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## HKRITA's Technology Application in Our Daily Life

The Hong Kong Research Institute of Textiles and Apparel (HKRITA) has taken part in the InnoCarnival on 3 – 11 November, 2012, showcasing a series of textiles technologies that are applicable in our daily life.

To introduce our research projects in a lively presentation, ten children put on mini samples applied with our research technologies during the opening ceremony of the carnival on 3 November 2012. These outfits show the technologies applicable to the needs of different sectors of the community. The uniforms of Fire Services Department made of proper functional fabric are suitable for the firemen when they undergo training and carry out operation. The cycling wears are able to fulfill the cyclist's requirements of thermal physiology, biomechanical physiology and protection and enhance athletes' performance. The motorcycle wears have struck a balance between comfortability and high protective performance. The blanket wrapping the baby by child paramedics is for phototherapy on neonatal jaundice. It provides a flexible whole body irradiation. Apart from functionality issue, HKRITA's projects also address the aesthetic needs of the fashion industry. The pattern in the denim wears of the cowboy and cowgirl were treated by ozone spray finishing. This discoloration treatment is an environmental method which will not generate pollution materials.

Various projects have been introduced in HKRITA's booth located in Red Zone. Two interactive games are tailor-made for this event to give a detailed and interesting demonstration to the visitors. One is a magic suit treated by shape memory polymer which is heat responsive and able to change shape accordingly. Another is a pseudo warehouse environment which allows the visitor to experience an efficient way of searching goods.

### HKRITA's booth in InnoCarnival

Location: A02-03, Ground Floor, Core Building 1 (Red Zone)

Opening hours: 3-9, 11/11: 10:00am – 7:00pm; 10/11: 10:00am – 7:30pm



Mr Edwin Keh, CEO of HKRITA, and the children in mini samples applied with HKRITA's technologies.

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