



**SOARING  
UPWARDS**  
MALAYSIAN HIGHER EDUCATION



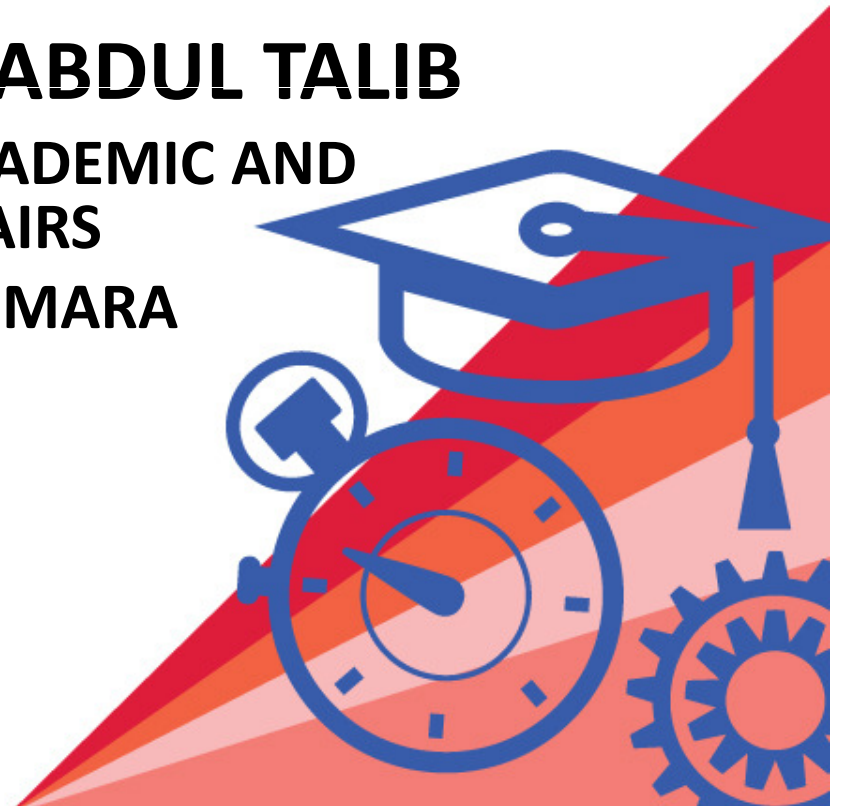
# What It Takes to GOT

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**DEPUTY VICE CHANCELLOR ACADEMIC AND  
INTERNATIONAL AFFAIRS**

**UNIVERSITI TEKNOLOGI MARA**

**PROGRAM  
GOT & U**



**TIMES HIGHER EDUCATION, 2014**

.....MALAYSIAN GOVT  
CHANGED ITS TARGET FROM  
100,000 TO 60,000 PhD IN  
2023.

..... MyBRAIN 15  
(LAUNCHED IN 2008) AIMS  
AT CREATING 60,000 PhDs  
THROUGH SCHOLARSHIPS  
FOR MASTERS AND  
DOCTORAL LEVEL

THE FINANCIAL ASSISTANCE  
IS TO INCREASE THE  
ENROLLMENT OF  
POSTGRADUATE STUDENT

(ELSE, H. (2014) MALAYSIA CHANGES  
TARGETS FOR POSTGRADUATES)

**CUTHBERT AND MOLLAR IN  
NEWBAUER AND GHAZALI (2015)**

KEY DRIVER TO  
POLITICALLY DRIVE PhD  
IS THE KNOWLEDGE  
ECONOMY (AMONG  
OTHER FACTORS)

THIS INCLUDES EUROPE,  
UK, AFRIKA, LATIN  
AMERICA ,AUSTRALIA,  
ASIA AND ASIA-PACIFIC  
REGION (KOREA,  
MALAYSIA,VIETNAM,  
INDONESIA AND  
PHILIPPINES)



# 11th MALAYSIA PLAN (2016-2020)

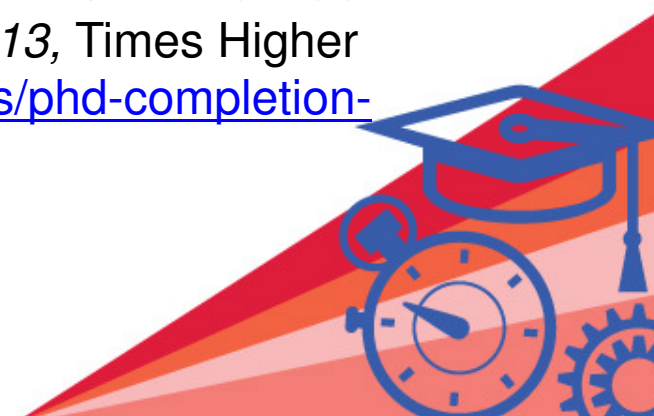
- TO PRODUCE TALENT THAT IS EQUIPPED WITH RELEVANT SKILLS INCLUDING SOFT SKILLS
- THE COUNTRY IS MOVING FROM LABOUR-INTENSIVE TO INNOVATION-BASED ECONOMY
- THIS IS SUPPORTED BY MyBRAIN 15 FOR POSTGRADUATE STUDENTS TO ACHIEVE THE 60,000 PhD TARGET



# IN ENGLAND, THE PREDICTED PERCENTAGE OF FULL-TIME DOCTORATES THAT WILL OBTAIN A DEGREE WITHIN SEVEN YEARS



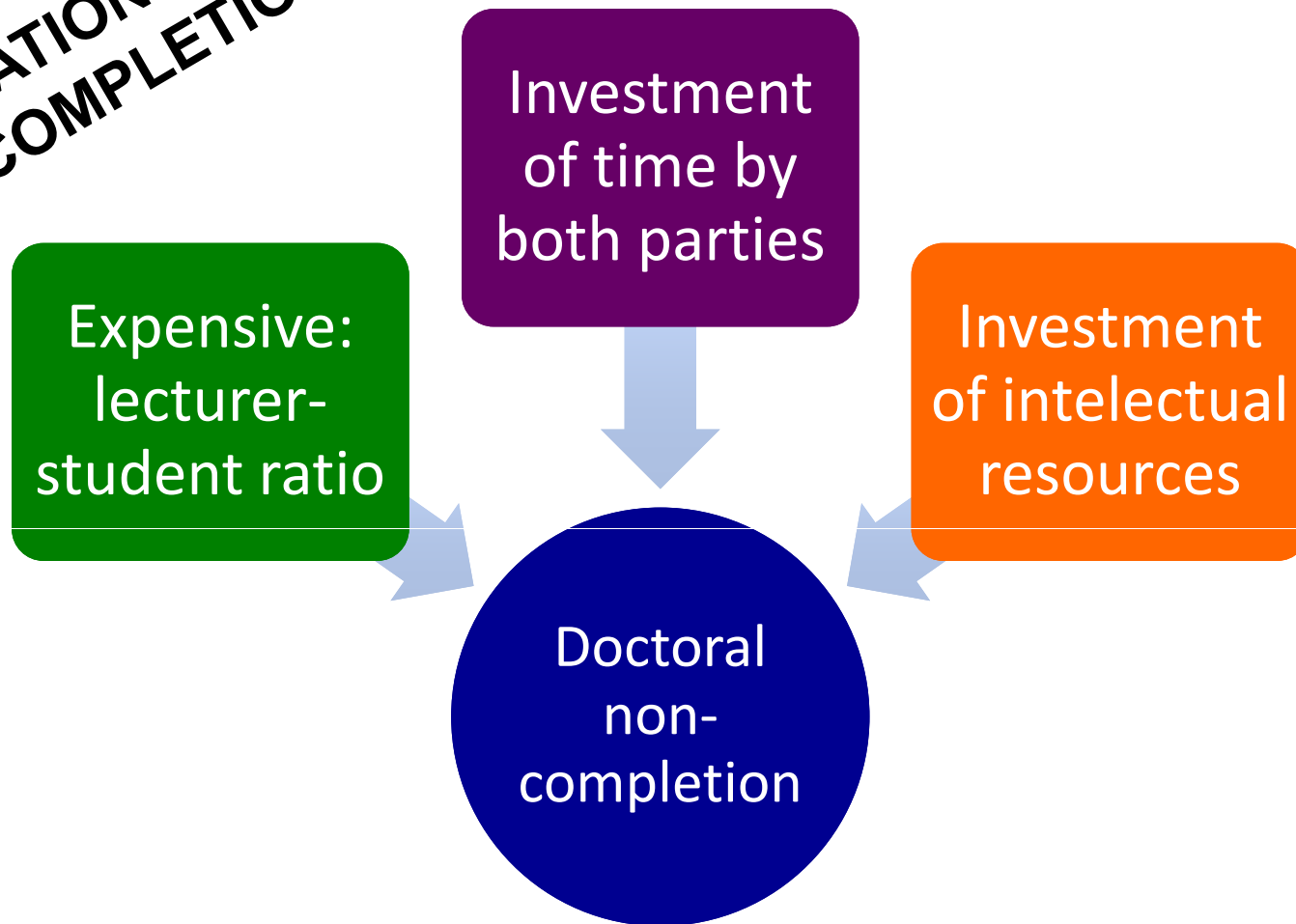
( A REPORT BY ENGLAND'S FUNDING COUNCIL PUBLISHED ON JULY 26 in JUMP,P.(July 26, 2013). *PhD completion rates,2013*, Times Higher Education, <https://www.timeshighereducation.com/news/phd-completion-rates-2013/2006040.article>



- IT FURTHER PREDICTED THAT 80.5 PER CENT WILL COMPLETE THEIR PhD WITHIN 25 YEARS (INTAKE 2010-2011)
- SOME UNIVERSITIES MAY EXCEED THE PREDICTION BUT OTHERS MAY FALL SHORT OF THE PREDICTION



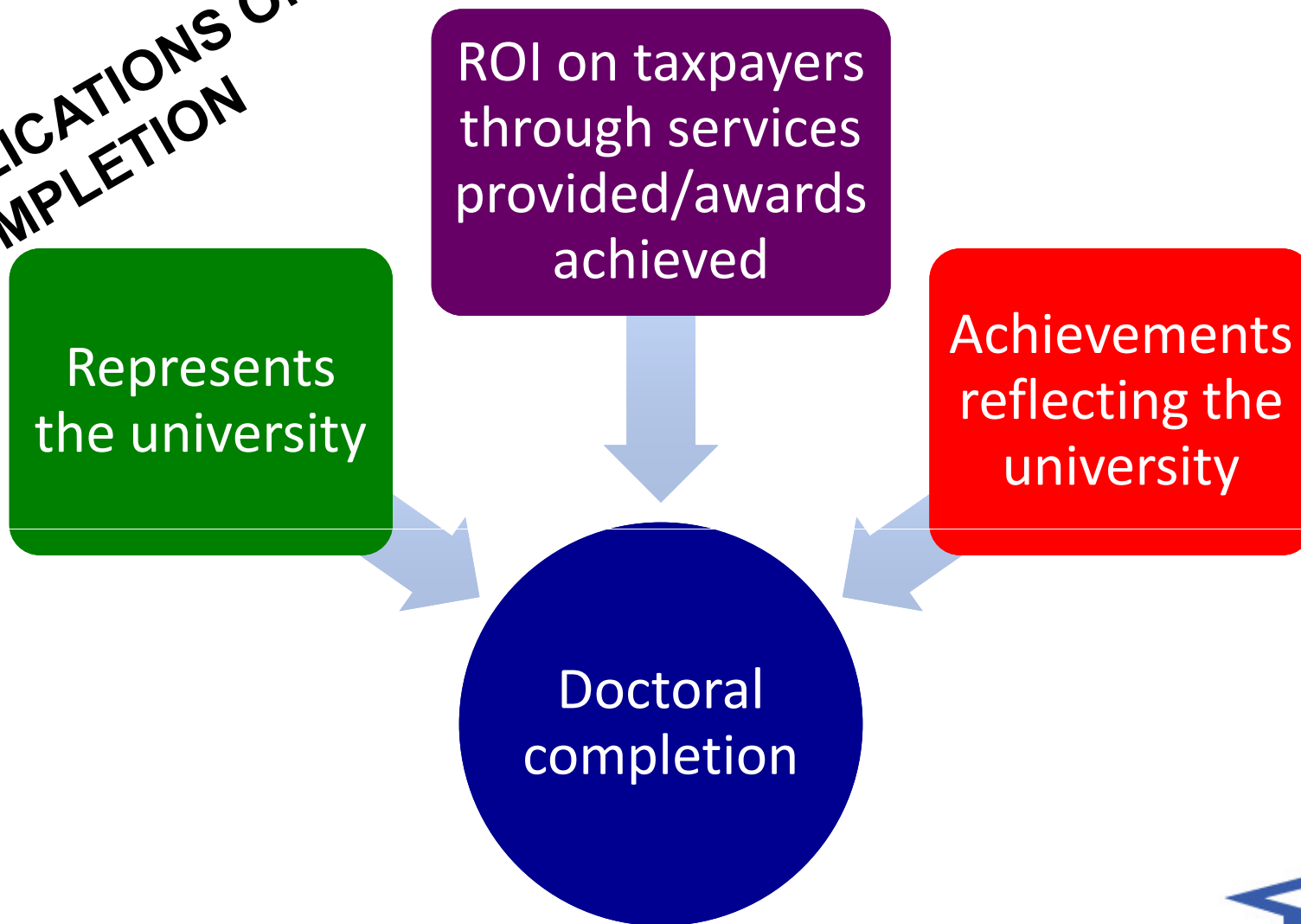
# IMPLICATIONS ON NON-COMPLETION



<http://cgsnet.org/cgs-occasional-paper-series/university-georgia/chapter-1>



**IMPLICATIONS ON  
COMPLETION**



Adapted from: <http://cgsnet.org/cgs-occasional-paper-series/university-georgia/chapter-1>




SO...

# WHAT DOES IT TAKE TO DRIVE STUDENTS TO GRADUATE ON TIME?

ie: 3 years according to sponsors, 42 months (MyRA) and 48 months (*Critical Agenda Project* (CAP)KPT)



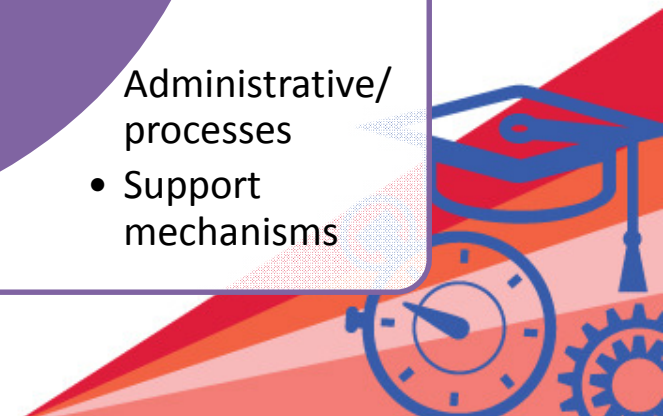
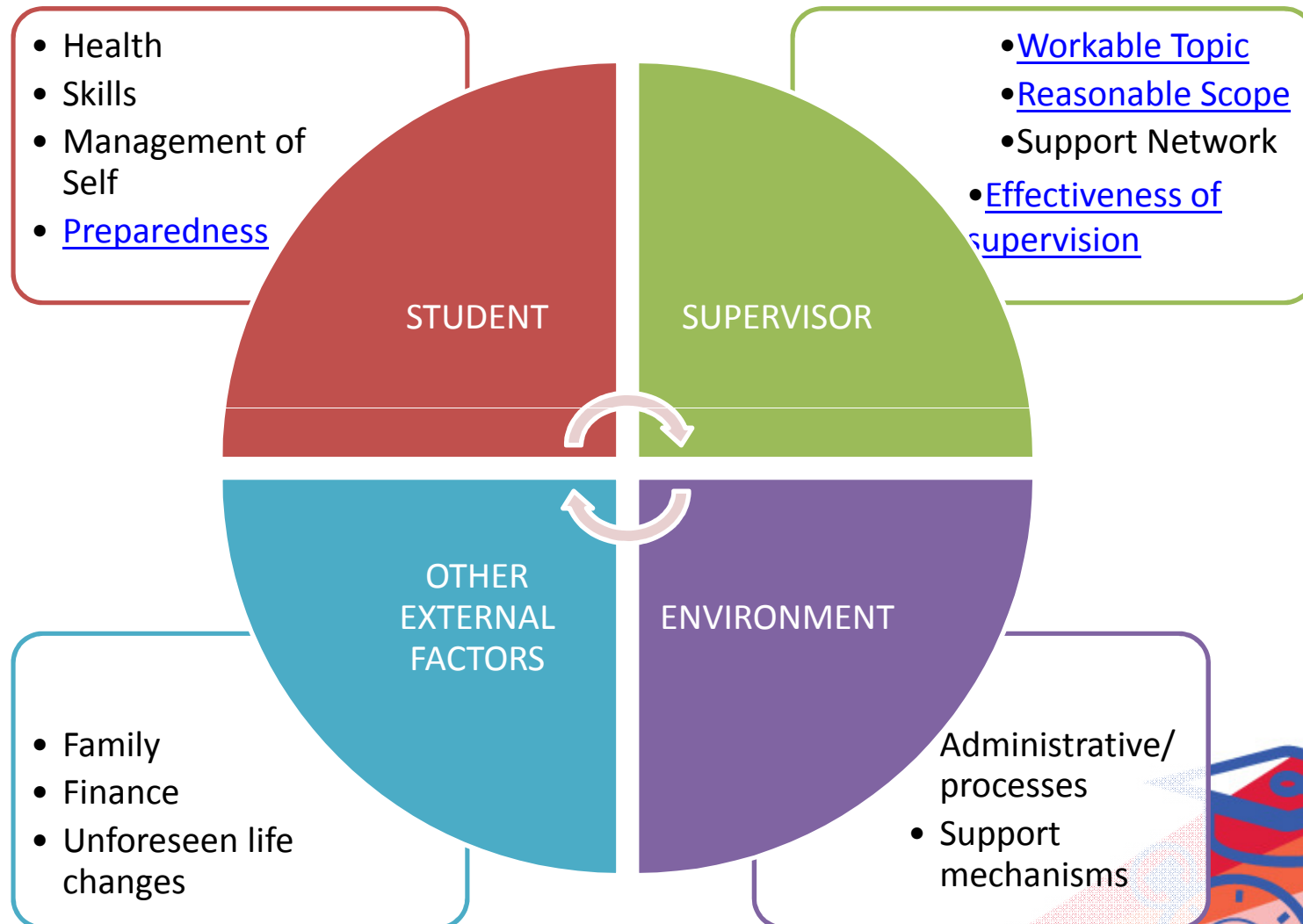




*“Too often we are preoccupied  
with the destination, that we  
forget the journey”*

*But then again, we must plan to reach .....*

# Factors affecting GOT



# Factors Affecting GOT

## Self

- The intention (niat)
- Lack sustenance of motivation
- Wavered interest
- Distractions
- Lack diligence
- Rigour & Vigour

## Skills

- Management of time and resources
- Ability to write scholarly
- Ability to synthesize
- Initial planning

## Supervision



"I'm coordinating five different R&D projects, but SURE, I can spare a minute."

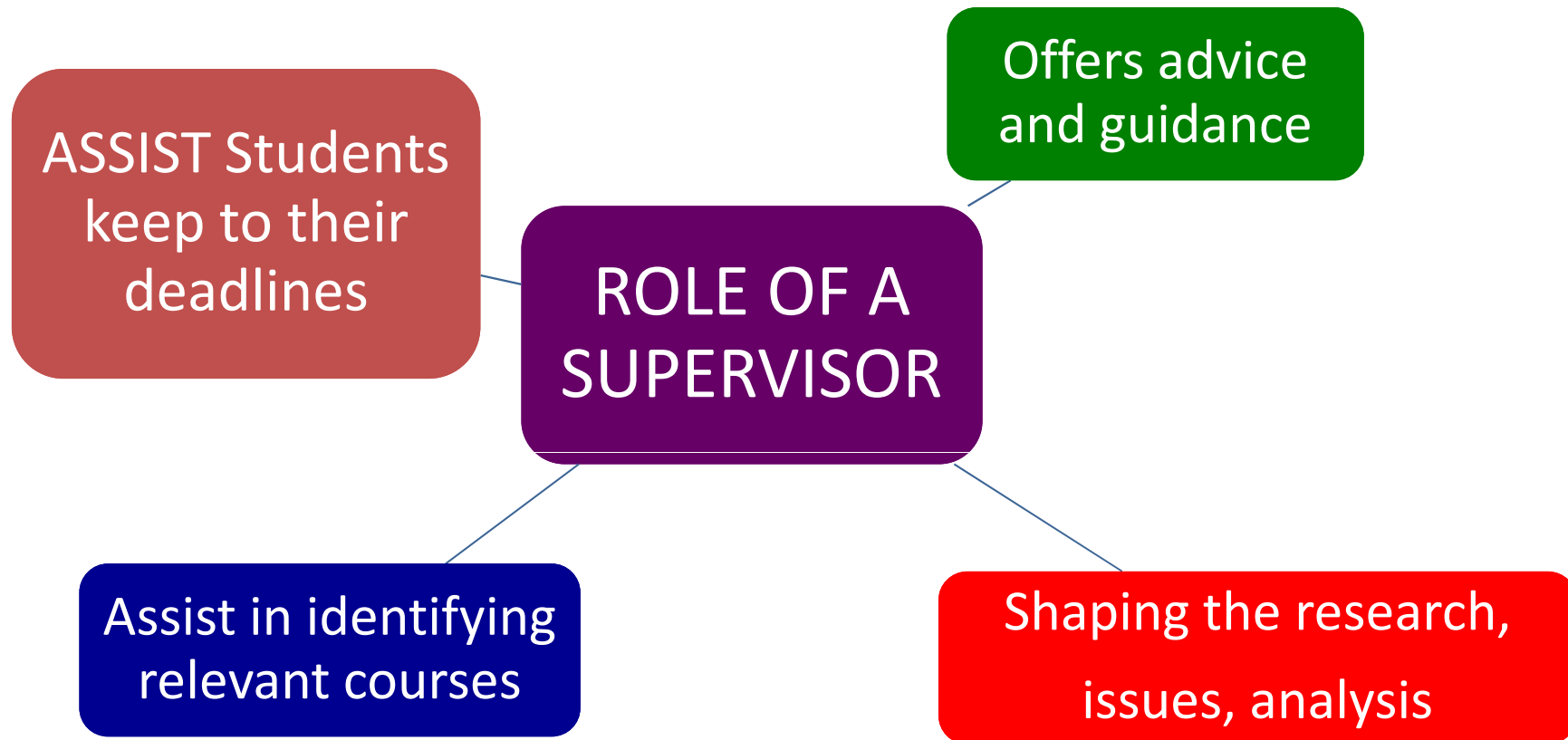
<https://anniebruton.files.wordpress.com/2013/09/supervisor.jpg>



# Personal Vigour

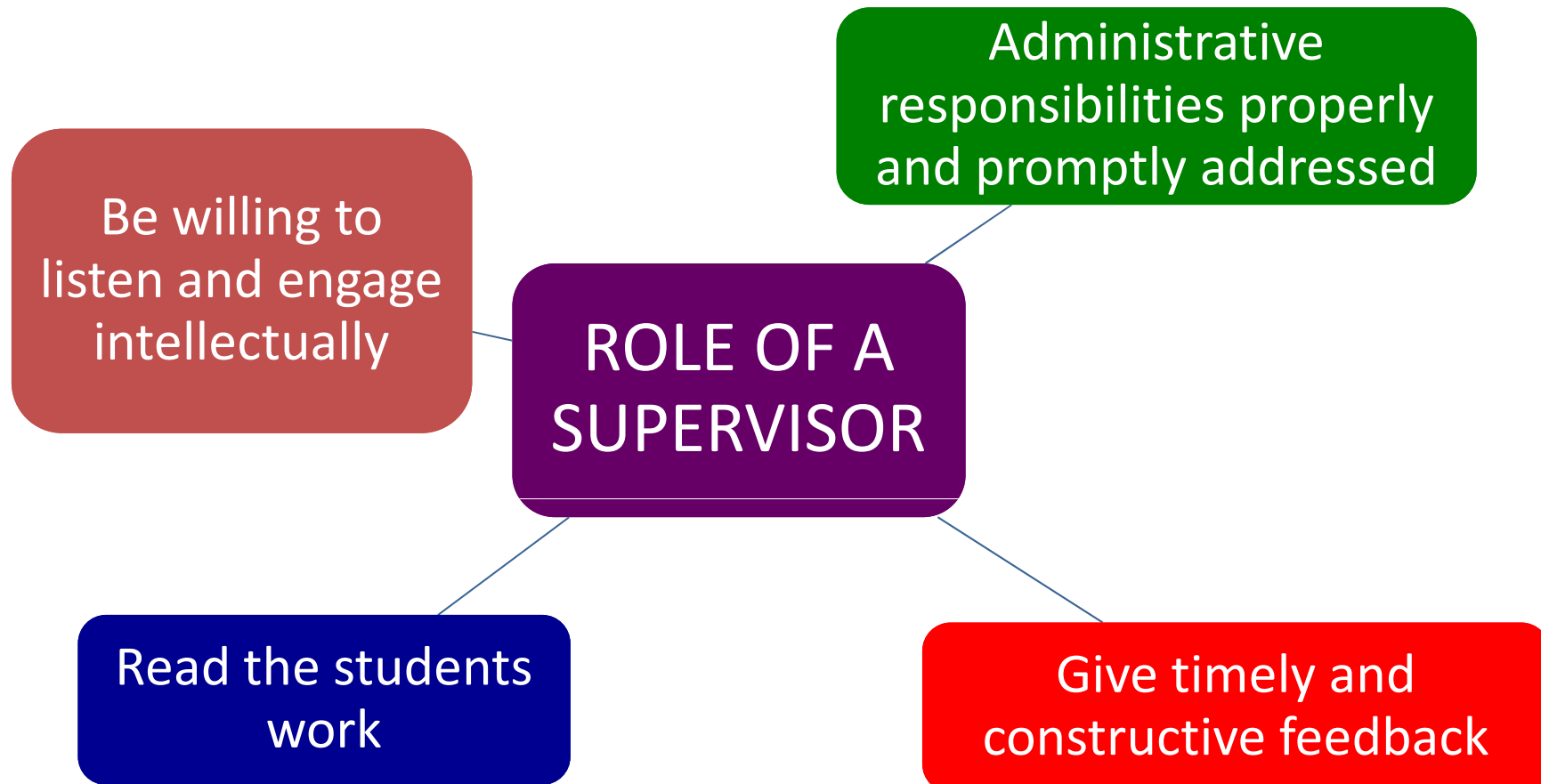
- Graduating on Time shows that the learner is structured, focused, and has the ability to self regulate ; also to regulate his or her motivation
  - Self consequating
  - Interest enhancement
  - Mastery self talk
  - Performance self talk
  - Environmental control – environmental restructuring when necessary





<https://www.kcl.ac.uk/artshums/depts/cmci/study/handbook/programmes/pgr/supervision.aspx>





<https://www.findaphd.com/advice/doing/you-and-your-phd-supervisor.aspx>



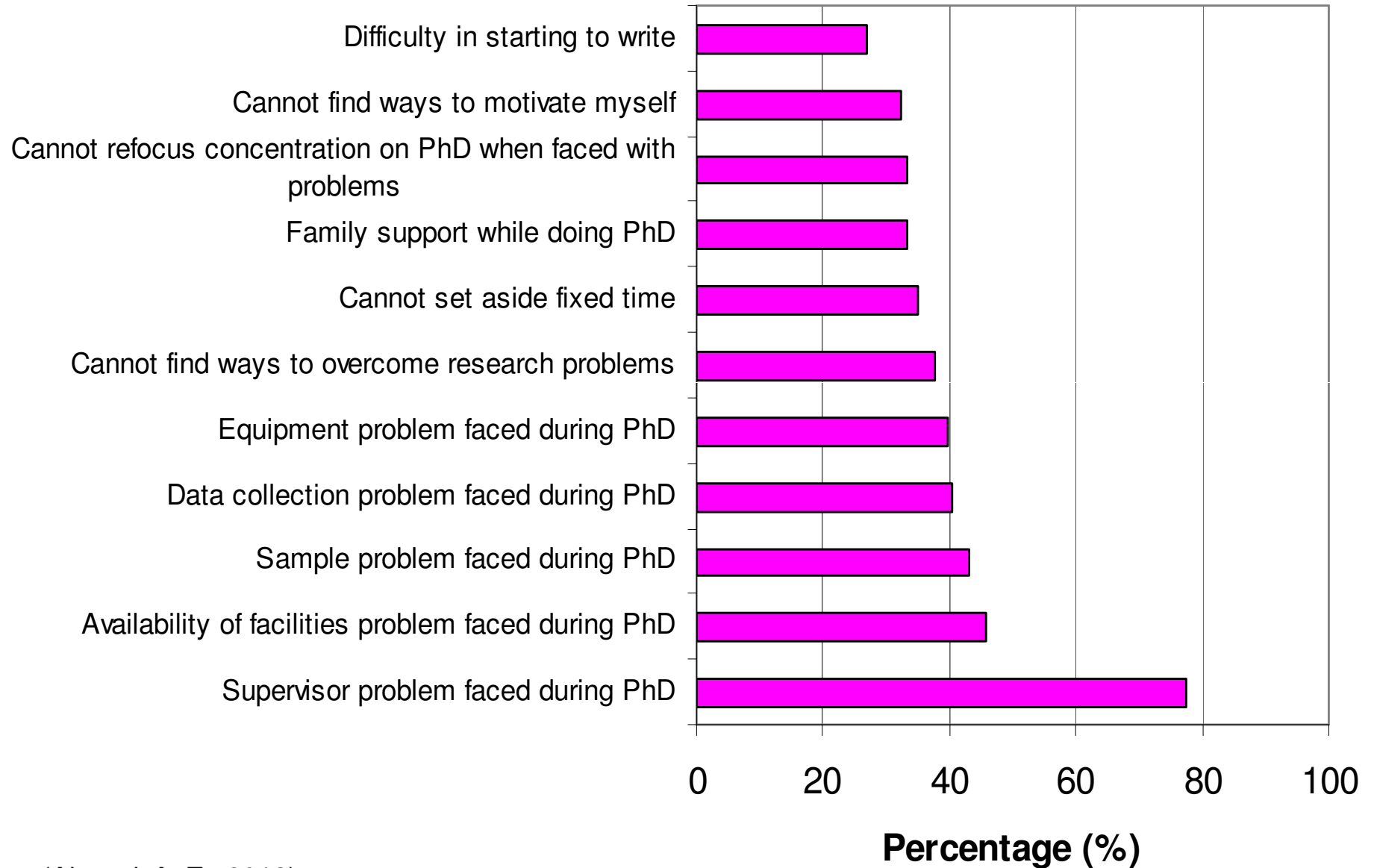
# GoT : Issues and Challenges



Many are undocumented and the pile is increasing...



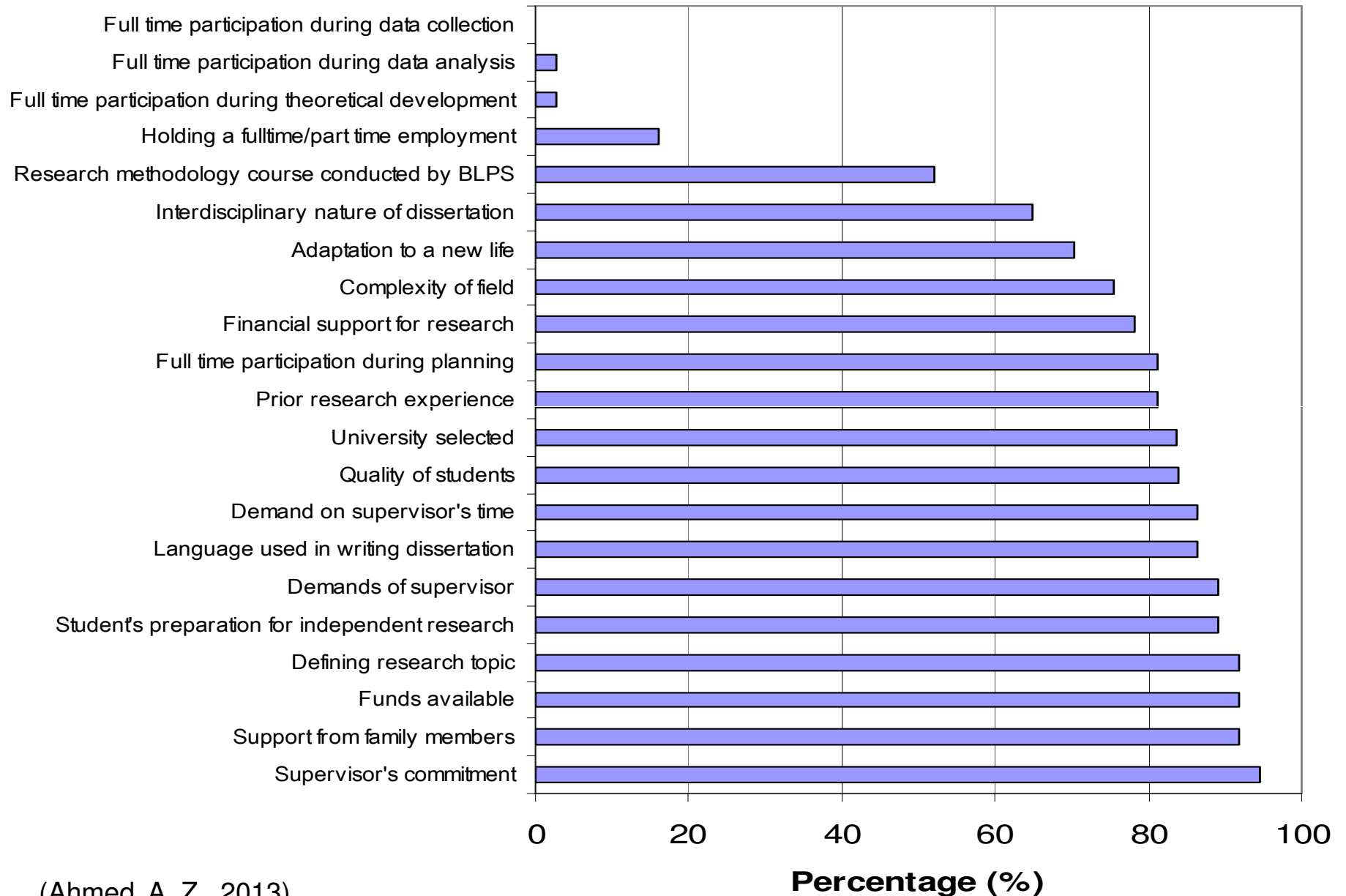
## Problems Faced by PhD Candidate



(Ahmed, A. Z., 2013)

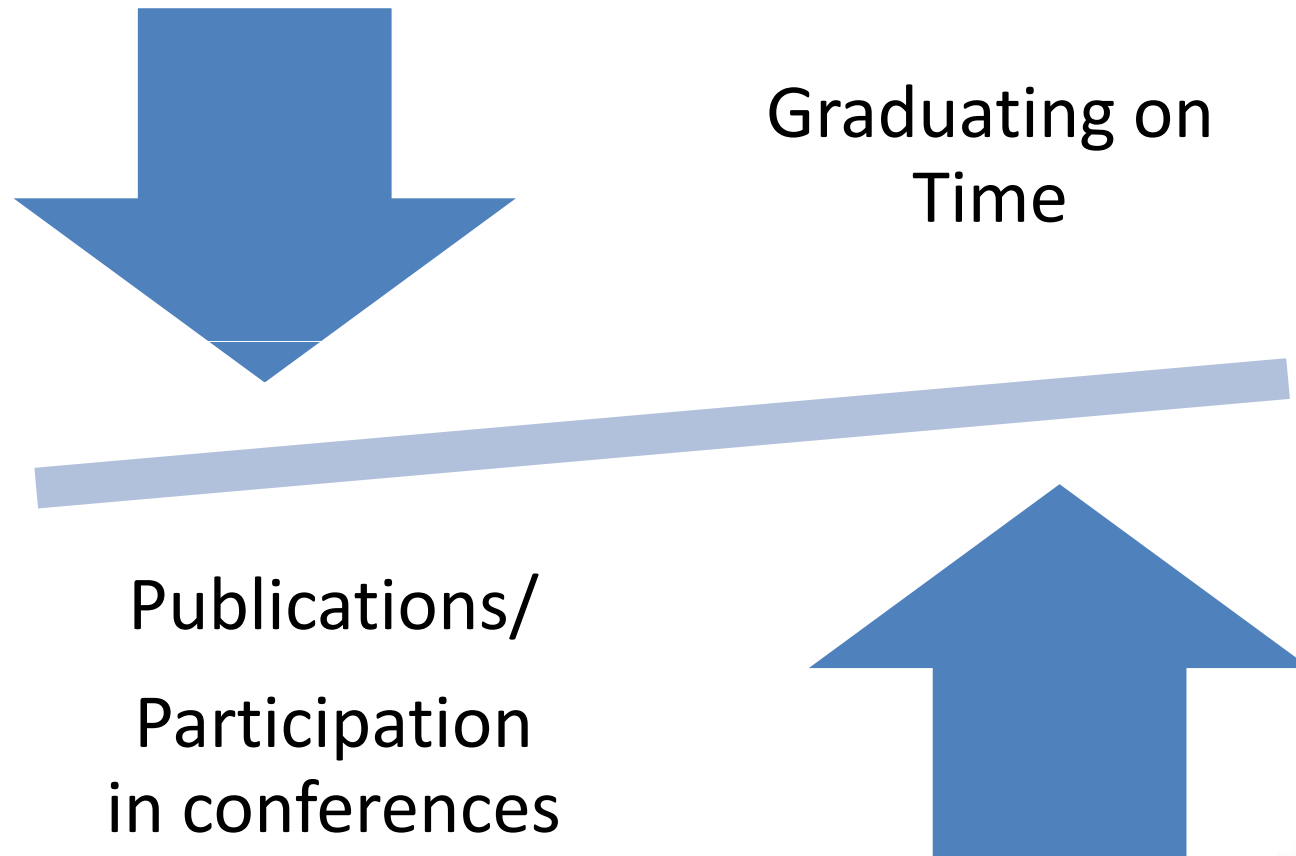


## Factors Affecting Candidates' Success



(Ahmed, A. Z., 2013)

# Balancing Time



# Support Mechanism

- Tracking Progress
  - Study Plans/GOT schedule
  - Academic Maps
- Support
  - Financial Aids
  - Academic Advising
  - Learning resources
- Data-driven warnings
  - Looking at the data – point of failure, ‘killer courses’,
  - Identify off-track students as early as possible
- Policy and Regulations
  - Easily accessed info
  - Well understood academic regulations
- Process
  - Clear academic process





**THANK YOU**



# Criteria for Evaluating Research Problems

The general criteria must include finding answer to the following questions, namely:

- 1) is the problem feasible?
- 2) is the problem researchable?
- 3) is the problem worthwhile?

(Howard and Sharp, 1983)

## Is the Problem Feasible?

- a) Availability of data and information
- b) Accessibility of data and information
- c) Is the time available
- d) Is the facility required adequate
- e) Is the cost satisfactory
- f) Is the risk involved manageable



## Is the Problem Researchable?

Criteria relate to the possibility of conducting research on the problem situation selected include the checking on whether the problem situation is:

- a) Clearly specified
- b) Opportunity to pursue a particular research design
- c) Can be subjected to scientific method of inquiry
- d) Clearly understood by the researcher
- e) Manageable and not too large
- f) Can the problem situation be measured and measurement can be conducted.
- g) Can the research problem be solved by the researcher.



## Is the Problem worthwhile?

Factors that need to be considered whether the problem situation is worthwhile to solve include:

- a) Do the research have some economic value
- b) Do the results advanced or enhanced knowledge
- c) Is the research unique
- d) Will the research benefit or of interest to other
- e) Will the results assist in making a decision

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Accept responsibility  
for your actions.

Be accountable for  
your results.

Take ownership of your  
mistakes.

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When applying...

Right INTENTION

Right MINDSET

Right ATTITUDE

Right READINESS

***PhD is ALL about YOU!***

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