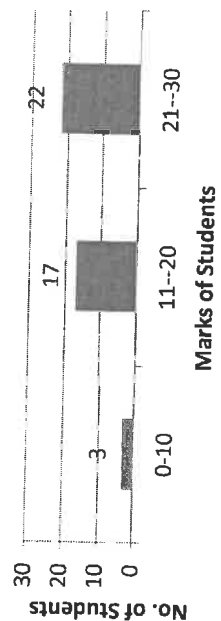
CO Attainment Level	
COs	Attainment Level
CO1	1
CO3	1
CO4	1

SUSHANT UNIVERSITY
School of Health Sciences
Gurgaon

Prog. & Branch: B. Pharmacy			Semester: 5th		2nd sessional Marks (Odd Semester 2024-25)		Section: B											
Course Code: BP503T			Course Name: Pharmacology-II			Section: B												
			Section-1 (2 marks)					Section-2 (10marks)			Section-3 (5 marks)							
S. No.	Enrolment No.	Student Name	Batch No	1a	1b	1c	1d	1e	2a	2b	3a	3b	3c	Attainment		Total Marks		
				CO 3	CO 3	CO 2	CO 3	CO 1	CO2	CO2	CO 4	CO 2	CO 3	CO 2	CO 3		CO1(02)	CO2(27)
1	220BPHARM051	Abhiroop Biswas	2022-2026	1	2	2	2	1	6		3.5	2.5		1	10.5	5	3.5	20
2	220BPHARM052	Suraj Singh	2022-2026	1	1	2		2		6		3		2	11	2	0	15
3	220BPHARM053	Himanshu Gurta	2022-2026	2	2	2	1	2	7		3			2	9	7	3	21
4	220BPHARM054	Sahil	2022-2026	2	1	2	2	2		8	4			4	10	9	4	25
5	220BPHARM056	Bhoomi Gurta	2022-2026	2	2	2	2	2		8				2	14.5	10.5	0	27
6	220BPHARM057	Jain Tvagi	2022-2026	1	1	1	0.5	2	5		3.5			3	6	5.5	3.5	17
7	220BPHARM060	Bhumi kushwaha	2022-2026	2	2	2	2	1	6		3	2		1	10	4	3	18
8	220BPHARM061	Anupam Dixit	2022-2026															AB
9	220BPHARM062	Sachin Kumar	2022-2026															AB
10	220BPHARM063	Rakhi	2022-2026	2	0.5	1.5	2	2		8	4			4	9.5	8.5	4	24
11	220BPHARM064	Shahabuddin	2022-2026	2	0	2	2	2		7		3		2	12	7	0	21
12	220BPHARM065	Lakshay Tiwari	2022-2026	1.5	0.5	1	0	1	8		4.5	4.5		1	13.5	2	4.5	21
13	220BPHARM066	Bhagyashali Shukla	2022-2026	2	2	2	2	2	8			4.5	4.5	2	14.5	10.5	0	27
14	220BPHARM067	Gaurisha	2022-2026	2	2	2	1	2	9		4			2	15	5	4	26
15	220BPHARM069	Hritik Gurta	2022-2026	1	2	2	2	1		8	4	4		1	14	5	4	24
16	220BPHARM070	Sidhant Kakkar	2022-2026	2	2	1	2	2	4		3	4		2	9	6	3	20
17	220BPHARM073	Nidhi	2022-2026	2	2	2	2	1		7		3	4	1	12	10	0	23
18	220BPHARM074	Jayant Rajput	2022-2026	2	2	2	2	2		8		4	4	2	14	10	0	26
19	220BPHARM075	Khushi	2022-2026	0	1	1	2	2	8			4		2	9	7	4	22
20	220BPHARM076	Prashant	2022-2026	2	1	2	2	0		7		4.5	3.5	0	13.5	8.5	0	22
21	220BPHARM077	Anmol Kaushal	2022-2026	2	2	2	2	0		6.5	2.5			3	8.5	9	2.5	20
22	220BPHARM078	Sneha Sharma	2022-2026	1	2	0	1	0		5.5				3	8.5	8.5	0	17
23	220BPHARM079	Deepika Kashyap	2022-2026	2	2	0.5	1.5	2	6		3.5	3.5		2	10	5.5	3.5	21
24	220BPHARM080	Rohit Yadav	2022-2026	0	2	2	2	2		7	4			4	9	8	4	23
25	220BPHARM081	Jay Acharya	2022-2026	2	2	2	2	2	8		3	2		2	12	6	3	23

Marks of students	0-10	11--20	21--30
No. of students	3	17	22

COs Attainment for 2nd Sessional Exam



Assessment Methods	Attainment Levels	
	Level1	Less than 50% students scoring more than average% marks.
	Level2	50% to less than 60% students scoring more than average % marks.
	Level3	more than 60% students scoring more than average % marks in internal assessment tools

CO Attainment Level	
COs	Attainment Level
CO1	2
CO2	2
CO3	2
CO4	2

SUSHANT UNIVERSITY
School of Health Sciences

[illegible]

Assessment Methods	Attainment Levels	
CAT-1	Level 1	Less than 50% students scoring more than average % marks.
	Level 2	50% to less than 60% students scoring more than average % marks.
	Level 3	more than 60% students scoring more than average % marks in internal assessment tools

CO Attainment Level	
COs	Attainment Level
CO1	2
CO2	2
CO3	2
CO4	2

SUSHANT UNIVERSITY

Academic Year - Odd 2024-25

Course Exit Survey

Program:	B. Pharmacy	Sem:	V				
Course Name:	Pharmacology-II	Course Code:	BP4503T				
Faculty Name:	Ms Damini	Date of Survey:	10.01.2024				
Student Full Name	CO1		CO2		CO3		CO4
	Course Exit survey parameter1	Attainment of CO1	Course Exit survey parameter2	Attainment of CO2	Course Exit survey parameter3	Attainment of CO3	Course Exit survey parameter4
Abhiroop Biswas	Good	12	Good	12	Good	12	Good
Suraj Singh	Very Good	16	Very Good	16	Very Good	16	Very Good
Himanshu Gupta	Very Good	16	Very Good	16	Very Good	16	Very Good
Sahil	Very Good	16	Very Good	16	Very Good	16	Very Good
Bhoomi Gupta	Excellent	20	Excellent	20	Excellent	20	Excellent
Jatin Tyagi	Poor	4	Poor	4	Poor	4	Poor
Bhūmi kushwaha	Very Good	16	Very Good	16	Very Good	16	Very Good
Anupam Dixit	Good	12	Good	12	Good	12	Good
Sachin Kumar	Very Good	16	Very Good	16	Very Good	16	Very Good
Rakhi	Excellent	20	Excellent	20	Excellent	20	Excellent
Shahabuddin	Very Good	16	Very Good	16	Very Good	16	Very Good
Lakshay Tiwari	Very Good	16	Very Good	16	Very Good	16	Very Good
Bhagyashali Shukla	Excellent	20	Excellent	20	Excellent	20	Excellent
Gaurisha	Excellent	20	Excellent	20	Excellent	20	Excellent
Hritik Gupta	Very Good	16	Very Good	16	Very Good	16	Very Good

Attainment of CO4

Sidhant Kakkar	Good	12	Good	12	Good	12	Good	12	Good	12
Nidhi	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Jayant Rajput	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Khushi	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Prashant	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Anmol Kaushal	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Sncha Sharma	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Deepika Kashyap	Good	12	Good	12	Good	12	Good	12	Good	12
Rohit Yadav	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Jay Acharya	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Gaurav Kumar Pal	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Shaurya Anand	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Parul Dahiya	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Batuo Esther Della Beyang	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Kapil Dev Maurya	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Ekta Tiwari	Good	12	Good	12	Good	12	Good	12	Good	12
Anurag Sharma	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Ujjwal Chauhan	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Piyush Malik	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Sachin	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Manu Yadav	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Puneet Papdey	Good	12	Good	12	Good	12	Good	12	Good	12
Awadesh Muraw	Poor	4	Poor	4	Poor	4	Poor	4	Poor	4
Anurag Kumar Jha	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Varun Bhardwaj	Poor	4	Poor	4	Poor	4	Poor	4	Poor	4
Omkar Jinghala	Excellent	20	Excellent	20	Excellent	20	Excellent	20	Excellent	20
Vartika	Very Good	16	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Sajjan tanwar	Good	12	Good	12	Good	12	Good	12	Good	12

Deepanshu yadav	Good	12	Good	12	Good	12	Good	12
Fahad	Very Good	16	Very Good	16	Very Good	16	Very Good	16
Average		15.289		15.289		15.289		15.289
No of students >=Avg		34		34		34		34
Total students		45		45		45		45
Attainment Level (%)		75.56%		75.56%		75.56%		75.56%
Attainment Level		3		3		3		3
Assessment Methods	Attainment Levels							
Assessment	Level1	Less than 50% students scoring more than average% marks.						
	Level2	50% to less than 60% students scoring more than average % marks.						
	Level3	more than 60% students scoring more than average % marks in internal assessment tools						

CO Attainment Level	
COs	Attainment Level
CO1	3
CO2	3
CO3	3
CO4	3

SUSHANT UNIVERSITY				
School of Health Sciences				
Result Analysis (Odd Semester 2024-25)				
Program :	B. Pharm	Sem:	V	
Course Name:	Pharmacology-II	Course Code:	BP503 T	
Faculty Name:	Ms Damini			
Consolidated CO Attainment (Internal)				
Mid term 15 : Assignment/Presentation 25				
Sessional 1	Sessional 2	Assignment 1	Group Project/ Presentation	Total
CO1	1	2	3	1.05
CO2	1	2	3	1.05
CO3		2		0.3
CO4	1	2	3	0.75

SUSHANT UNIVERSITY				
School of Health Sciences				
Result Analysis (Odd Semester 2024-25)				
Program:	B. Pharm	Sem:	V	
Course Name:	Pharmacology-II	Course Code:	BP503 T	
Faculty Name:	Ms Damini			
Consolidated CO Attainment (Internal+External)				
Internal 25 : External 75				
COs	Internal (Mid term+Assignment + Group Presentation)	End Term (ESE)	Total	
CO1	1.05	2	1.7625	
CO2	1.05	2	1.7625	
CO3	0.3	2	1.575	
CO4	0.75	2	1.6875	

SUSHANT UNIVERSITY				
School of Health Sciences				
Odd Semester 2024-25				
Program:	B. Pharm	Sem:	V	
Course Name:	Pharmacology-II	Course Code:	BP503T	
Faculty Name:	Ms Damini			
CO Attainment				
COs	Direct	Indirect	Total	
CO1	1.7625	3	2.01	
CO2	1.7625	3	2.01	
CO3	1.575	3	1.86	
CO4	1.6875	3	1.95	

Sushant University														
School of Health Sciences														
CO-PO-PSOs Attainment Analysis (Odd Semester 2024-25)														
Program:	B. Pharm									Sem:		V		
Course Name:	Pharmacology-II									Course Code:		BP503T		
Faculty Name:	Ms Damini													
Course Outcomes (COs)	Program Outcomes (POs)													Program Specific Outcomes (PSOs)
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	
	3	1	1	1	3	2	3	2	3	1	3	1	1	
	1	1	1	1	3	2	3	1	3	1	1	1	1	
	3	3	1	1	3	3	3	2	3	1	3	2	1	
	1	3	1	1	3	3	3	2	3	1	1	2	1	
1=Lightly mapped 2= Moderately mapped 3=Strongly mapped														

Course Outcomes (COs)	Program Outcomes (POs)										Program Specific Outcomes (PSOs)		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
	6.03	2.01	2.01	2.01	6.03	4.02	6.03	4.02	6.03	2.01	6.03	2.01	2.01
	2.01	2.01	2.01	2.01	6.03	4.02	6.03	2.01	6.03	2.01	2.01	2.01	2.01
	5.58	5.58	1.86	1.86	5.58	5.58	5.58	3.72	5.58	1.86	5.58	3.72	1.86
	1.95	5.85	1.95	1.95	5.85	5.85	5.85	3.9	5.85	1.95	1.95	3.9	1.95
Attainment	1.94625	1.93125	1.9575	1.9575	1.9575	1.947	1.9575	1.95	1.9575	1.9575	1.94625	1.94	1.9575
Percentage of PO attainment (%)	64.9	64.4	65.3	65.3	65.3	64.9	65.3	65.0	65.3	65.3	64.9	64.7	65.3