MoU/MoA

# UMP collaborates with NanoMalaysia Berhad in BICEP Research Project

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BANGI, 9 September 2022 – Universiti Malaysia Pahang (UMP) signed a memorandum of understanding (MoU) with NanoMalaysia Berhad (NMB) to carry out the Biomass Innovation Circular Economy Programme (BICEP) research project.

The project will use biomass waste from agricultural activities in Malaysia to produce high quality advanced materials and products that have various benefits, such as advanced materials like graphene, nanocellulose and nanosilica, that can be used in the internet of things (IoT) devices, electric vehicle (EV) components and fuels for renewable energy such as hydrogen.

In this ceremony, the Director of the National Nanotechnology Centre, Ministry of Science, Technology and Innovation, Associate Professor Dr. Ruslinda A. Rahim, exchanged MoU documents with the Deputy Vice-Chancellor (Research and Innovation), Professor Ts. Dr. Kamal Zuhairi Zamli, witnessed by the Minister of Science, Technology and Innovation, Dato' Sri Dr. Adham Baba.

According to Professor Ts. Dr. Kamal, this initiative aligns with the UMP Strategic Plan 2021-2025 (UMP25) towards university excellence involving offering academic programmes, leveraging the latest technology, exploring new technologies, financial and administrative management, and internationalisation and entrepreneurship.

"This collaboration aligns with UMP's interest to produce impactful research and competent graduates to meet the needs of the industry," he said.

This collaboration also involves NMB in research, technical expertise sharing, training and consultancy involving various aspects of industrial relationships.

Also held were the Closing Ceremony of the NanoKEB Event organised by NMB and the National Nanotechnology Centre (NNC) 2022 and the launch of the Malaysia Nanotechnology Industrial Group (MNIG) under the Ministry of Science, Technology and Innovation (MOSTI).

The National Level Research Project Innovation Competition 2022 for the Doctor of Philosophy Category was won by Nur Amalina Ramli from the Faculty of Chemical and Process Engineering Technology (FTKKP) under the supervision of Associate Professor Dr. Fatmawati Adam.

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