

TALK ON “HEALTHCARE ENGINEERING – OPTIMIZING THE HEALTHCARE DELIVERY THROUGH INTERDISCIPLINARY TECHNOLOGY INTEGRATION”

Organised by the Engineering Education Technical Division, IEM

in collaboration with

Engineers Australia Malaysia Chapter (EAMC), and Institute of Mechanical Engineers Malaysia Branch (IMechE)

BEM Approved CPD/PDP: 2 hours

Ref No: IEM17/HQ/392/T

Date : **29 November 2017 (Wednesday)**
Time : **5.30 p.m. – 7.30 p.m.**
Venue : **C&S and TUS Lecturer Room,
2nd Floor, Wisma IEM, Petaling Jaya, Selangor**
Speaker : **DR. KALAIVANI CHELLAPAN**

SYNOPSIS

Healthcare Engineering is engineering techniques integration in all aspects of the prevention, diagnosis, treatment, and management of illness, as well as the preservation and improvement of physical and mental health and well-being, through the services offered to humans by the medical and allied health professions. Interdisciplinary technology integration approach focuses on dual goals of cost-effective delivery and better patient outcomes. At the core of these two emerging concepts is a new emphasis on encouraging physicians, hospitals, and other health care stakeholders to work more closely together to better coordinate patient care through integrated goals and data sharing and to create team-based approaches that give a greater role to patients in health care decision-making through technology integration. This approach aims to achieve better health outcomes at lower cost.

SPEAKER BIODATA



Kalaivani Chellapan received her Bachelor Degree in Electrical & Electronics Engineering from Universiti Sains Malaysia in 1995. After completed her three (3) years working experience with Esso Production Inc. M'sia, she decided to pursue her career in private education industry and pursued MSc in Computer Science and PhD in Biomedical Engineering at the Universiti Kebangsaan Malaysia and completed her study in 2001 and 2009. She is currently a senior lecturer in the Department of Electrical, Electronic and Systems Engineering at Universiti Kebangsaan Malaysia, a member of IEM, and a member of IEEE.

Ir. PROF. DR. MANDEEP SINGH
Chairman,
Engineering Education Technical Division (E2TD)
Session 2017 / 2018

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

Members

Registration Fee :	FOC
Administrative Fee :	
<u>Online</u>	RM15
<u>Walk In</u>	RM20

Non-Members

Registration Fee :	RM50
Administrative Fee :	RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- **To secure your seat, kindly register online at www.myiem.org.my**

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