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Advertorial

UNITEN: Committed In Becoming the Globally Competitive, Energy-Focused University

Building Opportunities, Living Dreams 2025 (BOLD2025)

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UNIVERSITI Tenaga Nasional (UNITEN) is one of the first private universities in Malaysia and is wholly-owned by the public-listed Tenaga Nasional Berhad (TNB), one of the largest utility companies in South-East Asia.

As part of its transformation initiatives, UNITEN has developed a strategic plan known as "Building Opportunities, Living Dreams 2025" (BOLD2025). UNITEN's aspiration under BOLD2025 is to be a globally competitive, energy focused university by 2025.

A handsome budget of RM258 million was allocated for year 2017 and 2018, by TNB under the BOLD2025, to be used for the betterment of UNITEN. "More than 50 percent of the total amount from the BOLD2025 budget are to be used for the purpose of developing research in UNITEN. This includes the development of open research laboratories that is expected to be completed by year 2020," said UNITEN Vice Chancellor, YBhg Dato' Prof. Ir. Dr. Kamal Nasharuddin Mustapha.

To encourage UNITEN's researchers in producing high impact research outcomes, a number of new initiatives were introduced, which include Post-Graduate Scholarships, Post-Doctoral Researchers Scheme, Research Incentives, various research grants and development of various systems.

Contributing To Society Through World-Class Research

"By applying the knowledge we accumulated for the past 20 years, we are capable of becoming the world-class university that we aspire to be. Most importantly, by encouraging innovative research, we are committed to overcoming challenges faced by the society," says YBhg Datin Prof. Ir. Dr. Lariyah Mohd Sidek, the Assistant Vice Chancellor (Research), UNITEN. "Since our establishment in 1997, UNITEN has always been striving to advance knowledge and learning experience through research and innovation that will best serve human society and our parent company, TNB."

UNITEN's effort in developing high impact translational research outcomes is spearheaded by its 5 Research Institutes, namely Institute of Power Engineering (IPE), Institute of Sustainable Energy (ISE), Institute of Energy, Policy & Research (IEPR), Institute of Informatics & Computing in Energy (IICE) and Institute of Energy Infrastructure (IEI).

Our Research Breaks New Ground Every Day

A world class, high impact research outcome is never a work of an individual researcher and requires various contributing aspects such as conducive research environment, proper funding, strong support system as well as immense passion and dedication. In UNITEN, resources are shared, facilities are developed and partnerships are established to ensure that growth and success are achieved together.

UNITEN launched its very own 2016-2020 Research Roadmap early last year to provide clear direction, not only to UNITEN researchers, but to the rest of the staff.



Big win: UNITEN recently won 14 gold, 20 silver and 3 bronze medals at ITEX '18

The UNITEN Research Hub was launched late last month, to commemorate the emergence of several research entities into one unified hub.

"I believe that with almost 1000 staff in UNITEN, half of which are avid researchers, there is nothing we can't achieve once we put our minds and energy into it. It is our time to shine and prove to the world that UNITEN researchers are of world standard and we are capable to compete with other renowned research universities," says Datin Prof Ir Dr Lariyah.

She added, "we value every contribution from our researchers and administrative staff and we encourage the development of new ideas. This way, UNITEN are constantly breaking new grounds in the form of high impact publications, producing high quality Principal Investigator as well as highly commercialised products".

Industry Linkages

Universities are capable to play an important role in helping the government and major corporations by being their think-tank for them to make informed decisions on matters crucial for the nation. One way to achieve this is by awarding prominent professors a chair position, to be part of the organisation.

UNITEN Chair in Energy Economics, Prof Ken Koyama, who is also the Chief Economist of Institute of Energy Economics Japan, has played an important role in providing invaluable guidance and networking, connecting UNITEN with the rest of the energy economics key players from all over the world.

With strong support from TNB, the Energy Commission and the Ministry of Energy, Green Technology and Water, the UNITEN Chair in Energy Economics is to focus on areas including directed research, capacity building, fellowship programmes and sharing of industrial experiences.

Being the only national energy university, UNITEN is focused to developing energy related sectors, including Renewable Energy. Hence, the AAIIBE Chair for Renewable Energy at UNITEN, awarded to Prof Ir Dr Abd Halim Shamsuddin, The chair position, funded by Akaun Amanah Industri Bekalan Elektrik (AAIIBE) is to spearhead research at an internationally-recognised level, in

substantial area of Renewable Energy, to strategize and formulate niche research and technical programmes in ensuring that our research institutes become world class Centres of Excellence.

Most importantly, the chairs are entrusted to mentor the young aspiring academics, researchers and graduate students to becoming experts in the energy economics and global renewable energy arena, as well as inspire them to contribute back to the community.

■ For more information, visit www.uniten.edu.my or follow us at www.facebook.com/unitenresearchexcellence



UNITEN'S 2018 MAJOR ACHIEVEMENTS

THE ASIA PACIFIC UNIVERSITY RANKINGS 2018
171 IN ASIA
13 IN SOUTH EAST ASIA
7 IN MALAYSIA

THE WORLD UNIVERSITY RANKINGS 2018
601-1,000
8 IN MALAYSIA

QS ASIAN UNIVERSITY RANKINGS 2018
243 IN ASIA
MALAYSIA
RANKING WEB OF UNIVERSITIES
1 IN MALAYSIA

QS WORLD UNIVERSITY RANKINGS 2018
255 IN THE WORLD
74 IN ASIA
13 IN SOUTH EAST ASIA
8 IN MALAYSIA

MyRA
MALAYSIA RESEARCH ASSESSMENT
★★★★

95%
EMPLOYABILITY RATE 2017