

# Lessons outside the classroom



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**I**NNOVATIVE employer projects epitomise the close collaboration between INTI and its industry partners to empower students through experiential learning.

Since 2011, INTI students have successfully engaged in and completed a total of 180 innovative projects with 125 employers from various industries.

These assignments were formulated to help develop in-demand skills such as problem solving, collaboration and effective communication.

By providing a teaching and learning environment that is career-focused, INTI empowers its students to be self-directed, motivated and independent learners.

Numerous employer projects help to strengthen students' communication, critical thinking and other skills.

Mechanical engineering students at INTI recently participated in a project with Bell Group of Companies, one of the largest privately owned independent palm oil millers in Malaysia, and gained valuable insight into the palm oil industry.

The students were required to study Bell Group's application of a spherical steriliser and propose a way to improve or maximise its efficiency.

They had to report on the methodology used, create a simulation and workflow diagram of the improved steriliser or sterilisation process and present their solution to the management of Bell Group.

"The response from the students was impressive. They were enthusiastic from the very beginning and kept that momentum going throughout the project. What we found most intriguing was the way they quickly grasped the fundamental principles at work in the palm oil industry even though they had no previous exposure.

"Their ability to match these principles to the theories they learnt in class left us in awe. We definitely learned a thing or two from the students. All in all, it was a wonderful experience for them and they did a great job," said Bell Group of Companies project manager Oluchi Chiazor.

The opportunity to work on a real project is priceless as it brings to life lessons learnt in the classroom.

The exposure can provide a good understanding of the industry as well as employer expectations and requirements.

INTI offers the Diploma in Mechanical Engineering and Bachelor of Engineering (Hons) in Mechanical Engineering programmes.

The diploma programme helps students develop broad-based mechanical engineering skills coupled with automotive product knowledge, both theoretical and practical.

The degree programme prepares students for careers in energy transfer and analysis, machine and electro-mechanical design, manufacturing and production, ergonomics and man-machine symbiosis, environmental design and analysis as well as in new technologies such as robotics and numerical control machining.

INTI has over 33 well-equipped engineering laboratories and workshops that provide hands-on learning opportunities to master skills in CNC machining, rapid prototyping and other areas of technology.

Students also develop business, interpersonal and managerial skills to progress quickly into responsible positions in the mechanical or automotive industries and their supply chains upon graduation.

Other areas of engineering studies at INTI include civil engineering, electrical and electronic engineering and quantity surveying.

## About INTI International University and Colleges

One of the most respected and trusted names in the Malaysian private higher education industry, INTI is part of the Laureate International Universities network that spans 30 countries and online, with more than 80 accredited universities and 130 campuses, serving over 850,000 students globally.

Being part of the Laureate network means that on top of what it already offers, INTI provides access to the global resources, best practices, teaching methods, international faculty and management tools that are world-class.

■ For more details, call 06-798 2000/03-5623 2800/04-631 0138 or visit [www.newinti.edu.my](http://www.newinti.edu.my)