

**URSP0010 RESEARCH METHODOLOGY - SCHEDULE SEMESTER II, SESSION 2019/2020**  
**SOCIAL SCIENCE (WEEKEND CLASSES)**

Time : 9.00 am - 12.00 pm ; 2.00 pm - 5.00 pm

Venue: Computer Lab, Level 15, Menara Razak

Cohort 1 : Engineering & Technology (Mphil. and Phd. by research)

Section No. : 04 (Semester break 30 March - 3 April 2020)

No.	Module	Date	Lecturers	Topics	Time	Lecture Room
1	Meeting 1	22 February 2020 (Saturday)	Dr. Siti Uzairiah Mohd Tobi	INTRODUCTION - Introduction to Scientific approach to Research, Importance of Research, Research practise, Research Problem, Hypothesis, Components of research-Conceptual framework and action, Research Purpose and objectives, Research scope and limitation	9am-12noon	TBA
					2pm-5pm	TBA
2	Meeting 2	23 February 2020 (Sunday)	Dr Tuti Haryati Jasimin	LITERATURE REVIEW- purpose of literature review, how to conduct literature review, common flaws in literature review, how to do critical review on other research	9am-12noon	TBA
			PSZ Librarian	Library Search by PSZ Librarian	2pm-5pm	PSZ Library, UTM KL
3	Meeting 3	7 March 2020 (Saturday)	Dr. Siti Uzairiah Mohd Tobi	RESEARCH DESIGN – QUALITATIVE & MIXED-METHOD i. Understanding the Qualitative viewpoint ii. Research Paradigm and Mixed Methods Approach iii. Data Collection and analysis : various approaches/methods iv. Validity and Reliability	9am-12noon	TBA
					2pm-5pm	TBA
4	Meeting 4	8 March 2020 (Sunday)	Dr Tuti Haryati Jasimin	RESEARCH DESIGN - QUANTITATIVE i. Types of Quantitative Research ii. Research design – Physical / numerical modelling. iii. Materials and methods. iv. Sampling design / experimentation. v. Variables and indicators. vi. Instrumentation and data collection.	9am-12noon	TBA

				<b>WRITING AND PRESENTATION</b> i. Preparation of research proposal. ii. Writing the research outline iii. Writing of thesis / dissertation. iv. Seminar/conference presentation & research publications	2pm-5pm	TBA
5	Meeting 5	21 March 2020 (Saturday)	Dr Tuti Haryati Jasimin	<b>STATISTICAL ANALYSIS using SPSS</b> i. Analysing, Interpreting and Reporting Result ii. Classroom activities/Discussion	9am-12noon	TBA
				ii. Error analysis and validity of results. iii. Significance of findings. iv. Conclusions and recommendation for further work. v. Case study activity/discussion on student research work.	2pm-5pm	TBA
6	Meeting 6	2 May 2020 (Saturday)	Dr. Siti Uzairiah Mohd Tobi Dr Tuti Haryati Jasimin	<b>Proposal Presentation -Research Proposal</b> i. Introduction/Research Background ii. Problem Statement/Research Gap/Research Objectives and Research Questions iii. Literature Review and Theoretical Framework iv. Research Methodology (Research Design/Research Types/Data Collection/Data Analysis) v. Expected Contribution vi. Action planning	9am-1pm	TBA

\* Please register under section no. : 04, under Razak Faculty of Technology and Informatics