

URSP0010 RESEARCH METHODOLOGY - SCHEDULE SEMESTER II, SESSION 2019/2020
ENGINEERING & TECHNOLOGY (WEEKDAYS CLASSES)

Time : 9.00 am - 12.00 pm ; 2.00 pm - 5.00 pm (every Tuesday)

Venue: Computer Lab, Level 15, Menara Razak

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

Section No. : 01 (Semester break 30 March - 3 April 2020)

No.	Module	Date	Lecturers	Topics	Time	Lecture Room
1	Meeting 1	25-Feb-20	Dr. Rahimah Bt Muhamad	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	
2	Meeting 2	3-Mar-20	Dr. Rozaimi Bin Che Hasan	Literature review - purpose of literature review, how to conduct literature review, common flaws in literature review, how to do critical review on other research (include Library Research)	9am-12noon	TBA
			PSZ Librarian	Library Search by PSZ Librarian	2pm-5pm	TBA
3	Meeting 3	10-Mar-20	Dr. Rahimah Bt Muhamad	Research Methodology- research design,materials and methods, sampling, design of experiment, and Taguchi Method. Research design,materials and methods, sampling, design of experiment, and Taguchi Method.	9am-12noon	TBA
					2pm-5pm	
4	Meeting 4	17-Mar-20	Dr. Rozaimi Bin Che Hasan	Results and analysis - observation and interpretation, error analysis and validity and reliability of data and result significance of findings, conclusions and recommendation for further work	9am-12noon	TBA
					2pm-5pm	
5	Meeting 5	24-Mar-20	Dr. Rahimah Bt Muhamad Dr. Rozaimi Bin Che Hasan	Writing and presentation - Presentation of research findings,writing of technical papers/technical reports,writing techniques/skill, seminar and conference presentation,preparation of research proposal	9am-12noon	TBA
					2pm-5pm	

6	Meeting 6	28-Apr-20	Dr. Rahimah Bt Muhamad Dr. Rozaimi Bin Che Hasan	Proposal Presentation - Research Proposal 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. : 01, under Razak Faculty of Technology and Informatics