



Professor Ir. Dr Zainuddin Abdul Manan

July 1 · 🌐



UTM Synergy 4.0 : A New Synergy Horizon

The UTM Synergy 4.0, by structure and by design (as opposed to by chance), creates an eco-system whereby multiple disciplines are provided a unified platform to seamlessly and sustainably collaborate towards bringing UTM from good to great, for universal well-being and prosperity.

Hence, it is dubbed as UTM Synergy 4.0 Excellence and Sustainability (one may call "4.0" as "for", or as "version 4.0". By the way, apart from Integrity, Synergy, Excellence and Sustainability are three out of four UTM Core values)

The Synergy 4.0 features an eco-system that removes limiting barriers, and advances the synergy of purpose, people, programs & products, promotion & partnership, physical facilities and performance delivery (see the heart of transformation below).

The UTM Synergy 4.0 is ultimately envisioned to spark breakthrough trans-disciplinary innovations, among others through implementation of STREAM-based* cornerstone and capstone grand challenges programs/projects in UTM curricular. (*STREAM - Science, Technology, Religion, Engineering Arts and Management)

Prof Ir Dr Zainuddin Abdul Manan

Deputy Vice Chancellor (Academic & International) UTM

#UTMSynergy4.0



UTM Synergy 4.0 : A New Synergy Horizon

- Faculty of Engineering
- Faculty of Social Science and Humanities
- Faculty of Built Environment and Surveying
- Faculty of Medicine
- Malacca Islamic International Business School
- Phuket Faculty of Technology and Informatics
- Malaysia-Japan International Institute of Technology (MJIT)

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UTM FACULTIES

UTMANCE
School of Professional and Continuing Education

18 Faculties / Schools
1972-2018

➔

7 Faculties
From July 1st 2018

Professor Dr. Zaimuddin Abdul Manan
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Zaimuddin Abdul Manan & Centre Front

Heart of Transformation

PURPOSE

- Enhance UTM Mission, Core Values
- Strategically – identify, respond to ensure a working in Synergy (Good) Excellence
- Contribute to national development & progress in (Sustainability) by
- Democratizing Engineering Education

PHYSICAL FACILITY

- Strategy of infrastructure
- Assessment, study, expansion, etc.
- Facility & asset management
- ISO, MSO, Sustainability
- Synergize with UoI, Institutes, UTM spin-offs

PROMOTION & PARTNERSHIP

- External & Global Engagement
- Deep Industry, Community & Global Engagement
- Total ambassador program – involving all staff
- Corporate Marketing & Branding 4.0
- Talent Faculty Performance & Multi career strategies

PEOPLE

- Elevate individual jobs
- Empower PPP (Support Staff)
- Create Critical Thinking Function
- Interdisciplinary T & L, R&D
- Strategy Infra & Admin Faculty
- Remove People Barriers

PRODUCTS – PROGRAMS

- Certificate Innovation & Quality (CIQ)
- Future-Ready Educators
- 21st Century-AR, Hybrid, Multi-Disciplinary, Secure, Inter-faculty
- PACE, SPN, SCIS, HPH

PERFORMANCE DELIVERY

- Lean & Market Orientation (e.g. Online, selling functions, revenue etc., custom products)
- Scalability, Holistic, Reduce (ambiguity) MTA, etc.
- Use of digital technology (e.g. Virtual, Immersion System-VR (VR/AR), Blockchain, cloud, robotics, big data, academic networks)
- Academic Autonomy (e.g. program)
- Financial & Income Generation Authority

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