



# VIDEO & SUPPLEMENTARY MATERIAL POSTING

**FACULTY: SbR**

**PROGRAM: M. PHARM**

**Course Code:** M3.1.T & MPT-384

**Course Name:** WHAT IS RESEARCH? / RESEARCH METHODOLOGY & CLINICAL TRIALS

***“Some books are to be tasted, others to be swallowed, and some few to be chewed and digested: that is, some books are to be read only in parts; others to be read but not curiously; and some few to be read wholly, and with diligence and attention.”***

**- Sir Francis Bacon (1561 - 1626)**

English Philosopher & Statesman

## **BASICS OF SYLLABUS PORTION TO BE COVERED**

### **UNIT-I**

**General Research Methodology:** Research, objective, requirements, practical difficulties, review of literature, study design, types of studies, strategies to eliminate errors/bias, controls, randomization, crossover design, placebo, blinding techniques.

### **UNIT-III (Tentative)**

**Medical Research:** History, values in medical ethics, autonomy, beneficence, non-maleficence, double effect, conflicts between autonomy and beneficence/non-maleficence, euthanasia, informed consent, confidentiality, criticisms of orthodox medical ethics, importance of communication, control resolution, guidelines, ethics committees, cultural concerns, truth telling, online business practices, conflicts of interest, referral, vendor relationships, treatment of family members, sexual relationships, futility.

### **Suggested Books for the Course (with links):**

Sl. No.	Book Name, Ed., Vol	Authors	Weblink(s)
1.	Introduction to Research Methods, 4th Ed**	C. Dawson	<a href="#">Link</a> [787 kB]
2.	Fundamental of Research Methodology and Statistics*	Y. K. Singh	<a href="#">Link</a> [1 MB]



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3.	A Gentle Guide to RESEARCH METHODS**	G. Rugg & M. Petre	<a href="#">Link</a> [1 MB]
4.	Handbook of Health research methods**	A. Bowling & S. Ebrahim	<a href="#">Link</a> [5 MB]
5.	RESEARCH METHODOLOGY - A Step by Step Guide for Beginners, 3rd Ed*	Ranjit Kumar	<a href="#">Link</a> [4 MB]
6.	MEDICAL ETHICS (or A CODE OF INSTITUTES & PERCEPTS, Adapted to PROFESSIONAL CONDUCT OF PHYSICIANS AND SURGEONS) <b>[First Book on Medical Ethics]</b>	Thomas Percival (1803)	<a href="#">Link</a> [16.3 MB]
7.	TEXTBOOK OF MEDICAL ETHICS	E.H. Loewy	<a href="#">Link</a> [5 MB]

\*Book #2 & #5: Follows the Syllabus most closely, particularly #5

\*\*Book #1, #3 & #4: Good Reading for further understanding

**Supplementary Materials for Reference and Self Study:**

Class Date	Module (as per Lesson Plan)	Topic	Live Recording Link	Powerpoint Presentation Link	Supplementary Notes / Resources	Remarks, if any
24-07-2020	I	DIKW Hierarchy & Research Methodology	<a href="#">YouTube Link</a>	<a href="#">PPT</a>	<a href="#">Notes</a>	Additional Materials over and above syllabus is provided in the notes. Use your JUDGEMENT
31-07-2020	I	Research - Definitions / Characteristics	<a href="#">YouTube Link</a>	-do-		
07-08-2020	I	Research - Importance & Classification	<a href="#">YouTube Link</a>	-do-		
14-08-2020	I	Research - Types and distinctions	<a href="#">YouTube Link</a>	-do-		
21-08-2020	I	Research - Steps, Difficulties	<a href="#">YouTube Link</a>	-do-		
28-08-2020	I	Research - India Specific difficulties,	<a href="#">YouTube Link</a>	-do-		



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		Stages in Literature Search				
04-09-2020	I	Literature Search - Keywords & Search techniques, Evaluating results	<a href="#">YouTube Link</a>	-do-		
05-12-2020	I	KEYWORDS	<a href="#">YouTube Link</a>	-do-		
12-12-2020	I	Types of Literature	<a href="#">YouTube Link</a>	-do-		
06-02-2021	I	Writing Bibliography & Referencing	<a href="#">YouTube Link</a>	-do-		
13-02-2021	i	Study Designs	<a href="#">YouTube Link</a>	<a href="#">PPT</a>	<ol style="list-style-type: none"> <li>1. <a href="#">Further Reading</a></li> <li>2. <a href="#">Supporting Papers</a></li> <li>3. <a href="#">Interesting Links</a></li> </ol>	
22-02-2021	i	Study Designs	Students not present, hence class could not be recorded	-do-	-do-	
01-03-2021	III	Medical Research - Ethics	Students not present, hence class could not be recorded	<a href="#">PPT</a>	<ol style="list-style-type: none"> <li>1. <a href="#">Study Materials</a></li> <li>2. <a href="#">Further Reading</a></li> </ol>	