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Program	Master of Pharmacy (M.Pharm)	Semester - 2
Type of Course	-	
Prerequisite		
Course Objective	-	
Effective From A.Y.	2023-24	

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

Cou	rse Content	<b>T</b> - Teaching Hours   <b>W</b> -	Weig	jhtag
Sr.	Topics		Т	W
1	UNIT 1		10	20
	Practice (ICH-G Human Particip	erspectives of Clinical Trials: Origin and Principles of International Conference on Harmonization - Good CP) guidelines Ethical Committee: Institutional Review Board, Ethical Guidelines for Biomedical Researd ant Schedule Y, ICMR Informed Consent Process: Structure and content of an Informed Consent Proces rning informed consent process.	ch an	d
2	UNIT 2		10	20
		Types and Design Experimental Study- RCT and Non RCT, Observation Study: Cohort, Case Control, Cross	e ear	tiona
	Clinical Trial St	udy Team Roles and responsibilities of Clinical Trial Personnel: Investigator, Study Coordinator, Sponsor nization and its management		
3	Clinical Trial St	udy Team Roles and responsibilities of Clinical Trial Personnel: Investigator, Study Coordinator, Sponsor		
3	Clinical Trial St Research Organ  UNIT 3  Clinical Trial Do Report Forms, O types. Detection	udy Team Roles and responsibilities of Clinical Trial Personnel: Investigator, Study Coordinator, Sponsor	r, Cor 10 re, Ca n and	20
3	Clinical Trial St Research Organ  UNIT 3  Clinical Trial Do Report Forms, O types. Detection	udy Team Roles and responsibilities of Clinical Trial Personnel: Investigator, Study Coordinator, Sponsor nization and its management  ocumentation- Guidelines to the preparation of documents, Preparation of protocol, Investigator Brochur Clinical Study Report Clinical Trial Monitoring Safety Monitoring in CT Adverse Drug Reactions: Definition and reporting methods. Severity and seriousness assessment. Predictability and preventability assess	r, Cor 10 re, Ca n and	20
	UNIT 3  Clinical Trial Do Report Forms, O types. Detection Management of UNIT 4  Basic aspects, of safety monit and Regulatory	udy Team Roles and responsibilities of Clinical Trial Personnel: Investigator, Study Coordinator, Sponsor nization and its management  ocumentation- Guidelines to the preparation of documents, Preparation of protocol, Investigator Brochur Clinical Study Report Clinical Trial Monitoring Safety Monitoring in CT Adverse Drug Reactions: Definition and reporting methods. Severity and seriousness assessment. Predictability and preventability assess	10 10 10 10 10 10 10 10	20 use tt, 20 unce WHO

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and Vaccine safety surveillance. Spontaneous reporting system and Reporting to regulatory authorities, Guidelines for ADRs

reporting. Argus, Aris G Pharmacovigilance, Vigi Flow, Statistical methods for evaluating medication safety data.

UNIT 6

6



Course Content T - Teaching Hours   W				ghtage
Sr.	Topics		Т	W
	Pharmacoepide	miology, pharmacoeconomics, safety pharmacology		
	•	Total	60	100

Suggested Distribution Of Theory Marks Using Bloom's Taxonomy							
Level	<b>Level</b> Remembrance Understanding Application						
Weightage	40	40	20				

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.

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OURSE ()	utcomes	:
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At the	At the end of this course, students will be able to:				
1.01	Inderstand and learn regulatory requirements for conducting clinical trial and clinical trial lesign.				
C02	inderstand roles of trial personnels and clinical trial documents.				
CO3	Inderstand about ADR and pharmacovigilance.				

Ref	er	'en	Ce	R	O	nks
1161				_	v	o no

Refe	erence Books	
1.		niical Trials (TextBook) n   John Wiley & Sons Ltd, The Atrium, Southern Gate, Chichester   1, Pub. Year 2004
2.	Clinical data m By edited by Ric	anagement chard Rondel, Sheila Varley, Colin Webb   Chichester: Wiley, c2000   2
3.	Handbook of cl By Julia Lloyd a	inical Research and Ann Raven Ed   Churchill Livingstone; 1994, Pub. Year 1994
4.		linical Research (Indian Edition) nazio Di Giovanna and Gareth Hayes
5.	Good Clinical P By CDSCO-Guid	ractice guidelines elines
6.		DDENDUM TO ICH E6(R1): GUIDELINE FOR GOOD CLINICAL PRACTICE es, Pub. Year 2023

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