

Headline	Leader in power energy research		
MediaTitle	The Star		
Date	18 Jun 2019	Language	English
Circulation	175,986	Readership	527,958
Section	StarSpecial	Page No	A4
ArticleSize	245 cm <sup>2</sup>	Journalist	N/A
PR Value	RM 36,990		



# Leader in power energy research

DESPITE its humble beginning as a small research laboratory, UM Power Energy Dedicated Advanced Centre (UMPEDAC) rose through the ranks to emerge as a nationally acclaimed Higher Institution Centre of Excellence in Engineering Research Cluster in 2009.

Realising the importance of power energy research as a catalyst of growth for the nation, UMPEDAC has set power energy as its main niche with the long-term goal of empowering Malaysia with the capability to become a leader in power energy nationally and regionally. Founded by Prof Dr Nasrudin Abd Rahim, UMPEDAC maintains its core focus in human capital development by offering postgraduate programmes, continuous professional development courses in engineering skills, and specialised facilities for research in solar energy.

The Master of Renewable Energy was designed to produce experts in the field of renewable energy among local and international students. This programme provides professionals and graduate students with advanced understanding in various core applications in renewable energy technology and management.

The Master of Renewable Energy is a complementary programme for the Master of Energy Science offered with Kyoto University, Japan, under the University of Malaya-Kyoto University Double Degree Memorandum of Agreement that was officiated on Aug 16, 2008.

Besides that, UMPEDAC also offers the Master of Power System Engineering programme. This programme was designed to develop professionals who are highly



competent in creating new ideas and solutions, making sound decisions, advancing knowledge through research and becoming leaders in the electrical power industry.

Under this programme, students will be exposed to the latest equipment, tools and technologies to help them build a strong understanding of the principles and techniques of electrical power engineering. In addition, students are given opportunities to observe real-world applications and best practices during industry-relevant field trips to various advanced institutions and establishments around the world.

Other than that, University of Malaya offers the Doctor of Philosophy and Master of Research programmes, which cover renewable energy, smart power conversion systems, smart grid systems, energy-efficient systems, smart transportation systems, power quality and system protection as well as automation and control.

■ For more information, call 03-2246 3246, email [umpedac@um.edu.my](mailto:umpedac@um.edu.my) or visit [www.umpedac.um.edu.my](http://www.umpedac.um.edu.my)