

Further Study: Preparation and Challenges

Siri Wacana ilmu ICT 3/2017



Ahmad Riza'ain bin Yusof
Computer Security Research Group,
Universiti Putra Malaysia, UPM Serdang.

Content

- Definition
- Importance
- Preparation
 - Finance/Physical/Mentality/fail meja
- HLP
 - Proposal/Interview/Kursus Analisis Kuantitatif (QA)
- Agreement
 - KPT/UTM
- Student Life
 - Defend Proposal/Writing/Experiment/Conference/Thesis/Progress Report
 - Time management – study/family/sport/social
- Colour of life
- Q & A

Further Study : Definition & Importance



- Apa yg membuat saya/kamu mahu sambung belajar?
- Apakah ada lagi peluang saya/anak saya untuk belajar?

Further Study : Definition & Importance

رواه ابن عبد البر)) طَلَبَ الْعِلْمَ قَرِيضَةً عَلَى كُلِّ مُسْلِمٍ وَ مُسْلِمَةٍ

Artinya :

Mencari ilmu itu hukumnya wajib bagi muslimin dan muslimat”(HR. Ibnu Abdil Bari)

يَرْفَعُ اللَّهُ الَّذِينَ ءَامَنُوا مِنْكُمْ وَالَّذِينَ أُوتُوا الْعِلْمَ دَرَجَاتٍ وَاللَّهُ بِمَا تَعْمَلُونَ خَبِيرٌ

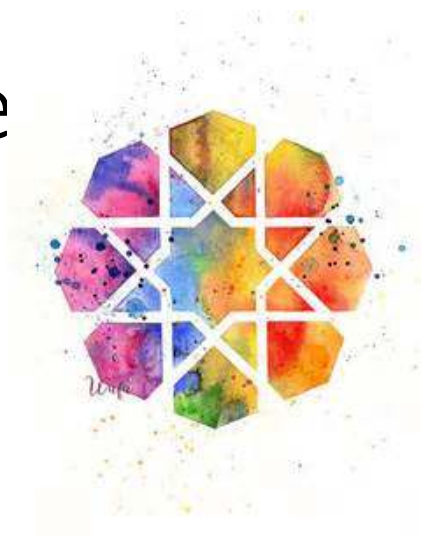
Artinya :

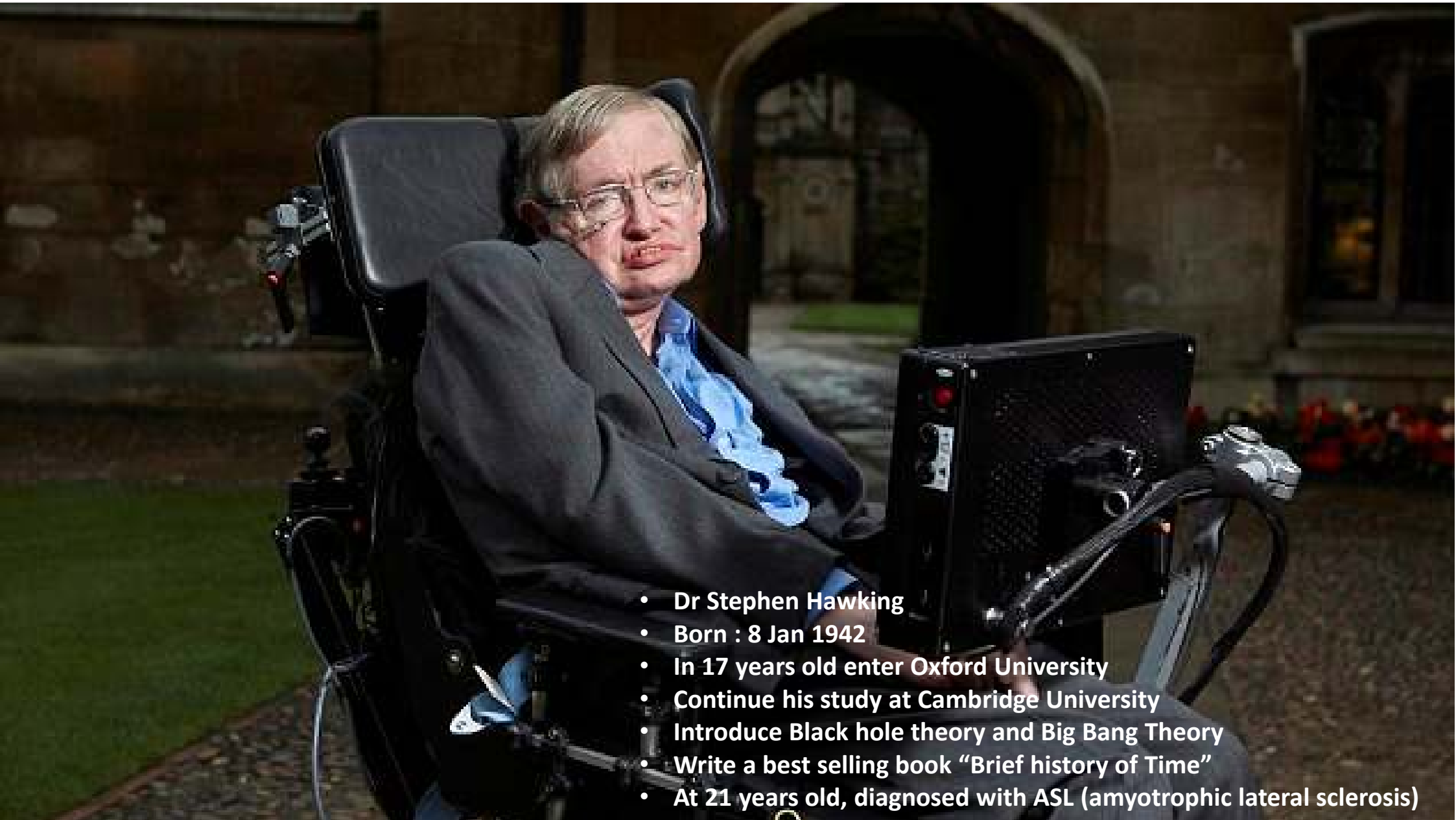
Allah akan meninggikan orang-orang yang beriman di antaramu dan orang-orang yang diberi ilmu pengetahuan beberapa derajat (Q.s. al-Mujadalah : 11)

(مَنْ أَرَادَ الدُّنْيَا فَعَلَيْهِ بِالْعِلْمِ وَ مَنْ أَرَادَ الْآخِرَةَ فَعَلَيْهِ بِالْعِلْمِ وَ مَنْ أَرَادَ هُمَا فَعَلَيْهِ بِالْعِلْمِ (رواه الطبراني

Artinya

Barangsiapa yang menginginkan kehidupan dunia, mak ia harus memiliki ilmu, dan barang siapa yang menginginkan kehidupan akhirat maka itupun harus dengan ilmu, dan barang siapa yang menginginkan keduanya maka itupun harus dengan ilmu (HR. Thabrani)





- **Dr Stephen Hawking**
- **Born : 8 Jan 1942**
- **In 17 years old enter Oxford University**
- **Continue his study at Cambridge University**
- **Introduce Black hole theory and Big Bang Theory**
- **Write a best selling book “Brief history of Time”**
- **At 21 years old, diagnosed with ALS (amyotrophic lateral sclerosis)**

Preparation

- Finance
 - Self-finance
 - Scholarship – MyPhD, MyMaster, MyBrain15, HLP, SLAB/SLAI
 - Sponsorship
- Physical – fit
- Mentality – ready
- List Duty and responsibilities (Fail Meja + manual prosedur kerja)



Hadiah Latihan Persekutuan

- Permohonan Online – 2017(1hb – 31hb Mac 2017)

*[link](#)

- Proposal
 - Set of proposal – pilih bidang – cth [proposal](#)
 - IELTS(6.5)/TOFEL(600)/GRE
- Interview – Zon Utara/Zon Selatan/ Zon Timur
- Kursus Analisis Kuantitatif (QA) siri 3
 - 20 Okt – 15 November 2013 (Hotel EDC-UUM, Sintok Kedah)
 - 1 Bulan

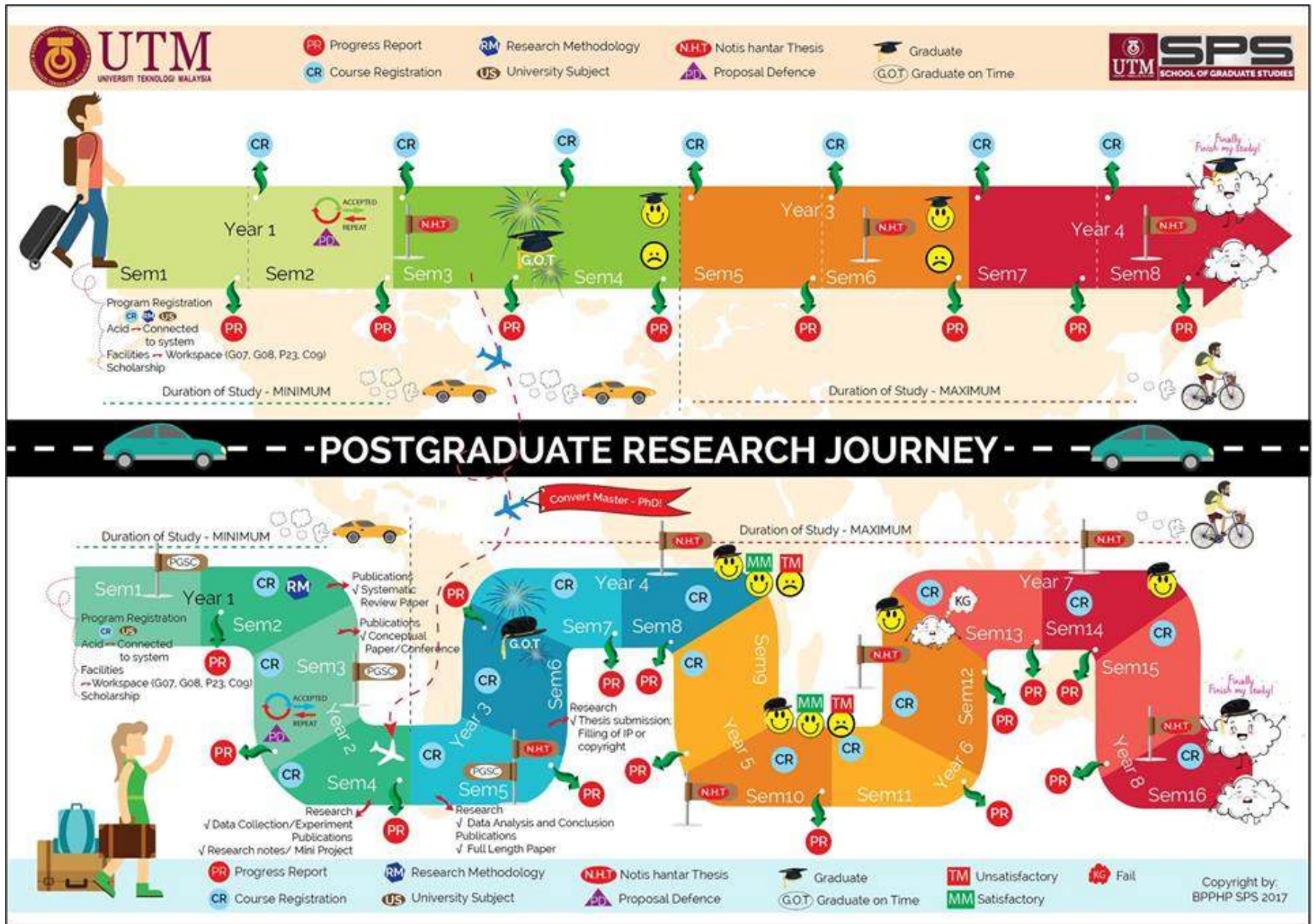
Agreement

- Kementerian Pengajian Tinggi (KPT)
 - Biasiswa + elaun = 36 bulan (6 semester)



- Universiti Teknologi Malaysia (UTM)
 - Cuti bergaji penuh selama 36 bulan.
 - Ikatan kerja 5 tahun di UTM selepas tamat pengajian
 - 2 tahun selepas tamat pengajian di kerja hakiki

Student Life : Journey





Student Life : Challenges

- Self-discipline, self-esteem, intrinsic motivation, spiritual input must be in place
- Conflicting roles: student, parents, siblings, community members, spouse
- Health : good diet, sport, rest.
- Unexpected conflicts, marriage, family, children, financial problem
- Yo-yo feeling: happy, enjoyable, adventurous, pride, loneliness, frustration, depression, helpless, hopeless, uncertain, fear and etc.

Student Life : My Challenges, My Ways

- Supervisory
- Peer/family support
- Time management skill
- Motivation and Focus
- Solat and Doa



Supervisory



Peer/family support



Family



Peers

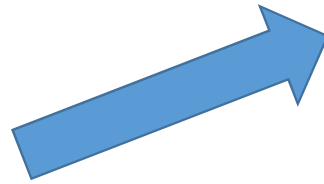
Smart time management



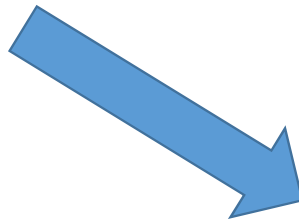
Motivation



Stress



Focus



Motivated

Solat and Doa



Conference



Persidangan Pembangunan Pelajar Peringkat Kebangsaan
18 – 20 November 2013 Di KSL Hotel Johor Bahru



International Conference on Industrial, Engineering & Other
Application of Applied Intelligent System, 2-4 August 2016,
Morioka, Japan.

Training and Workshop



How to Publish in High Impact Journals, Faculty of Computing, July 2017, By Associates Professor Dr Azlan Mohd Zain



Characteristics of a Good Literature/ Research Methodology, Faculty of Computing, August 2017 By Associates Professor Dr Shahida Sulaiman

List of Publications



- A. R. Yusof, N. I. Udzir, and A. Selamat, “An evaluation on KNN-SVM algorithm for detection and prediction of DDoS attack,” in Trends in Applied Knowledge-Based Systems and Data Science. Springer Nature, 2016, pp. 95–102.
- A. R. Yusof, N. I. Udzir, and A. Selamat, “Taxonomy and Detection of Distributed Denial of Service Attack”- submitted to **International Journal Digital Enterprise Technologies (IJDET)** on July 2017
- A. R. Yusof, N. I. Udzir, and A. Selamat, “Adaptive Features selection for Denial of Services (DoS) attack”- submitted to **IEEE Conference on Applications, Information and Network Security (AINS)**, November 13-14, 2017 in Miri, Sarawak, Malaysia on 31 August 2017

Preference

- Guide on PhD <http://Supyanhussin.files.wordpress.com/2016/11/got-mmu-20162.pdf>
- https://biasiswa.mohe.gov.my/hlp/index_syarat.php
- A PhD Student' Race Against Time – How to Win/Graduate Faster.
<http://thegradstudentway.com/blog/?p=1573>



Sekian, terima kasih.



Never give up on a dream because of the time it will take to accomplish it. Time will pass anyway.. – Earl Nightingale