



# MUCET 2012

*UMP participants posing after the closing session of MUCET 2012.*

BY: NOOR SYAHIDAH SABRAN

The full list of UMP winners in MUCET 2012 is as below:

Malaysian Technical Universities Conference on Engineering & Technology (MUCET 2012) was held from November 20-21, 2012, at Seri Malaysia Hotel, Kangar, Perlis.

The conference, held among MTUN universities for the sixth time, was organised by Universiti Malaysia Perlis (UNIMAP). The theme was 'Transforming Innovative Minds' with 130 working papers divided into six categories presented.

UMP submitted 27 working papers under these categories – Chemical and Civil Engineering, Electrical and Electronic Engineering, Mechanical Engineering and Manufacturing, and Science and Technology Management.

The two-day MUCET 2012 was officially opened by Universiti Malaysia Perlis (UNIMAP) Vice Chancellor Brig. Jen. Dato' Prof. Dr. Kamarudin Hussin. The conference also awarded best working paper presented in the event.

UMP collected two gold medals, two silver medals, one industrial prize. One of the working papers was also announced as the best working paper in MUCET.

- **The best working paper in MUCET 2012**

Title: Nano Engineering of Aligning Cibacron Brilliant Yellow Using Light: Application in Flexible Displays by Dr. Gurumurthy Hedge (Faculty of Industrial Science & Technology)

- **Gold Awards**

1) Category: Chemical and Civil Engineering

Title: Biodiesel Production from Rubber Seed Oil Using Activated Cement Clinker as Catalyst by Dr. Jolius Gim bun (Faculty of Chemical & Natural Resources Engineering)

2) Category: Science

Title: Nano Engineering of Aligning Cibacron Brilliant Yellow Using Light : Application in Flexible Displays by Dr. Gurumurthy Hedge (Faculty of Industrial Science & Technology)

- **Industrial Prize**

Category: Chemical and Civil Engineering

Title: Influence of Sample Preparation and Extraction Time on Chemical Composition of Steam Distillation Derived Patchouli Oil by Asdarina Yahya (Department of Research & Innovation)

- **Silver Awards**

1) Category: Electrical and Electronic Engineering

Title: EKF – Slam Statistical Bounds Considering Intermittent Measurement by Dr. Hamzah Ahmad (Faculty of Electrical & Electronics Engineering)

2) **Category: Science**

Title: Characterization of Modified Cellulose (MC)/POLY(VINYL) Electrospun Nanofibers for Bone Tissue Engineering by Sughandha Chahal (Faculty of Industrial Science & Technology)