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[Ts. Dr. Khairil Azman produces NanoPearl to increase bitumen capacity for road](#)

7 May 2021

GAMBANG, 6 May 2021 - A Kuching-born lecturer, Ts. Dr. Khairil Azman Masri, 33, has developed a NanoPearl Modified Asphalt Binder, which is a product based on nanomaterials and bitumen to increase the capacity of bitumen.

According to the lecturer from the College of Engineering (KKEJ), Universiti Malaysia Perlis, the NanoPearl particles, with the size of 10 to 15 nanometers are used as a mixture in bitumen.

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