PENGENALAN PENGAJIAN PASCASISWAZAH
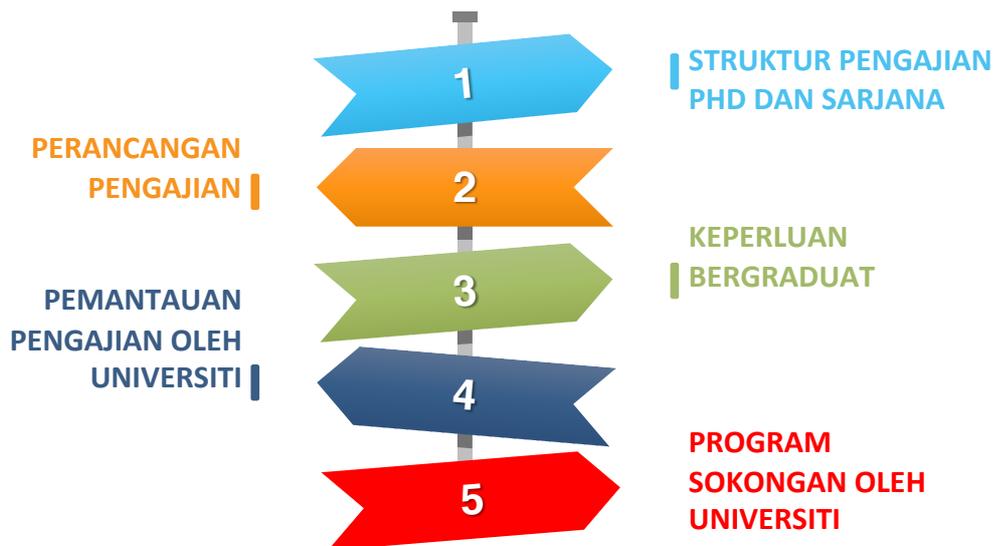
PROF. DR. ZAIDATUN TASIR
School of Education
Faculty of Social Science & Humanities
UTM Johor Bahru
p-zaida@utm.my

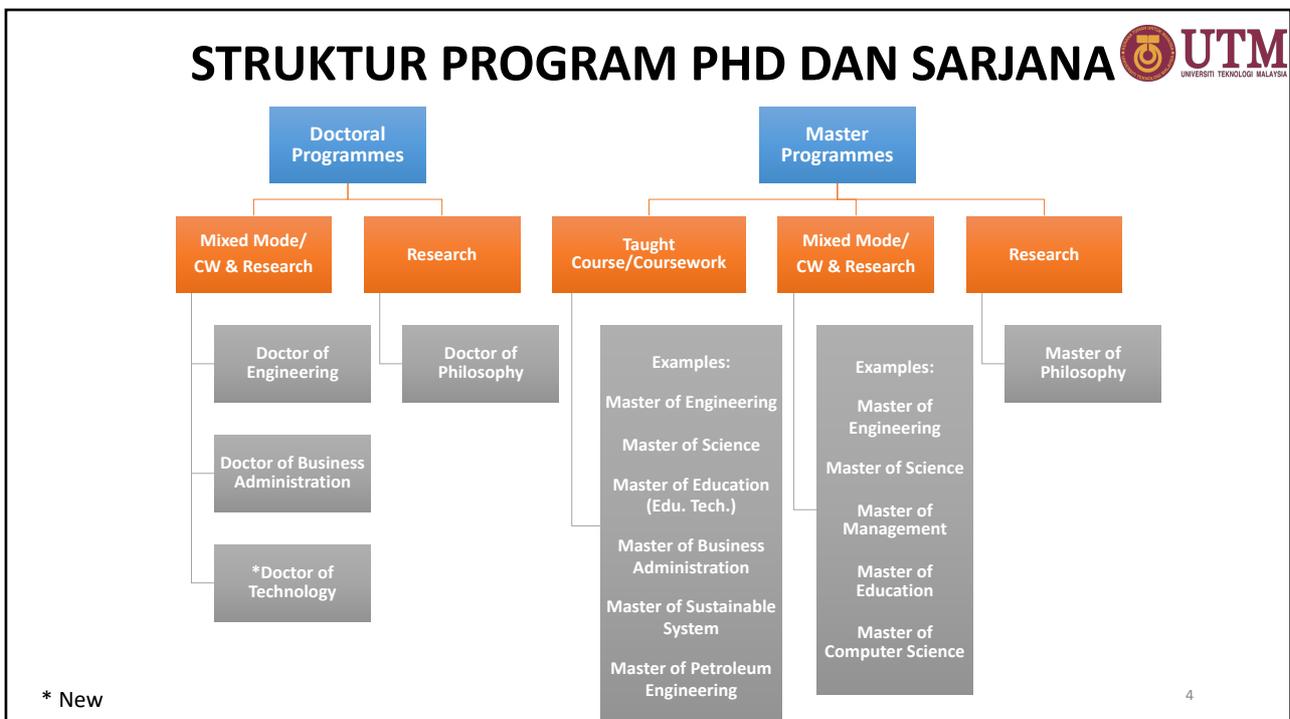Kursus Persediaan Cuti Belajar Tahun 2019 - PPP

1

TOPIK

1 — **STRUKTUR PENGAJIAN PHD DAN SARJANA**

PERANCANGAN PENGAJIAN — 2

3 — **KEPERLUAN BERGRADUAT**

PEMANTAUAN PENGAJIAN OLEH UNIVERSITI — 4

5 — **PROGRAM SOKONGAN OLEH UNIVERSITI**

2

Malaysian Higher Education Landscape

STRUKTUR PROGRAM PHD DAN SARJANA

* New
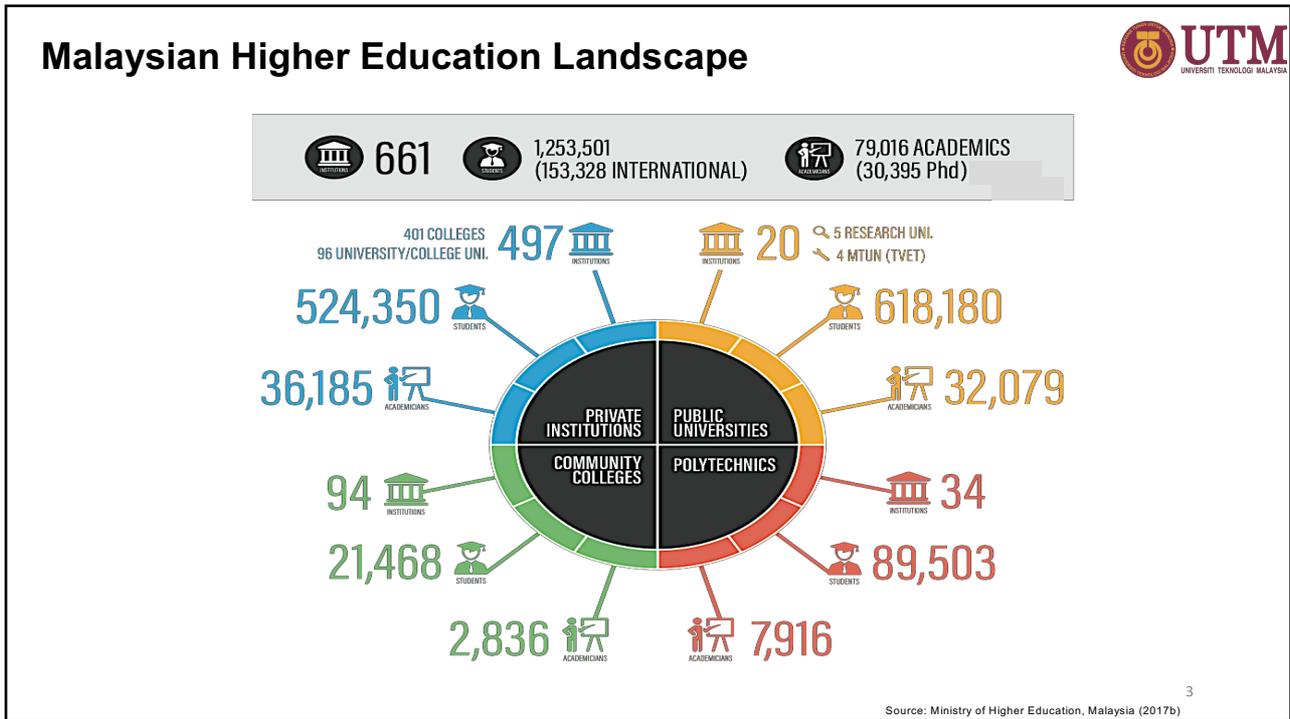
Sarjana KK - Masters Project

- One of the requirement for graduation (coursework programme).
- Implemented in 2 Semesters:-
  - Master's Project 1
  - Master's Project 2
- Supervised by at least ONE of the graduate staff.

Sarjana KK & P - Dissertation

- *"Taught Course and Research Study"* *refers to postgraduate studies implemented by a combination of taught course and research.*
- One of the requirement for graduation (*Taught Course and Research Study* program).
- **The research component (dissertation) is normally carried out after completed all taught courses required by the curriculum of the program**
- Supervised by at least ONE of the graduate staff.

Academic Load For Research Students

- Masters Degree
  - Masters' Thesis : Minimum 40 credit - 1600 hrs

- Doctor of Philosophy
  - PhD Thesis : 90 credit - 3600 hrs

- Comparison
  - Masters' Dissertation – 21 credits – 840 hrs
  - Masters Projects -(12 credits) - 480 hrs
  - Bachelors Degrees Projects – (4 credits) - 160 hrs

Tempoh Pengajian

LEVEL OF STUDY	FULL-TIME		PART-TIME	
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
	(REGISTERED SEMESTER)	(SEMESTER)	(REGISTERED SEMESTER)	(SEMESTER)
Master Degree	2 (1 year)	6 (3 years)	4 (2 years)	8 (4 years)
*Doctoral Degree	6 (3 years)	12 (6 years)	8 (4 years)	16 (8 years)

Graduate on Time (GOT)

- **PhD** - Graduate-On-Time (GOT) merujuk kepada pelajar yang menamatkan pengajian dalam tempoh tujuh (7) semester atau 42 bulan dengan jayanya.

> GOT untuk PhD di RU
> UM, USM, UTM, UKM, UPM =
> 7 semester

Graduate on Time (GOT)

- **PhD** - Graduate-On-Time (GOT) merujuk kepada pelajar yang menamatkan pengajian dalam tempoh tujuh (8) semester atau 48 bulan dengan jayanya.

> GOT untuk PhD di Bukan RU
> UMT, UiTM, UTeM, UTHM, USIM, UMK, UMP etc.=
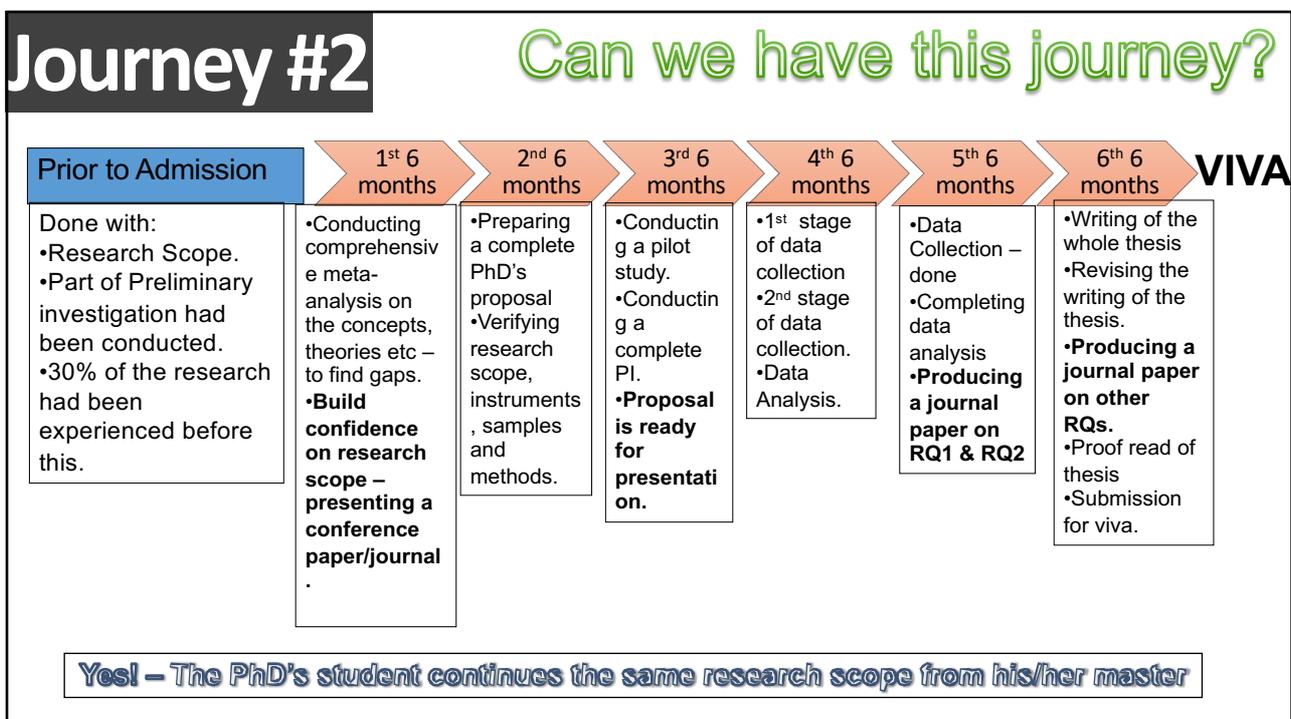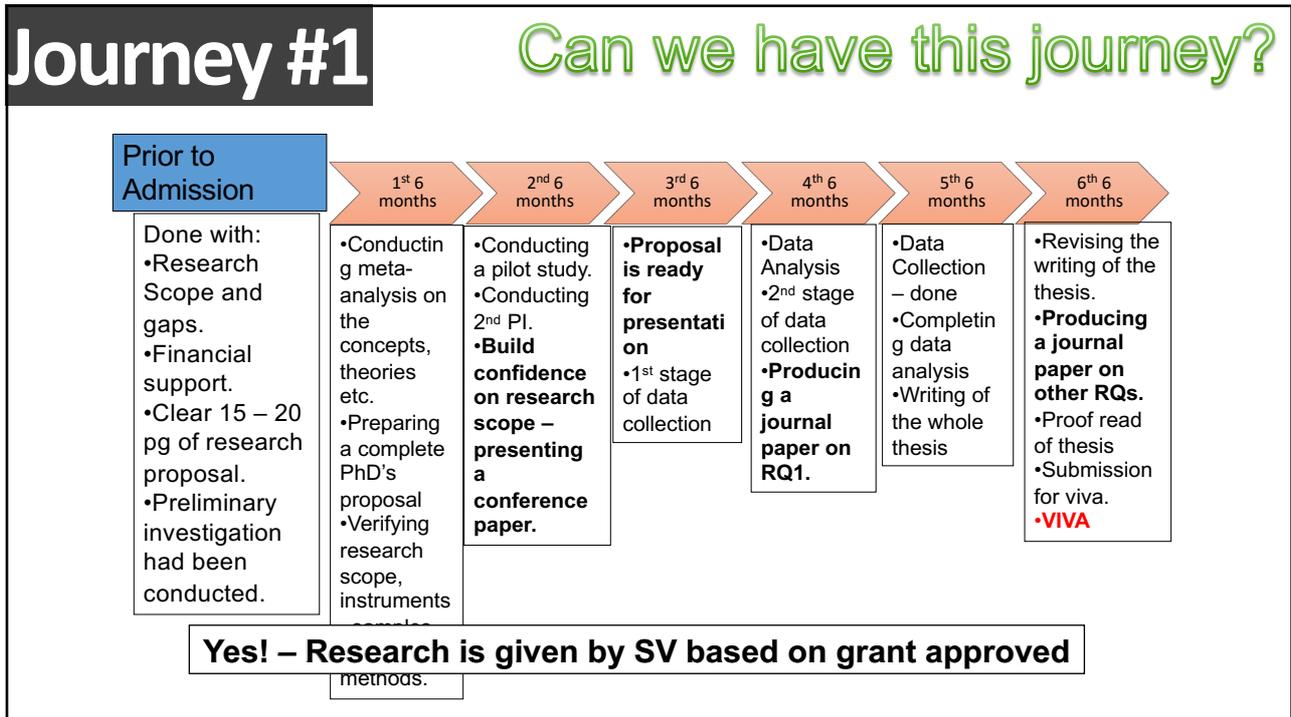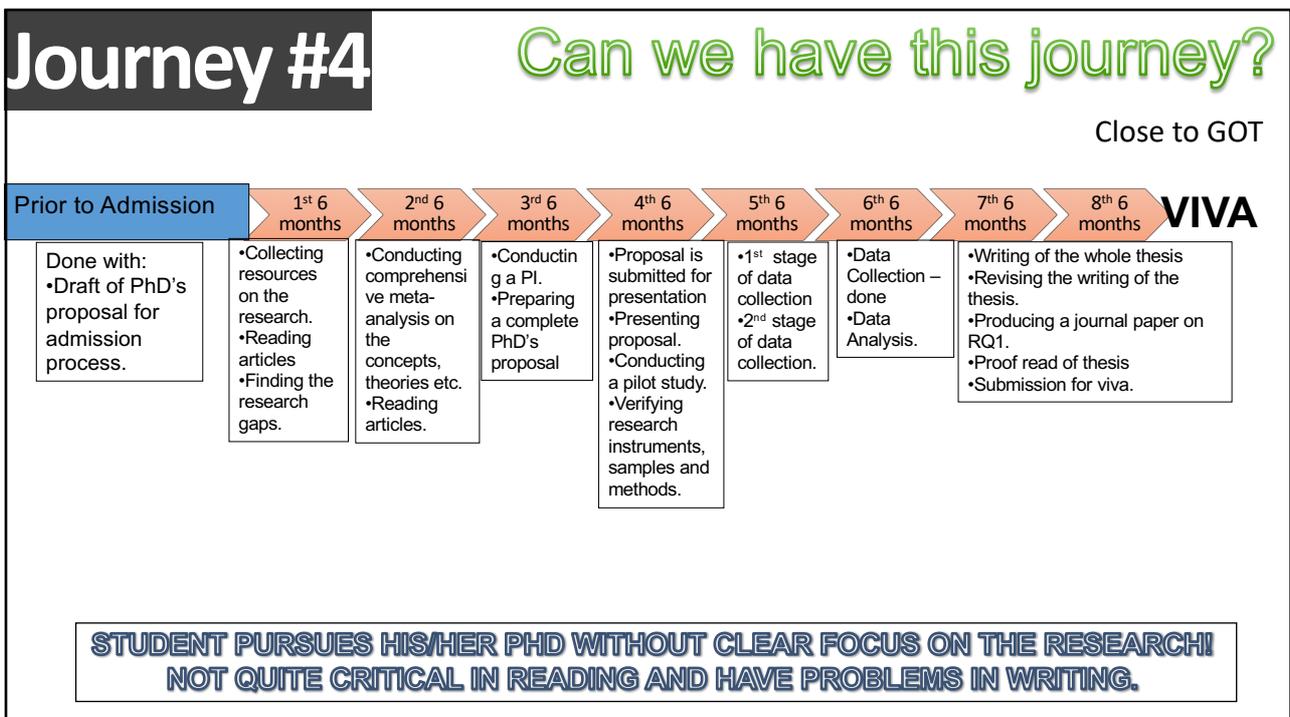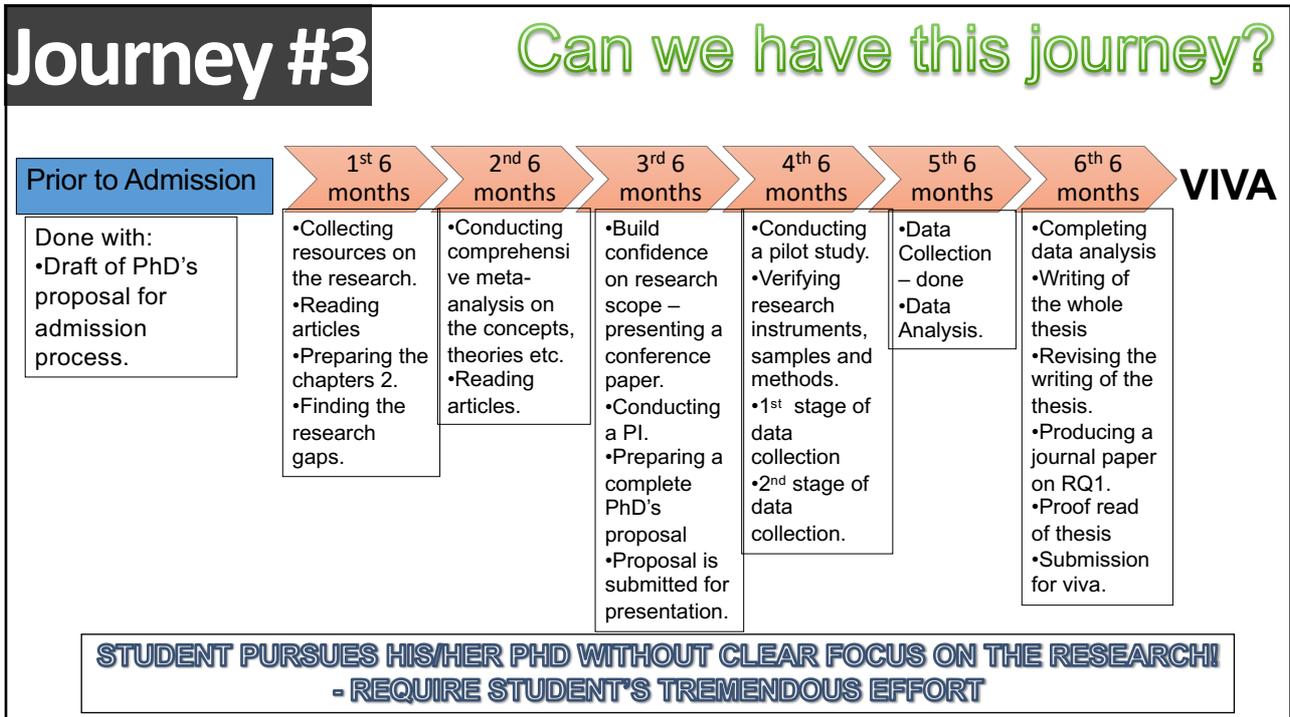> 8 semester

Graduate on Time (GOT)

- **Sarjana** - **Graduate-On-Time (GOT) merujuk kepada pelajar yang menamatkan pengajian dalam tempoh empat (4) semester atau 24 bulan dengan jayanya.**

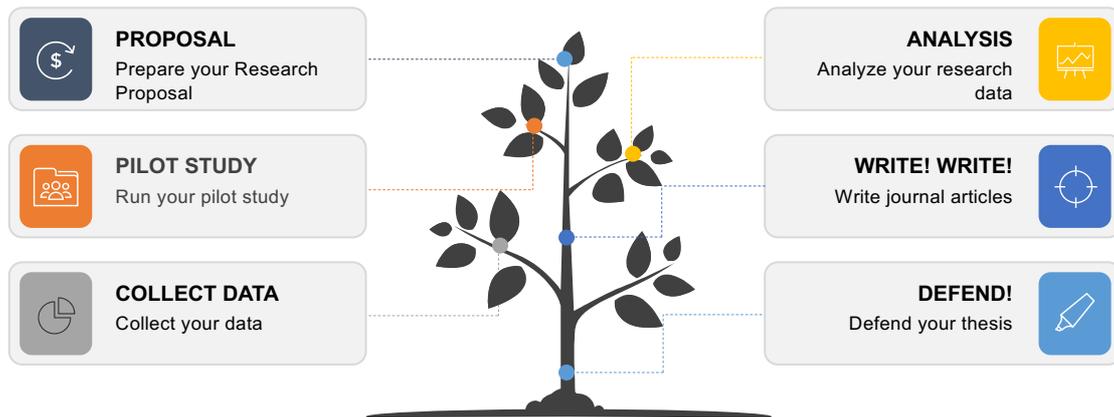GOT untuk Sarjana
(Semua UA)
4 semester

PERANCANGAN PENGAJIAN

Journey #1

Can we have this journey?

Prior to Admission	1st 6 months	2nd 6 months	3rd 6 months	4th 6 months	5th 6 months	6th 6 months
Done with: •Research Scope and gaps. •Financial support. •Clear 15 – 20 pg of research proposal. •Preliminary investigation had been conducted.	•Conducting meta-analysis on the concepts, theories etc. •Preparing a complete PhD's proposal •Verifying research scope, instruments samples methods.	•Conducting a pilot study. •Conducting 2nd PI. •**Build confidence on research scope – presenting a conference paper.**	•**Proposal is ready for presentation** •1st stage of data collection	•Data Analysis •2nd stage of data collection •**Producing a journal paper on RQ1.**	•Data Collection – done •Completing data analysis •Writing of the whole thesis	•Revising the writing of the thesis. •**Producing a journal paper on other RQs.** •Proof read of thesis •Submission for viva. •**VIVA**

Yes! – Research is given by SV based on grant approved

Journey #2

Can we have this journey?

Prior to Admission	1st 6 months	2nd 6 months	3rd 6 months	4th 6 months	5th 6 months	6th 6 months	VIVA
Done with: •Research Scope. •Part of Preliminary investigation had been conducted. •30% of the research had been experienced before this.	•Conducting comprehensive meta-analysis on the concepts, theories etc – to find gaps. •**Build confidence on research scope – presenting a conference paper/journal.**	•Preparing a complete PhD's proposal •Verifying research scope, instruments, samples and methods.	•Conducting a pilot study. •Conducting a complete PI. •**Proposal is ready for presentation.**	•1st stage of data collection •2nd stage of data collection. •Data Analysis.	•Data Collection – done •Completing data analysis •**Producing a journal paper on RQ1 & RQ2**	•Writing of the whole thesis •Revising the writing of the thesis. •**Producing a journal paper on other RQs.** •Proof read of thesis •Submission for viva.	

Yes! – The PhD's student continues the same research scope from his/her master

Journey #3

Can we have this journey?

Prior to Admission	1st 6 months	2nd 6 months	3rd 6 months	4th 6 months	5th 6 months	6th 6 months	VIVA
Done with: •Draft of PhD's proposal for admission process.	•Collecting resources on the research. •Reading articles •Preparing the chapters 2. •Finding the research gaps.	•Conducting comprehensive meta-analysis on the concepts, theories etc. •Reading articles.	•Build confidence on research scope – presenting a conference paper. •Conducting a PI. •Preparing a complete PhD's proposal •Proposal is submitted for presentation.	•Conducting a pilot study. •Verifying research instruments, samples and methods. •1st stage of data collection •2nd stage of data collection.	•Data Collection – done •Data Analysis.	•Completing data analysis •Writing of the whole thesis •Revising the writing of the thesis. •Producing a journal paper on RQ1. •Proof read of thesis •Submission for viva.	

**STUDENT PURSUES HIS/HER PHD WITHOUT CLEAR FOCUS ON THE RESEARCH!
- REQUIRE STUDENT'S TREMENDOUS EFFORT**

Journey #4

Can we have this journey?

Close to GOT

Prior to Admission	1st 6 months	2nd 6 months	3rd 6 months	4th 6 months	5th 6 months	6th 6 months	7th 6 months	8th 6 months	VIVA
Done with: •Draft of PhD's proposal for admission process.	•Collecting resources on the research. •Reading articles •Finding the research gaps.	•Conducting comprehensive meta-analysis on the concepts, theories etc. •Reading articles.	•Conducting a PI. •Preparing a complete PhD's proposal	•Proposal is submitted for presentation •Presenting proposal. •Conducting a pilot study. •Verifying research instruments, samples and methods.	•1st stage of data collection •2nd stage of data collection.	•Data Collection – done •Data Analysis.	•Writing of the whole thesis •Revising the writing of the thesis. •Producing a journal paper on RQ1. •Proof read of thesis •Submission for viva.		

**STUDENT PURSUES HIS/HER PHD WITHOUT CLEAR FOCUS ON THE RESEARCH!
NOT QUITE CRITICAL IN READING AND HAVE PROBLEMS IN WRITING.**

Checklist!

PROPOSAL
Prepare your Research Proposal

PILOT STUDY
Run your pilot study

COLLECT DATA
Collect your data

ANALYSIS
Analyze your research data

WRITE! WRITE!
Write journal articles

DEFEND!
Defend your thesis

Components of a PhD's Research Proposal

- 1.1 Introduction – 1.5 page
- 1.2 Background of Problem – 3-4 pages
- 1.3 Statement of Problem – 1.5 page
- 1.4 Research Objectives – 4-5 ROs
- 1.5 Research Questions – 4-6 RQs
- 1.6 Theoretical Framework – 2 pages with a diagram
- 1.7 Conceptual Framework – 2 pages with a diagram
- 1.8 Importance of Research – 1.5 page
- 1.9 Scopes of Research – 1 page
- 1.10 Operational Definition – 2-3 pages
- 1.11 Summary – 1 para

Total Pages – 22.5 - 27.5 pages

Components of a PhD's Research Proposal

- 2.1 Introduction – 1 para (0.5 page)
- 2.2 Theory 1 – 3-4 pages
- 2.3 Theory 2– 1.5 page
- 2.4 Critical Analysis on Research Gap – 5-6
- 2.5 Critical Analysis on Research Instruments
- 2.6 Previous Research on Research Variable 1
- 2.7 Previous Research on Research Variable 1
- Total Pages – 25 pages

Components of a PhD's Research Proposal

- 3.1 Introduction – 1 para (0.5 page)
- 3.2 Research Design – 2-3 pages
- 3.3 Research Procedure – 1.5 page
- 3.4 Population and Sampling – 1.5 page
- 3.5 Instrumentation – 2 - 6 pages
- 3.6 Pilot Study – 2 pages
- 3.7 Data Analysis – 3 pages
- 3.8 Summary
- Total Pages ~ 20 pages

TIPS ON PUBLICATIONS FROM PG'S WORKS

Publishing Articles from PhD's Thesis

Where to Publish?

How to Publish?

01 Concept Paper

Conference Papers

02 Literature Review

03 Theoretical Analyses

Book Chapters/Journal Articles

04 Systematic Review

05 Research Findings (1-n)

Journal Articles

06 The Whole Thesis
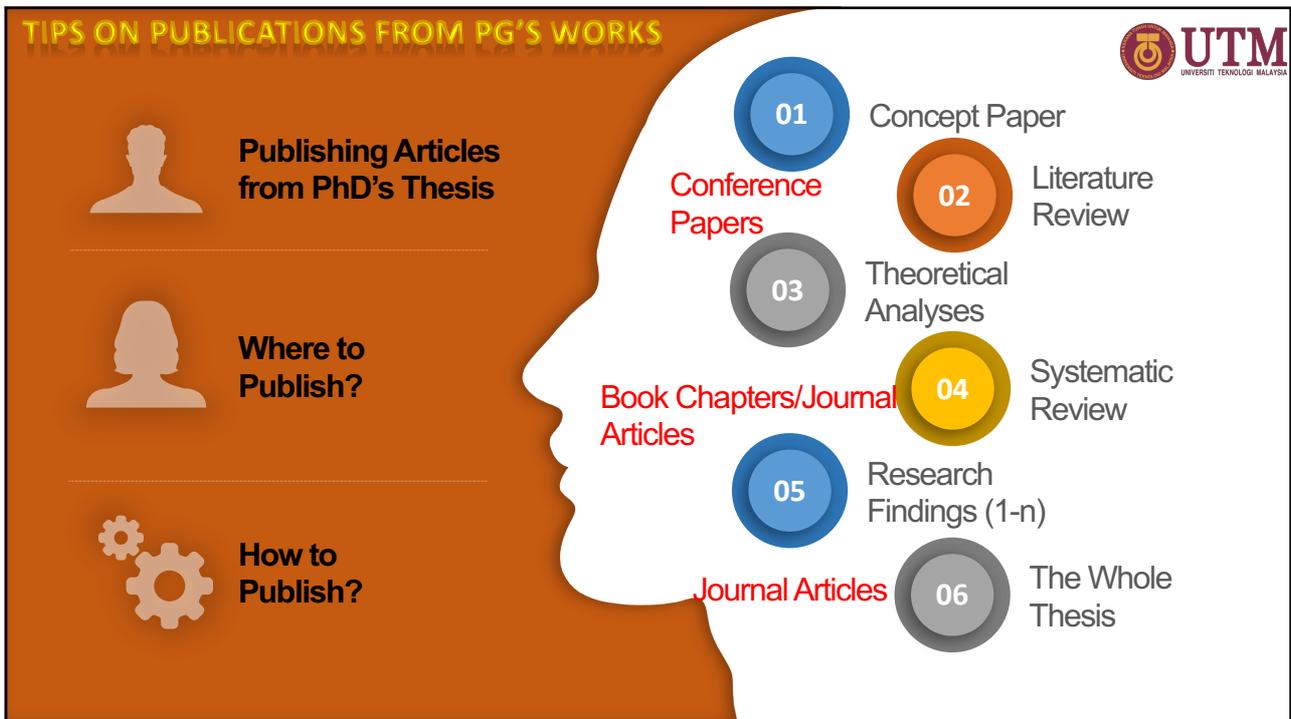
Cerita 1

- Pelajar X – seorang wanita dan guru sekolah dan menjaga ibu yang tua dan uzur dan sedang sakit.
- Mendapat tawaran Cuti Belajar untuk sambung pengajian PhD.
- Beliau tidak boleh tinggal di universiti dan berulang-alik sejauh 120 km setiap hari.
- Sentiasa senyum dan berkata OK dan saya boleh buat
- Tamat pengajian dengan jayanya dalam tempoh 4 tahun.

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KEPERLUAN BERGRADUAT

Graduation Requirements - General

- A student is only qualified to be awarded a postgraduate degree/diploma/certificate after fulfilling the following conditions:

a) Obtained the total Credits for Graduation as determined by the curriculum of the program with academic standing of Good Pass (KB);

b) Pass all the courses required by the program and pass thesis/dissertation (if required);

c) Submit an application for conferment of a degree;

d) Paid all fees;

e) Fulfilled other requirements

Keperluan Bergraduat
Sarjana Kerja Kursus Sepenuhnya

- Selesai mengambil kursus minimum 40-45 kredit
- CGPA minimum 3.0
- Selesai menjilid Projek Sarjana
- Mengisi borang permohonan graduan
- Tidak berhutang

Keperluan Bergraduat
Sarjana Kerja Kursus & Penyelidikan

- Selesai mengambil kursus minimum 18 - 25 kredit
- CGPA minimum 3.0
- Lulus Pembentangan Proposal dan Viva Disertasi
- Selesai menjilid Disertasi (18-22 kredit Jam Pembelajaran Pelajar)
- Mengisi borang permohonan graduan
- Tidak berhutang

**Keperluan Bergraduat
Sarjana Penyelidikan**

- Selesai mengambil kursus/subjek umum universiti dan Kaedah Penyelidikan
- Lulus Pembentangan Proposal Kajian
- Menerbitkan kertas kerja jurnal/prosiding
- Lulus Pemeriksaan Tesis dan Viva
- Selesai menjilid Tesis (40 kredit Jam Pembelajaran Pelajar)
- Mengisi borang permohonan graduan
- Tidak berhutang

**Keperluan Bergraduat
PhD**

- Selesai mengambil kursus/subjek umum universiti dan Kaedah Penyelidikan
- Lulus Pembentangan Proposal Kajian
- Menerbitkan kertas kerja jurnal/prosiding
- Lulus Pemeriksaan Tesis dan Viva
- Selesai menjilid Tesis (90 kredit Jam Pembelajaran Pelajar)
- Mengisi borang permohonan graduan
- Tidak berhutang

1st Assessment/Proposal Presentation for Research Student

PROGRAMME	SEMESTER OF STUDY	
	FULL TIME	PART TIME
MASTERS	2	3
DOCTOR OF PHILOSOPHY	3	5

PEMANTAUAN PENGAJIAN OLEH UA

CONTINUOUS ASSESMENT / FINAL ASSESMENT AND ACADEMIC ACHIEVEMENT FOR RESEARCH

- Continuous Assessment consist of
  - Assessment Level 1
  - Assessment Level 2
  - Research Progress Report for every semester
- Continuous Achievement
  - Satisfactory (MM) – KB
  - Unsatisfactory (TM) – KS
  - Fail (GG) - KG
- Final Evaluation
  - VIVA (Oral Examination) – End of Study Period
- Achievement of Final Evaluation
  - Pass with Correction (minor/major)
  - Fail

Research Student Examination – Viva Voce
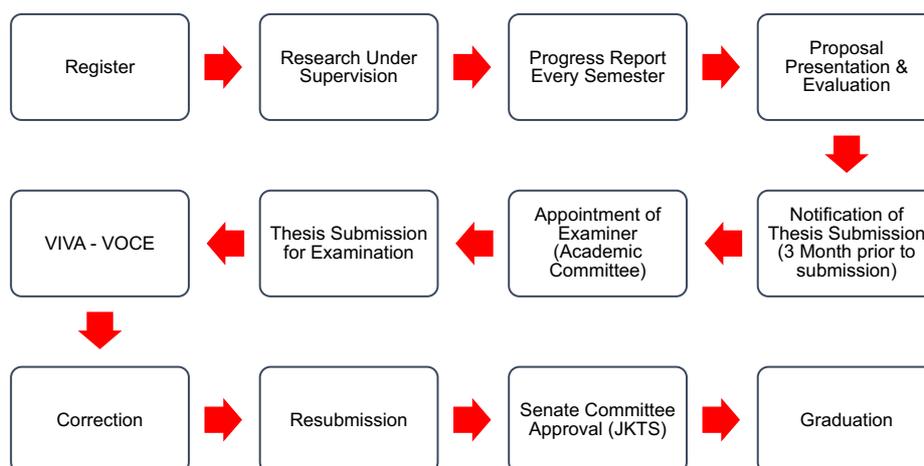
Plagiarism Check Requirement

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UNIVERSITI TEKNOLOGI MALAYSIA
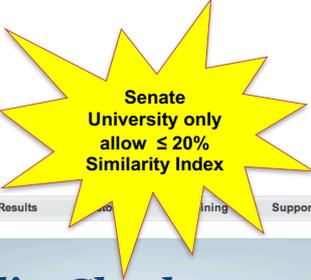
Senate University only allow ≤ 20% Similarity Index
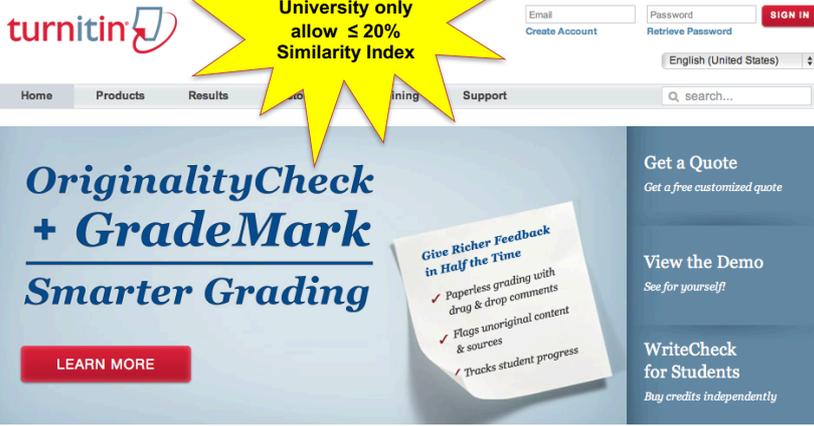
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Thesis (Master/PhD) Submission Requirement for Examination

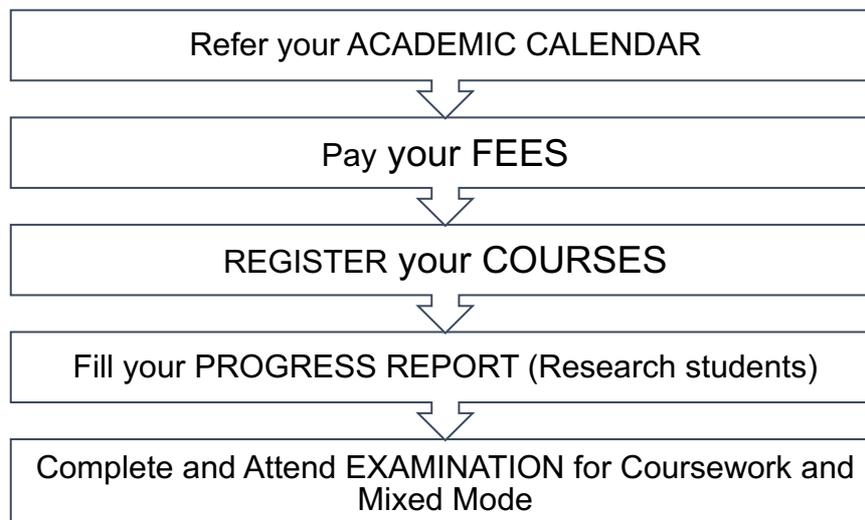|		
Supervisor Approval Thesis is ready to be evaluated	Fulfill the Post Graduate Academic Rules & Regulation	Format of the thesis must follow UA Thesis Manual
Plagiarism check Verification	Publish at least one journal article (Scopus etc.)	Complete all the required forms

Research Student Roles & Responsibilities

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Register Research Courses Every Semester	Make sure that there is no outstanding fee every semester	Submit progress report to supervisor every semester
Schedule a meeting with a Supervisor	Comply all the Post Graduate Rules & Regulation for Graduation	Make a plan for the research progress
Have a professional relationship with Supervisor	Produce Publication	Practice a good research ethics

DON'T FORGET !!!

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UNIVERSITI TEKNOLOGI MALAYSIA

Refer your ACADEMIC CALENDAR

⇩

Pay your FEES

⇩

REGISTER your COURSES

⇩

Fill your PROGRESS REPORT (Research students)

⇩

Complete and Attend EXAMINATION for Coursework and Mixed Mode

PROGRAM SOKONGAN OLEH UA

Cerita 2

- Pelajar Y – seorang wanita dan guru sekolah dan tinggal di Perlis dan belajar di UTM JB. Mempunyai 4 orang anak – anak yang paling kecil 2 tahun

- Mendapat tawaran Cuti Belajar untuk sambung pengajian PhD.

- Tahun 1 pengajian beliau membawa 2 orang anaknya ke Skudai untuk tinggal Bersama beliau dan 2 orang anak lagi Bersama suaminya di Perlis

- Setiap bulan balik ke Perlis naik flight ke Penang

- Mempunyai tahap kerisauan yang amat tinggi takut tak habis pengajian

- Setiap hari jumpa penyelia.

- Baju raya tak sempat beli sepanjang 3 tahun pengajian

- Rumah – di Perlis rumput Panjang tak berpotong

- Tamat pengajian dengan jayanya dalam tempoh 3.5 tahun.

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PGSS Structured Courses

No.	Issues	Terms and Conditions	Remarks
1	Total courses in PGSS Structured Courses	9 courses	All 9 courses function as **support programmes** for the students
2	Number of courses to be registered by students	3 courses per year	2 semesters per year
3	Level of study	Doctoral Degree	The courses will also be offered to **Master Degree By Research** and **Mixed Mode students**
4	Type of study	Full Time	The courses will also be offered to **Part Time** students
5	Compulsory for graduation	Not Compulsory	These courses are not compulsory but are **essential** to support your study
6	Number of Post Graduate Attributes	6 Post Graduate Attributes	All 9 courses comprises of **one or more Post Graduate Attributes**

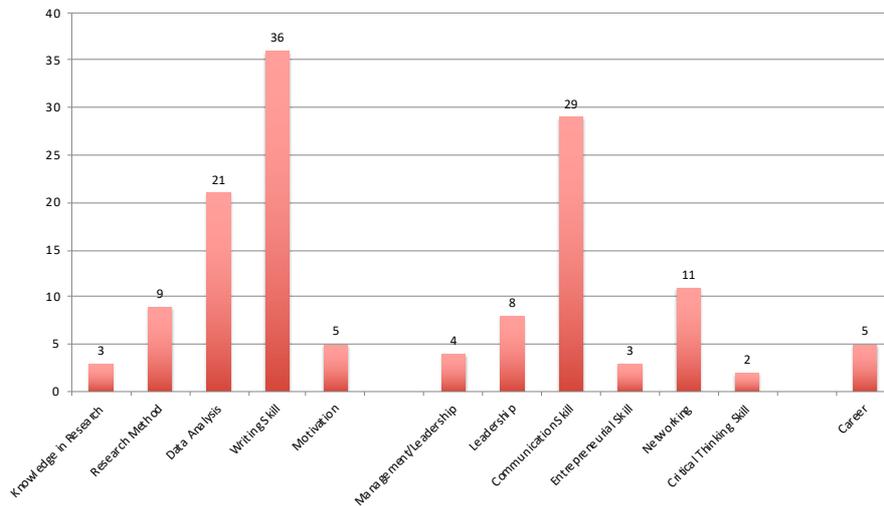## PGSS Structured Courses
Post Graduate Attribute Mapping – Some Examples

Note : PA – Postgraduate Attribute

No. Of Courses	Course Code	PA1 Scholarship of Knowledge	PA2 Communication	PA3 Leadership & Teamwork	PA4 Research Skill	PA5 Life Long Learning	PA6 Ethics & Integrity
1	How to Find Your Research Gap & Good Research Objectives?	√	√		√		
2	Characteristic of a good literature review / Research Methodology	√	√		√		√
3	Strategies of Becoming Productive Writer	√	√	√	√	√	√
4	GOT Motivation Course	√	√			√	√
5	How to survive PhD Proposal?	√	√		√		√
6	How to Publish High Impact Publication	√	√	√	√	√	√
7	Data Analysis Workshop	√	√		√	√	√
8	Overcoming Writing Block		√		√	√	
9	VIVA Defense Preparation	√	√			√	√

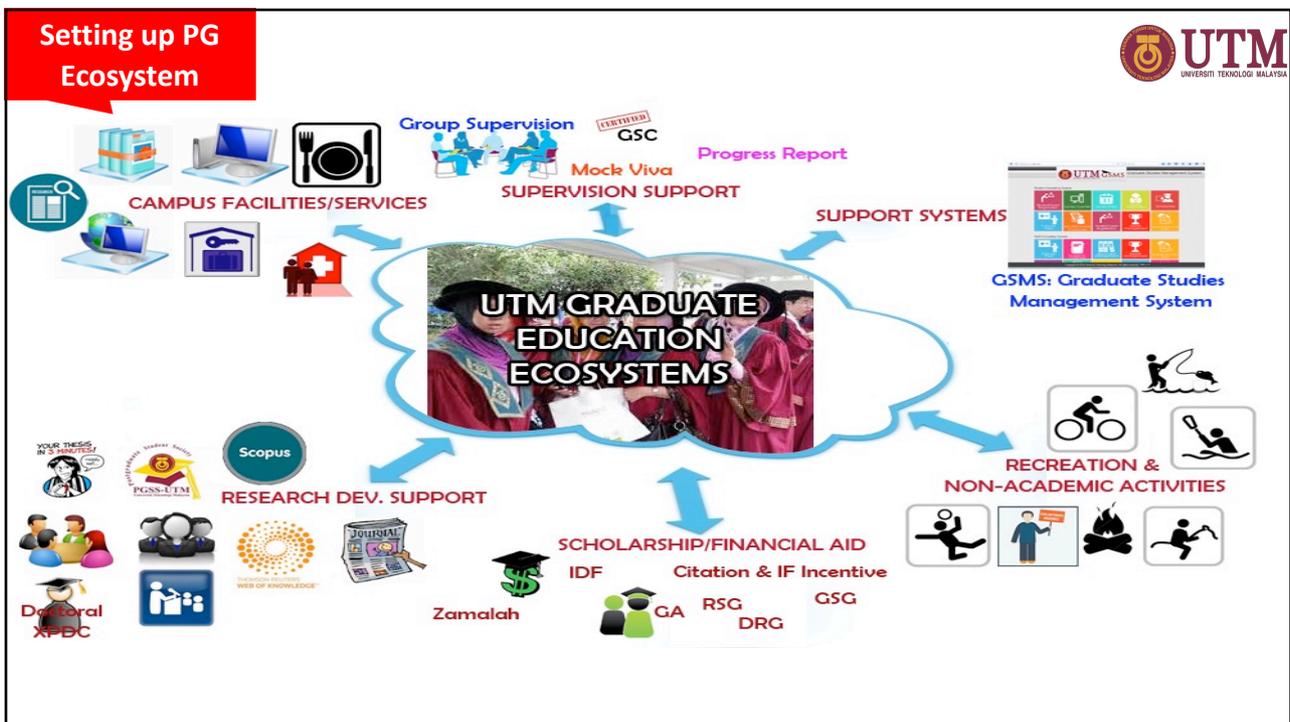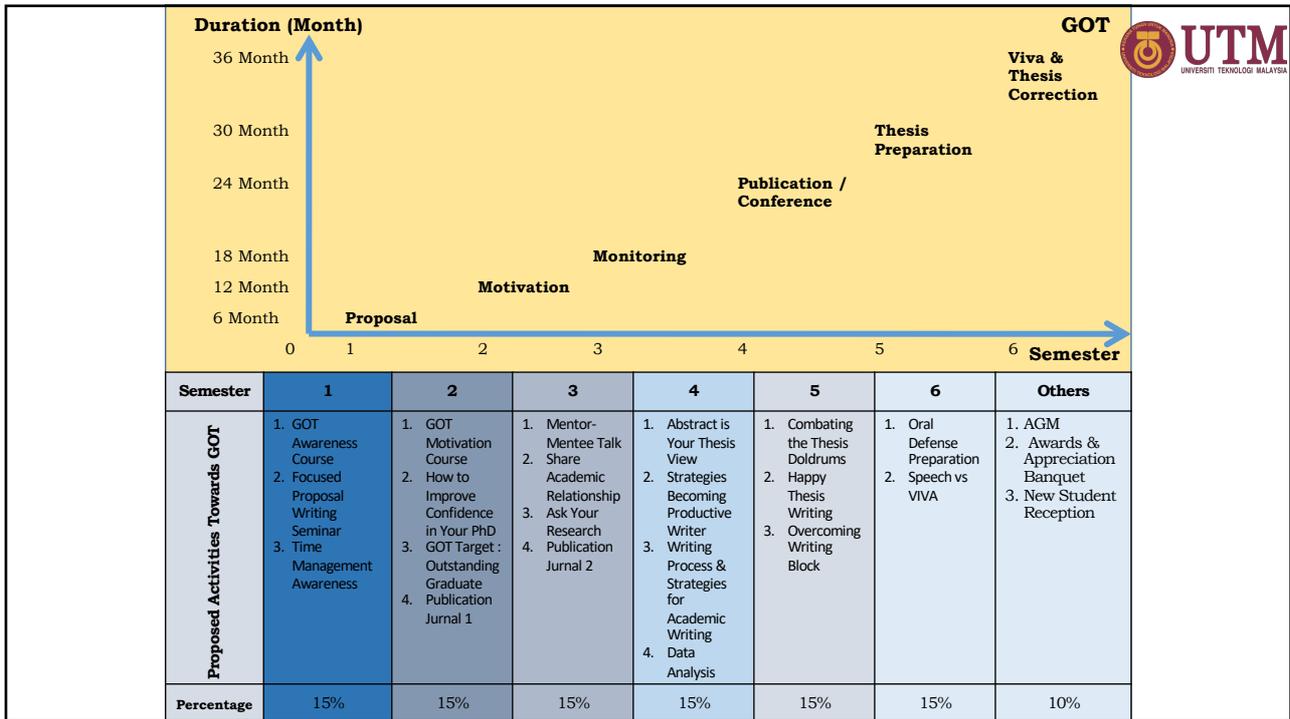**Professional Development Programme for Graduate Students at UTM in 2014 - 136 programmes**

Doctoral Student Motivation

Duration (Month) — **GOT**

A chart with Y-axis "Duration (Month)" marked 6, 12, 18, 24, 30, 36 Month and X-axis "Semester" marked 0 1 2 3 4 5 6, showing the progression:
- Proposal
- Motivation
- Monitoring
- Publication / Conference
- Thesis Preparation
- Viva & Thesis Correction

Semester	1	2	3	4	5	6	Others
Proposed Activities Towards GOT	1. GOT Awareness Course 2. Focused Proposal Writing Seminar 3. Time Management Awareness	1. GOT Motivation Course 2. How to Improve Confidence in Your PhD 3. GOT Target : Outstanding Graduate 4. Publication Jurnal 1	1. Mentor-Mentee Talk 2. Share Academic Relationship 3. Ask Your Research 4. Publication Jurnal 2	1. Abstract is Your Thesis View 2. Strategies Becoming Productive Writer 3. Writing Process & Strategies for Academic Writing 4. Data Analysis	1. Combating the Thesis Doldrums 2. Happy Thesis Writing 3. Overcoming Writing Block	1. Oral Defense Preparation 2. Speech vs VIVA	1. AGM 2. Awards & Appreciation Banquet 3. New Student Reception
Percentage	15%	15%	15%	15%	15%	15%	10%

Setting up PG Ecosystem

UTM GRADUATE EDUCATION ECOSYSTEMS

- CAMPUS FACILITIES/SERVICES
- SUPERVISION SUPPORT — Group Supervision, GSC, Mock Viva, Progress Report
- SUPPORT SYSTEMS — GSMS: Graduate Studies Management System
- RECREATION & NON-ACADEMIC ACTIVITIES
- SCHOLARSHIP/FINANCIAL AID — IDF, Zamalah, GA, RSG, DRG, Citation & IF Incentive, GSG
- RESEARCH DEV. SUPPORT — Scopus, PGSS-UTM, Doctoral XPDC

CAMPUS FACILITIES & SERVICES
- **Library** (Sultanah Zanariah / Raja Zarith Sofiah)
- **Mosque**
- Residential **Colleges**
- **Research** Centre & Institutes
- **Computer** Lab
- Research Workstation
- Internet / **WIFI**
- **Café**
- Health & **Medica**l Centre

RESEARCH DEVELOPMENT SUPPORT
- Research Group/COE/Research Alliance
- Postgraduate Student Societies:
    - Nine Structured Support Program
        - How to Find your research Gap & Good Research objective?
        - Characteristic of a good literature review / R Methodology
        - Strategies Becoming Productive Writer
        - GOT Motivation Course
        - How to survive PhD Proposal?
        - How to Publish High Impact Publication
        - Data Analysis Workshop
        - Overcoming Writing Block
        - VIVA Defense Preparation
- Online Resources – SCOPUS, WOS other databases
- Journals for Publication
- Conferences for Publication
- Colloquium and Open Viva Sharing Sessions
- 3 Minute Thesis Competition
- Doctoral XPDC

SUPERVISION SUPPORT
- **Certified & Experience Supervisor**
- **Progress** Report
- Annual **Meeting**
- Proposal **Defense**
- **Mock-up** Presentation

ECO-SYSTEM
PHD STUDENTS

Counseling

RECREATION & NON-ACADEMIC ACTIVITIES
- **Stadium, Kayaking,** Horse **Equine** Centre
- Volleyball/**Soccer,** Swimming **Pool**
- Recreational **Area** (Lake, Garden, Bicycle Track, Jogging Track)
- Club & Societies Activities
- Social Community Services
- Student Mobility/Global Outreach

SUPPORT SYSTEMS
- System **Application SPS**
- Graduate Studies **Management System** (GSMS)
- **Student Record** & Subject Registration
- Academic **Information Management** System (Postgraduate)
- **UTM** Library
- Financial **System** (UTMFin)
- **e-Learning**
- UTM **Institutional** Repository
- Publisher **UTM Press**

SCHOLARSHIP & FINANCIAL AID
- Graduate **Assistantships (GA)**
- **UTM** Zamalah PHD, **Ainuddin Wahid Scholarship**
- **UTM-PALESTINE** Scholarship
- International Doctoral **Fellowship (IDF)**
- Industrial **PhD, Doctoral** Research Grant
- Citation and Impact Factor **Publication Incentive**
- Graduate **Supervision Grant**
- **Research Student Grant**

UTM — UNIVERSITI TEKNOLOGI MALAYSIA / SPS SCHOOL OF GRADUATE STUDIES

PR Progress Report **RM** Research Methodology **N.H.T** Notis hantar Thesis Graduate
CR Course Registration **US** University Subject **PD** Proposal Defence **G.O.T** Graduate on Time

Year 1 Sem1 Sem2 Sem3 Sem4 Year 3 Sem5 Sem6 Sem7 Sem8 Year 4

ACCEPTED REPEAT N.H.T G.O.T N.H.T N.H.T Finally Finish my Study!

Program Registration
CR RM US
Acid → Connected to system
Facilities → Workspace (G07, G08, P23, Cog)
Scholarship

Duration of Study - MINIMUM Duration of Study - MAXIMUM

POSTGRADUATE RESEARCH JOURNEY

Convert Master - PhD!

Duration of Study - MINIMUM Duration of Study - MAXIMUM

Year 1 Sem1 Sem2 Sem3 Sem4 Year 2 Year 3 Sem5 Sem6 Year 4 Sem7 Sem8 Year 5 Sem9 Sem10 Sem11 Year 6 Sem12 Year 7 Sem13 Sem14 Sem15 Year 8 Sem16

PGSC CR RM PR CR G.O.T CR MM TM CR KG CR CR N.H.T CR
ACCEPTED REPEAT PD N.H.T Finally Finish my Study!

Publications
√ Systematic Review Paper

Publications
√ Conceptual Paper/Conference

Program Registration
CR US
Acid → Connected to system
Facilities → Workspace (G07, G08, P23, Cog)
Scholarship

Research
√ Thesis submission; Filling of IP or copyright

Research
√ Data Collection/Experiment
Publications
√ Research notes/ Mini Project

Research
√ Data Analysis and Conclusion
Publications
√ Full Length Paper

PR Progress Report **RM** Research Methodology **N.H.T** Notis hantar Thesis Graduate **TM** Unsatisfactory **KG** Fail
CR Course Registration **US** University Subject **PD** Proposal Defence **G.O.T** Graduate on Time **MM** Satisfactory

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UTM - PhD's Completion Time

25-35%
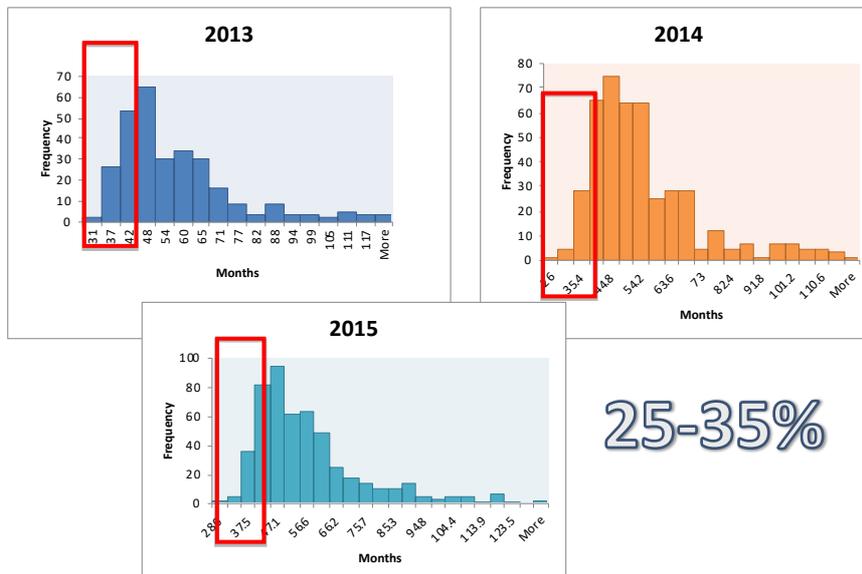
Acknowledgement

- Prof Dr. Rose Alinda Alias (TNCAA UTM)
- Prof. Dr. Naomie Salim (FC, UTM)
- PM Dr. Aminah Md. Yusof (Deputy Dean (Program Development & Customer Relations), SPS UTM)

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p-zaida@utm.my

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