

# **BUILDING SERVICES ENGINEERING SECTIONAL COMMITTEE**

**: PROGRESS REPORT - For the Period from 1/2/19 to 1/4/19**

## **BSESC MEETINGS**

### **Meeting No.04 (27/2/2019):**

BSESC meeting no.04 was held on 26/2/2019 (Tuesday) at IESL. After the status update, discussion etc., as the last item of the meeting a short knowledge sharing session on "Test and Measuring Instruments for Building Management Applications" was done by Eng. Selvakumar.



### **Meeting No.05 (26/3/2019):**

Meeting no.05 for the session 2018/2019 was held on 26<sup>th</sup> March 2019 & meeting no.03 on 22<sup>nd</sup> of January 2019.

At the end of meeting 05, Eng. Lakmal Silva & his team did a short lecture on "Energy Efficient Building Control" which was followed by a Q&A session.



## **BUILDING SERVICES ENGINEERS' DIRECTORY - 2019**

The Directory of IESL Certified Building Services Engineers is to be updated in 2019 where the details of the experts of each of the seventeen (17) sub disciplines of building services engineering are listed out. Interviews for the above directory were carried out on **3<sup>rd</sup> of March (Sunday)** and **16<sup>th</sup> of March**

**(Saturday).** Thirty-five (35) candidates have applied for the sub disciplines of their expertise and altogether seventy-seven (77) interviews were carried out. The results of the interviews were already released.

## BSESC PUBLIC LECTURES

- **BSESC Public Lecture #04 "Engineering the Nation's Economic Development"** was successfully conducted at IESL on 13/2/2019. Senior Economist, **Dr.Lalithasiri Gunaruwan** was the resource person for this valuable lecture which was appreciated by many participants.



- **BSESC Public Lecture #05** organized by BSESC for session 2018/2019 was conducted on 25th February 2019 on the topic **"Building Management System (BMS) – Essential Asset in Modern Buildings"** by **Eng. Jacob Sng** and **Mr. Ian Giles** who work for Reliable Controls Corporation and have over 20 years' experience in BMS field. This was appreciated by many in the audience including a few local BMS experts participated for the event.



- **BSESC Public Lecture #06, "How Modern Food, Agriculture & Advertising are Killing Us"** was held at The Institution of Engineers, Sri Lanka on 11/ 3/ 2019. **Dr.Damayanthi Perera**, a Nutrition Specialist & an independent Researcher was the resource person for this eye opening lecture. The health hazard of the ultra-processed food, the recent controversy of powdered milk etc. were discussed in detail with facts and figures during this lecture.

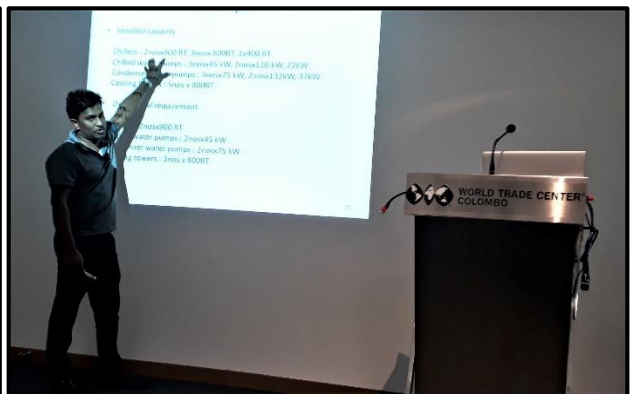


- **BESCE Public Lecture #07** titled "**Challenging the Status Quo –Towards a Mindset Change**" was done by **Eng.Dhanika Perera** on 03/ 04/ 2019.



## FIELD VISITS

**BESCE Field Visit #01** for session 2018/2019 was to the World Trade Centre (WTC Twin Towers) on 16/2/2019. At WTC BESCE members got an opportunity to inspect the building services systems & their operation in a high-rise building.



## PUBLICATION OF GUIDE BOOKS

BSESC expects to prepare a set of booklets under several selected building services areas of importance specially for the benefit of practicing engineers who need to have a single brief guideline when designing and operating those systems. As the initial step the BSESC subcommittee working on this is in the process of preparing a Guidebook titled “**Venting Systems for Sewer & Waste Systems in Buildings**”. The subcommittee members namely Eng. Indika Wijethunga, Eng. Kolitha Warnasiri, Eng. Priyan Bellana and Eng. Thushara Pathirana now in the process of preparing the draft of the guidebook.

## ENGINEERING HERITAGE EXPLORATION

BSESC Heritage exploration project team had a subcommittee meeting on 26/2/2019 at IESL to finalize the content for the proposed IESL publication on the **study on the ancient microlevel water management** systems in Sri Lanka including ponds and water gardens. In the meeting the content of the publication was discussed together with the progress review of the 3-D drawing preparation and the level calculation which are also to be included in the booklet.

## BSESC CSR PROJECT

BSESC CSR activity planned at the **Mihinthale Maha Vidyalaya** in North Central province was in progress. A proper budget for the renovation of the electrical system in their main hall is prepared by Eng.Dinesh Herath and his team at Anuradhapura. This budget was forwarded to some local entrepreneurs with the expectation of getting funds for the project.



Prepared by,

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