

THE INSTITUTION OF ENGINEERS, SRI LANKA

120/15, Wijerama Mawatha, Colombo 7.

BUILDING SERVICES ENGINEERING SECTIONAL COMMITTEE

Visit BSESC web page on
<http://iesl.lk/page-1579092?>



PROGRESS REPORT

For the Period between
1st Mar. 2021 and 31st Mar. 2021

1. MONTHLY MEETINGS

1.1 BSESC General Meeting for the Month of February 2021.

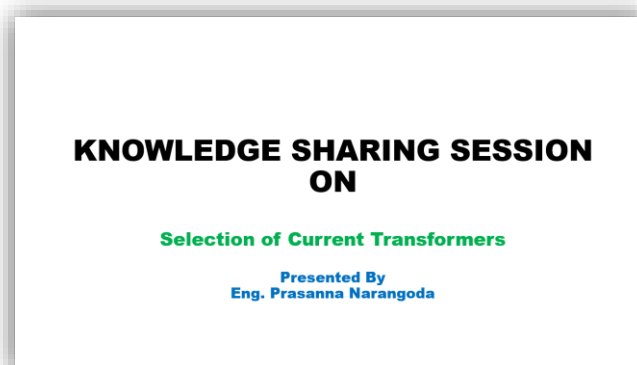


The general meeting for the month of February was held on 23rd March via ZOOM platform. 47 Nos. of members joined to the online meeting. The status updates of the completed and ongoing tasks were briefed by the Chairman and corresponding task leaders.

The following important updates were noted.

- Outcome of the Demand driven CPD survey.
- Webinar organized by BSESC for the month of April
- 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. Prasanna Narangoda (Chairman of BSESC) did an interactive knowledge sharing session on the topic of '**Selection of Current Transformers**' at the end of the meeting



2. MAJOR TASKS UNDERTAKEN IN FEBRUARY 2021

2.1 Demand driven CPD Survey

On the feedback received from 42 members to the demand driven CPD survey, the summarized report was forwarded to the Chairman of CPD Committee of IESL for further actions. Further, BSESC proposed an action plan to the CPD Committee to implement on the CPDs related to Building Services Engineering by reviewing the feedback from the survey. They are;

- Plumbing CPD - Already divided into two CPDs incorporating design level.
- BMS CPD- Already restructured and no comments from members.
- ELV CPD- to be restructured incorporating modern requirements.
- Vertical Transportation – to be restructured incorporating design aspects
- Fire CPD - to be restructured incorporating design level and more practical cases.
- HVAC CPD- to be restructured incorporating design level and more practical cases

Moreover, BSESC proposed few topics of CPDs to be considered to meet member's expectations.

- HVAC System Design for Healthcare Sector.
- LPG System Design.
- Steam & Boilers Design
- Application of Renewable Energy.
- Value Engineering of MEP systems.
- Sewer Treatment Plant designs
- Vertical Transportation.

2.2. Webinar Organized by BSESC

The 4th Webinar organized by BSESC was conducted on 9th March 2021 on the topics of '**Waste to Energy Technologies for Better Municipal Solid Waste Disposal**' presented by Eng. Ruwan Nagahawatte.



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

BSESC decided to continue its school level workshop “අකුරට අරුණක්” this year too, as done in the last year at A/ Mihintale Maha Vidyalaya. Hence, the Chairman, Secretary and the Sub-Committee members decided to carry out this program in Weeraketiya Central College.

As a result, Committee members met the Zonal Director of Education and School Principal on 18th March 2021 and explained of our program. Further official request was made to the school authorities through a letter issued by the IESL. Accordingly, we agreed to conduct this workshop on 21st May 2021.

Preliminary planning is being carried out by the appointed Sub-Committee.

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

Draft handbook was forwarded for the selected expert engineers on the subject and subsequent comments were also received from some of them. Accordingly, final draft is being done 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’

BSESC is planning to have a special workshop on Building Automation in order to discuss the challenges that the BMS industry is facing currently. Hence, the appointed Sub-Committee have been brought this program up the level as mentioned below.

- The program is supposed to be conducted on the online platform
- Maximum time duration of the program shall be between 1½ to 2 hours.
- Date should yet to be finalized and it will be on mid-June
- Distinguished panel members have already been finalized

-The End-

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