



### **InspireMe Talk: Tips for Successful Career in Engineering and Manufacturing**

by Ir. Dr Huzein Fahmi bin Hawari

Ir. Dr Huzein Fahmi bin Hawari is the deputy chairman of Electronic Engineering Technical Division (eETD).

IEM Electronic Engineering Technical Division (eETD) together with IEM UTP student chapter organized an InspireMe Talk on 8th June 2022 entitled “Tips for Successful Career in Engineering and Manufacturing” from 3pm to 4.30pm. The talk was delivered by Mr TY Ang Vice President, Operations – Southeast Asia Plexus Manufacturing. The talk was conducted at Universiti Teknologi PETRONAS (UTP) with a total of 105 participants ranging from engineering year 1 to year 3 students. The students are currently taking different engineering courses in UTP such as Electrical and Electronic Engineering, Mechanical Engineering, Computer Engineering and so on.

The moderator, Ir. Dr. Huzein Fahmi bin Hawari, kick start the talk by providing a brief introduction about the talk, followed by the speaker’s introduction. In his introduction he mentioned about the speaker’s 29 years of experience in the manufacturing industry, out of which more than 15 in senior leadership capacity in operations, engineering, research and development from various industrial sectors including semiconductor assembly & test manufacturing, solar module manufacturing and medical devices operations. Apart from that, Mr. TY Ang also possesses a master’s degree in manufacturing system engineering from the Queen’s University of Belfast, United Kingdom. He then welcomed the speaker, Mr. TY Ang to begin his sharing. Mr. TY Ang started off with the sharing about his engineering career where he started his career as a Quality Engineer in AMD in 1993 and moved on to Intel as Process/Equipment Engineer and progressed to senior leadership role during his 17 years tenure at Intel Technology. Mr. TY Ang also highlighted the opportunities available in manufacturing sector to help the students to the career prospect available. There are good opportunities for engineers in manufacturing, not limited to electronic engineers, but also mechanical engineers, material engineers and chemical engineers as well.



*Mr. TY Ang sharing on his engineering background and experience*

The speaker then further shared about important habits to be successful person and highlighted about Stephen Covey's Seven Habits of Highly Successful People. He then shared these habits come together to provide everyday habits for student or engineers to achieve the goals of high productivity, personal and professional efficiency. He further elaborates in an example that you need to start with a vision that represents what you want to achieve with your life. The clearer and more meaningful that vision is, the easier it will be for you to walk towards it. To know which way to go, today you must have a clear idea of where you want to go.



*Mr. TY Ang sharing his personal tips and interacting with participants during Q&A session*

Towards the end of the talk, Mr. TY Ang shared another tip which is to look things positively and always enjoy and have fun on whatever journey that you have selected. This would enable you to enter a state of greater fulfilment and satisfaction in every aspect of your life. By establishing these powerful habits this would allow you to continue making the best decisions for yourself and others as well.

Overall, the students found the talk very inspiring, and they are very excited to pursue their engineering career once they have finished their study soon. There were also many questions asked by students particularly on the engineering career opportunity available and recommendation for skills to get the students ready before joining as an engineer later.



*Presentation of plaque by Ir. Dr. Huzain Fahmi to speaker Mr. TY Ang*



*Group photo of the participants*

The InspireMe talk ended with the plaque presentation by Ir. Dr. Huzein Fahmi to Mr. TY Ang respectively and followed by a group photo.