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?

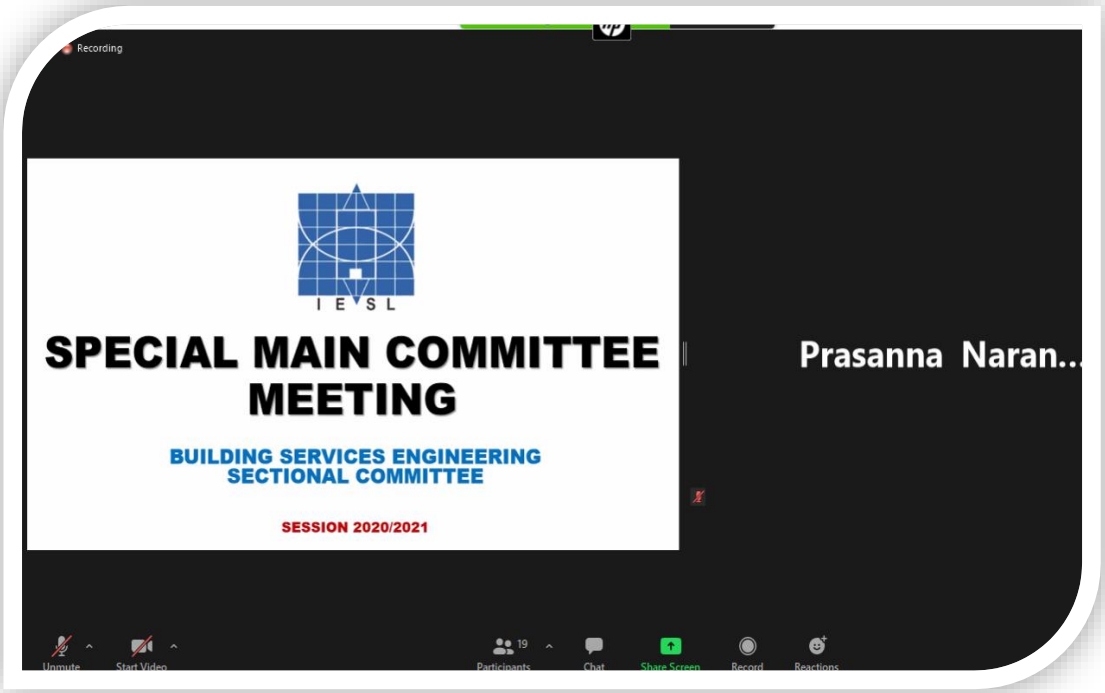
PROGRESS REPORT

For the Period between

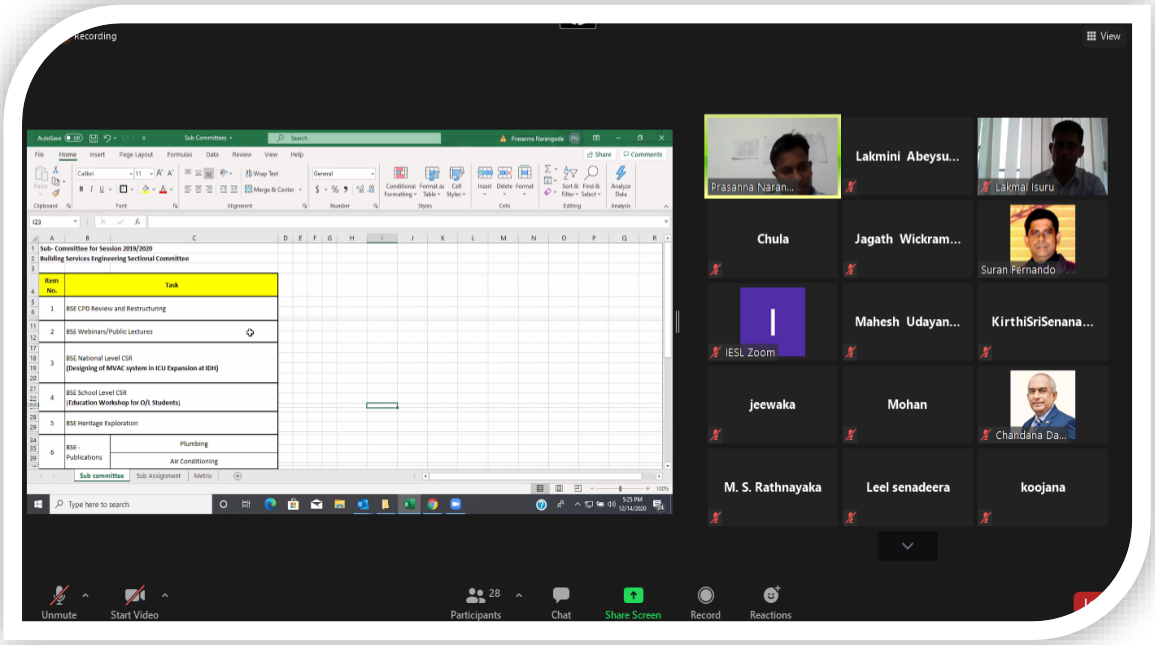
1st Dec. 2020 and 31st Dec. 2020

1. MONTHLY MEETINGS

1.1 Special Main Committee Members with Appointed Committee Members.



Special Main Committee Meeting of the Building Services Engineering Sectional Committee (BSESC) was held on 14th December 2020 via ZOOM platform with the invitation of the Chairman of BSESC. Welcoming the participants, work plan for the session 2020 / 2021 was explained at the meeting.



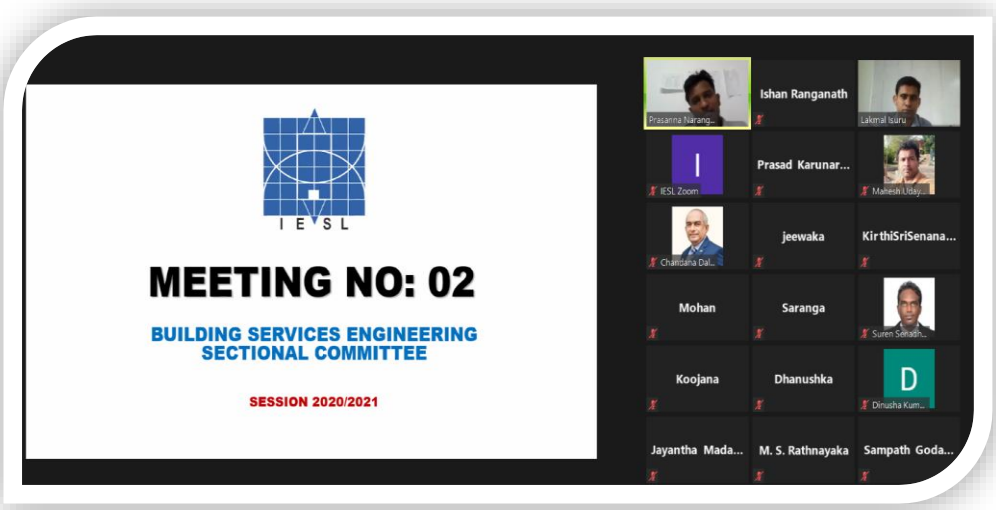
Further announcing the sub-committees their committee members were also nominated as shown in the table below.

Sub Committee Matrix

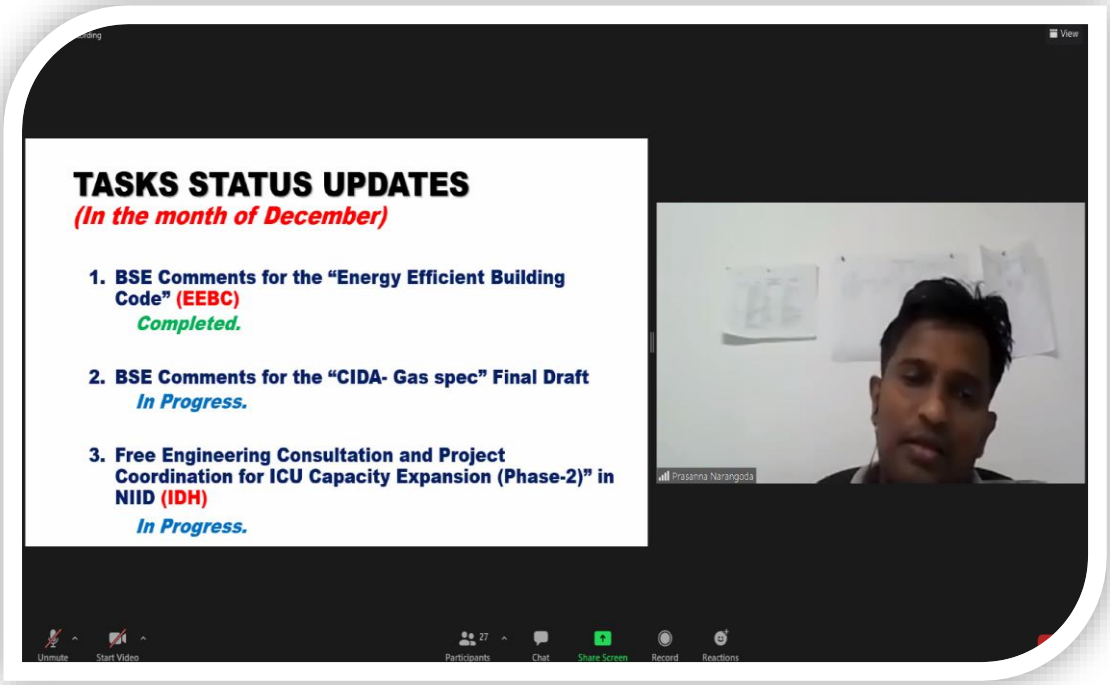
Task Leader / Joint Task Leaders

S/No.	Name of Members	1 Webinars	2 CPD Review	3 Workshop for BSE Profession	4 Knowledge Sharing	5 BSE Engagement for COVID 19 Pandemic	6 BSE Services for School Education	7 Engagement with Provincial Chapters	8 Heritage Exploration	9 BSE Publications	10 BSE Articles for SLEN	11 BSE Contribution to Building Code Building Code	12 Training Places Recognition	13 IESL Involvement to CIBSE	14 BSE Practice liscense	15 Field Visit	16 Techno
1	Eng. Chula de Silva																
2	Eng. Kirthi Sri Senanayake																
3	Eng. Kosala Kamuradeniya													★	★		
4	Eng. Samantha Gunawardana		★					★				★		★	★		
5	Eng. Chandana Dalugoda									★		★		★			
6	Eng. Suran Fernando		★			★		★	★	★	★			★	★		
7	Eng. Bandula Karunarathne											★		★	★		
8	Eng. D.U. Amarasinghe										★	★			★		
9	Eng. Shiran Jayalath		★			★											
10	Eng. Suranga Lekamwasam		★			★				★							
11	Eng. Koojana Weerasinghe		★														
12	Eng. Lasantha Dharmathilake					★										★	
13	Eng. Indika Wijethunga			★						★						★	
14	Eng. Samantha Indika											★	★				
15	Eng. Thushara Pathirana						★	★	★	★							
16	Eng. Dilan Thilanga	★					★	★									
17	Eng. Mohan Wijesinghe			★			★						★			★	
18	Eng. Pradeep Dankanda							★					★				
19	Eng. Jayalath Amarawansa								★	★							★
20	Eng. Aruna Krishantha				★												★
21	Eng. Dhanushka Kodithuwakku						★									★	★
22	Eng. Leel Senadheera		★								★		★				
23	Eng. Priyan Bellana								★	★							
24	Eng. Sampath Godamunne										★						
25	Eng. Damitha Jayarathne						★		★				★			★	
26	Eng. Ishan Ranganath	★															
27	Eng. (Ms) Lakmini Abeysuriya	★		★			★										
28	Eng. Jagathlal Wickramasekara		★	★	★		★										
29	Eng. Madushan Samarakoon				★								★				★
30	Eng. Kushan Jayasuriya															★	★
31	Eng. Thilina Saranga				★												★
32	Eng. Kaushal Pathirana	★					★										★
33	Eng. Jeewaka Samarasekara			★													★
34	Eng. D. M. D. Kalana Madujith				★												★
35	Eng. Chamil Malaka Samararatne	★						★									★
36	Eng. Dinusha Sangeeth Kumarasiri																★
37	Eng. M. S. Rathnayaka																★
38	Eng. N G Charith Perera				★												★
39	Eng. Mahesh Udayanga	★															★

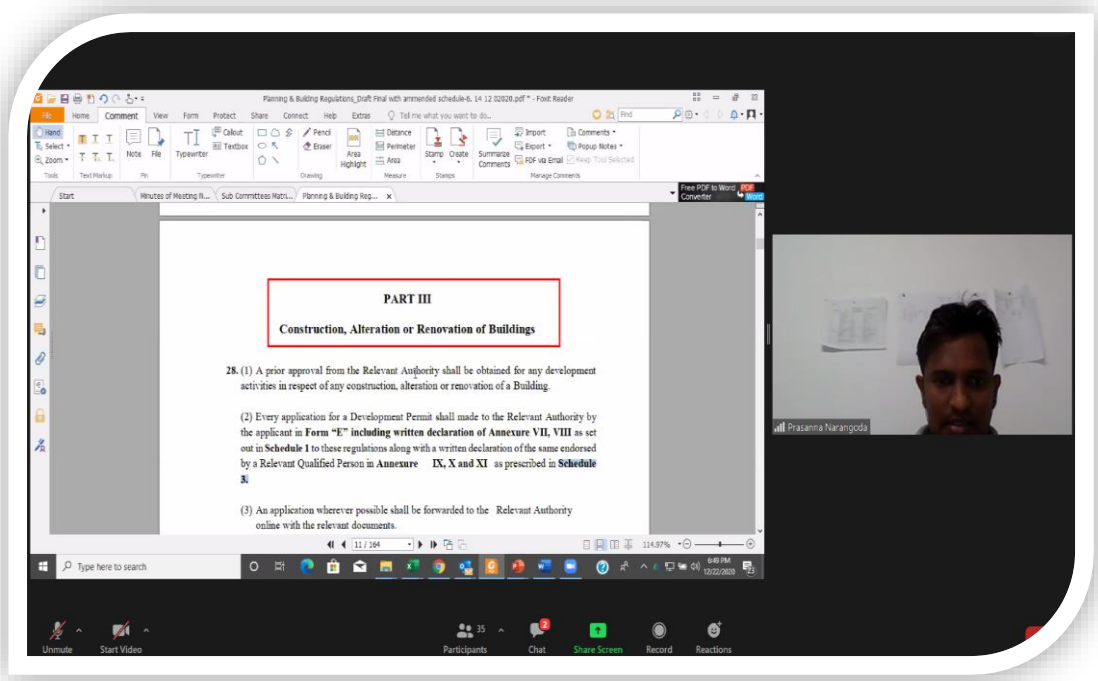
1.2 BSESC General Meeting for the Month of December 2020.



The general meeting for the month of December was held on 22nd December via ZOOM platform. There, the status updates of the tasks completed and being continued were briefed by the Chairman with associated task leaders.



Further, Chairman did a comprehensive explanation of Revised UDA regulations highlighting key areas which all Building Services Engineers should pay their attentions.



2. MAJOR TASKS UNDERTAKEN IN DECEMBER 2020

2.1 Comments for the "Specifications for Installation of LPG System" issued by CIDA

Construction Industry Development Authority (CIDA) is in the process of regularizing the *'Specifications for Installation of Liquid Petroleum Gas (LPG) System Associated with Residential Apartment Complexes, Commercial and Institutional Buildings'*. Accordingly, CIDA had requested comments for the draft document from the Building Services Engineering Sectional Committee (BSESC) in August 2020 and subsequently, our Engineers made a valuable contribution by giving constructive comments to the 1st draft document.

Accommodating those inputs, CIDA again issued its final draft to BSESC in December 2020 expecting our further review prior to publish. Accordingly, our engineers are now reviewing the document and expecting to forward our inputs by 1st week of January 2021.

2.2 Comments for the "Energy Efficient Building Code" (EEBC)

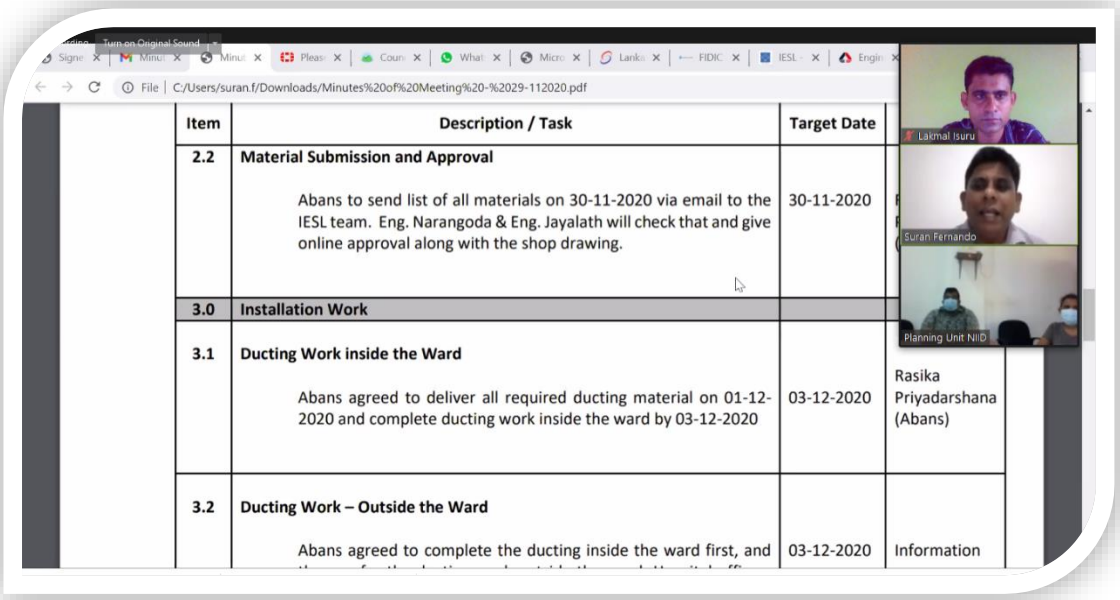
Sustainable Energy Authority (SEA) is in the process of upgrading the Energy Efficient Building Code (EEBC) which was originally published in 2008 and they requested comments for the draft document from the Building Services Engineering Sectional Committee. Our Engineers made a valuable contribution and given very positive and constructive comments to the document which SEA may further review and incorporate to the final version.

Following Engineers (BSESC members) contributed to the document.

1. Eng. Suranga Lekamwasam - MEP consultant
2. Eng. Kaushalya Alpitiarachchi - Electrical & ELV consultant
3. Eng. Niroshan Diminige - HVAC & LEED consultant
4. Eng. Prasanna Narangoda - MEP consultant
5. Eng. D.U. Amarasinghe - Vertical Transportation Consultant

2.3 Installation of a new MVAC System for the Proposed ICU Complex at IDH… ctd.

Progress of this project is being continuously monitored by appointed sub-committee from BSESC by conducting progress review meeting with the IDH Medical/ Administrative staff, BSESC (representing IESL), CECB and the Contractor (M/s. Abans Engineering) and regular site visits.



Item	Description / Task	Target Date	
2.2	**Material Submission and Approval** Abans to send list of all materials on 30-11-2020 via email to the IESL team. Eng. Narangoda & Eng. Jayalath will check that and give online approval along with the shop drawing.	30-11-2020	
3.0	**Installation Work**		
3.1	**Ducting Work inside the Ward** Abans agreed to deliver all required ducting material on 01-12-2020 and complete ducting work inside the ward by 03-12-2020	03-12-2020	Rasika Priyadarshana (Abans)
3.2	**Ducting Work – Outside the Ward** Abans agreed to complete the ducting inside the ward first, and	03-12-2020	Information

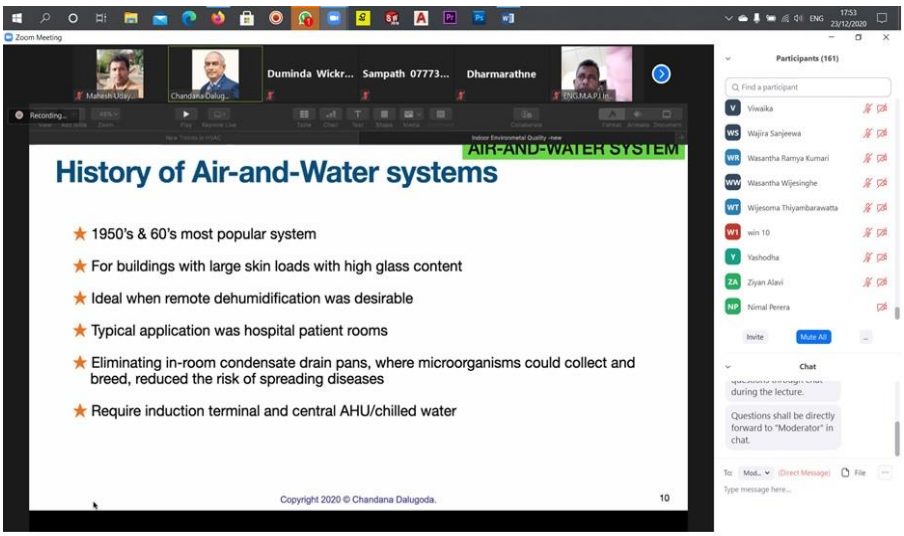
With this noble contribution to the national level of work, the BSESC of IESL could fulfill the 1st step of this CSR project by completing the installation works inside the ICU ward and handing over to the hospital on 08th December 2020 for their use.

However, total project will be completed and handed over to IDH staff by mid-January 2021

2.4 Re-structuring of 'Plumbing Engineering' CPD course

With advising of experts and lectures, BSESC took necessary steps to re-structure the existing course contents in order to conduct it through the online platform. According, <u>full course supposed to be segregated into 2 courses and its course no: 1 will supposed be commenced in March 2021.</u>

2.5 Webinar Organized by BSESC



1st webinar organized by BSESC was conducted on 23rd December 2020 on the topics of 'Insight to New Trends in A/C & Navigation through Limitations to Applications by Eng. Chandana Dalugoda. It was recorded as 180 + participant were connected with us for this lecture.

-The End-

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