

**KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 12 APRIL 2017 (RABU)**

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KERATAN AKHBAR
UTUSAN MALAYSIA (DALAM NEGERI) : MUKA SURAT 16
TARIKH : 12 APRIL 2017 (RABU)

MOSTI harap lebih banyak sektor adaptasi ekosistem psikometrik

KUALA LUMPUR 11 April - Kementerian Sains, Teknologi dan Inovasi (MOSTI) berharap ekosistem psikometrik akan berkembang merangkumi lebih banyak sektor dan industri terutama ketika negara melangkah ke era revolusi industri keempat.

Menteri Sains, Teknologi dan Inovasi, Datuk Seri Madius Tangau berkata, pada ketika negara giat membangunkan ekonomi digital, lebih banyak operasi manual atau tradisional harus didigitalkan, contohnya dalam sektor pengurusan sumber manusia.

Menurut beliau, teknologi pentaksiran digital bukan lagi satu pilihan tetapi keperluan dalam usaha melahirkan tenaga kerja yang dapat menyumbang kemahiran secara berkesan kepada negara menuju revolusi industri keempat.

"Dalam dunia tidak menentu dan persekitaran sukar difahami, peranan psikometrik menjadi semakin penting. Organisasi harus menyedari hakikat bahawa pentaksiran saintifik sebenarnya wujud setiap hari di sekeliling kita.

"Masalah di abad ke-21 memerlukan penyelesaian abad ke-21. Contohnya, apabila integriti dan ketelusan semakin diperhalusi dalam pentadbiran, pendigitalan proses pemilihan menjadi bertambah penting," katanya pada majlis pelancaran



WILFRED MADIUS TANGAU (dua dari kanan) menyampaikan buku gimik perasmian kepada **Abdul Wahab Abdullah** sambil disaksikan **Mohd. Azhar Yahaya** (dua dari kiri) dalam majlis Pelancaran Teknologi Pentaksiran Digital untuk Revolusi Industri Keempat di Kuala Lumpur, semalam. - BERNAMA

Teknologi Pentaksiran Digital di Bukit Jalil, di sini hari ini.

Yang hadir sama Ketua Setiausaha MOSTI, Datuk Seri Dr. Mohd. Azhar Yahaya; Presiden dan Ketua Pegawai Eksekutif MIMOS Berhad, Datuk Abdul Wahab Abdullah dan Ketua Pengarah Jabatan Standard Malaysia, Datuk Fadilah Baharin.

MIMOS mula menjalankan aktiviti penyelidikan dan pembangunan (R&D) psikometrik pada 2009. Kini, lapan tahun berlalu, terdapat sebanyak 20 organisasi mengguna pakai ekosistem tersebut termasuk enam kementerian.

terian.

Pada majlis itu, dua standard antarabangsa telah diterima guna sebagai Standard Malaysia (MS ISO) yang menyediakan garis panduan bagi agensi kerajaan dan swasta dalam pelbagai tujuan seperti kenaikan pangkat dan penempatan kakitangan.

Madius berkata, ekosistem psikometrik juga selari dengan pengumuman Perdana Menteri, Datuk Seri Najib Tun Razak bulan lepas bahawa satu-satunya cara yang mampu membawa negara berkembang dua digit adalah dalam sektor digital.

Teknologi penilaian digital lahir pekerja cekap



Tangau (tengah) bersama Ketua Setiausaha Kementerian Sains, Teknologi dan Inovasi, Datuk Seri Dr Mohd Azhar Yahaya dan Abdul Wahab (kanan) pada pelancaran Teknologi Penilaian Digital untuk Revolusi Industri Keempat di Kuala Lumpur, semalam.

Teknologi penilaian digital bukan lagi satu pilihan, tetapi kini menjadi satu keperluan bagi Malaysia dalam membangun tenaga kerja yang cekap dalam era Revolusi Industri Keempat.

Menteri Sains, Teknologi dan Industri, Datuk Seri Wilfred Madius Tangau, berkata dalam persekitaran dunia tidak menentu dan mencabar ketika ini, penilaian kemahiran dapat dibuat secara lebih tepat dengan menggunakan teknik penilaian digital maju.

Beliau berkata, teknik psikometrik yang diamalkan pada abad lalu bagi mengukur kemahiran, kecenderungan dan perwatakan individu tidak dapat dilakukan dengan jitu ketika ini memandangkan persekitaran semasa yang tidak menentu.

"Justeru, penggunaan penilaian digital adalah penyelesaian terbaik bagi mengukur kemahiran dan kecenderungan individu dengan lebih tepat berbanding penilaian tradisional. Impak penilaian digital dalam organisasi adalah ketara dan

ia melangkaui proses merekrut.

Pengukuhan organisasi

"Ia menyumbang terhadap pengukuhan organisasi seperti mengenalpasti masalah dan peluang bila ia muncul, mengelak kesilapan kos apabila menembusi bidang baharu, menangani cabaran dan menggalakkan inovasi serta perubahan yang berkesan," katanya.

Beliau berkata demikian pada majlis pelancaran Teknologi Penilaian Digital untuk Revolusi Industri Keempat, di sini, semalam. Yang turut hadir, Presiden dan Ketua Pegawai Eksekutif MIMOS Bhd, Datuk Abdul Wahab Abdullah.

Pada majlis itu turut diadakan perasmian Persatuan Psikometrik Malaysia dan pertukaran perjanjian persefahaman (MoU) antara MIMOS dan rakan usaha samanya. Sebanyak 13 rakan strategik teknologi MIMOS juga diiktiraf pada majlis itu.

Mengulas mengenai peralatan penilaian psikometrik yang diba-

ngunkan MIMOS, Abdul Wahab berkata, selepas lebih tujuh tahun membangunkan peralatan penyelesaian itu, pihaknya kini berupaya mengumpul data yang mencukupi dalam membuat penilaian yang lebih baik dan tepat.

Beliau berkata, pihaknya mempunyai lebih 100,000 titik data dan berupaya mencapai ketepatan penilaian lebih 95 peratus.

Peralatan penyelesaian psikometrik yang dibangunkan MIMOS itu, jelasnya, adalah khusus kepada budaya Malaysia dan membolehkan penilaian dibuat dengan tepat.

"Peralatan penilaian psikometrik yang dibangunkan MIMOS adalah dengan menggunakan data statistik. Lebih banyak sampel membolehkan kami mendapatkan ketetapan yang tinggi.

"Ketika kami baru mula membangunkannya, ketetapan yang dicapai adalah sekitar 70 peratus. Namun kini, dengan 100,000 titik data, ketetapan penilaian kini lebih 95 peratus," katanya.



MIMOS Bekerjasama Dengan Syarikat Bagi Kaedah Penilaian Psikometrik

KUALA LUMPUR, 11 April (Bernama) -- Pusat penyelidikan dan pembangunan negara dalam teknologi komunikasi dan maklumat, MIMOS Bhd, bersedia untuk bekerjasama dengan banyak syarikat bagi kaedah penilaian psikometrik.

Presiden dan Ketua Pegawai Eksekutif Datuk Abdul Wahab Abdullah berkata selepas tujuh tahun membangunkan teknologi tersebut, MIMOS dapat mengumpul data sampel yang mencukupi untuk menyediakan penilaian yang lebih baik dan tepat.

"Makmal telah diwujudkan sejak lima tahun lepas, tetapi kerja-kerja telah dilakukan selama lebih tujuh tahun.

"Dengan lebih 100,000 titik data, ketepatan kami kini lebih 95 peratus berbanding 90 peratus semasa makmal ditubuhkan. Kami kini mempunyai sampel yang amat baik," katanya kepada pemberita hari ini.

Beliau berkata demikian selepas majlis pertukaran dokumen antara MIMOS dan rakan strategiknya, yang disaksikan oleh **Menteri Sains, Teknologi dan Inovasi Datuk Seri Panglima Wilfred Madius Tangau** di sini.

Rakan strategiknya termasuklah **CyberSecurity Malaysia**, Integrity Institute of Malaysia, Uniutama Education and Consultancy Sdn Bhd dan Universiti Pendidikan Sultan Idris.

Psikometrik adalah teknologi untuk mengukur kecenderungan manusia, pengetahuan, keupayaan, sikap, personaliti dan lain-lain dalam usaha untuk menjangka tingkah laku pada masa akan datang, yang membolehkan keputusan dibuat dengan bijak.

Berbanding kaedah psikometrik lain yang boleh didapati, Abdul Wahab berkata teknologi tersebut, yang dibangunkan oleh MIMOS, adalah dirangka khas, dan disesuaikan dengan budaya Malaysia yang membolehkan agensi menyediakan penilaian yang tepat.

Di Malaysia, katanya teknologi sedemikian digunakan oleh Polis Diraja Malaysia untuk menilai integriti kakitangan baharu.

Beliau berkata Kementerian Belia dan Sukan, Kementerian Pendidikan, Kementerian Pendidikan Tinggi, Kementerian Sumber Manusia serta **Kementerian Sains, Teknologi dan Inovasi** sedang menjalankan projek perintis menggunakan kaedah psikometrik.

-- BERNAMA

Gauging staff members with digital tech

KUALA LUMPUR: New digital technology can help organisations measure staff more effectively.

"When enforcement agencies catch their highly trusted personnel involved in unlawful behaviour, or when SPM candidates score straight A's in 12 subjects yet cannot decide on their future career, this is where digital assessment tools can offer a solution," said Science, Technology and Innovation Minister Datuk Seri Wilfred Madius Tangau.

One such tool is psychometric testing, which is the science of measuring or evaluating skills and abilities, commonly used in human resource management.

Our psychometric software provides a more specific assessment.

Datuk Abdul Wahab Abdullah

"Twenty-first century problems call for 21st century solutions," he said when launching the Digital Assessment Technology for Industry 4.0 at Mimos Technology Solutions here yesterday.

Also present were ministry secretary-general Datuk Seri Dr Mohd Azhar Yahaya, Mimos Bhd president and CEO Datuk Abdul Wahab Abdullah, Standards Malaysia Department director-general Datuk Fadilah Baharin and Star Media Group managing director and CEO Datuk Seri Wong Chun Wai.

The event also saw a memorandum of understanding signed



Advanced step: (From left) Abdul Wahab, Azhar, Wilfred and Wong after the signing of the MoU between Mimos Bhd and myStarjob, the Star Media Group's job-hunting platform, for co-operation in the field of psychometrics.

between Mimos Bhd and Star Media Group's job-hunting platform, myStarjob, for co-operation in the field of psychometrics.

Mimos Bhd, a national research and development centre for ICT, has been conducting psychometrics R&D since 2009.

Its psychometric technology has

been adopted by about 20 organisations so far, including six ministries.

Abdul Wahab said problem-solving, critical thinking, teamwork and cultural adaptability were necessary to ensure national development.

He said psychometric techniques used before could measure skills but not accurately.

"Our psychometric software provides a more specific and targeted assessment," he added.

The event, which was held in conjunction with the Malaysia Psychometrics Symposium 2017, also saw two international standards being adopted as Malaysian Standards (MS ISO).



MIMOS To Partner More Companies For Psychometrics Assessment Tool



KUALA LUMPUR, April 11 (Bernama) -- National research and development (R&D) centre in information and communications technology, **MIMOS Bhd**, is ready to partner more companies for its psychometrics assessment tool.

President and Chief Executive Officer Datuk Abdul Wahab

Abdullah said after seven years of developing the technology, MIMOS had managed to gather enough sample data to provide better and accurate assessment.

"The lab was formed five years ago, but the work has been done by more than seven years.

"With more than 100,000 data point, our accuracy now is more than 95 per cent compared with 90 per cent when the lab was formed. We have a very good sampling now," he told reporters after the exchange of documents between MIMOS and its strategic partners, witnessed by **Science, Technology and Innovation Minister Datuk Seri Panglima Wilfred Madius Tangau** here Tuesday.

The strategic partners included CyberSecurity Malaysia, Integrity Institute of Malaysia, Uniutama Education and Consultancy Sdn Bhd and Universiti Pendidikan Sultan Idris.

Psychometrics is a technology to measure human inclinations, knowledge, abilities, attitudes, personality traits and others in order to predict future behaviour, to enable wise decision making.

Compared with other psychometrics tool available, Abdul Wahab said the technology, developed by MIMOS, was specially designed, tailored to the Malaysian culture and enabled the agency to provide accurate assessment.

In Malaysia, he said such technology was adopted by the Royal Malaysian Police in assessing the integrity of new personnel recruited.

He said the Ministry of Youth and Sports, Ministry of Education, Higher Education Ministry, Human Resource Ministry and the Ministry of Science, Technology and Innovation were currently undertaking pilot projects to adopt the psychometrics tool. –

BERNAMA

KERATAN AKHBAR
NANYANG SIANG PAU (COMMERCIAL NEWS) : MUKA SURAT A2
TARIKH : 12 APRIL 2017 (RABU)

工业 4.0 数字评估技术推介礼

科艺部长：人资管理电子化
心理测量学需求增

(吉隆坡 11 日讯) 科学、工艺及革新部长拿督斯里威尔弗说，在这波动的世界中，心理测量学越发显得重要，并希望企业必须认清有研究支持的评估需求正不断增加。

他认为，数字评估技术对我国进入工业 4.0 时代是非常必要的。

“在数字经济的时代，更多传统手动的营运模式必须电子化，例如人力资源管理等。过去数十年，先进国家广泛使用心理测量学，且对该国的经济增长及社会进步贡献良多。

“从教育、招聘就业、人力资源、儿童发展、金融服务的

防御及加强政府机构的廉正度，心理测量学的适用范围是无限的。”

他说，数字评估对组织的影响是非常大的，且对组织的总体健康有益。

“例如识别问题、确定机会、避免价高昂的错误、更好地了解团队成员、确保更好的团队合作，克服挑战，促进创新和有效的变革。”

他今天出席工业 4.0 数字评估技术推介礼。出席者包括科学、工艺及革新部秘书长拿督斯里莫哈末阿兹哈、大马微电子系统研究公司 (MIMOS) 总执行长拿督阿都瓦哈阿都拉。



威尔弗 (中) 推介工业 4.0 数字评估技术书籍。左为莫哈末阿兹哈；右为阿都瓦哈。

20 企业采 MIMOS 技术

大马微电子系统研究公司 (MIMOS) 自 2009 年起开始研发的心理测量学技术已被包括 6 个政府部门的 20 家企业采用，以协助管理人力资源。

该公司总执行长拿督阿都瓦哈阿都拉说，与其他心理测量工具相比，MIMOS 开发的技术是专为马来西亚文化而量身定

制的，使该机构能够提供准确的评估。

“我们拥有超过 10 万个数据，准确度高达 95%。这显示该测量技术适用于所有领域。”

MIMOS 也在会上宣布多家机构签署成为策略伙伴，其中包括马来西亚网络安全机构等。

依据一定程序把价值数量化

心理测量学是指依据一定的心理学理论，使用一定的操作程序，给人的能力、人格及心理健康等心理特性和行为确定出一种数量化的价值。

心理测量是通过科学、客



书到用时

观、标准的测量手段对人的特定素质进行测量、分析、评价。



Evaluating staff and students, the 21st century way

KUALA LUMPUR: Digital assessment technology is now more necessary than ever, said **Science, Technology and Innovation Minister Datuk Seri Wilfred Madius Tangau**.

He said more traditionally manual operations should be digitised as Malaysia moves further into the digital economy.

These new digital technologies can help organisations measure and evaluate students and staff more effectively.

"When enforcement agencies catch their highly trusted personnel getting involved in unlawful behaviour, or when smart SPM candidates score straight As in 12 subjects yet cannot decide on their future career, this is where digital assessment tools can offer a solution," he said.

"21st century problems call for 21st century solutions," he said when launching the Digital Assessment Technology for Industry 4.0 event at Mimos Technology Solutions here on Tuesday.

Present at the event were ministry secretary-general Datuk Seri Dr Mohd Azhar Yahaya, Standards Malaysia Department director-general Datuk Fadilah Baharin and Star Media Group managing director and chief executive officer (CEO) Datuk Seri Wong Chun Wai.

The event saw the signing of a memorandum of understanding (MoU) between Mimos Bhd and Star Media Group's job-hunting platform, myStarjob.com, for cooperation in the field of psychometrics, the science of measuring or evaluating skills and abilities.

Mimos, the national research and development (R&D) centre for ICT, has been involved in psychometrics R&D since 2009.

Its psychometrics technology has been adopted by some 20 organisations so far, including six ministries, said Mimos president and CEO Datuk Abdul Wahab Abdullah.

He said the proper evaluation of 21st century skills would rely on the use of digital assessment techniques, which Mimos is currently researching and developing.

"No doubt psychometrics techniques used in the past century measured skills but this was done imprecisely," he said.

He said 21st century skills such as problem solving, critical thinking, teamwork, and cultural adaptability are crucial to the nation's progress but were not measured by traditional academic qualifications.

The Digital Assessment Technology for Industry 4.0 event, which was held in conjunction with the Malaysia Psychometrics Symposium 2017, also saw two international standards being adopted as Malaysian Standards (MS ISO).

The two new standards will provide vital guidelines for government and private sectors that wish to use assessment methods for the purposes of recruitment, promotion, and staff placement.

The standards were developed by Standards Malaysia Department, the National Standards Body, and the National Accreditation Body regulatory body under the Science, Technology and Innovation Ministry.

Read more at <http://www.thestar.com.my/news/nation/2017/04/11/evaluating-staff-and-students-the-21st-century-way/#3Pm2Ldo34METvZ49.99>



KEMAHIRAN menyelesaikan masalah asas STEM merupakan kriteria penting yang perlu dikuasai pelajar untuk membina robot.

BENGKEL robotik ini turut melatih peserta bekerja dalam kumpulan.

Realisasi impian bina robot

PELUANG menyertai program pendidikan robotik dikenali sebagai Edubots yang berlangsung di Universiti Kebangsaan Malaysia (UKM), dianggap Fahim Syahir Abu Bakar, 17, seperti bulan jatuh ke riba.

Dek kerana begitu teruja, pelajar Sekolah Menengah Kebangsaan (SMK) Bandar Seri Putera, Selangor itu hanya mengambil masa kurang daripada 20 minit untuk memahami selok-belok penggunaan perisian C++ untuk memprogram robot sendiri.

"Robot mempunyai sistem mekanikal dan memerlukan perisian seperti C++ untuk memberitahu apa yang ia perlu lakukan dengan mengumpul input daripada pemacu sensor seterusnya memutuskan output motor pergerakan serta kawalannya.

"Saya sebenarnya mengetahui kewujudan perisian itu sebelum ini tetapi tidak berpeluang mempelajarinya secara mendalam sementelah ia tidak diajar di sekolah," katanya ketika ditemui *Kosmo!* di kampus UKM, Bangi, Selangor baru-baru ini.

Lebih manis, kumpulannya turut merangkul anugerah Robot Terbaik pada program sehari yang melibatkan kira-kira 100 pelajar dari tiga sekolah termasuk SMK Bandar Baru Bangi dan SMK Jalan Empat, Bangi itu.

Ketua Pegawai Eksekutif Cytron Technologies Berhad,



PENGARAH Pusat Pembangunan Mahasiswa dan Perhubungan Alumni UKM, Prof. Madya Dr. Roslee Rajikan (tiga dari kanan), Pro Naib Canselor (Strategi dan Pembangunan Korporat) UKM, Prof. Datuk Dr. Mohd. Marzuki Mustafa (dua dari kiri) memerhatikan Abu Bakar (tengah) melakukan gimik pelancaran Edubots di kampus UKM, Bangi, Selangor baru-baru ini.

Tan Eng Tong berkata, pihaknya telah menganjurkan bengkel pendidikan robot seumpama itu sejak tahun 2005 menggunakan kit konfigurasi robot dipanggil Rero menyasarkan peserta berusia lapan tahun ke atas.

Melalui kit tersebut peserta bebas menghasilkan apa sahaja bentuk dan fungsi robot dikehendaki daripada robot humanoid sehinggalah robot skuter dan robot berbentuk dinosaur.

"Objektif utamanya adalah membantu pelajar menjadi generasi pencipta mesra teknologi berbanding daripada menjadi pengguna pasif.

"Saya melihat, sambutan

yang diberi amat menggalakkan sehingga peserta mampu melakukan lebih banyak perkara seperti membina aplikasi sendiri dan bersemangat meneroka bidang ini.

"Dahulu, pendedahan sebegini hanya dapat diperoleh ketika di universiti dan hanya melibatkan kursus-kursus tertentu," ujar graduan Kejuruteraan dari Universiti Teknologi Malaysia itu.

Tambahannya, pelajar yang terlibat dalam projek membina robot sentiasa dicabar diri mereka untuk merangka pelan penyelesaian yang kreatif secara praktikal dan tidak terikat pada buku teks semata-mata.

Beliau berkata, modul pendidikan robotik yang disediakan pihaknya mempunyai 16 siri pengajaran antaranya, pengenalan terhadap robotik, sistem anatomi robot, modifikasi robot, sensor sehinggalah peserta mampu membina robot sendiri.

Eng Tong optimis bidang robotik mempunyai masa depan di negara ini sejajar dengan peningkatan kepakaran tempatan pada kos yang murah berbanding teknologi yang diimport.

Cytron Technologies Berhad yang berpangkalan di Pulau Pinang mula menjalankan penyelidikan mengenai robot sejak 2003 dan telah menembusi pasaran di lima negara termasuk Thailand, Amerika Syarikat dan Indonesia.

Sementara itu, Timbalan Menteri Sains, Teknologi dan Inovasi, Datuk Dr. Abu Bakar Mohamad Diah yang merasmikan program itu berkata, pendidikan robotik dapat memupuk minat pelajar dalam bidang Sains, Teknologi, Kejuruteraan dan Matematik (STEM).

"Ia juga diharap dapat mendekatkan golongan tersebut dengan laluan kerjaya dalam bidang berkenaan di samping mempersiapkan mereka menghadapi tranformasi pendidikan masa depan yang menjurus kepada ilmu saintifik dan kemahiran teknikal," katanya.



KUMPULAN pelajar dari SMK Bandar Seri Putera merangkul anugerah Robot Terbaik sempena program Edubots baru-baru ini.



FAHIM SYAHIR



ENG TONG

KERATAN AKHBAR
THE STAR (NATION) : MUKA SURAT 16
TARIKH : 12 APRIL 2017 (RABU)

THE NATIONAL INNOVATION AWARD (AIN) 2017



Cash
Prizes
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For You!

Call for
entries

How to
apply

CATEGORIES	CASH PRIZE	CLOSING DATE
Products	RM 50,000.00	31 July 2017 (Mon)
Services	RM 50,000.00	31 July 2017 (Mon)
Grassroots	RM 20,000.00	31 July 2017 (Mon)
School	RM 10,000.00	31 July 2017 (Mon)
Print Media	RM 10,000.00	31 July 2017 (Mon)
Electronic Media	RM 10,000.00	31 July 2017 (Mon)
Young Scientist Award	RM 20,000.00	15 June 2017 (Thu)
National Technologist Award	RM 10,000.00	15 June 2017 (Thu)

The application form can be downloaded from
our website, <http://ain.mosti.gov.my>

Further details can be obtained at
<http://ain.mosti.gov.my>



<http://ain.mosti.gov.my>



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NEGARAKU



Kerjasama UTP-Fortinet Keluarkan 700 Bakat Dalam Keselamatan Siber Setahun

KUALA LUMPUR, 11 April (Bernama) -- Kerjasama antara Universiti Teknologi Petronas (UTP) dan Fortinet, peneraju global dalam penyelesaian keselamatan siber berprestasi tinggi, dijangka akan melahirkan 700 tenaga kerja pada setiap tahun.

Profesor Madya UTP Dr Ahmad Kamil Mahmood memberitahu Bernama kehadiran Fortinet Network Security Academy (FNSA) di UTP dijangka akan melahirkan 200 pakar setiap tahun, manakala kerjasama UTP dengan institusi akademik lain termasuk secara pengajian maya dijangka akan mengeluarkan 500 orang lagi.

"Kehadiran FNSA di UTP akan melibatkan Sarjana Muda dalam Sistem Teknologi Maklumat Perniagaan dan major Teknologi Komunikasi dan Maklumat, di bawah modul Keselamatan Rangkaian, bermula Mei 2017.

"Modul tersebut boleh diajar melalui pengajar dalam kelas atau secara maya," katanya ketika mengumumkan perkongsian itu Selasa.

Ahmad Kamil, yang juga Dekan Fakulti Sains dan Teknologi Maklumat di UTP berkata profesional keselamatan di Malaysia masih kurang, jadi, usaha menangani kekurangan itu perlu dipertingkatkan di samping bagi memenuhi sasaran kerajaan.

Agensi **Kementerian Sains, Teknologi dan Inovasi (Mosti), CyberSecurity Malaysia**, mempunyai sasaran untuk melatih dan mentauliahkan seramai 10,000 profesional dalam keselamatan siber menjelang tahun 2020.

Menurut MOSTI, adalah penting untuk membangunkan kumpulan bakat keselamatan siber bagi membangunkan ekosistem keselamatan siber yang dinamik yang mampu menyokong transformasi Malaysia kepada sebuah ekonomi digital berpendapatan tinggi.

Pakar Strategi Keselamatan dan Rangkaian Fortinet untuk Asia Pasifik, Gavin Chow berkata UTP merupakan rakan kongsi pendidikan pertama syarikat itu di Asia Tenggara.

"Kerjasama dengan UTP akan membangunkan tenaga kerja yang mahir dalam semua aspek platform keselamatan rangkaian Fortinet yang akan diiktiraf sebagai kumpulan profesional keselamatan yang elit.

"Ketika ketersambungan menjadi asas baharu masyarakat dan mendorong pelbagai manfaat, latihan dan pentauliahan keselamatan adalah penting disebabkan oleh peningkatan dalam aset digital serta jenayah siber.

"Selain kerjasama dengan UTP, kami secara aktif mengajak pihak industri dan awam memacu kesedaran mengenai isu-isu keselamatan siber melalui laman web kami di www.fortinet.com," katanya.

FNSA, yang dilancarkan tahun lepas, kini boleh didapati di 54 buah negara melalui 56 institusi akademik.

-- BERNAMA



UTP-Fortinet JV Aims To Produce 700 Cybersecurity Talent Annually

KUALA LUMPUR, April 11 (Bernama) -- A collaboration between Universiti Teknologi Petronas (UTP) and Fortinet, the global leader in high-performance cybersecurity solutions, is expected to produce 700 cybersecurity talent annually.

UTP Associate Professor Dr Ahmad Kamil Mahmood told Bernama the Fortinet Network Security Academy (FNSA) deployment at UTP is expected to produce 200 specialists each year, while UTP's re-collaboration with other academic institutions and under virtual instructor-led, is expected to groom another 500.

"The FNSA deployment at UTP will involve the Bachelor of Technology Business Information Systems and Information and Communication Technology majors, under the Network Security module, from May 2017.

"The module can be delivered as classroom instructor-led or virtual instructor-led," he said after the official partnership announcement here today.

Ahmad Kamil, who also the Dean of Faculty of Science and Information Technology at UTP said Malaysia is still short of security professionals, thus efforts need to be intensified to meet the government target.

The **Ministry of Science, Technology and Innovation's (Mosti)** agency, **CyberSecurity Malaysia**, has target to train and certify 10,000 cyber security professionals by 2020.

Mosti said it is vital to develop a strong pool of cyber security talent to build a dynamic cyber security eco-system that can support Malaysia's transformation into a high-income digital economy.

Fortinet's Network and Security Strategist for Asia Pacific Gavin Chow said UTP is the company's first education partner in Southeast Asia.

"The JV with UTP will build a workforce skilled in all aspects of Fortinet's network security platform that will be recognised in the industry among an elite group of security professionals.

"While connectivity is the new foundation of society and drives numerous benefits, the security certification and training is important due to increased digitised assets and rise of cybercrime.

"Beside the JV with UTP, we are actively engaging the industry and public to drive awareness on cybersecurity issues through our website, www.fortinet.com," he added.

FNSA, which was launched last year is now available in 54 countries at 56 academies.

-- BERNAMA



19 Top ECER Entrepreneurs Receive Awards From PM Najib

PUTRAJAYA, April 11 (Bernama) -- Prime Minister Datuk Seri Najib Tun Razak today presented Usahawan Gemilang Economic Entrepreneur ECER Awards to 19 entrepreneurs.

Najib, who is also Finance Minister, presented the awards comprising trophies and cheques worth RM5,000 and RM10,000 to the recipients as recognition for their contributions to the local residents.

The inaugural programme was held after Najib chaired the East Coast Economic Region Development Council (ECERDC) meeting at Perdana Putra Building here. Najib is Chairman of ECERDC.

According to ECERDC Chief Executive Officer Datuk Seri Jebasingam Issac John, the continuous socio-economic transformation in the ECER had created over 14,000 job opportunities and 24,000 new micro, small and medium entrepreneurs in the towns and rural areas.

"The entrepreneurs have created over 36,000 jobs for the people including in small towns, where the entrepreneurs are developed through human capital building programme and ECERDC investment efforts," he said in a statement here.

He said the ECER had succeeded in attracting RM101.4 billion in private investment, which contributed 92 per cent to the ECER investment target of RM110 billion by 2020.

"About 73 per cent of the jobs are for skilled workers including in technical and management sectors in Kelantan, Terengganu, Pahang and Mersing region in Johor," he said.

He added that the entrepreneurs' success were a testament to the government's efforts to empower the people in the ECER, especially among the Bottom 40 household income group.

"The public-private sector efforts are implemented with the cooperation of **SIRIM**, Agrobank and Maybank, which offer guidance and access to funding to the eligible ECER entrepreneurs.

To date, Agrobank and Maybank have provided financial assistance totalling RM188.5 million to 5,567 participants while the government supported by topping up the profit or

interest rate which amounted to RM30.6 million.

Meanwhile, the main award was won by Roslaimi Arifin, 48, from Kelantan on his dedication in transforming his business from a micro status to become an export-oriented company.

"I started Mitra Food Industries Sdn Bhd on a small-scale basis in 2006, and the company participated in the ECER-SIRIM entrepreneur programme in 2013 to capitalise on SIRIM's expertise in product packaging, labelling and certification.

"In two years, Mitra had succeeded in securing a contract to export products including Musang King White Coffee to Nanning, China and annual sales increased 133 per cent," he said.

Roslaimi said last year, Mitra recorded sales of RM4.2 million and the company expected to expand its coffee product to other parts of China, which has a huge market for durian-based products.

Another award recipient, Latif Nor Sohor, 40, from Pahang who lost his leg in an accident also received training and support to start a business producing "kuih bahulu".

"The assistance has helped change the quality of my livelihood and my family by generating our own income independently. Now, the business has achieved sales of RM180,000 annually," he said.

-- BERNAMA