VOL. 36 JUNE 2019

MTUN offers Bachelor of Technology

Malaysian Technical University Network (MTUN) members comprising four public universities - Univers
Hussein Onn Malaysia (UTHM), Universiti Teknikal Malaysia Melaka (UTeM) and Universiti Malaysi
introduction of the bachelor's degree programme in technology (Bachelor of Technology – B. Tech.) th
September.

Launched on June 25, 2019 by Minister of Education, Dr. Maszlee Malik, it was a very important milest
Vocational Education Training (TVET) eco-system in Malaysia.

It reflected the government's commitment in promoting and acknowledging TVET as the driving force in th
to revive TVET by including it in the country's main stream education and not as a second class alternativ
previously.

According to Dr. Maszlee, the collaboration of many parties involved to develop the curriculum had made
fine-tuned to meet the needs of the country in meeting the challenges of the Fourth Industrial Revolution (IR

He expressed his gratitude to the industrial partners and experts from the Higher Education Departm
Amanah Rakyat (MARA), Technic and Vocational Education Division, MTUN and MBOT who had worked h

"The programme is also benchmarked with the Meister programme in Germany and that the Malaysia-Ge
(MGCCI) has conveyed their willingness to be MTUN partner to ensure that all B.Tech graduates will rece
by more than 400 companies affiliated with MGCCI," he said.

He said this in his speech at the launching of the programme that was held at Astaka Hall, UMP Gambang

Also present were Higher Education Director General, Datin Paduka Ir. Dr. Siti Hamisah Tapsir, Chair
Ibrahim Ahmad and UMP Vice-Chancellor, Professor Ir. Dr. Wan Azhar Wan Yusoff.

Professor Ir. Dr. Wan Azhar Wan Yusoff said the programme was an articulation for students of DVM
bachelor's degree level that emphasised on hands-on skill component.

"The programme will be offered to eligible candidates in September and will include 10 fields of tec
maintenance, industrial machining, welding, electrical system maintenance, building construction, indus
electronic automation, occupational safety and health and hospitality.

"The programme will be offered according to the focus of each MTUN university members," he said.

There was also a talk held, 'Distinguished Scholar Discourse Series', the first of its series and was ini
(PAKAD). It would serve as a prestigious platform for intellectuals to speak on their subject matters.

Prominent personalities spoke on a topic titled, 'Challenges in Strengthening of TVET: Where Are We'.

They were Malaysia Board of Technologist (MBOT) President, Tan Sri Dato' Ir. (Dr.) Ts. Ahmad Zaid
(Academic & International), Professor Dr. Ismail Abdul Rahman, MBOT Registrar, Ts. Mohd. Nazrul
Innovation and Competitiveness (CAIC), Associate Professor Ts. Dr. Mohd Rusllim Mohamed who acted as

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STEM education – the driving force towards human cap

Universiti Malaysia Pahang (UMP) worked together with the Education Ministry's Education Policy Plan
Pahang State Education Department to organise a Colloquium on Science, Technology, Engineering and M

It was aimed at enhancing the level of competency, knowledge and skill among teachers and armed with
they would be equipped in teaching the subjects to students.

It would also help to create a networking among policy makers, academicians, educators, counsellors,
organisations on STEM education, its implementation and adopting the best practices to ensure that STEM

The objective was to make students think logically, create, use technology and solve problem creatively and

These were measures taken to produce a competitive workforce who would be the driving force to spur the

The colloquium was held at UMP Gambang Campus on June 25, 2019 and was officially opened by Ministe

Also present were Higher Education Director General, Datin Paduka Ir. Dr. Siti Hamisah Tapsir, UMP Vi
Wan Yusoff, Education Deputy Director General, Dr. Habibah Abdul Rahim and BPPDP Director, Dr. Haji A

In his speech, Dr. Maszlee said in facing challenges, there should be some changes in the education secto

“It is hoped that with the evolution happening in the field of STEM, we are able to provide the kind of edu
Revolution 4.0 and those that meet the requirements of jobs of the future,” he added.

He noted that STEM was seen as subjects that were difficult and demanding and that interest and percen
had declined from year to year.

“Being too preoccupied to wanting to score excellent results during examinations contributed to the declin
because they were not confident in getting good grades although they are interested in STEM.

“Based on observations made, there were also students who changed to other courses when they entere
science stream when in schools and that they did so despite knowing areas such as biotechnology, nano t
and big data were critical fields of the future,” he added.

“As such, we need to make changes now to feed to the future’s need by instilling the interest in STEM. system as implemented in many other countries.

“To live in a super smart society or Society 5.0, the people in Japan are said to need to be more advanced Internet of Things (IoT), Artificial Intelligence (AI), cyber physical systems and big data,” he said.

He added that the Japanese culture and values that were deeply embedded in the people - being diligent, the very thing that shaped its country into being a developed nation.

Professor Ir. Dr. Wan Azhar also said UMP, being a technical public university, was committed in support education as well as the other two additional elements - reading and arts, shifting from STEM to STREAM.

“Although this university is a technical university, its philosophy and core values are affixed to firstly, a st that every activity involving exploration of knowledge carried out here is in line with benefits enjoyed by m values and ethics.

“UMP is now in the midst of creating a plan to diversify elective courses offered to consist elements of lite we want future engineers and technologists produced are not only capable in matters involving their sub associate findings of the studies to the benefit of mankind,” he said.

In a move to strengthen STEM education, UMP joined forces with Motorola Solutions Foundation and Mala and established UMP STEM Lab.

The facility has benefitted more than 2,500 students and 200 teachers. There are various modules Programming, Open-Source Robotics, micro controller programming, robotic automatic system and the Inte

More than 1,000 participants comprising students, counsellors, parents and representatives from the indust

A discussion on STEM education in the era of Industrial Revolution 4.0 was also held while principals an Role of School Administrators in Supporting Inquiry-based Jobs Using the STEM Approach.’

There were also roundtable discussion and exhibitions on STEM.

UMP’s excellent Graduate Employability up a not

Universiti Malaysia Pahang's (UMP) annual ranking of Graduate Employability (GE) remains excellent, a compared to the 95 percent it recorded last year.

The GE rankings attained thus far, are well above the 80 percent threshold benchmarked by the Mi surpassed those achieved by other public institutions of higher learning (IPTA) in the country.

"The outstanding accomplishment is the result of the university's close and long-term collaboration with holistically competent and enterprising graduates, who met industrial demands," announced UMP Vice-Ch Yusoff, at a recent Aidilfitri gathering, held at the Banquet Hall of the Tun Abdul Razak Chancellery at UMP

The Vice-Chancellor expressed his gratitude to everyone in attendance for such an outstanding achie continue to pursue such excellence in the future.

Also present at the Aidilfitri celebration were Chairman of UMP's Board of Directors, Dato' Sri Ibrahim Ah Innovation), Professor Dr. Kamal Zuhairi Zamli, Chief Operation Officer (COO) cum Registrar, Associate Pr other board directors and management team of the university.

Touching on the subject of festivity, Professor Ir. Dr. Wan Azhar said it was good to note that everyone cam

"Certainly is heartening to see everyone at UMP, from all walks of life, can gather together in such a harm undying commitment to pursue UMP's agenda of excellence, underscored by our slogans of "wehdah al amal" or united in action.

"As we celebrate Aidilfitri festivity, today also marked the 30th day of my appointment as the university's fou

"For the past one month, with the responsibilities I had to shoulder, I have experienced the heavy weig ensuring UMP's agenda of excellence momentum.

"On that note, I would like to take this festive opportunity to record my appreciation to my predecessor, P for all his hard work in elevating UMP to where it is today," said the Vice-Chancellor jubilantly.

The university, he continued, also wished to record its gratitude to UMP's third Vice-Chancellor, Professor Father of Transformation, who had uplifted UMP to be among the best universities in Asia and international

The Aidilfitri gathering saw over 2,000 guests in attendance, and was considered the rightful platform to stre

The festivity kicked off at 10.30 in the morning, with a variety of Aidilfitri's *'Kasih Sayang'*-themed dish *Kusayang*, *Sehati Sejiwa* delicacies and pudding, *Ombak Rindu* refreshments, Satay *Kasih* UMP, *Lema Kasih Tercipta, Lodeh* and *Kuah Kacang Jalinan Kasih, Apam Balik* UMP *Dihatiku, Kambing Golek Sesuci*

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