

COURSE OUTLINE SPRING 2020

Course Title: Research Methodology

Course Code: RMT-139

Credit Hours: 03

Lecturer: Nadeem Afraz

Email: nadeem.afraz@uos.edu.pk

INTRODUCTION TO COURSE

Quite frequently these days, people talk of research. Several research studies are undertaken and accomplished year after year. But in most cases very little attention is paid to an important dimension relating to research, namely, that of research methodology.

Thus a great deal of research tends to be useless. It may be noted that the significance of research lies in its quality and not in quantity. The need, therefore, is for those concerned with research to pay due attention to designing and adhering to the appropriate methodology throughout for improving the quality of research. The methodology may differ from problem to problem, yet the basic approach towards research remains the same.

LEARNING OUTCOMES

Keeping all this in view, the present course has been designed with two clear objectives,

1. To enable researchers, irrespective of their discipline, in developing the most appropriate methodology for their research studies
2. To make them familiar with the art of using different research methods and techniques.

POWERPOINT PRESENTATIONS, HANDOUTS ETC.

Power point uploaded.

TEXTBOOKS TO BE USED FOR THE COURSE /ARTIST WORK / VIDEOS

Research Methodology: PUBLISHING FOR ONE WORLD NEW AGE INTERNATIONAL (P) LIMITED, PUBLISHERS Visit us at www.newagepublishers.com

Research Methods by Nicholas Walliman Publisher Routledge@2011 Park Square, Milton Park, Abingdon, Oxon OX14 4RN, Simultaneously published in the USA and Canada by Routledge Marketing and Merchandising edge 270 Madison Avenue, New York, NY 10016

Reference Article:

[Ultimate Guide to Harvard Referencing - Cite This For Me](http://www.citethisforme.com/harvard-referencing)

www.citethisforme.com/harvard-referencing

[APA Citation Guide: How to Cite a Book in APA - BibMe](http://www.bibme.org/citation-guide/apa/book/)

www.bibme.org/citation-guide/apa/book/

COURSE CONTENT AND SCHEDULE

Week	Topics and Readings	Dates
1.	<ul style="list-style-type: none"> • Introduction of subject/outlines etc. • What is research methodology? Why we conduct research. Tools and instruments to conduct research 	13-01-2020 14-01-2020
2.	<ul style="list-style-type: none"> • Research Process flow diagram and Understand key concept and • Terminologies of research 	20-01-2020 21-01-2020
3.	<ul style="list-style-type: none"> • Introduction of types and Classification of Research 	27-01-2020 28-01-2020
4.	<ul style="list-style-type: none"> • Introduction of various methods of Research 	03-02-2020 04-02-2020
5.	<ul style="list-style-type: none"> • Research Process- Research Proposal outline 	10-02-2020 11-02-2020
6.	<ul style="list-style-type: none"> • Variables and its types • Correlation & Causation 	17-02-2020 18-02-2020
7.	<ul style="list-style-type: none"> • Test Hypothesis, Classification of Hypothesis 	24-02-2020 25-02-2020
8.	<ul style="list-style-type: none"> • Population and Sampling • Sampling Techniques/ Methods 	02-03-2020 03-03-2020
9.	<u>Mid Semester</u>	09-03-2020 10-03-2020
10.	<ul style="list-style-type: none"> • Design Survey instrument • Survey Administration Research Process 	16-03-2020 17-03-2020
11.	<ul style="list-style-type: none"> • Data Collection • Data Analysis, • Statistical Tools for Analysis 	23-03-2020 24-03-2020
12.	<ul style="list-style-type: none"> • Research Proposal outline • Problem Identification and Problem Statement • Research Question 	30-03-2020 31-03-2020
13.	<ul style="list-style-type: none"> • Aim and Objectives of Research Study, • Significance and limitation of the Research Study. 	6-04-2020 7-04-2020
14.	<ul style="list-style-type: none"> • Research Design, Material and Apparatus, Work plan • Literature Review and its importance 	13-04-2020 14-04-2020
15.	<ul style="list-style-type: none"> • Understand Citation and Referencing • 	20-04-2020 21-04-2020
16	<ul style="list-style-type: none"> • Citation and Referencing Practices 	27-04-2020 28-04-2020
17.	FINAL EXAM / PROJECT	



ASSESSMENT CRITERIA

Sessional: 20 (PowerPoint Presentations, Practical Assignments and Homework)

Mid exam: 30

Final exam: 50

RULES AND REGULATIONS

- 75% Attendance will be must.
- Cell Phones should be silent during class.
- Students will bring their laptops in computer lab.