

THE INSTITUTION OF ENGINEERS, SRI LANKA

120/15, Wijerama Mawatha, Colombo 7.

BUILDING SERVICES ENGINEERING SECTIONAL COMMITTEE

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PROGRESS REPORT

For the Period between
1st Apr. 2021 and 30th Apr. 2021

1. MONTHLY MEETINGS

1.1 BSESC General Meeting for the Month of February 2021.

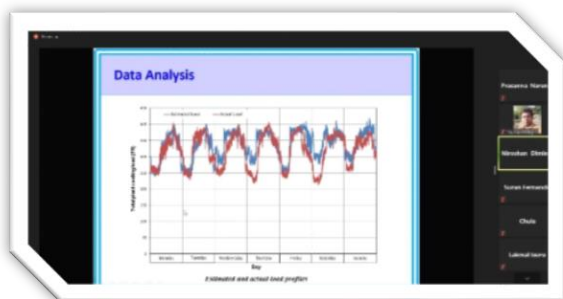
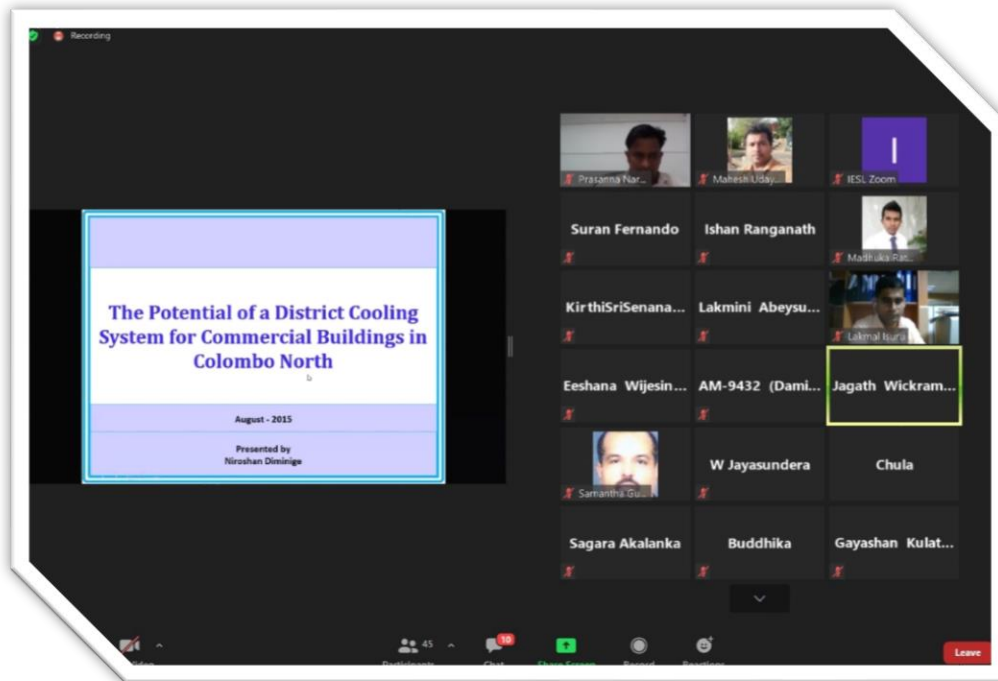


The general meeting for the month of February was held on 27th April via ZOOM platform. 45 Nos. of members joined to the online meeting. The status updates of the completed and ongoing tasks were briefed by the Chairman and corresponding task leaders.

The following important updates were noted.

- Webinar organized by BSESC for the month of April and May
- Progress updates of the school level CSR workshop
- Progress of the plumbing handbook that is to be published by BSESC
- Status of the proposed online panel discussion on 'Building Management System'

Further, Eng. Niroshan Diminige did an interactive knowledge sharing session on the topic of '**The Potential of a District Cooling System for Commercial Buildings in Colombo North**' at the end of the meeting



Special Considerations	
CDP	EB
<ul style="list-style-type: none"> Reliability – Capacity & Component Demand in future Plant location, size & source energy 	<ul style="list-style-type: none"> Size and Quantity Type – PHL, S&I etc. Controling
Distribution System	Other
<ul style="list-style-type: none"> Reliability – Additional pipe network Soil condition, Pipe material & insulation Demand in Future 	<ul style="list-style-type: none"> Pricing Model (depend on investors, designers, owners, operator, utility/suppliers, and consumers and municipalities) Combining with energy resources & available waste energy in considered area Governing policies in the area

2. MAJOR TASKS UNDERTAKEN IN APRIL 2021

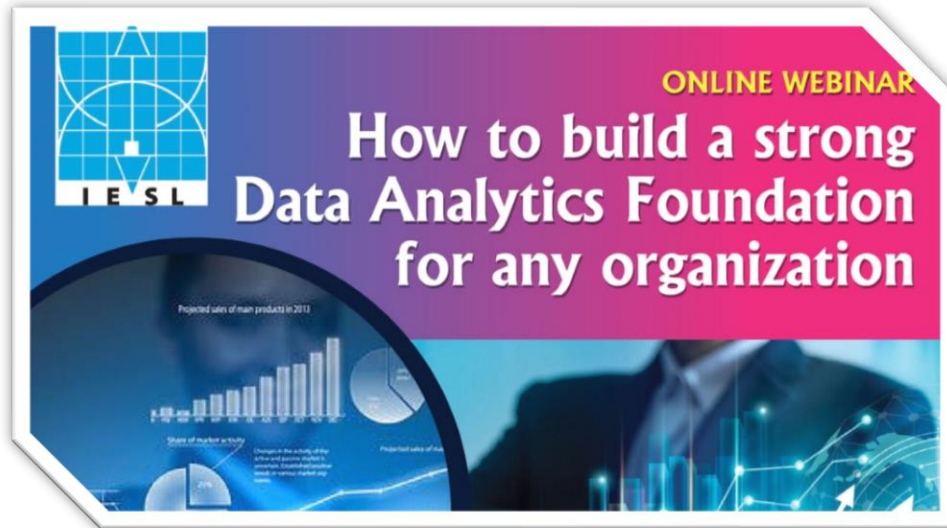
2.1 Demand Driven CPD Survey

Based on the feedbacks received from Demand Driven CPD Survey, preliminary discussions were initiated within the BSE CPD sub-committee for its implementation plan. Accordingly it was decided to short CPD courses under the following topics.

- LPG System Design.
- Application of Renewable Energy.
- Value Engineering of MEP systems.
- Sewer Treatment Plant designs
- Vertical Transportation.

2.2. Webinar Organized by BSESC

The 5th Webinar organized by BSESC was conducted on 22nd April 2021 on the topics of **'How to build a strong Data Analytics Foundation for any Organization'** presented by Eng. Eranda Adikari.



6th webinar was also scheduled on 05th May 2021 on the topics of **'Liver Disease and Transplantation in Sri Lanka; Are we ready to face the future?'** by Prof. Rohan Siriwardena.

2.2 School Level Student Workshop “අකුරට අරුණක්” Organized by BSESC

Budget was prepared by the sub-committee covering all the forecasted expenses for event. Accordingly, a portion of the budget was forwarded to the IESL and it was approved. The balance will be covered through sponsorships.

Discussions are continued within the sub-committee to finalize the agenda and execution plan of the event.

2.3 Progress of Plumbing handbook “Air Venting System for Sewer & Waste System in Buildings”

All pre-nominated reviewers’ comments were received to the draft handbook by 27th April 2021. Accordingly, final compiling is being done by the sub-committee in order to forward it for the review of L&P Committee of the IESL.

2.4 Organizing of the Online Panel Discussion on the topic of ‘Building Management System’

Distinguished panelists were finalized to the program. Questionnaires are being prepared by the sub-committee. Also, it has been planned to visit few places where BMS have already been implemented, in order to identify more practical issues.

2.5 Submission of Comments for the “Chapter IV – Specification of Lift – CIDA/SCA 08”

Construction Industry Development Authority (CIDA) is in the process of upgrading the existing MEP specification of SCA 08 and hence, they requested comments for the Chapter IV – Specification of Lift from the Building Services Engineering Sectional Committee. Accordingly, Eng. D.U Amarasinghe, Committee Member of BSESC, made a valuable contribution by highlighting positive and constructive comments to the document.

-The End-

Prepared by,
Eng. Lakmal Isuru
(Secretary, BSESC)