



**Continuing Professional Development (CPD)
Committee of
The Institution of Engineers, Sri Lanka**



Continuing Professional Development (CPD) Committee
The Institution of Engineers, Sri Lanka

MID YEAR REVIEW

[From November 2023 to April 2024]

Agenda Item 03 -Discussion on CPD Programs conducted by CPDC

CPD 21: Mechanical Engineering Design

IESL CPD 23/24 -015

Mechanical Engineering Design



Course Content:

- ✓ Introduction to Engineering Design process
- ✓ Problem Identification and Clarification
- ✓ Problem Definition
- ✓ Creation of Design Concepts
- ✓ Evaluation of Concepts for Developing an Optimum Solution
- ✓ Determination of Mathematical Models
- ✓ Material Selection and Finalizing the Solution Geometry
- ✓ Communication of Design Solution

Contact Details:
0112698426 (Ext 210/216)
bahasuru@iesl.lk

Resource Persons

Senior Chartered Engineers
with Design Experience

Course Fee:

Member – Rs 48,000.00*
Non Member – Rs 67,100.00

*Applicable for those who maintain an "Active Membership with IESL" by the registration closing date.
Payment Modes: Refer annexure 1 for more details.
Registration will be on a first come first served basis.

Course Commencement Date:

June 01, 2024 at 09.00 am to 04.00 pm
(08 Saturdays)

Register & make the full payment on or before **May 30, 2024**

Assessment & Certificate:

Certificates will be issued only for those who will obtain the pass marks from the assessment test which will be conducted at the end of the course

Venue: IESL Head Office

Organized by the **Continuing Professional Development Committee** Jointly with **Mechanical Engineering Sectional Committee**

Commenced on: **June 01, 2024**

Participants: **Members: 39,**
Non-members 02,
Total - 41

CPD 22: Project Management Professionals (PMP)

CPD - 2023/24 - 24

Project Management Professional (PMP) Certification Training

Course Fee:

Member – Rs 38,800.00*
Non Member – Rs 54,200.00

Onsite Training!

*Applicable for those who maintain an "Active Membership with IESL" by the registration closing date.
Payment Modes: Refer annexure 1 for more details.
Registration will be on a first come first served basis.

Course Content

The globally recognized PMP® certification can help you land lucrative roles in engineering, construction, IT, manufacturing, finance, healthcare, and other exciting industries. PMP® certified project managers drive better project performance and are often rewarded with substantial pay raises.

Course Commencement:
June 30, 2024 at 09.00 am to 05.00 pm
(05 Sundays)

Register & make the full payment on or before **June 27, 2024**

Contact Details:
0112 698 426 (Ext 210/216)
bahasuru@iesl.lk

Resource Person:
Mr. Shanaka de Silva
BSc MIS, MBA, MSc, PMP, PMI-ACP, CSM, PMI-ILMC
Past President - PMI Colombo, Sri Lanka Chapter
Principal - Ernst & Young

Assessment & Certificate:
Certificates will be issued only for those who will obtain the pass marks from the assessment test which will be conducted at the end of the course

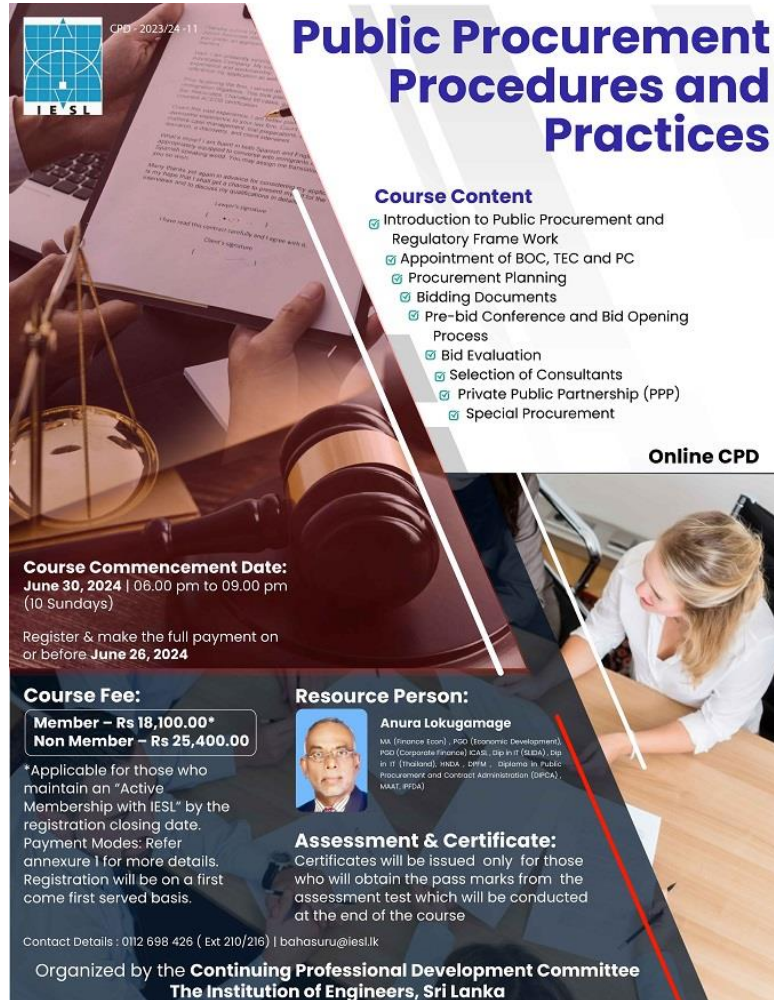
Organized by the **Continuing Professional Development Committee**
The Institution of Engineers, Sri Lanka



To be commenced on: **June 30, 2024**

Participants: **58 registrations**

CPD 23: Public Procurement Procedures and Practices



The poster features a background image of a person's hands holding a document, with a gavel and scales of justice in the foreground. The IESL logo is in the top left corner. The title 'Public Procurement Procedures and Practices' is prominently displayed in blue. Below the title is a list of course content items, each with a checkmark icon. The text 'Online CPD' is written in a dark box. The course commencement date and time are specified as June 30, 2024, from 06.00 pm to 09.00 pm, over 10 Sundays. Registration information and the course fee are provided in a dark box. The resource person's name and qualifications are listed, along with a small portrait photo. The assessment and certificate details are also included. Contact details and the organizing committee information are at the bottom.

Public Procurement Procedures and Practices

Course Content

- Introduction to Public Procurement and Regulatory Frame Work
- Appointment of BOC, TEC and PC
- Procurement Planning
- Bidding Documents
- Pre-bid Conference and Bid Opening Process
- Bid Evaluation
- Selection of Consultants
- Private Public Partnership (PPP)
- Special Procurement

Online CPD

Course Commencement Date:
June 30, 2024 | 06.00 pm to 09.00 pm
(10 Sundays)

Register & make the full payment on or before **June 26, 2024**

Course Fee:

Member – Rs 18,100.00*
Non Member – Rs 25,400.00

*Applicable for those who maintain an "Active Membership with IESL" by the registration closing date.
Payment Modes: Refer annexure I for more details.
Registration will be on a first come first served basis.

Resource Person:

Anura Lokugamage
MA (Finance Econ), PGD (Economic Development),
PGD (Cooperative Finance) ICAS, Dip in IT (IESL), Dip in IT (Institute), MBA, CPA – Diploma in Public Procurement and Contract Administration (DPPCA),
MAAT, IPDA

Assessment & Certificate:
Certificates will be issued only for those who will obtain the pass marks from the assessment test which will be conducted at the end of the course

Contact Details : 0112 698 426 (Ext 210/216) | bahasuru@iesl.lk

Organized by the **Continuing Professional Development Committee**
The Institution of Engineers, Sri Lanka

To be commenced on: **June 30, 2024**

Participants: **38 registrations**

CPD 24: Advanced Topics in Computer Aided Highway Design

Online CPD 23/24 -026

Advanced Topics in Computer Aided Highway Design



Course Content

- ☑ Design cross sections of a rehabilitation road
- ☑ Design cross sections of a new road
- ☑ Material quantity calculations
- ☑ Geometric design of roundabouts
- ☑ Level design of roundabout
- ☑ Geometric design of intersections
- ☑ Level design of intersections
- ☑ Drafting and drawing preparations

Course Fee

Member – Rs 8,200.00*
Non Member – Rs 11,500.00

*Applicable for those who maintain an "Active Membership with IESL" by the registration closing date. Payment Modes: Refer annexure 1 for more details. Registration will be on a first come first served basis.

Course Commencement Date:
June 29, 2024 at 08.00 pm to 10.00 pm
(08 Consecutive Saturdays)

Register & make the full payment on or before **June 27, 2024**

Resource Person

Eng. S. A. S.T. Salawavidana
CEng FIESL, CEng FICE (UK), CEng FCIHT (UK), MEng (Highway & Traffic), BSc.Eng (Hons), MBCS (UK), MCSSSL, ACIT (Colombo)



Assessment & Certificate

Certificates will be issued only for those who will obtain the pass marks from the assessment test which will be conducted at the end of the course

Contact Details : 0112 698 426 (Ext 210/216)
bahasuru@iesl.lk

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The Institution of Engineers, Sri Lanka

To be commenced on: **June 29, 2024**

Participants: **47 registrations**

CPD 25: Designing Solar Power Systems

IESL CPD 23/24 -025

Designing Solar Power Systems

Course Content:

- ☑ Solar resource, Demands, Trends and Technologies
- ☑ Potential identification and solar energy assessments
- ☑ Solar angles, Optimum orientation and tilt angle of the receiver plane
- ☑ Group Activity
- ☑ Solar PV and thermal system sizing and installation
- ☑ Economic assessment of solar energy systems
- ☑ Installation, commissioning and operation
- ☑ Practical Session

Resource Persons

 **Prof. J. G. A. S. Jayasekara**

 **Eng. Ruwan Nagahawatte**

Course Fee:

Member – Rs 17,200.00*
Non Member – Rs 24,100.00

*Applicable for those who maintain an "Active Membership with IESL" by the registration closing date.
Payment Modes: Refer annexure 1 for more details.
Registration will be on a first come first served basis.

Course Commencement Date:
June 30, 2024 at 09.00 am to 04.00 pm
(03 Sundays)
THE LAST DAY IS A PRACTICAL SESSION WITH HANDS ON EXPERIENCE!

Register & make the full payment on or before **June 28, 2024**

Assessment & Certificate:
Certificates will be issued only for those who will obtain the pass marks from the assessment test which will be conducted at the end of the course

Contact Details:
0112 698 426 (Ext 210/216)
bahasuru@iesl.lk

Venue: IESL Head Office

Organized by the **Continuing Professional Development Committee**
Jointly with **Mechanical Engineering Sectional Committee**

To be commenced on: **June 30, 2024**

Participants: **38 registrations**

CPD 26: Industrial Automation System

IESL CPD 23/24 - 025

Industrial Automation Systems

Course Content

- Introduction to Industrial Automation Systems
- Industrial Automation System Components
- PLC Architecture
- Basic Programming
- Basic Logic Instructions
- PLC Programming software & Application Examples
- High Level Instructions & Application Examples
- Human Machine Interfaces (HMI) & Application Examples
- Variable Frequency Drives & Application Examples
- Motion Control with Servo Drives, Motors & Application
- Examples
- Case studies

Venue
IESL Head Office

Course Commencement:
July 06, 2024
at 09.00 am to 04.00 pm
(04 Saturdays)

Register &
make the full payment
on or before
July 03, 2024

Course Fee:
Member – Rs 22,200.00*
Non Member – Rs 31,000.00

*Applicable for those who maintain an "Active Membership with IESL" by the registration closing date.
Payment Modes: Refer annexure 1 for more details.
Registration will be on a first come first served basis.

Resource Person:

**Eng. W. Sampath Mayura Kumara**
B.Sc. Eng. (Electrical & Electronics) (First Class Honors, MBA, University of Northampton-UK

**Eng. Sugath Jayatilake**
B.Sc (Eng)
Managing Director - Techfield (Pvt) Ltd

Assessment & Certificate:
Certificates will be issued only for those who will obtain the pass marks from the assessment test which will be conducted at the end of the course

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TechField Industrial Automation & Robotics
MITSUBISHI ELECTRIC

To be commenced on: **July 06, 2024**

Participants:

13 registrations