

What about Academic (A&A)
and Research (R&I) Synergy?

What about Academic & Research Synergy?

- The **Academic (AA)-Research (R&I) Synergy** has been officially established long before UTM Synergy 4.0, i.e., through UTM Senate approval of UTM new faculty structure on **17 December 2014***.
- The AA-R&I synergy structure approved by UTM Senate in Dec 2014 is the **basis of the UTM Synergy 4.0 structure**. It had effectively
 - ✓ Empowered research governance under the newly created position of Deputy Dean (Research, Innovation, C&I Network)(see Figure 1. slide 4)
 - ✓ Synergised research coordination under JK Penyelidikan & Inovasi (JKPI)
 - ✓ Empowered JKPI to synergise all faculty-affiliated RGs, RCs, CoEs, Institutes
 - ✓ Embedded the Teaching-Research Nexus (TRN)
- Note that, prior to Senate approval on 17 Dec 2014, UTM research was under the purview of Research Alliances from the time UTM was awarded RU in 2010. All pre AA-R&I synergy faculties had Deputy Dean (Academics) and Deputy Dean (Development)(Figure 2, slide 5)

*The Senate approval was finally secured after more than a year of engagement and deliberation across UTM, followed by the approval of JPU (JK Pengurusan UTM) and JKTS-DEA (Dasar & Entiti Akademik). The paper was prepared by the Task Force on Excellent Research Governance (TFERG) headed by Prof Zainuddin, then the Dean of Faculty of Chemical Engineering (2010-2015).

What about Academic & Research Synergy? (Continued)

- The new faculty (AA-R&I) synergy structure approved by UTM Senate on 17 Dec 2014 had effectively **instituted MyRA research KAls under the responsibilities of faculties.**
- Upon implementation of the AA-R&I synergy, all faculty RGs (Research Groups), and faculty-affiliated CoEs and Institutes have been audited as ONE ENTITY under the flagship faculty.
- For example, from 2015, MyRA Audit performance assessment for FKT covered FKT as the *flagship faculty* and *ALL its **RGs** and FKT-affiliated CoEs as well as institutes including **AMTEC, IBD, IHE, CHE, PROSPECT, CLEAR & MPRC.***
- Not only the JKPI of faculty has significant responsibility and strong AA-R&I synergy mandate from 17 Dec 2014. **In order to ensure that this happens on the ground**, faculty MyRA performances have been rigorously audited based on this AA & R&I Synergy.

Figure 1

ORGANIZATIONAL CHART*

Faculty Of Chemical And Energy Engineering

New Structure (2015)
after AA-R&I Synergy

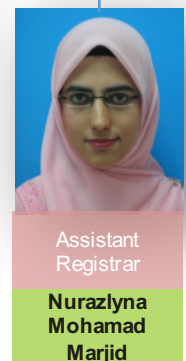
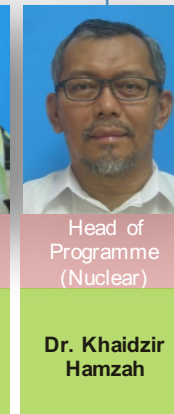
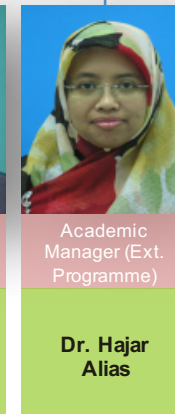
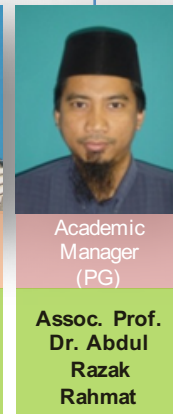
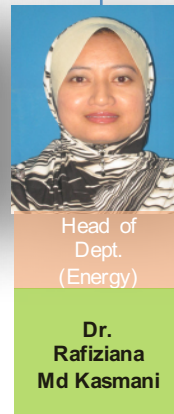
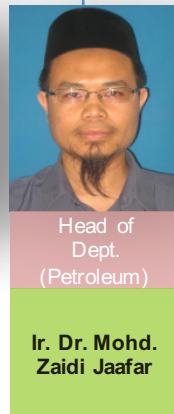
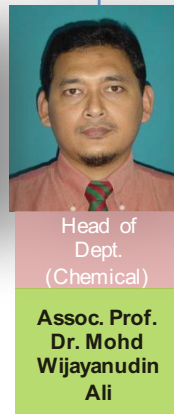
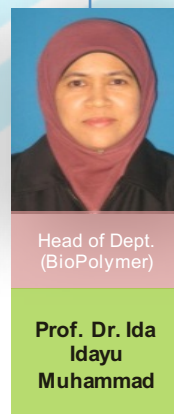
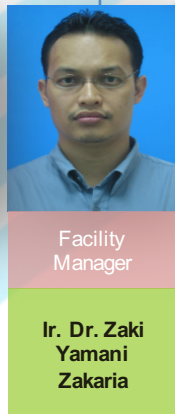
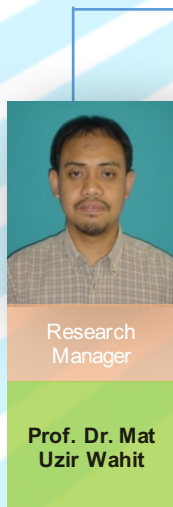
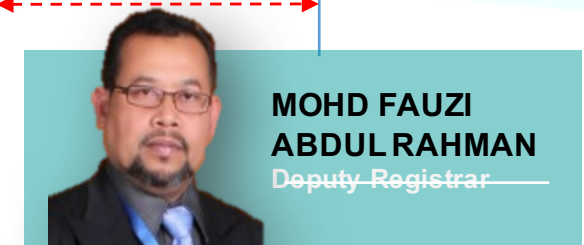
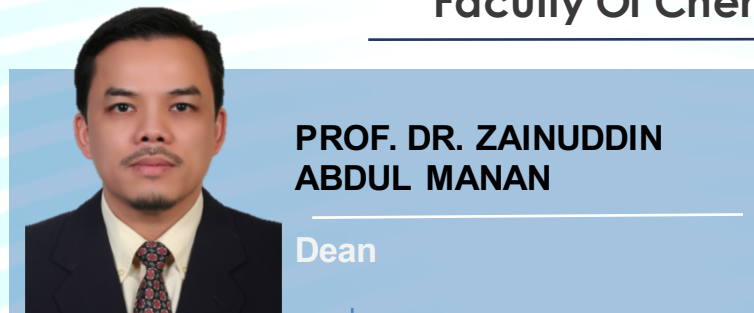


Figure 2. FChE Organisational Structure 2013 (Pre AA-R&I Synergy)

