



17th International Invention, Innovation, Industrial Design and Technology Exhibition (ITEX 2006)

At the recent 17th International Invention, Innovation, Industrial Design and Technology Exhibition (ITEX 2006), KUKUM garnered 16 awards from the 31 sent, comprising one gold, six silvers and nine bronzes. The three-day exhibition was held at Kuala Lumpur Convention Centre from 19th to 21st of May 2006.

This was the second participation by KUKUM, and it saw competitive inventions from countries such as Croatia, Belgium, Switzerland, Sri Lanka and many more. Hundreds of inventions were exhibited in ITEX 2006.

Assoc. Prof. Zaliman Sauli from the Microelectronic and Nanotechnology

Cluster, won gold medal with his invention entitled *'Design and Fabrication of MEMS Heatuator for Automotive Device Applications'*. It was the first attempt for the newly appointed dean.

The silver medals were distributed as follows: two from the Microelectronic and Nanotechnology Cluster, both by Assoc. Prof. Dr. Uda Hashim for projects entitled *'MOS Transistor Mask Design Using E-Beam Lithography'* and *'MOS Transistor (Fabricated Using In-House Low Cost Facilities)'*; two from the Sustainable Engineering Cluster, for inventions entitled *'KUKUM Impreg Wood'* by

Che Mohd Ruzaidi Ghazali and *'Recycled Aluminum Composite Pulley'* by Mazlee Mohd. Noor; Assoc. Prof. Dr. Kenneth Sundaraj from the Autonomous System and Machine Vision Cluster, won for his project, *'Arthroscopy Knee Reconstruction Using Virtual Reality Assisted Medical Robots'*; and finally, Khairul Nizar Ismail from the Sustainable Engineering Cluster, won for his invention entitled *'The Production of Lightweight Aggregates Using Fly Ash'*.

There were nine bronze medalists, of which, two came from Assoc. Prof. Zaliman Sauli and Assoc. Prof. Dr. Uda Hashim, Microelectronic and Nanotechnology Cluster; three from Assoc. Prof. Dr. Shamsul Baharin Jamaludin, Dr. Md Fazlul Bari and Mohd Mustafa Al Bakri Abdullah, Sustainable Engineering Cluster; three from Prof. Dr. Ali Yeon Mohd Shakaff, Prof. Dr. Mohd Noor Ahmad and R. Charan, from Sensor Technology and Applications Cluster; and the one from Assoc. Prof. Dr Mohd Yusoff Mashor of the Autonomous System and Machine Vision Cluster.