

MALAYSIA BRANCH QUARTERLY NEWSLETTER

April 2017
Malaysia Branch

Institution of
**MECHANICAL
ENGINEERS**

Dear Fellow Members,

This is the first newsletter for 2017/2018 session.

Our Annual General Meeting (AGM) was conducted on 20th March 2017. Congratulations to the newly elected Committee Members.

The new Committee Members are looking forward to meeting you in the coming activities and events.

This issue of newsletter presents a special introduction to our another oldest member in Malaysia, Mr. Dalip Singh. Hope that you enjoy reading.

Ir. C.C. Chow

Committee Members 2017/2018

Chairman:

Prof. Ir. Ong Kok Seng

Honorary Secretary:

Dr. Lau Ee Von

Honorary Treasurer:

Ir. Gerald Victor

Immediate Past Chairman:

Ir. Mathew Thomas

Committee Members:

Mr. Chen Khin Fai

Ir. Chow Chee Choy

Mr. Chua Yaw Long

Ir. Danaraj Chandrasegaran

Ir. Eddie Lim Hok Lian

Prof. Ir. Dr. Vinesh Thiruchelvam

Young Member Section (YMS) Chairman:

Mr. Achugovind Kumar

Honorary Internal Auditors:

Ir. Michael Kwan

Dato' Ahmad Suhaili Idrus

Introduction on Mr. Dalip Singh

We would like to take this opportunity to introduce to our fellow members Mr. Dalip Singh, one of our oldest members in Malaysia.



Dalip Singh was born to a Jat Jemindar family in 1919 in the state of Perak. He had all his education from Primary to Senior Cambridge at the Anglo-Chinese School, Ipoh. In 1935, he passed the Senior Cambridge Examination in First Grade with exemptions in London Matric.

After leaving school in 1935, Dalip Singh did various odd jobs such as being a watchman and then made up his own bullock-cart which he operated very successfully until June 1936. He was selected for a clerical post in the Perak State Clerical Service. However, he declined and joined as an ordinary apprentice in the Central Railway Workshops Sentul.

In 1937, Dalip Singh applied for the post as the Technical Apprentice in the Railway Department and was successfully selected as the only one for Mechanical Engineering out of a large number of applicants. Soon, he attended the Technical School which was the only institution for all branches of engineering in Malaya then. He graduated with an upper class Diploma in Mechanical Engineering and was promoted to the post of Technical Assistant.

Dalip Singh quit his post and helped on Indian soldiers when the Japanese Imperialist Army occupied Kuala Lumpur in January 1942. He joined the 1st Formation of the Indian National Army as a cadet officer where he was given proper military training. Later, Dalip Singh left the camp and returned to pre-war post as Technical Assistant to a Japanese Engineer at the Railway Workshops in Sentul.

Malaysia Branch Chairman's Message



It's a great honour to be re-elected as the Chairman. Thanks to all our members.

I would like to express my appreciation to the Committee Members of 2016/2017, including the Honorary Internal Auditors, YMS and Student Chapters for their volunteerism and contributions.

Together with the newly elected Committee Members, we are looking forward to serve you. We wish to meet you in our planned events. Hope that we will see active participation from our members.

Prof. Ir. Ong Kok Seng

Improving the world through engineering

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In 1950, the Railway Department selected Dalip Singh for Mechanical Engineering training in United Kingdom. He was seconded to Technical School for full time study. After passing Part One Examination, he left for United Kingdom, where he underwent his practical training with British Railway and subsequently passed Part Two and Part Three Examinations. He returned to Malaya in late 1954 and was posted as Works Assistant (locomotives) in Sentul Works.

He gradually rose from District Locomotive Assistant, to Locomotive Superintendent, Production Engineer, Works Manager and Chief Mechanical Engineer with a work force of approximately 5,000 and an annual budget of RM40 millions. In 1971, Dalip Singh was promoted to Deputy General Manager (Engineering and Operations). He retired from this post in April 1974.

Dalip Singh married to Charanjit Kaur d/o Inder Singh. They have five children – an economist, arts graduate in English, a scientist, a doctor and a lawyer. All are happily married and living on their own with their children.

He has close connection with the Gurwara Central Workshops (now Singh Temple Sentul) over a period of over 60 years.

Past Events

1.0 Technical Talks

Series of Technical Talks were organized by the branch as below:

- a) Below Technical Talk was jointly organized with The Institution of Engineers Malaysia (IEM), Engineers Australia Malaysia Chapter (EAMC) and Monash University Malaysia:
- **“Going Driverless: Is It A Good Idea...?”** on 27th February 2017, presented by Mr. Siddhartha Khastgir, the Chair of IMechE’s International Young Member Committee.

- b) Two Technical Talks were jointly organized by the branch with The Institution of Engineers Malaysia (IEM) and Engineers Australia Malaysia Chapter (EAMC) as below:

- **“How Can Innovation Be Really Developed?”** on 1st April 2017, presented by Mr. Tan Eng Hoo and Mr. Issac Lim. Mr. Ng is the founder and Vice President of the TRIZ Innovation Association (MyTRIZ), while Issac is a mechanical engineer and a certified TRIZ practitioner.
- **“Structural Health Monitoring (SHM) System; A Statistical Pattern Recognition Approach on Structures Anomalies to Micro Energy Harvesting”** on 1st April 2017. The talk was presented by Ir. Dr. Faizal Mustapha, an Associate Professor in the Department of Aerospace Engineering in Universiti Putra Malaysia.

- c) Below Technical Talk was jointly organized with The Institution of Engineers Malaysia (IEM), Engineers Australia Malaysia Chapter (EAMC) and Universiti Putra Malaysia:

- **“Introduction to Taguchi Methods”** on 26th April 2017. The speaker was Assoc. Prof. Dr. Khairur Rijal Jamaludin.

2.0 Course on “Business Communication for Success”

These two-day course was jointly organized with The Institution of Engineers Malaysia (IEM) on 22nd and 23rd March 2017. The speaker was Ir. Danaraj Chandrasegaran, who is also the IMechE Malaysia Branch committee member.

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3.0 Student Chapter Launch at University of Southampton Malaysia Campus (USMC)

The **USMC** IMechE Student Chapter (SC) was officially launched on 22nd April 2017.

Among those present from IMechE were:

- Prof. Ong Kok Seng, Chairman of IMechE Malaysia
- Ir. Mathew Thomas, Chairman of South East Asia Region (SEAR)
- Dr. M.E. Raghunandan, SEA Young Member Representative

As official launch of the SC, Prof. Ong presented the Certificate of Launch to University of Southampton Malaysia Campus. Two IMechE pull-up banners were also presented by Ir. Mathew and Dr. Raghunandan to the SC.



Prof. Ong presents official launch certificate to USMC Head of Academic Affairs, Prof. Neil Stephen



Ir. Mathew presents IMechE pull-up banner to ALO of USMC SC Dr. Ng Jo-Han



Dr. Raghunandan presents IMechE pull-up banner to Protech President, Liang Chay King of USMC SC

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4.0 First International Speak Out For Engineering Competition

2017 saw the first International Speak Out for Engineering (SOFE) competition being conducted in **Monash University Malaysia** on 26 February 2017.

Participants from seven international regions, including Americas, Middle East & Africa, Europe, North East Asia, South East Asia, Southern Asia and Oceania, competed to win the best presentation.

The judges at the event comprised of Chief Judge Robert Ram, a champion public speaker whose background is in Business Studies, Billy Urudra Sarvanantham, who has 34 years' working experience in leadership, line and functional roles across various businesses within ICI/CCM Group, and Professor Alan Lau, the International Strategy Board Chair and International Vice President.



First International SOFE competition participants with judges and Ir. Mathew Thomas.

The presentations were all very engaging, and the judges and audience participated in an active question and answer session. Post discussions, the panel of judges made the decision on the prize winners. First

prize was awarded to Ali Jahan Zaib from the North East Asia Region and the runner up prize was awarded to Tahsin Sejat Saniat from Southern Asia.

Coming Events

1.0 Networkings

A networking session will be held on **5th May 2017 (Friday)** in **Symphony Suites, Ipoh**. We look forward to meeting up with you.

2.0 Courses jointly organized with The Institution of Engineers Malaysia (IEM):

(a) Two-day course on "Technical Writing for Engineers and Technical Personnel"

Date: 18th and 19th July 2017
Venue: Hilton Petaling Jaya, Selangor
Speaker: Ir. Danaraj Chandrasegaran

(b) Two-day course on "Agile Vendors (& Subcontractors) Management"

Date: 23rd and 24th August 2017
Venue: Wisma IEM, Petaling Jaya
Speaker: Ir. Danaraj Chandrasegaran

(c) Two-day course on "Presentation Skills for Engineers & Technical Personnel"

Date: 4th and 5th October 2017
Venue: Wisma IEM, Petaling Jaya
Speaker: Ir. Danaraj Chandrasegaran

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(d) Two-day course on “Integrating Operational Perspective for Cohesive Design of Plant and Building Facilities”

Date: 4th and 5th October 2017
Venue: Wisma IEM, Petaling Jaya
Speaker: Ir. Danaraj Chandrasegaran &
Ir. Al-Khairi Mohd Daud

(e) Two-day course on “Workplace Productivity: How To Get More of It”

Date: 8th and 9th November 2017
Venue: Wisma IEM, Petaling Jaya
Speaker: Ir. Danaraj Chandrasegaran &
Ir. Abdul Razak Yakob

(f) Two-day course on “What Got You Here Won’t Get You There: A Critical Thinking Journey”

Date: 14th and 15th November 2017
Venue: Wisma IEM, Petaling Jaya
Speaker: Ir. Al-Khairi Mohd Daud &
Ir. Danaraj Chandrasegaran

Contact Us

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