Award for Best Entrepreneurial Educator of the Year 2007

**Purpose**
To recognise the importance of education in the process of developing and nurturing entrepreneurs; and to showcase best practice in entrepreneurial education.

<table>
<thead>
<tr>
<th>WINNER</th>
</tr>
</thead>
</table>
| **Professor Archie Johnston**  
Dean, Faulty of Engineering, University of Technology, Sydney |

Professor Johnston commenced at UTS in 1999 as Dean of Engineering and his entrepreneurial approach has been applied in a range of areas including, teaching and learning, research and development, fundraising as well as industry engagement and global collaborations, and through these activities UTS:Engineering has thus become one of the most progressive and innovative in the world.

UTS:Engineering has developed many areas of innovative activity. At a strategic level the Faculty is sustained by its Industry Advisory Network – a group of leading Industry CEOs who strengthen its industry engagement. An example of their unique industry involvement is the multi-dimensional Partnership with Alcatel (Australia) that was launched in 2000 and provided critical postgraduate educational programs, corporate sponsorships, scholarships and internships, staff exchanges and workplace R&D. They were then invited by Alcatel (France) to enter their Global Research Partnership that currently involves nine leading Universities in the world. In another example, the Roads and Traffic Authority (RTA) supports 40 Rural Scholarships each valued at $54,000 and this $2.2m investment in UTS:Engineering is one of the largest made to undergraduate education in Australia.

Its award winning Bachelor of Engineering, Diploma in Engineering Practice program has students undertaking two six-month fully paid internships in industry. To supplement and enhance their learning the Faculty has established groundbreaking Remotely Accessible Laboratories that deliver web based real-time interactive laboratory experiences.

In Research and Development a stimulating environment has been established to deliver the successful commercialisation of Sensor Network, Timber Bridge Testing, and, Location of Mobile Phone technologies. The heart pump, VentrAssistTM, won the Engineers Australia Award for Excellence in Engineering Design. The device has now been successfully placed in 125 patients. Other UTS:Engineering research was spun out to AiMedics and it received a $2.7 million Government grant to develop HypoMon – a unique non-invasive hypoglycaemia monitor.

Their Global enterprises required entrepreneurial thinking to establish and successfully deliver transnational education in English (8 years) and Chinese (4 years) with the Hong Kong Management Association. These programs are delivered in Hong Kong and China and highlight the value of Australian innovative and entrepreneurial approaches to technical and management matters.

This year Professor Johnston was appointed to Chair the Board of the Centre for Leadership and Management (CELM). CELM was formed by Engineers Australia in 2002 as a strategic response to the complex and changing business environment in which engineers work.

Attracting women into Engineering is a major challenge for Universities. UTS:Engineering has made a major contribution in this area where their Women in Engineering Program is the longest running initiative of its kind in Australia. The program celebrated 25 years of existence in 2006.

21 November 2007