

Name: Srikanta

BANDYOPADHYAY

Introduce yourself in a brief paragraph:

Assoc Prof Sri Bandyopadhyay was recipient of Best Scientist Award from the Australian Defence Science & Technology Organisation (DSTO) Materials Research Lab Melbourne whilst he was employed there for 10 years.

Presently Sri is the Australian project manager of a \$1.5 M Australia – India DIISR – DST project on 'Nanocomposite materials for clean energy' involving six Australian and six Indian research academics. (These Australia - India AISRF projects – now totaling \$70 M and equivalent Indian Rupees, between 2007 – 2015) emerged after Sri's earlier initiatives in 2004 with then India's president Dr A P J Abdul Kalam – see picture below)

Sri has approximately 120 research journal papers / book chapters and another 100 international conference / research papers. He is the organiser and chair of five ACUN international composites and nanocomposites held at UNSW, starting 1998.

In 2004 Sri very closely interacted with Institution of Engineers India to help organise their First Nanomaterials Conference in India; During 2006 – 2008 Sri assisted tertiary engineering institutes in the state of Gujarat develop their nanotechnology curriculum and research – in association with LDPE Institute's Prof Jiten Patel and other academics.

Sri and his research team have now excelled in utilizing fly ash (residue from thermal power plant coal burn-outs) as a strengthening and toughening system for commercial polymers; He also developed a technique to modify colour of fly ash from grey black to near white. Sri has been closely interacting with Cement Australia in advancing that research. An Australian standard patent is now filed effective March 2009.

Sri Bandyopadhyay is by invitation a) Member, American Chemical Society, b) Member, Society of Plastics Engineers, USA. Earlier Sri was awarded Fellowship of the Institution of Engineers Australia, and Corporate Membership, Royal Australian Chemical Institute.

Since 1990 Prof Sri Bandyopadhyay has been developing productive research and interaction with Indian Institutions such as IITKgp, BESU, MGU, IITM, IITK, IITR, SINP, IACS, ATIRA, LDRP, and latest CIPET Corporate