



ProfRose Utm with Sharifah Rafidah Wan Alwi.

November 15 · Johor Bahru · 🌐

Professorial Inaugural Lecture Series

Process Integration promotes symbiosis and synergy by maximising resource utilisation efficiency and minimising wastes among interacting processes, industry and systems.

In this lecture, state-of-the-art Process Integration techniques developed by researchers from Process Systems Engineering Centre (PROSPECT), Universiti Teknologi Malaysia will be highlighted.

The talk focuses on the successful industrial implementation of systematic PI solutions to minimise consumption of resources such as energy, water, gas, solvents, CO₂ and solid wastes.

Among the prominent highlights include implementation and impact on the use of this technique to maximise utility savings and minimise capital and operating costs that resulted in annual cost savings of up to USD12 Million for an oil refinery, and a USD3.4 Million energy savings for a middle distillate synthesis (MDS) plant.

Researchers, students, and industry players are all welcome.

UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Number 82
Professional Inaugural Lecture Series

**Game-Changing Industrial Symbiosis
via Process Integration**
by Prof. Ir. Dr. Sharifah Rafidah Datu Wan Alwi

17 November 2016 (Thursday) | 10.30 am
UTMLead Hall, Block F54,
UTM Johor Bahru

All are invited



ProfRose Utm

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