

Manufacturing focus

SET up in 2002, Kolej Universiti Kejuruteraan dan Teknologi Malaysia's (Kuktem) programmes focus on areas related to the chemical, petrochemical and natural resources industry as well as the manufacturing and process industry.

The institution offers diplomas and undergraduate degrees through five faculties.

These include bachelor of engineering degrees in electronics, control and instrumentation, chemical biotechnology, gas technology, biomechanics and software technology.

**KOLEJ UNIVERSITI
KEJURUTERAAN DAN
TEKNOLOGI MALAYSIA (Kuktem)**

Established: 2002

Location: Temporary campus in Gambang near Kuantan in an area previously known as "MEC City".

Faculty: Faculties of Electrical and Electronics Engineering Technology, Chemical and Natural Resources Engineering Technology, Computer Systems and Software

Kuktem's curriculum is modelled after the fachhochschule (German technical university).

The university college's courses are specifically designed to meet the needs of the relevant industries while industrial training for students is incorporated as an integral part of the courses offered.

Engineering, Mechanical Engineering and Civil and Environmental Engineering. In addition, there is a Centre for Modern Languages and Human Sciences which caters for subjects such as Islamic Studies, English, and Malaysian Studies.

Programmes: Diplomas and undergraduate degrees in engineering in various areas including electronics, control and instrumen-

Education in Kuktem focuses on three major elements, namely technical knowledge, technical skills and soft skills.

To support its aim of producing graduates who excel in all three elements, the Centre for Modern Languages and Human Sciences trains students in soft skills.

tation, software technology, chemical biotechnology, industrial electronics, biomechanics and chemical process.

Student population: 1,900

Staff: 300

Accommodation: 15 hostel blocks at Gambang campus which can accommodate 3,940 students.

Website: www.kuktem.edu.my

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Feedback from the industrial sector was sought and accordingly the university college has included training for students in communication skills, English language competency, leadership quality, team-work skills, critical thinking, creativity and innovativeness under the Soft Skills Programme.

The Soft Skills programme is integrated into the teaching and learning process in all subjects and also in activities organised by departments such as the student affairs department.

It is currently operating from a temporary campus in Gambang near Kuantan in an area previously known as "MEC City". Kuktem's main campus at Kuala Pahang is expected to be ready in 2006. Once completed, the campus is expected

to accommodate 10,000 students and 1,000 staff.

Kuktem's laboratories and workshops are fitted with equipment that are used in the industry. This is to ensure students are provided with adequate exposure to the kind of tools in the workplace once they graduate.

At the same time, experts from the industry assist the university college in the development of its curriculum and students' practical training.

Kuktem focuses on applied research and industrial projects with local industries. Such collaborations will help enrich the teaching and learning processes at the university college. To further strengthen the research activities, centres of excellence will also be set up at Kuktem.