



The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan

Tel: 03-79684001/2 Fax: 03-79577678 E-mail: sec@iem.org.my

IEM Homepage: <http://www.myiem.org.my>

Talk On

“Career Opportunities in the Nuclear Industry

Nuclear Education & Training Best Practices -The Experience of the UK and France”

(Jointly Organized by Nuclear Sub-Group of Consulting Engineering Special Interest Group)

BEM Approved CPD/PDP Hours: 2 Ref No: IEM15/HQ/200/T

Date : 4th July 2015 (Saturday)
Time : 9 - 11am (*Refreshment will be served 8.00 am*)
Venue : Auditorium Prof. Chin Fung Kee, 3rd Floor, Wisma IEM
Speakers: Sheriffah Noor Khamseah Al-Idid binti Dato Syed Ahmad Idid &
Ir. S. Vignaeswaran CPEng (Aust.) RPEQ (Aust.) P.E. (M[']sia)

SYNOPSIS

Presently, as of 15 April 2015, there are 443 operational reactors in 30 countries with an installed electric net capacity of about 381 GW. These plants are delivering cost competitive electricity to consumers, creating significant job, investment and business opportunities, supporting enterprises, contributing significantly to these nations economic growth. Several key factors including diversifying energy sources for enhancing energy security and initiatives to reduce carbon emission, amongst others have put nuclear back on the political, business and social agenda of many nations.

Currently 15 countries are constructing 66 nuclear power plants with an installed capacity of 64. More than one hundred nuclear power plants are being planned, including that by Vietnam, Thailand and Indonesia. This creates a need for a large number of skilled and competent manpower to support nuclear power programmes (NNP) across the globe

In view that skilled and competent manpower in the whole value chain of the nuclear industry is fundamental to ensure a safe and effective introduction/ implementation of a Nuclear Power Programme (NPP), this presentation aims to provide an overview of the Career Opportunities in the Nuclear Industry and Nuclear Education & Training showcasing the Experience of countries like the UK and France.

BIODATA OF SPEAKERS

Ms Sheriffah Noor Khamseah Al-Idid, an Innovation and Nuclear Advocate, received B.Sc. (Hons) and Master's degree majoring in Physics from Imperial College, University of London, UK. She has served as Special Officer to the Science Advisor to Malaysia's 4th Prime Minister and was instrumental in supporting the Science Advisor (Tan Sri Omar Abdul Rahman) in developing strategies and plans to promote high-tech businesses and high-tech financing.

Ms Sheriffah's commitment for promoting Nuclear Education and Training is widely recognized. She has been invited by the International Atomic Energy Agency (IAEA), based in Vienna as Consultant to advise the Agency on Cooperation in Nuclear HRD between countries advanced in Nuclear Power Programme (NPP) and countries embarking in NPP. Ms Sheriffah was instrumental in recommending to and contributing ideas and strategy to the National Skills Academy-Nuclear (NSAN) in the United Kingdom in the preparation of the UK Nuclear Education, Skills and Training Directory. Additionally Ms Sheriffah is also active in delivering presentations on Career Opportunities for Scientists, Engineers and Technicians in the Nuclear Industry for various stakeholders.

Ir. S. Vignaeswaran has a wide area of experience in the Oil & Gas, Building Services, Utility, and Mining electrical engineering. He has worked overseas in a USD 3 billion-dollar Saudi Arabian Kind Saud University project. He has a passion for cross-discipline applications, automation, advanced information systems and project management. His recent involvement in the nuclear industry and the setting up of the Nuclear sub-group within IEM is to complement and supplement, any and all ambitions to bring about the establishment of the first Malaysian Nuclear power plant. In that endeavour, he hopes to highlight the necessary mechanisms that must be in place in order to support the nuclear industry from the education and training perspective.

Ir. Yim Hon Wa,
Chairman
Consulting Engineering Special Interest Group, IEM

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). Telephone and/or fax reservation will NOT be entertained.
- **Nonmembers may also attend the talk but will need to pay a registration fee of RM50 and an administrative fee of RM15. GST is inclusive.**
- **For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at www.myiem.org.my under International/MoU.**
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
- ***IEM members who fail to produce their membership cards will be charged a fee of RM25.00. GST is inclusive.***

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

CPD HOURS CONFIRMATION

Name:

Membership No:

Signature: