

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?>

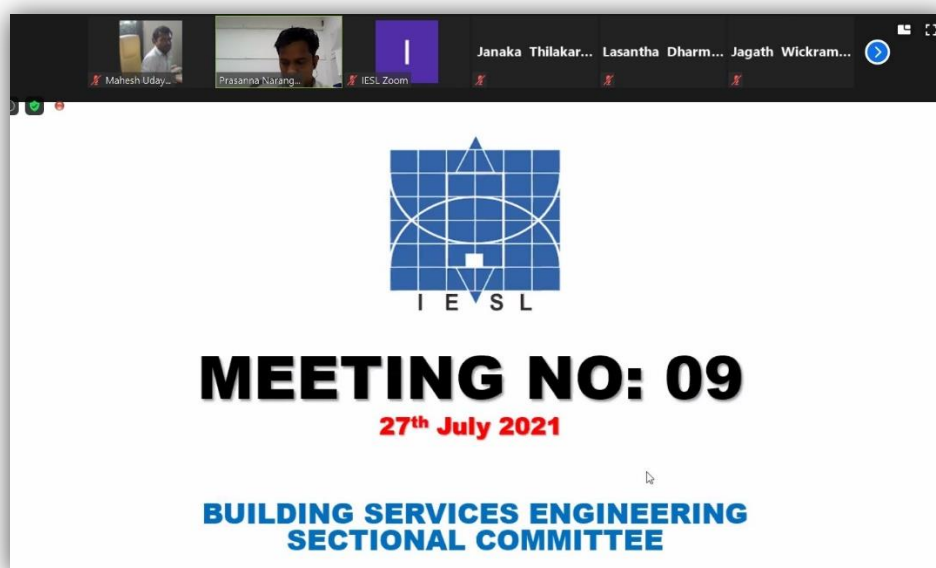


PROGRESS REPORT

For the Period between
1st July 2021 and 31st July 2021

1. MONTHLY MEETINGS

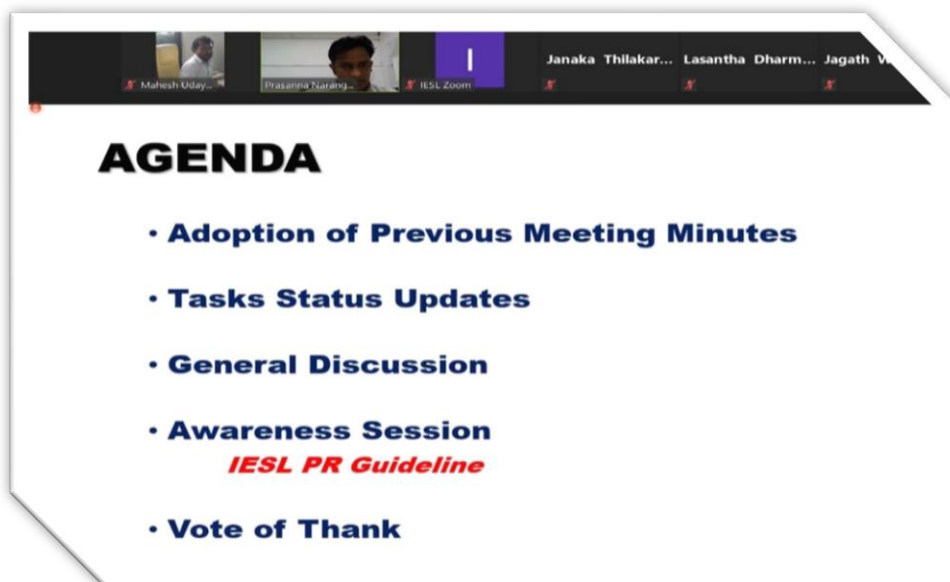
1.1 BSESC General Meeting for the Month of July 2021.



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/

CPD COURSE ON

DESIGN OF SEWAGE TREATMENT PLANTS

STP

"To provide sufficient knowledge on Sewage Treatment Plant designs"

ONLINE COURSE

CPD CONTINUING PROFESSIONAL DEVELOPMENT

IESL

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
(*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
B.Sc. (Natural Science)
30 Year Experience in water and Wastewater Treatment Industry
Managing Director at Enviroplus Engineers (Pvt) Ltd.
A Registered Consultants / Specialists in Environmental Pollution Control and Management at CEA
Agent for Advanced Waterlink - Australia

Eng. Dhanesh Gunatilleke
BSc Eng. (Hons.), MSc. Sanitary Engineering
(UNESCO-HE, DLR)
PG Dip. Eng. & Man., (Mscatwa), PG Dip. Stru. Eng. Design (Mscatwa),
Diploma in Sustainable Water Supply & Sanitation (Lund)
FE (SL), MCINEM (UK), IWA, and PE (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

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The poster features a large background image of a reverse osmosis plant with blue pipes and silver tanks. A circular graphic on the left contains the title. An inset image shows a smaller-scale RO system. The IESL logo is in the top right corner.

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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The poster has a blue and black background with a faint image of the Singapore skyline. The title is in large orange letters. The synopsis is in white text on a dark blue box. The IESL logo is in the top right corner.

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

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

PANELLISTS

Philipp Wellmann
MBA, Fachhochschule Munster, Germany
International Business Head – BMS & BIT DEOS AG

M. Shereef Ibrahim
Bachelor of Engineer, VTU India
General Manager – Middle east DEOS AG

Sayuri Sumithrarachchi
BSc. (Hons) in Electrical Engineering, Post Graduate Diploma in Industrial Automation, University of Moratuwa
Senior Electrical Engineer DIMO (PVT) Ltd

Indradeva Mendis
B.Sc. Engineering, MBA in Management of Technology, University of Moratuwa (Former) General Manager (Facilities Management), Overseas Realty (Ceylon) PLC, World Trade Center, Colombo

MODERATOR

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

All are Welcome

For more information
Jagath Wickramasekara
077 3543203

Organized by **Building Services Engineering Sectional Committee**

-The End-

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