

**KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 25 JUN 2015 (KHAMIS)**

Bil	Tajuk	Akhbar
1.	Arahan kosongkan tingkat tiga sekolah	Berita Harian
2.	Kit Perlindungan Lengkap Denggi diedar mulai Julai	Berita Harian
3.	Technologist makes history	The Star
4.	Negara tidak akan alami suhu panas 40 darjah celcius	Utusan Malaysia
5.	Dry spell in Sabah and Sarawak	The Star
6.	Amaran angin kencang dan laut bergelora	BERNAMA

Arahan kosongkan tingkat tiga sekolah

» *Tindakan bagi tujuan keselamatan di SMKA Mohamad Ali*

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Jabatan Pendidikan Sabah mengarahkan tingkat tiga bangunan Sekolah Menengah Kebangsaan Agama (SMKA) Mohamad Ali di Ranau dikosongkan bagi tujuan keselamatan, susulan kejadian siling runtuh di pusat sumbernya kelmarin.

Pengarahnya, Datuk Jame Alip, berkata pemeriksaan mendapati kerosakan dialami pusat sumber terbabit, sejurus gempa bumi pada magnitud 3.3 pada skala Richter yang berpusat di Ranau kelmarin, hanya membabitkan bahagian struktur utamanya.

"Namun, tindakan mengosongkan tingkat tiga tetap dilakukan atas faktor keselamatan. Selain SMKA Mohamad Ali, saya tidak menerima laporan kerosakan di sekolah lain yang disebabkan oleh gempa bumi," katanya ketika dihubungi BH, semalam.

Belajar seperti biasa

Jame berkata, sesi pembelajaran di sekolah itu berjalan seperti biasa, namun Pejabat

Pendidikan Daerah dan pihak sekolah diarah sentiasa memastikan pelajar dalam keadaan selamat.

Kelmarin, siling pusat sumber sekolah itu runtuh, lima minit selepas gegaran lemah bermagnitud 3.3 pada skala Richter pada jam 10.54 pagi, namun tiada kecederaan dilaporkan kerana kemudahan itu ditutup sejak 5 Jun lalu susulan kerosakan akibat gempa bumi.

Sementara itu, Ketua Balai Bomba dan Penyelamat Ranau, Jimmy Lagon, meminta penduduk sekitar Ranau sentiasa berwaspada dan bersedia menghadapi sebarang kemungkinan gempa bumi susulan di daerah itu.



Bangunan dinaik taraf

Di Kuala Lumpur, Menteri Kerja Raya, Datuk Seri Fadillah Yusof (**gambar**), berkata pihaknya sedang mengenal pasti bangunan berisiko tinggi sekiranya dilanda gempa bumi susulan yang akan dinaik taraf menggunakan teknologi galas getah seismik bagi meningkatkan daya tahannya terhadap gegaran.

"Teknologi ini digunakan dalam projek pembinaan Jambatan Kedua Pulau Pinang dan ia berupaya menyerap gegaran sehingga magnitud 8 pada skala Richter. Kementerian saya akan berbincang dengan Kementerian Sains, Teknologi dan Inovasi untuk menggunakan teknologi sama terhadap bangunan berisiko tinggi di Sabah," katanya.



Kit Perlindungan Lengkap Denggi diedar mulai Julai



Kuala Lumpur: Kit Perlindungan Lengkap Denggi akan diedarkan di Selangor, Kuala Lumpur dan Johor mulai Julai ini, boleh mengurangkan sehingga 30 peratus penularan wabak denggi di tiga negeri terbabit dalam enam bulan.

Pegawai Penyelidik EntoGenex Industries, Saiful Azlan Nordin, berkata kit itu bukan sekadar memiliki kelengkapan menghapuskan nyamuk aedes

dan jentik-jentik, malah memberi pendidikan kepada masyarakat mengenai cara mengawal pembiakan nyamuk.

Mengandungi 4 komponen

Katanya, kit itu mengandungi empat komponen iaitu 'Aedes Larvae Ovitrap' (ALOT), Mousticide iaitu ubat membunuh jentik-jentik (30 gram), losyen pelindung gigitan nyamuk (500 mililiter) serta bahan pendidikan pencegahan pembiakan nyamuk aedes kepada orang dewasa dan kanak-kanak.

"ALOT bertindak sebagai komponen utama dengan fungsinya memerangkap nyamuk betina dewasa bertelur di dalamnya, dan jentik-jentik yang terhasil akan dibunuh dengan Mousticide yang diletakkan bersama.

"Kit ini akan diberikan se-

banyak satu unit bagi setiap rumah dan tertumpu ke arah menghapuskan nyamuk di peringkat jentik-jentik, selain sebagai pelengkap kepada ini-

“

ALOT bertindak sebagai komponen utama dengan fungsi perangkap nyamuk betina dewasa bertelur di dalamnya akan dibunuh dengan Mousticide yang diletakkan bersama”

Saiful Azlan Nordin,
Pegawai Penyelidik
EntoGenex Industries

siatif lain yang dilaksanakan kerajaan.

Program perintis

"Ini adalah program perintis di mana keberkesannya akan dikaji dan diteliti dalam tempoh enam bulan sebelum memutuskan untuk meluaskan pasarannya ke negeri lain dan luar negara menerusi kaedah antara kerajaan dengan kerajaan (G2G)," katanya ketika dihubungi BH, semalam.

Kementerian Sains, Teknologi dan Inovasi (MOSTI) mengemukakan sebanyak 100,000 Kit Perlindungan Lengkap Denggi akan diedarkan di tiga negeri bulan depan di bawah program Komuniti Bebas Denggi.

Ia adalah antara usaha terbaru kerajaan bagi menangani penularan wabak denggi yang berterusan meningkat setiap tahun sehingga mencapai ke tahap membimbangkan.

Saiful Azlan berkata, semua komponen di dalam kit ini adalah hasil produk tempatan, khususnya Mousticide dan losyen dibangunkan oleh Universiti Kebangsaan Malaysia (UKM) hasil dana pembangunan diberikan MOSTI.

KERATAN AKHBAR
THE STAR (HIGHER EDU) : MUKA SURAT 16
TARIKH : 25 JUN 2015 (KHAMIS)

Technologist makes history

ADZ Jamros Jamali made Universiti Teknologi Petronas (UTP) proud when he walked away with the National Technologist Award 2015 early this month.

His achievement is a double triumph as not only did he win, he was also the first-ever technologist to clinch this award for UTP.

The National Technologist Award is an annual award given by the Science, Technology and Innovation Ministry to recognise the achievements of technologists and laboratory assistants in science and technology research work. Carrying a certification and a RM10,000 prize, its goal is to encourage creativity and

excellence towards the advancement of science and technology in Malaysia.

Adz received commendation for his work in his creation of a lightweight and compact antenna, known as the Cylindrical Dielectric Resonator Antenna Array 802.11a WiFi Application. With a high performance capacity, easier application and portability features, it is ideal for contemporary communication devices.

This design, small and compact as it is, is better in performance in terms of gain, low loss and bandwidth comparable to the commercialised ones that are used today. With these

This was something that required advance knowledge in the field of antennas, RF and microwaves, and for this research, as with any other research, it called for concentrated and dedicated work.

- Adz Jamros Jamali

characteristics, it has a wide coverage capacity of up to 3.8km and a higher data capacity for WLAN use. Other attractive and beneficial features are its low production cost and radiation pattern which is configurable via its design.

As far as innovation and design goes, new breakthroughs especially for the ICT industry, are always welcome and valued. The newly designed antenna has considerable potential to play a significant role in modern consumer communications. With its handy size of just 30mm x 40mm, it has the potential to take the market by storm.

Although not quite ready for commercialisation just yet, there are already parties who are interested to take this new invention further.

Adz is a staff member of UTP Laboratory Facilities Services Department and has been serving the university's Department of Electrical and Electronics Engineering for the past 10 years.

As a technologist, his primary role is to assist and consult any research and project related to radio frequency (RF) and microwave fields. He is also actively involved with research works in electrical vehicles.

Two years worth of hard work and intensive research went into the making of the Cylindrical Dielectric Resonator Antenna Array.

"This was something that required advance knowledge in the field of antennas, RF and microwaves, and for this research, as with any other research, it called for concentrated and dedicated work," Adz said.

For this particular research

work, Adz was primarily in charge of experiments setup, measurements, data collection and analysis, and also collaboration with the researcher and research scientists involved to enhance the prototype.

Graciously sharing the credit, Adz acknowledges that the research and laboratory facilities in UTP played a major role in his work.

The research environment and the culture of innovation and creativity in the institution is very much geared toward new findings and breakthrough inventions.

He added that this research was a team effort, and credited the academic staff and his colleagues at UTP for their assistance. They are Associate Professor Ir Dr Zuhairi Baharudin, Associate Professor Dr Mohd Haris Md Khir, Mohd Azman Zakariya, Noor Azwan Ahmad and Mohd Hasrul Firdaus Rostam.

"The management has also been very encouraging and supportive and it would not have been possible without all these supporting factors and features," Adz said.

Adz is committed in his pursuit of further knowledge, not only to develop himself and advance his career, but to also contribute towards the development and improvement of products for society. He is also committed towards contributing to UTP's goal to become an internationally recognised research university.

His next goal?

"Perhaps the National Young Scientist Award," he said.

■ Look out for the advertisement in this *StarSpecial*.

