

**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  
1<sup>st</sup> June 2021 and 30<sup>th</sup> June 2021

## 1. MONTHLY MEETINGS

### 1.1 BSESC General Meeting for the Month of June 2021.



# MEETING NO: 08

22<sup>nd</sup> June 2021

**BUILDING SERVICES ENGINEERING  
SECTIONAL COMMITTEE**

SESSION 2020/2021

The general meeting for the month of June (Meeting No: 08) was held on 22<sup>nd</sup> June 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 June and July
- Progress updates of CPDs conducted by the BSESC.
- Progress updates of the CSR activities engaging by Building Services Engineering COVID 19 Forum.

## AGENDA

- **Adoption of Previous Meeting Minutes**
- **Tasks Status Updates**
- **Discussion**
- **Knowledge Sharing Session**  
*Introduction to Design of Lightning Protection System*
- **Vote of Thank**

## 2. MAJOR TASKS UNDERTAKEN IN JUNE 2021

### 2.1 CPDs Conducted by BSESC

The CPD course on '**Design of Sewage Treatment Plants**' which was initiated as a result of the Demand Driven CPD survey conducted by the IESL CPD committee, was commenced on 20<sup>th</sup> June 2021 with around 150+ participants.

The poster is titled "CPD COURSE ON DESIGN OF SEWAGE TREATMENT PLANTS" with "STP" in large letters. It includes the IESL logo and the text "CONTRIBUTING TO PROFESSIONAL DEVELOPMENT". A quote states: "To provide sufficient knowledge on Sewage Treatment Plant designs". It is an "ONLINE COURSE".

**LEARNING OUTCOMES:**

- Understanding the Wastewater characteristics & Regulatory requirements
- Understanding the design principles of Wastewater systems
- Basic design aspects & calculations related to STP design
- Few case studies
- Operation & Maintenance aspects of STPs

**COURSE SCHEDULE**  
20.06.2021 to 11.07.2021  
19:00am to 12:00noon | Four Consecutive Sundays

**COURSE FEE**  
Member - LKR 12,000 | Non Member - LKR 17,000  
(\*Applicable for those who maintain an "Active Membership with IESL" by the registration closing date.)  
Payment Modes: Refer attachment 1 for more details  
Registration will be on a first come first served basis.  
Register & make the full payment on or before 17/06/2021

**RESOURCE PERSONS**

**Mr. Priyantha Seneviratne**  
BSc (Hons) Science  
30 Years Experience in water and Wastewater Treatment Industry  
Managing Director at Enviroplus Engineers (Pvt) Ltd.  
A Registered Consultant / Specialist in Environmental Pollution Control and Management at CIA  
Agent for Advanced Wastetech - Australia

**Eng. Dhanesh Gunatilleke**  
BSc (Eng) Systems, MSc (Sewerage Engineering)  
IPWEXCO PHE, DABR,  
PG Dip (Env. Eng. & Man., Moratuwa), PG Dip. Stru. Eng. Design (Moratuwa),  
Diploma in Sustainable Water Supply & Sanitation (Lund)  
P.E. (S.L. Wickramaratne), MBE, MBE (S.L.)

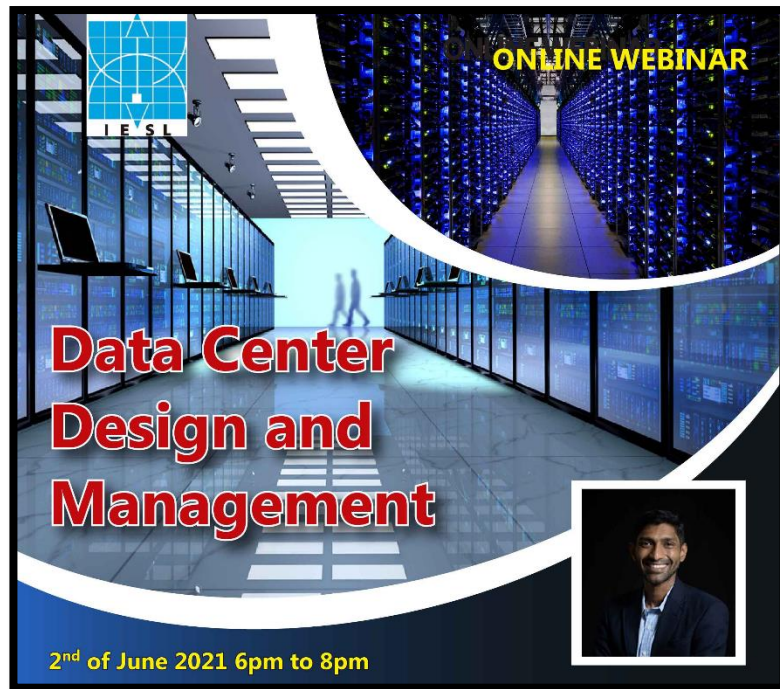
**TARGET AUDIENCE**  
Consultant Engineers | Maintenance Engineers | Contractors  
Organized by the CPD Committee in collaboration with Building Services Engineering Sectional Committee

Two more new CPD courses (**Design of LPG Systems & Design of Vertical Transportation Systems**) which was initiated after the aforementioned survey, are scheduled to start in July & September 2021.

In addition to the above, initial discussion for restructuring of the Fire CPD was started with the active participations of all resource persons and the course will be scheduled to start in September 2021.

### 2.2 Webinar Organized by BSESC

The 7<sup>th</sup> Webinar organized by BSESC was conducted on 02<sup>nd</sup> June 2021 on the topic of '**Data Center Design and Management**' presented by Mr. Tharindu Meepegama.

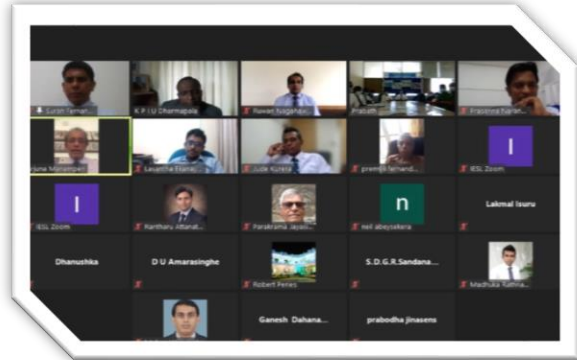


8<sup>th</sup> and 9<sup>th</sup> webinars were also scheduled on 15<sup>th</sup> July 2021 and 29<sup>th</sup> July 2021 on the topic of “Reverse Osmosis Technology Best Practices” by Eng. Prabodha Palugaswewa and on the topic of ‘*Singapore Wholesale Electricity market – how it works and what are the benefits*’ by Dr. Lal Jayamaha respectively.

### **2.3 CSR Activities engaged by BSE COVID 19 Forum**

- **BSESC & MESC jointly implementing an oxygen supply system for two wards at the Hambantota District General Hospital.**

The joint hand CSR project done by BSESC & MESC to supply oxygen system to manage critical Corona patients at the District General Hospital in Hambantota (old hospital) was successfully completed in the Month of June. The project handing over ceremony was conducted on 16<sup>th</sup> June via online with participant of President – IESL, President Elect – IESL, BSESC, MESC, IESL members and the Medical Officers of the Hospital.



Welcome Speech by  
Eng. Ruwan Nagahawatta



Guest Speech by  
The President of IESL



Vote of Thanks by  
Eng. Prasanna Narangoda



Document handover to the Hospital  
Director by Eng. Malaka Samararatne  
& Eng. Mahesh Udayanga

➤ **Designing of Air Conditioning Ventilation System of a Selected Hospital in Chilaw**

On an invitation received from IESL Puttalam District Chapter, BSE COVID 19 sub-committee voluntarily accepted to do a design of Air Conditioning and Ventilation System of the proposed HDU unit (23 beds) in that hospital. Accordingly, initial design was done and forwarded for the comments from hospital Medical Officers

-The End-

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