

KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 30 JULAI 2017 (AHAD)

Bil	Tajuk	Akhbar
1	Industri berkaitan STEM digesa junjung aspirasi kerajaan	Bernama Online
2	Lynas wants Fuziah to apologies, retract statement on soil conditioner	The Star Online
3	A lifeline for alzheimer's patients	NewSundayTimes

BERITA ONLINE
TARIKH: 30 JULAI 2017 (AHAD)



<http://www.bernama.com/bernama/v8/bm/newsindex.php?id=1377167>

INDUSTRI BERKAITAN STEM DIGESA JUNJUNG ASPIRASI KERAJAAN

KUALA LUMPUR, 29 Julai (Bernama) -- Industri berkaitan sains, teknologi, kejuruteraan dan matematik (STEM) di Malaysia digesa menjunjung tinggi aspirasi kerajaan untuk melihat 60 peratus kanak-kanak dan golongan muda negara ini mengikuti pengajian dan terlibat dengan kerjaya berkaitan bidang itu demi masa depan negara yang lebih cerah.

Pengerusi National STEM Movement Prof Datuk Dr Noraini Idris berkata ketika ini, industri berkaitan STEM di Malaysia masih jauh ketinggalan berbanding negara lain, terutamanya Singapura, daripada segi penyediaan peluang bagi lepasan pengajian STEM dan pengiktirafan terhadap bakat mereka.

Sambil menyetujui andaian bahawa ramai lepasan pengajian STEM di Malaysia sukar mendapat pekerjaan diimpikan dan akhirnya berkerja di pejabat, Noraini berkata: "Industri (STEM) di Malaysia masih belum bersedia. Mereka perlu mempersiapkan diri untuk menerima para siswazah, bergerak seiring dengan aspirasi kerajaan dan bersikap lebih bersedia menerima STEM".

Beliau berkata demikian kepada Bernama selepas membuat pembentangan mengenai 'Inisiatif National STEM Untuk Mendorong Pembelajaran Sains dan Matematik' pada Forum STEM Mengenai Revolusi Industri Keempat di sini, hari ini.

Menurutnya pendidikan dan kerjaya bidang STEM adalah amat penting agar Malaysia lebih bersedia menghadapi masa depan, terutamanya berikutan kemunculan revolusi industri keempat, yang membawa kecederasan buatan, pengkomputeran awan dan analisis ramalan ke tempat kerja.

Bertemakan 'Kemunculan Revolusi Industri Ke-4 dan Kesannya Terhadap Laluan Kerjaya Masa Depan', forum itu dianjurkan bersama oleh Sekolah Kejuruteraan dan Teknologi Lanjutan (RSEAT) UTM, National STEM Movement dan Persatuan Kretiviti dan Inovasi Malaysia (MACRI).

Noraini, yang juga Timbalan Naib Canselor Penyelidikan dan Inovasi Universiti Pendidikan Sultan Idris, berkata berikutan kelembapan kemajuan STEM, National STEM Movement mengambil inisiatif mewujudkan program mentor-mentee untuk mendedahkan pelajar sekolah menengah kepada STEM.

"Program mentor-mentee ini dilaksanakan di bawah Strategi Lautan Biro

Kebangsaan antara Kementerian Pendidikan, Kementerian Pengajian Tinggi dan **Kementerian Sains, Teknologi dan Inovasi.**

"Kami memulakan program ini awal tahun lepas (2016) di Terengganu di mana ahli akademik (pemudah cara) dan pelajar universiti (mentor) dihantar ke sekolah menengah untuk membimbing pelajar melalui pendidikan dan kerjaya, bagi meningkatkan kesedaran,"katanya.

Pada 2014, Perdana Menteri Datuk Seri Najib Razak, ketika berucap melancarkan Global STEM Alliance di ibu pejabat Pertubuhan Bangsa Bersatu di New York, berkata Malaysia menyasarkan 60 peratus daripada kanak-kanak dan golongan mudanya mengikuti pendidikan dan kerjaya berkaitan STEM demi menjamin masa depan yang lebih cerah untuk negara ini.

Beliau berkata Malaysia berharap dapat mencapai nisbah 60:40 kanak-kanak yang meminati kerjaya berkaitan STEM dan pendidikan bukan berkaitan STEM.

-- BERNAMA

BERITA ONLINE
TARIKH: 30 JULAI 2017 (AHAD)



<http://www.thestar.com.my/news/nation/2017/07/29/lynas-on-fuziah-statement/#d2PirU5YSFS1oABc.99>

LYNAS WANTS FUZIAH TO APOLOGISE, RETRACT STATEMENT ON SOIL CONDITIONER

KUANTAN: Rare earth refiner Lynas Corporation has issued a letter demanding PKR's Kuantan MP Fuziah Salleh retract and apologise over her statements about the company's CondiSoil product.

Lynas' general counsel and company secretary Andrew Arnold said the statements in a local Malay daily were false and defamatory.

The company took issue with Fuziah saying the company's chief executive officer Amanda Lacaze lied when she produced a statement that the company's soil conditioner product had been approved by Sirim.

Fuziah had also reportedly said that Lynas was irresponsible and untrustworthy.

Fuziah issued her statements after **Science, Technology and Innovation Minister Datuk Seri Wilfred Madius Tangau** said in the Dewan Rakyat that Sirim had yet to give the green light for CondiSoil and a final report would only be completed by the end of August.

Wilfred also said Lynas had jumped the gun in stating that the product's safety had been confirmed.

However, Lynas later clarified that Sirim confirmed the safety of the CondiSoil formulation that was used in pilot field trials and it was that formulation for which Lynas was now seeking Department of Environment approval and Department of Agriculture registration.

"In 2017, Lynas also submitted to Sirim a new variation of CondiSoil that Lynas may use for future research. Sirim's results regarding that new variation are expected in August 2017.

"That factual position is entirely consistent with the statements in Lynas' media releases dated July 18 and July 27," said Arnold in the letter.

Arnold requested that Fuziah confirm within 24 hours after receipt of his letter whether the statements attributed to Fuziah were actually made by her.

Fuziah said her lawyers were looking into the letter and would reply in due time.

She said her statements were based on what Wilfred had said in response to her questions in Parliament.

"We have tried numerous times to get Lynas to come engage the public in a forum and they have declined every time. Now, where else are we supposed to get answers other than asking the minister?" she said.

Meanwhile, Save Malaysia, Stop Lynas chairman Tan Bun Teet said he would not accept Lynas' position that it could recycle radioactive waste materials into the soil conditioner product CondiSoil.

"I don't think Lynas is capable of making radioactive materials disappear," he said.



TRACKER

A LIFELINE FOR ALZHEIMER'S PATIENTS

A state-of-the-art tracking system for Alzheimer's disease patients has been developed by the Science, Technology and Innovation Ministry. Now in its trial run, the programme aims to provide caregivers with an alternative method of monitoring their family members, writes **SUZANNA PILLAY**

TWO Alzheimer's disease (AD) patients made headlines this year when they went missing, forcing their worried family members to seek help from police and the public.

In March, Lee Kong Hon, 71, from Kelana Jaya, was nowhere to be found after visiting Kuala Lumpur Hospital (HKL) with family members.

Three months later, another AD patient, Yacob Carlos Abdullah, 68, from Shah Alam, was reported missing after being spotted at a bus stop in Section 13, near a supermarket.

Data from the United Nations on the prevalence of AD over a projected population of more than 30 million Malaysians in 2030, indicates that an estimated 261,000 or more are expected to have AD.

From this figure, more than 60 per cent of AD patients wander off on their own.

If they are not found within 24 hours, up to half of them may be involved in life-threatening situations.

According to Alzheimer's Disease Foundation Malaysia (ADFM), AD occurs among those 65 or older. Above this age, a person's risk of developing AD doubles approximately every five years. It can occur in younger people.

As the number of people aged 65 and above will exceed 10 per cent of the population by 2020, more Malaysians are increasingly vulnerable to the disease.

Technological advancements developed at National Space Agency (Angkasa) hope to allay these fears and ensure AD patients are getting the care they need.

Angkasa's Tracking, Tracing and Trigger System (ATTracT)

Alzheimer Module is a prototype system developed to determine the location of a person with AD at all times.

Funded by the Science, Technology and Innovation Ministry's (MOSTI's) Social Innovation Programme, the project aims to benefit the AD community at the grassroots level by using space technology and global positioning system (GPS) technology.

Monitoring the movement and improving the safety of people with AD were what catalysed ATTracT, said Angkasa research officer, Ooi Wei Han.

It aims to provide caregivers with an alternative method of monitoring AD patients, indoors and outdoors.

It seeks to improve the safety of people living with AD by reducing the risk of them getting lost and hurt in the process.

"The movements of senior citizens with AD will be monitored via ATTracT by a wristwatch enabled with satellite technology, SOS and virtual boundary control.

"The system also integrates Wi-Fi network capability to complement GPS, which will be useful



It's a thumbs up for the ATTracT system from Carlo Pangrazio and his wife, Mabel Gong.

when the GPS signal is weak or unavailable in an indoor environment," Ooi added.

The watch is to be worn by AD patients. The guardian or caregiver can track and monitor patients in real-time via smart devices.

The device will transmit the location of AD patients to caregivers every two to four minutes. Like smartphone devices, the device needs to be charged every one to two days.

The tracking system supports only Android mobile phones and works in all areas under telco coverage.

An alert will be sent to the guardian's smart devices (up to four devices), which store the history of the AD patient's movements in case he crosses the virtual boundary during monitoring.

Beside the mobile device, a real-time monitoring system is set up in caregiver centres to monitor all users' movements under their supervision.

The information and movements will be stored in a dedi-

"Angkasa is collaborating with ADFM for this purpose. If it is a success, the device will be made available to caregivers in Malaysia at between RM200 and RM300.

"Angkasa will most likely appoint a third party to distribute the system here," Ooi added.

AD patient Carlo Pangrazio, who is participating in the pilot trial, said the ATTracT device enabled him to be independent.

His wife, Mabel Gong, said the technology allowed her to keep track of Pangrazio's whereabouts in real-time while she was at work.

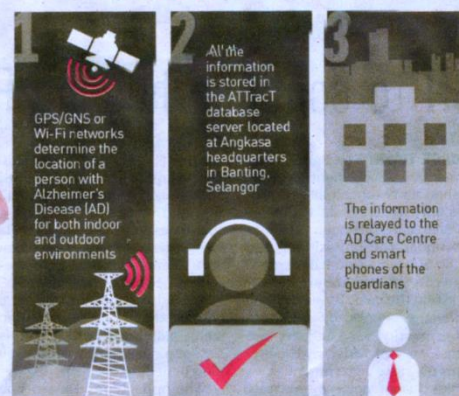
"I like the function where I can set a virtual boundary. If he steps out of the boundary, I get an alert on my phone. Now, with this device, he knows if he gets lost, he should stay where he is and wait for someone to come get him."

FEATURES OF ATTracT

- Real-time location tracking for indoor and outdoor environment
- Movement zone/virtual boundary set up and time activation
- SMS alerts (up to 4 smart devices)
- History of movements once AD patient/user crosses the virtual boundary
- Monitoring system set up in AD care centre for observing user movements

INFOGRAPHIC NST

HOW ATTracT WORKS



INFOGRAPHIC NST



Ooi Wei Han with the ATTracT watches.