60

Total

100



Program	Master of Pharmacy (M.Pharm)	Semester - 3
Type of Course	-	
Prerequisite		
Course Objective	-	
Effective From A.Y.	2024-25	

Teaching Scheme (Contact Hours)					Exa	mination Sch	eme	
				Theory Marks		Practical Marks		Total
Lecture	Tutorial	Lab	Credit	External Marks (T)	Internal Marks (T)	External Marks (P)	Internal Marks (P)	Marks
4	-	-	4	75	25	-	-	100

	se Content						• ''	eaching Hours   <b>W</b>		
Sr.	Topics								Т	W
1	Unit 1								12	20
								terature, study de olinding technique		ypes
2	Unit 2								15	25
3	regression), nor values, degree o	ı-parametric t	ests (Wilcoxan ra	ank tests, analy				A, Correlation coetest), null hypothe		nt,
	Illnit 3								15	25
3	Unit 3								15	25
3	Medical Researd autonomy and b ethics, importan	eneficence/n ice of commu	on-maleficence, nication, control	euthanasia, inf resolution, gui	ormed conser delines, ethics	t, confidentia committees,	lity, criticisr cultural cor	ole effect, conflicts ns of orthodox moncerns, truth tellin s, sexual relations	betw edical g, onli	een
4	Medical Researd autonomy and b ethics, importan business practio	eneficence/n ice of commu	on-maleficence, nication, control	euthanasia, inf resolution, gui	ormed conser delines, ethics	t, confidentia committees,	lity, criticisr cultural cor	ms of orthodox moncerns, truth tellin	betw edical g, onli	een
	Medical Researd autonomy and bethics, important business praction fatality.  Unit 4  CPCSEA guideling	neneficence/n nce of commu ces, conflicts nes for labora onal hygiene,	on-maleficence, nication, control of interest, refer tory animal facil location of anim	euthanasia, inf resolution, gui ral, vendor rela lity: Goals, vete nal facilities to	ormed conser delines, ethics tionships, trea rinary care, qu laboratories, a	at, confidentia committees, tment of fam arantine, surv nesthesia, eu	lity, criticisr cultural cor ily members reillance, dia thanasia, ph	ms of orthodox moncerns, truth tellin	s betweedical g, onlinips,	een ne 20
	Medical Researd autonomy and bethics, important business praction fatality.  Unit 4  CPCSEA guidelity of disease, pers	neneficence/n nce of commu ces, conflicts nes for labora onal hygiene,	on-maleficence, nication, control of interest, refer tory animal facil location of anim	euthanasia, inf resolution, gui ral, vendor rela lity: Goals, vete nal facilities to	ormed conser delines, ethics tionships, trea rinary care, qu laboratories, a	at, confidentia committees, tment of fam arantine, surv nesthesia, eu	lity, criticisr cultural cor ily members reillance, dia thanasia, ph	ms of orthodox moncerns, truth tellings, sexual relations	s betweedical g, onlinips,	een ne 20

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Level	Remembrance	Understanding
Weightage	50	50

NOTE: This specification table shall be treated as a general guideline for the students and the teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Cour	se Outcomes					
At the	At the end of this course, students will be able to:					
C01	The students s	should understand the future tends and importance of statistical tools in research and pharmacy.				
CO2	The students s	should able to understand the regulatory prospectives of medical research				
Dofo	ranca Rooks					

Ref	nce Books
1.	ESEARCH METHODOLOGY (TextBook) y C R Kothari   New Age International Publishers   5th
2.	harmaceutical Experimental Design y Gareth A. Lewis, Didier Mathieu, Roger Phan-Tan-Luu   CRC Press   1st
3.	harmaceutical Statistics Practical and Clinical Applications v Sanford Bolton, Charles Bon J CRC Press J 5th, Pub. Year 2009

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