

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 July 2021 and 31st July 2021

1. MONTHLY MEETINGS

1.1 BSESC General Meeting for the Month of July 2021.



The general meeting for the month of July (Meeting No: 09) was held on 27th July via ZOOM platform. 39 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 driven by the BSESC.
- Progress updates of the first online Workshop organized by BSESC.



2. MAJOR TASKS UNDERTAKEN IN JULY 2021

2.1 CPDs Conducted by BSESC

The first demand driven CPD course of '*Design of Sewage Treatment Plants*' was successfully completed in the month of July. There were 100+ participants for this course/

The poster is titled "CPD COURSE ON DESIGN OF SEWAGE TREATMENT PLANTS STP ONLINE COURSE". It features a central image of a sewage treatment plant. The text includes:

- CPD CONTINUING PROFESSIONAL DEVELOPMENT**
- 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 (9.00am to 12.00noon) Four Consecutive Sundays
- COURSE FEE:** Member - LKR 12,000 | Non Member - LKR 17,000. Includes a note: "[*Applicable for those who maintain an 'Active Membership with IESL' by the registration closing date.]".
- RESOURCE PERSONS:**
 - Mr. Priyantha Seneviratne:** B.Sc. (Natural Science), 30 Year Experience in water and Wastewater Treatment Industry, Managing Director at Enviroplus Engineers (Pvt) Ltd. A Registered Consultant / Specialists in Environmental Pollution Control and Management at CSA Agent for Advanced Watertek - Australia.
 - Eng. Dhanesh Gunatilleke:** BSc Eng., Interns., MSc. Sanitary Engineering (UNESCO-FHE, DEHN), PG Dip. Eng. (Eng. & Mar., Moratuwa), PG Dip. Stru. Eng. Design (Moratuwa), Diploma in Sustainable Water Supply & Sanitation (Lund), PE (SL), MCIWREM (UK), MBA, MPE (SL).
- TARGET GROUP:** Consultant Engineers | Maintenance Engineers | Contractors
- Organized by the CPD Committee in collaboration with **Building Services Engineering Sectional Committee**.

Meaning, the other CPDs (*LPG System Design and Vertical Transportation*) finalized from the aforementioned survey are under preparation.

2.2 Webinar Organized by BSESC

8th and 9th Webinars organized by BSESC were conducted on 15th July and 29th July as per the followings.



ONLINE WEBINAR

Reverse Osmosis Technology Best Practices

15th July 2021 @ 6.00pm

IESSL

Reverse Osmosis Technology Best Practices

Eng. Prabodha Palugaswewa



ONLINE WEBINAR

SINGAPORE WHOLESALE ELECTRICITY MARKET

- How it works and what are the benefits

SYNOPSIS

Liberalisation of electricity market since 2001, has allowed consumers to enjoy more choices, flexibility and competitive pricing when buying electricity.

Depending on electricity demand and supply, the price of electricity in the wholesale electricity market changes in every half-hour. Electricity retailers buy electricity from the wholesale electricity market and sell to consumers.

The lecture aims to explain how the electricity market was liberalized in stages, who the main stakeholders are, how pricing is set, what is traded and what benefits have resulted for the consumers.

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Singapore Wholesale Electricity Market How it works and what are the benefits

Dr. Lal Jayamaha

2.3 Organizing of the first Online Workshop of BSESC

After all the pre discussions and plantings made by the sub-committee, it was finalized and scheduled the first virtual workshop on the topic of **'Today and Tomorrow of Building Automation Systems: Local and Global Contexts'** on 16th August 2021.



16th AUGUST 2021
FROM 7:00PM - 9:00PM

Workshop on
Today and Tomorrow of
Building Automation Systems:
Local and Global Contexts

IESL

SCOPE OF DISCUSSION

- Challenges to introduce automation technologies for building applications
- Common lapses in design and installation that curtails the true benefits of a BMS to the owner
- New developments in the field which are applicable in Sri Lankan context
- Availability of local skills to gain the maximum use of BMS
- How successfully can we amalgamate new technologies to our country based on the skills and other infrastructure availability
- True capabilities of a BMS and are we utilizing it correctly

Join with us via

zoom
Meeting ID:
870 7733 1573
Passcode:
957656

Scan QR Code to Join!

YouTube Live
@IESL Livestream

LIVE on EventTV **ON 20**

For more information
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PANELLISTS


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Senior Electrical Engineer
DIMO (PVT) Ltd


Indradeva Mendis
B.Sc. Engineering, MBA in Management
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(Former) General Manager (Facilities
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World Trade Center, Colombo

MODERATOR


Jagath Wickramasekara
BSc. in Electrical Engineering, Post Graduate Diploma
in Industrial Automation, University of Moratuwa
Consultant

All are Welcome

Organized by **Building Services Engineering Sectional Committee**

-The End-

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