GOT PLAN FOR MASTERS (Part Time Students) –research with development

Year of Study	Semester 1		Semester 2	
	Ist Quarter (M1-M3)	2nd Quarter (M4-M6)	3rd Quarter (M7-M9)	4th Quarter (M10-M12)

YEAR ONE	**RESEARCH INDUCTION**
	1. Discussing research supervision philosophy and agreement of supervision ground rules (i.e. plagiarism/turnit-in, support programs need to be attended, computing data analysis skill, reading material searching skills, type of relevant journal, method of writing submission, Thesis writing format & writing skill, colloquium presentation, publication and etc.)
	2. Designing research study plan
	3. Discussing research process outline, milestone and meeting frequency
	4. Determining brief research problem and research topic
	
	Discussing Thesis outline
		REVIEWING THE LITERATURE
		Identifying and drafting:
		1. research area/ scope
		2. knowledge gap in the research scope
		3. rationale of the study
		4. Research background (align with variables in research objectives) and problem statement
		5. formulating research objectives and research questions
		6. suitable research methodology will be employed
		7. finding supportive evidence for Research Background
			METHODOLOGY
			1. Identifying Research Design
			  a) Sampling strategy
			  b) Research Instrument Development and verification
			  c) Data collection methods
			  d) Pilot study and research methodology refinement
				RESEARCH PROPOSAL PREPARATION
				Hardcopy research proposal that contain the following chapters:
				  a) Introduction
				  b) Literature Review
				  c) Methodology
				  d) Research Instrument
				
				Refining proposal

KAI **Thesis**		Draft of Chapter 1& literature review accepted by panel	Draft of methodology chapter approved by panel	• Proposal approved by panel • Notice for proposal defence
Publication				Conference paper: Concept paper – methodology (eg: instrument review)
Courses	**MPPU 1070 : Critical Analysis (HW)**	**MPPU 1060 (R): Research Methodology & Data Analysis (HW)**	**MPPU 1080 : Academic Writing (HW)**	**University Elective Course (3 Credits)**

Year of Study	Semester 3		Semester 4	
	Ist Quarter (M13-M15)	2nd Quarter (M16-M18)	3rd Quarter (M19-M21)	4th Quarter (M22-M24)
YEAR TWO	**PROPOSAL DEFENCE AND CORRECTION**	**System Design & Development/ Modul Development**	**PILOT STUDY** - Conducting Pilot Study - Writing report for pilot study and methodology section refinement	**Data Collection**
KAI Thesis		Draft of chapter for system/ modul development	Update pilot study results in methodology chapter	
Publication				Journal article (non-indexed)

Year of Study	Semester 5		Semester 6	
	Ist Quarter (M13-M15)	2nd Quarter (M16-M18)	3rd Quarter (M19-M21)	4th Quarter (M22-M24)
Year THREE	**DATA ANALYSIS** 1. Analysing the data 2. Interpreting the data **REPORTING THE OUTPUT**	**DISCUSSION, CONCLUSION AND RECOMMENDATION** 1. Review of the literature review 2. Write Discussion, Conclusion and Recommendation 3. Notice of thesis submission (online application)	**FINALISING THESIS** 1. Writing, compiling and finalising all chapters 2. Checking format of final draft of the thesis with UTM Thesis Manual	**THESIS SUBMISSION** **CORRECTING AND SUBMITTING THE THESIS** - Final checking of the thesis correction by supervisor/ examiners - Binding the thesis and get approval from the supervisor and faculty (including abstract) - Submitting the thesis to SPS with other required documents **Viva Preparation and Mock Viva**
KAI	Thesis	Writing Results Chapter	Writing the last chapter and final preparation		Thesis Submission
	Publication				Journal article (Scopus/ indexed journal): Based on overall thesis