

NESTLE-UPM INITIATIVE

Students apply STEM principles in halal industry

KUALA LUMPUR: Nestle (Malaysia) Bhd has partnered with Universiti Putra Malaysia (UPM) to introduce a Halal@STEM learning programme for secondary school students.

The initiative at SMK Bukit Baru in Melaka provided students with hands-on exposure on how science, technology, engineering and mathematics (STEM) principles are applied in the halal industry.

Developed in collaboration with UPM's Halal Products Research Centre, Halal@STEM aims to showcase how scientific knowledge and technology support halal integrity across the food and beverage manufactur-

ing value chain.

Nestle Malaysia halal affairs head Nasrul Hadi Mohamed Nor said: "Beyond compliance, Nestle's halal commitment is deeply rooted in science, quality, safety and ethical responsibility.

"Through this programme, we hope to inspire young Malaysians to think critically and explore the strong prospects that the halal STEM sector offers."

SMK Bukit Baru headmistress Nor Hafizah Musa said the programme allowed students to see science in action.

"This has provided a meaningful learning experience beyond the classroom, helping to prepare our students to be future-ready."



Nestle (Malaysia) Bhd and Universiti Putra Malaysia officials with SMK Bukit Baru students in Melaka.
PIC FROM PR AGENCY

More than 170 students took part in interactive sessions on STEM topics, such as halal authentication under the microscope, knowing the difference between synthetic and animal fur, developing mobile apps to verify halal products, working with artificial intelligence-based teach-

able machines, producing serto soap, creating water filters and calculating nutritional panels.

These made STEM concepts more tangible while highlighting their direct role in halal compliance, quality and innovation.

Student Hazin Irfan Mohd Norhakim said: "STEM is not on-

ly about science and technology but also extends to areas such as food manufacturing."

The programme in Melaka follows a successful pilot at SMK Pelagat in Terengganu and represents the next step in Nestle Malaysia's efforts to scale halal STEM education nationwide.