



FMM INSTITUTE

FMM Certificate in Energy Management

Panel of Trainers

Ir. Harpajan Singh Seera graduated from University of Nottingham United Kingdom in Master of Engineering with Distinction. He also obtained a Diploma in Engineering with First Class (Electrical) from Universiti Teknologi Malaysia, Kuala Lumpur and Certificate in Engineering (Electrical) from Polytechnic Ungku Omar, Ipoh.

He was the Technical Lecturer and Head of Electrical Power Unit, with Department of Electrical Engineering at Polytechnic Seberang Perai and later joined a college in Seberang Perai as the Principal. Currently, Ir. H.S Seera is a lecturer of a higher learning institution in Penang. He also lectures on a part time basis on Electrical Technology & Power Electronic at Universiti Sains Malaysia.

Ir. H.S Seera has conducted numerous training and development programmes related to electrical chageman for companies like Petronas Fertilizer, Perlis Power Plant, Malaysia Airports Bhd and so forth. He has also been a trainer with the FMM since 1996 in all areas related to electrical chageman.

ENGR. N. Jayaseelan obtained his Higher National Diploma in Mechanical Engineering from Leeds Polytechnic (UK) and subsequently a Bachelors Degree (Honours) in the same discipline from the University of Malaya.

He has about 23 years of working experience in various industries, which includes manufacturing, building maintenance, foundry, water and sewerage industries, etc. He has vast theoretical and practical knowledge of the various M&E equipment used in industry. He also writes technical articles for various international journals and magazines.

He is a recipient of the Association of Overseas Technical Scholarships (AOTS) award on two occasions, awarded by the Ministry of Economy, Trade and Industry of Japan.

He was also a member of the working group to draw up the energy efficiency and energy conservation guidelines for pumps and compressors for Malaysian industries organised by the Institution of Engineers, Malaysia, Pusat Tenaga Malaysia, and the Ministry of Energy, Water and Communications (KTAK).

He is an active member of the Mechanical Engineering Technical Division of The Institution of Engineers, Malaysia, a corporate member of the Institution and a graduate member of the Board of Engineers, Malaysia. He holds membership in the American Society of Mechanical Engineers as well.

Yahaya Ramli is currently an Associate Professor at the Department of Thermo-Fluid, Faculty of Mechanical Engineering at one of the leading university in Malaysia. His field of specialization is fluid mechanics and fluid power systems (hydraulic & pneumatic). He has several year of practical experience in various technical and management level in palm oil, electronic and petroleum industries. He has involved in installation, operation and maintenance of water tube and fire tube boilers, steam turbines and generator set (ICE), pump and compressors while working in FELDA oil palm mill and PETRONAS Gas. He is graduated from MARA Institute of Technology (ITM) in Mechanical Engineering and obtained his *MSc* (Fluid Power Systems) from University of Bath, U.K.

He has trained personnel from numerous international and local companies, and government departments including SHELL, ESSO, Loadstar (Private) Limited Sri Lanka, Singapore Public Utility Board (PUB), Khartoum Refinery (KRC) Sudan, PETRONAS, PROTON, PERODUA, Golden Hope Plantation, IOI, Asiatic, TEXAS Instrumentation, MIMOS, Sime Darby Group, TNB, TITAN, Kedah and Melaka Water Work, DBKL, IJN, Subang Medical Centre, Police Marine, Malaysian Army, North Port Bhd, MARA, UNIKL, UTP, Perlis Power Plant, Teknik Janakuasa (Malakof), PowerTek (Tanjung), MMHE (P.Gudang) and other petrochemical and electronic companies.

Beside teaching and training activities, he also active in the publication work. He has published several books and conference papers in field of mechanical and plant engineering. He has appointed as a technical advisor to several mechanical installation and recreational projects.