

URTP6023 RESEARCH METHODOLOGY - SCHEDULE SEMESTER II, SESSION 2022/2023

ENGINEERING & TECHNOLOGY (WEEKEND CLASSES)

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

Venue: To be announce (TBA)

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

Section No. : 02 (Semester break 24 - 28 April 2023)

No.	Module	Date	Lecturers	Topics	Time	Lecture Room
1	Meeting 1	1-Apr-23	PM. Dr. Robiah Ahmad Dr. Norulhusna Ahmad	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	9-Apr-23	PM. Dr. Robiah Ahmad Dr. Norulhusna Ahmad	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
				Library Search by PSZ Librarian	2pm-5pm	TBA
3	Meeting 3	13-May-23	PM. Dr. Robiah Ahmad Dr. Norulhusna Ahmad	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	TBA
4	Meeting 4	27-May-23	PM. Dr. Robiah Ahmad Dr. Norulhusna Ahmad	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	TBA
5	Meeting 5	3-Jun-23	PM Dr. Robiah Ahmad Dr. Norulhusna Ahmad	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	TBA
6	Meeting 6	24-Jun-23	PM. Dr. Robiah Ahmad Dr. Norulhusna Ahmad	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. : 02, under Razak Faculty of Technology and Informatics

Note: ** Course Coordinator who will be responsible to consolidate marks and keying-in the marks in the system

TBA : ** To be announced

Date Issued : 22 March 2023