



**THE INSTITUTION OF ENGINEERS, SRI LANKA**  
The Apex Body for Professional Engineers in Sri Lanka

## **CONTINUING PROFESSIONAL DEVELOPMENT PROGRAMMES**

### **HAND BOOK 2014/2015**

The Institution of Engineers, Sri Lanka  
120/15, Wijerama Mawatha, Colombo 7.

Tel. 011 2 698 426, 2 685 490, 2 699 210  
Fax 0112 699 202

Web : [www.iesl.lk](http://www.iesl.lk)



## MESSAGE FROM CHAIRMAN OF CONTINUING PROFESSIONAL DEVELOPMENT COMMITTEE (2013/2014), IESL

Dear Member/Colleague,

The session 2013/2014 marks a significant year for the CPD committee of the IESL. The year 2014 was declared to be 'The Year of Professional Excellence' by the IESL. In line with this theme during the session the highest number of different CPD programs were offered to the membership and non-member engineering professionals. While the demand for most programs was more than expected, all of them were conducted successfully.



Based on post-program feedback from participants and inputs from members of the CPD committee, several new modules were introduced. These include courses on Telecommunication, Plumbing and Wastewater Management etc... The resource persons were recognized professionals from the industry.

The participants are being issued certificates of participation by the IESL at a grand certificate awarding ceremony. This is a novel concept introduced during the session and identified to be highly valued by the participants. The advanced notification of programs via IESL email alerts were quite helpful for the membership. The program contents were detailed out including brief profile of resource persons. The recipients found these communications very useful resulting in higher number of enrolments.

As the Chairman of the CPD committee, I am thankful for the support and valuable advices from the President and the Council of the IESL. I am greatly indebted to the CPD committee members who are professionals from various disciplines in engineering for their dedication and support and the members of the Education Division of the IESL secretariat who worked tirelessly to make the session successful.

This booklet gives a comprehensive understanding of what programs we conduct at the IESL and as the Apex body of Engineering in the Country you will get the best from us. We invite you to join the CPD program that paves your path to further professional development.

**Eng. Jayavilal Meegoda,**  
**Vice President - IESL**  
**Chairman - CPD Committee**

## CONTINUING PROFESSIONAL DEVELOPMENT (CPD) FOR ENGINEERS

Continuing Professional Development (CPD) is the process of continuous learning throughout the professional career in order to keep up with advancing technologies while developing skills and enabling true potential of the professional.

### WHY IS IT IMPORTANT FOR AN ENGINEER TO FOLLOW CPD PROGRAMS?

- Engineering knowledge today has a very short life
- Life-long Learning is needed to keep your knowledge and skills up-to-date
- CPD programs provide you an opportunity to update yourself and learn new things and focus on areas relevant to your current needs
- It also gives you an opportunity to meet and interact with engineers and other professionals with a common interest, and form networks with them, which will help in furthering your professional career.
- It helps to cultivate the learning-to-learn ability, which is a very important skill in career advancement
- CPD is a requirement for obtaining your charter and maintaining your Professional Engineer (PEng) status. It will also be a requirement for maintaining your Chartered Engineer (CEng) status too.
- When the engineers keep themselves updated with the current knowledge and advances in technology, as well as improve their communication and other soft skills, it leads to the improvement of the professional practices and elevation of the image of the engineer in society.

## THE CPD COMMITTEE OF IESL & CPD PROGRAMS

CPD Committee, which is one of the Standing Committees of the IESL is chaired by a Vice President. The Institution of Engineers, Sri Lanka has been providing CPD programs for engineers and other professionals interested in their career and personal development over many years under the guidance and supervision of the CPD committee. The programs are coordinated by the Education Division of the IESL secretariat.

The CPD programs are conducted mostly at weekends, so that the participants can attend the lectures and other activities without disrupting their normal duties.

There are programmes available in specific subject areas as well as important common topics such as management, communication skill development, Health and Safety etc.

The resource persons for CPD programmes are carefully selected from the best available in the country, and the feedback from the participants is used to continually improve the programmes over the years.

<http://www.iesl.lk>

## CPD COMMITTEE (2013/2014)

### COMMITTEE MEMBERS

1. Eng. Jayavilal Meegoda (chairman)
2. Eng. (Prof.) (Mrs.) N Ratnayake
3. Eng. Indika Walpitage
4. Eng. Madhawa Herath
5. Eng. Koojana Weerasinghe
6. Eng. S A P C Siriwardana
7. Eng. N T P G K S Nanayakkara
8. Eng. P Kalubowila
9. Eng. H D Chaminda
10. Eng. J R B Nedurana
11. Eng. (Prof.) S B S Abayakoon
12. Eng. (Ms) P M P Wijeratne
13. Eng. G T D M Kumara
14. Eng. Kithsiri Wijesundera
15. Eng. Palitha Abeywardena
16. Eng. L P Jayasinghe
17. Eng. (Dr.) Tissa U Liyanage
18. Eng. T N Nishantha
19. Eng. B B Perera
20. Eng. Chandana Dalugoda

### CPD PROGRAMS CONDUCTED BY IESL

Following are some of the CPD programs that were conducted in the session 2013/2014. Most programmes are conducted annually, and new programs are introduced when there is a need. Details of the programmes are given in the following pages.

**\* Please note that the course fees indicated in the advertisement is subject to change**

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# THE INSTITUTION OF ENGINEERS, SRI LANKA

## Continuing Professional Development Course on "MANAGEMENT DEVELOPMENT FOR ENGINEERS"



Duration : Fourteen consecutive Saturdays from 9.00 am - 4.00 pm

"Year of Professional Excellence"



### COURSE MODULES :

- Role of an Engineer in Society
- Communication Skills and Writing Skills
- Positive thinking and Systematic thinking
- Contract Administration
- Organization behavior
- International Economy
- Ethics and values
- Industrial relations
- Supervisory management
- Team building
- Project Cash Flow Management
- Technical report writing
- Project Management
- Health & Safety management
- Stress Management and Work life balances
- Introduction to Finance Management & Financial Literacy
- Interpreting Financial Statements and Decision Making
- Self Marketing and Personality Building & Attitudes
- Applicability of Basic law in Engineering practices in Sri Lanka
- New Trend and Public Fund Management
- Law of Contract
- Effective Speaking
- Conducting Meeting
- Effective Decision Making
- Total Quality Concept
- Evaluation of the course

### TARGET GROUP :

- Practicing engineers with at least two years of field experience

### RESOURCE PERSONS :

- Eminent Engineers, well experienced Professionals and Academics in the Public and Private Sectors

### VENUE :

- The Institution of Engineers, Sri Lanka,  
120/15, Wijerama Mawatha,  
Colombo-07.

### COURSE FEES :

- Rs. 45,000/= for members of IESL
- Rs. 50,000 /= for Non-members of IESL.

Refreshments, Lunch and course materials provided.

Online registration can be done through IESL web site ([www.iesl.lk](http://www.iesl.lk))

Since the number of places available for participants are limited, Registration will be on first come first served basis.

Cheques to be drawn in favour of "The Institution of Engineers, Sri Lanka"  
Account No: 000 23 23 113 , BOC - Independence Square and reach the IESL.

Manager (Education), The Institution of Engineers Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07  
Tel: 0112 698 426 Ext. 210/211/204 / Fax: 0112 699 202 / Web : [www.iesl.lk](http://www.iesl.lk) / E-mail: [manager.edu@iesl.lk](mailto:manager.edu@iesl.lk)



# THE INSTITUTION OF ENGINEERS, SRI LANKA

## Continuing Professional Development Course on "DESIGN OF ELECTRICAL INSTALLATION"



Duration : Seven consecutive Saturdays from 9.00 am - 4.00 pm



### OBJECTIVES :

- This is one of the most important courses available in Sri Lanka exclusively devoted to the design of Electrical installation for all those who design, install, inspect, test and maintain electrical installation.

### LEARNING OUTCOMES :

- On successful completion of the course, the participants should have an adequate knowledge to design an electrical installation in accordance with BS: 76712008 – Requirement for Electrical Installation (IEE Wiring Regulations).

### COURSE MODULES :

- Introduction, Simple Design Exercise, Purpose, Status and structure of the Regulations.
- Assessment of General Characteristics.
- Over-current Protection.
- Protection against Electric Shock.
- Design of Cable Systems, Sizing and Selection.
- Earthing and Bonding, Isolation and Switching.
- Special Installations and Locations, Inspection and Testing.
- Design of Lighting Installations.
- Lighting applications

### TARGET GROUP :

- IESL/IET members
- Professional Engineers
- Graduates from recognized Universities.

### RESOURCE PERSONS :

- Eng. Bernard Perera and the Panel

### VENUE :

- The Institution of Engineers, Sri Lanka,  
120/15, Wijerama Mawatha,  
Colombo-07.

### COURSE FEES :

- Rs. 30,000/= for members of IESL
- Rs. 35,000 /= for Non-members of IESL

Refreshments and course materials provided.

Online registration can be done through IESL web site ([www.iesl.lk](http://www.iesl.lk))

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# THE INSTITUTION OF ENGINEERS SRI LANKA

## Continuing Professional Development Course on Basic Air conditioning System Design



**DURATION:** Eight consecutive Saturdays from 9.00 am - 4.00 pm



### COURSE MODULES :

- Human Comfort , Basic Psychometric Principles , Applied Psychometric, Cooling Load Calculations With Practical Session, Ductwork Design, Fan Selection, Water Pipe Design, Pump Selections, Chiller Commissioning Steps, HVAC System Case Study, HVAC Controls- Variable Frequency Drives, HVAC Maintenance & Refrigerants, Energy Efficiency, Building Management Systems, Site visit

### TARGET GROUP :

- BSc engineers engaged in the field of Building services industry or HVAC industry or Civil, Electrical, Mechanical industry
- The technical personnel who are engaged in the building services field (Members and Non Members)

### RESOURCE PERSON/S :

- Eng. Chandana Dalugoda, CEng MIE(SL), MCIBSE, MASHRAE, GCGI, MConsE (SL)
- Eng. Sanjaya Ramanayake, BSc Eng, CEng MIE (SL), MBA IT, MSc
- Eng. Chandarasiri Wickramasinghe, CEng MIE (SL), MEng, MASHRAE

### VENUE :

- The Institution of Engineers, Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07

### COURSE FEES :

- Rs. 30,000/= for members of IESL
- Rs. 35,000 /= for Non-members  
(inclusive of Handouts, Refreshment and Lunch)

(Since the number of places available for participants are limited, Registration will be on first come first served basis.)

You can register online by accessing our website [www.iesl.lk](http://www.iesl.lk) and following the simple instructions given to do so. Application Forms could also be obtained from the Education Division of IESL by sending an email.

Please send in your completed application with the cheque or proof of payment to the IESL.

**Note:** The cheque to be drawn in favour of "The Institution of Engineers, Sri Lanka"  
Account No: 000 23 23 113, BOC Independence Square

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# THE INSTITUTION OF ENGINEERS SRI LANKA

Continuing Professional Development Course On

## "PLUMBING ENGINEERING"



Duration: Eight consecutive Saturdays from 9.00 am - 4.00 pm

"Year of Professional Excellence"

### COURSE OVERVIEW :

Plumbing engineering has become vital part of building services as it is one of essential services for proper operation of any type of buildings.

It is required to plan the plumbing systems of the buildings at design stage in order to eliminate issues during its maintenance.

Engineers need to have adequate awareness to provide solutions on following areas to establish trouble free plumbing system.

- \* Water Supply System
- \* Drainage Systems
- \* Waste water treatment and disposal
- \* Water Pumps
- \* Valves, Pipes, fittings and accessories

### COURSE OBJECTIVES :

Participant will enhance their knowledge on plumbing engineering aspects and practical usages. Course is comprised with worked practical examples thereby gain knowledge on design criteria.

### RESOURCE PERSONS :

- \* Eng R.M.P. Abeywardena,  
BSc. (Eng.), PG.Dip.(BSE), C.Eng., MIE(SL),  
PGDip.Bm(NIBM), AP (GBCSL)  
and Panel of resource persons

### COURSE OUTLINE :

- \* Basic Theory of Plumbing Engineering
- \* Worked Example of Total plumbing system at a High Rise building
- \* Hot water systems
- \* Basic theory of pumps and pumping applications
- \* Worked Examples of pumping system, Energy efficient, Optimizing of pumping systems
- \* Storm water, Waste, Sewer External drainage systems, Soakage, Septic tank , Treatment plants
- \* Water Treatment systems for Swimming pool, Ponds
- \* Gas, Compressed air systems
- \* Steam, Boiler systems
- \* Panel Discussion

### TARGET GROUP :

- \* Engineers

### VENUE :

- \* The Institution of Engineers, Sri Lanka,  
120/15, Wijerama Mawatha, Colombo 07

### COURSE FEES:

- \* Rs. 25,000/- for members
- \* Rs. 28,000/- for non-Members  
Lunch, Refreshment And Course  
Materials Provided

Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))  
Since the number of places available for participants are limited, Registration will be on first come first served basis.

Cheques to be drawn in favour of "The Institute of Engineers, Sri Lanka"  
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# THE INSTITUTION OF ENGINEERS SRI LANKA



Continuing Professional Development Programme On

## REPORT WRITING WORKSHOP

### Course Modules :

- Effectiveness and Efficiency aspects of Report Writing
- Getting the purpose clear
- Identifying the target group
- Structuring the report
- Style
- Formatting
- Sender's and Receiver's angle
- Sections, Paragraphs and Sentences
- Introduction
- Body and End
- Sentence Structures
- Designing coherent paragraphs
- Grammar
- Sentence length
- Selecting words
- Use of numbers Capitalizing Use of ICT in report writing
- Reviewing

### Duration :

- Two consecutive Saturdays & Sundays from 9.00 am - 4.00 pm

### For Whom :

- Any member who is keen to enhance his/her writing skills

### Resource Person/s :

- Nishantha Kamaladasa, B Sc Eng, FIE Sri Lanka, C Eng, CEO, Distance Learning Center
- Ms Noriko Jayasekera  
Instructor, University of Moratuwa

### Venue :

- The Institution of Engineers, Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07

### Course Fees :

- Rs. 18500/= for members of IESL
- Rs. 23,500 /= for Non-members  
Lunch, refreshment and course materials provided.

Since the number of places available for participants are limited, Registration will be on first come first served basis.

Application Forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk)) or obtained from the Education Division of IESL by sending an email.

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"Year of Professional Excellence"





Duration: Twelve consecutive days from 9.00am to 4.00pm

"Year of Professional Excellence"

## COURSE MODULES :

### PRE CONTRACT

Consultant Quantity Surveyor :

- Overall View of Duties of Consultant Quantity Surveyor
- Pre-Contract Cost Control
- Preparation of Preliminary Estimates
- Cost Plan
- Tender Methods/Contract Types
- Preparation of Tender Documents
- Preparation of Bill of Quantities
- Standard Method of Quantities
- Conditions of Contract

Contractor's Quantity Surveyor :

- Overall View of Duties of Contractor's Quantity Surveyor
- Tendering & Surveyor
- Consultant Quantity Surveyor
- Examination of Tenders and Awarding Contract

### POST CONTRACT

- Valuations
- Interim Valuation
- Variation Accounts
- Final accounts
- Cost Reporting

## TARGET GROUP :

- Engineers
- Quantity Surveyors
- NCT/Diploma/Higher Diploma holders with at least 5 years work experience

## RESOURCE PERSON:

- Mrs. G. Jayasoma,  
Chartered Quantity Surveyor,  
MRICS (UK), AAIQS(AUS), AIQS(SL)

## COURSE FEES:

- Rs. 32,500/- for members
- Rs. 35,000/- for non-Members

Lunch, Refreshment And Course Materials Provided

## VENUE:

- The Institution of Engineers Sri Lanka,  
120/15, Wijerama Mawatha,  
Colombo 07.

Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))

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THE INSTITUTION OF ENGINEERS, SRI LANKA  
**Continuing Professional Development**  
Course on  
**MODERN TELECOMMUNICATIONS**



**"Year of Professional Excellence"**

**Duration :- Seven consecutive Saturdays from 9.00 am to 4.00 pm**

**Course Objectives :**

The participant will gain overall knowledge on modern communication technologies. The course is intended to cover the evolution of communications with the major concepts in each technology in brief. The focus will be on fixed and mobile technologies with the details of radio access network, core network and transport network.

**Learning Outcomes :**

After attending the course the participant will be able to

- Understand the principles of the radio network, core network and transport network planning and their future trend
- Validate a network design based on capacity demand, coverage inputs.
- Evaluate the telecommunication network performance
- Understand the importance of radio spectrum, spectrum allocation principles, spectrum costing and management
- Enhance telecommunication project management capabilities.
- Get ready to adopt to new changes in the industry

**Target Group :**

- Practicing telecommunications professionals
- Graduate engineers
- IT professionals

**Venue :**

The Institution of Engineers Sri Lanka, No 120/15, Wijerama Mawatha, Colombo 07 and one site visit.

**Course Outline :**

- Introduction to Telecommunications
- Radio access technologies
- Coverage and capacity planning
- Quality of service management
- Fixed Access technologies
- Principles of Next Generation Telecommunication Networks
- Transport technologies used in mobile telecommunications
- Spectrum usage and management
- Essentials of telecommunications projects
- Industry trends
- Health and safety aspects
- Case study
- Field visit

**Resource Persons :**

- Eng. Indika Walpitige,  
B.Sc Eng (Hons), CEng, MIE(SL), IntPE(SL), MBA
- Eng. G.T.D.M Kumara,  
B.Sc. Eng, CEng, MIE, MBA
- Dhanushika S. Senanayake-  
B.Sc Eng (Hons), M.Sc, AMIE(SL), MIET(UK)

**Course fees :**

- Rs. 21,000.00 for members of IESL
- Rs. 24,500.00 for non members  
(includes Handouts, Refreshment and Lunch)

The cheque to be drawn in favour of "The Institution of Engineers, Sri Lanka"  
Account No: 000 23 23 113, BOC - Independence Square

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# THE INSTITUTION OF ENGINEERS, SRI LANKA

Continuing Professional Development Training Programme on

## Considerations in the Design of Wastewater Collection, Treatment, Disposal/Reuse and Storm Water Drainage

### Course Content

- Objectives of on-site wastewater treatment and disposal
- Design of onsite wastewater treatment systems to compliances with code of practice SLS 745 Part II. 2009
- Introduction to wastewater collections systems.
- Health & safety aspects, sampling, industry specific pre treatment.
- Introduction on biological wastewater treatment.
- Sludge treatment and disposal /re use.
- Treated wastewater disposal /re use.
- Operation & maintenance/troubleshooting.
- Important considerations in design of wastewater collection network / pumping stations
- Important considerations in design of storm water drainage systems
- Design aspects of waste stabilization pond systems
- Design aspects of activated sludge extended aeration systems

### Course Fee

- Rs. 10,500/= for members of IESL
- Rs. 15,000/= for non members  
(Lunch, Refreshment and hand outs provided)

### Duration

Three consecutive Sundays  
From 9.00 a.m. to 4.30 p.m.

### Target Group

- Engineers
- Architects
- Industrial Sector
- Hospitals
- Contractors
- Hotel Sector
- Armed Forces

### Resources Persons

Eng. Dhanesh Gunathilake,  
MSc. Sanitary Engineering , UNESCO-IHE, Delft  
FIE(SL), MCIWEM (UK), IntPE (SL), Specialist  
(Sewerage Designs), National Water Supply &  
Drainage Board

Eng. L. K. M. C. B. Jayawardane,  
MSc. Sanitary Engineering , UNESCO-IHE, Delft  
MIE(SL), Chief Engineer (Sewerage Designs)  
National Water Supply & Drainage Board

### Venue

The Institution of Engineers Sri Lanka,  
120/15, Wijerama Mawatha, Colombo-07

Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))

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"Year of Professional Excellence"

# THE INSTITUTION OF ENGINEERS, SRI LANKA

Continuing Professional Development Course on

## PROJECT MANAGEMENT



Duration : Eight consecutive Tuesdays and Wednesday from 5.30pm to 8.00pm

"Year of Professional Excellence"

### COURSE OBJECTIVES :

- Engineers who practice Project Management to be in line with the globally accepted frameworks.
- Awareness of best practices/ latest developments in Project Management discipline.
- Upgrade the knowledge of members on the universal "Body of Knowledge" – PMBOK.
- Enable the engineers to acquire the necessary competences for the effective application of knowledge in the workplace.

### LEARNING OUTCOMES :

- Ability to manage projects efficiently by controlling scope, cost and time in an appropriate manner.
- Appreciate the discipline of Project Management and the value it generates to the engineering sector.
- In-depth understand of monitoring and controlling engineering projects.

### TARGET GROUP :

- Engineers and professionals who would like to gain comprehensive knowledge in project management

### VENUE :

- The Institution of Engineers Sri Lanka, No 120/15, Wijerama Mawatha, Colombo 07.

### COURSE OUTLINE :

- Introduction
- Organizational Influences And Project Life Cycle
- Project Management Processes
- Project Integration Management
- Project Scope Management
- Project Time Management
- Project Cost Management
- Project Quality Management
- Project Human Resource Management
- Project Communications Management
- Project Risk Management
- Project Procurement Management
- Project Stakeholder Management
- Final Assessment

### RESOURCE PERSON :

- W Shanaka J de Silva  
PMP, MBA, BSc  
Vice President Professional Development,  
The Project Management Institute (PMI)  
Colombo Chapter

### COURSE FEES :

- Rs. 21,000.00 for members of IESL
- Rs. 24,500.00 for non members

(Refreshment and Course materials provided)

Online registration can be done through IESL web site ([www.iesl.lk](http://www.iesl.lk))

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# THE INSTITUTION OF ENGINEERS SRI LANKA



## Continuing Professional Development Course On **DESIGNING OF FIRE DETECTION AND PROTECTION SYSTEMS**

Duration : One Saturday & Nine consecutive Tuesdays and Thursdays from 5.30pm to 7.30pm

### Course Modules :

- Introduction to Fire Protection, Detection systems, International and local Regulations
- Pump selection for protection systems
- Design, Installation, Commissioning, testing and maintenance of Fire suppression systems
  - Wet-riser and sprinkler systems
  - Gas suppression, extinguishers, foam systems
- Design, Installation, Commissioning, testing and maintenance of Fire Detection systems
  - Basis of detection systems, design guideline



### Resource Persons :

- Eng Chandimal Jayakody
- Eng Sajeewa Perera
- Mr Wimal Kularathna  
Divisional Fire Prevention Officer

### Venue :

- The Institution of Engineers, Sri Lanka,  
120/15, Wijerama Mawatha, Colombo 07.

### For Whom :

Engineers ( Members and Non Members)

### Duration :

- One Saturday from 9.00 am to 4.00 pm &
- Nine consecutive Tuesdays and Thursdays  
From 5.30pm to 7.30pm

### Course Fee :

- Rs. 20,000/= for members of IESL
- Rs. 23,000 /= for Non-members

Refreshment and course materials provided.

Since the number of places available for participants are limited, Registration will be on first come first served basis.

Application Forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk)) or obtained from the Education Division of IESL by sending an email or self addressed stamped envelope.

Please send in your completed application with the cheque or proof of payment to the IESL.

Note: The cheque to be drawn in favour of "The Institution of Engineers, Sri Lanka" Account No: 000 23 23 113, BOC Independence Square

Deputy Executive Secretary (Education), The Institution of Engineers, Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07  
Tel: 0112 698 426 Ext. 210/211/204 / Fax: 0112 699 202 / Web : [www.iesl.lk](http://www.iesl.lk) / E-mail: [dhammika@iesl.lk](mailto:dhammika@iesl.lk), [des.edu@iesl.lk](mailto:des.edu@iesl.lk)

"Year of Professional Excellence"

# THE INSTITUTION OF ENGINEERS SRI LANKA

## Continuing Professional Development Course on Health & Safety Management



**DURATION :** Five consecutive Saturday from 9.00am to 4.00pm



**“Year of Professional Excellence”**

### Objectives :

Management of Health and Safety is now becoming the most important requirement of any organisation in order to survive in the business. Those organisations exporting products and services to other countries, need to prove their safety performance to remain in the market. The employees and contractors are now educated to the extent to take legal action against the employers or the organization providing products and services after an incident resulting in injury to their people or damage to their property.

### Learning Outcomes :

- Ability to manage employees and contractors to meet organizations targets on Health & Safety.
- Ability to develop competencies of the supervisors and employees in their hazard perception skills and their responsibilities on Health & Safety.
- Ability to use the modern techniques of Risk assessments, Investigation of incidents, Planning response to emergency situations and Soft skills needed for managing people.

### Duration :

Five Consecutive Saturdays from 9.00am  
04.00pm

### Target Group :

- Engineers.
- Middle and senior Management.
- Professionals (MBBS/ HR) with few years of experience.

### Course Outline :

- Loss prevention Concepts & Recognition of Hazards
- Specific Safety Management Systems 1
- Specific Safety Management Systems 2
- Risk management
- Accident Investigation and Analysis

### Resource Person :

Eng. Dhammika Welhenge  
BSc (hons). Chemical Engineering, C.Eng, MIESL, MAICHE

### Venue :

The Institute of Engineers Sri Lanka,  
120/15, Wijerama Mawatha, Colombo-07

### Duration :

Five Consecutive Saturdays from 9.00am  
04.00pm

### Course Fees :

Rs. 20,000.00 for Members  
Rs. 22,000.00 for non-members  
Lunch, refreshment and course materials provided.

Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk)).

Cheques to be drawn in favour of “The Institute of Engineers, Sri Lanka”  
Account No: 000 23 23 113 , BOC - Independence Square and reach the IESL.

Manager (Education), The Institution of Engineers Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07  
Tel: 0112 698 426 Ext. 210/211/204 / Fax: 0112 699 202 / Web : [www.iesl.lk](http://www.iesl.lk) / E-mail: [manager.edu@iesl.lk](mailto:manager.edu@iesl.lk)



# THE INSTITUTION OF ENGINEERS, SRI LANKA

## Continuing Professional Development Course on

# Professional Presence



Duration : One Saturday from 9.00 am to 1.00 pm

### Course Objectives :

- To provide social educational programme.
- To enable the engineers to be aware of the essentials of corporate grooming and business etiquette.
- To improve the knowledge of social ethics
- To enhance the professional ethics.

### Course Outline :

- Why should we strive for etiquette excellence.
- Demeanour & Poise.
- Clothes and Accessories.
- Dining etiquette.

### Target Group :

- Professionals (Engineers, Managers).

### Venue :

- JAIC Hilton Towers ,Hilton Colombo Residence, 200 Union Place, Colombo 02.

### Course Fees :

- Rs. 5,500.00 for members of IESL
- Rs. 6,000.00 for non members  
(Lunch, refreshment and course materials provided)

### Resource Persons :

- Ms Manusha Weerakkody  
BS(HRM), Licensed master Practitioner/  
Trainer in NLP (UK/USA), Member of  
Association of Human Resource  
Professionals, Immediate Past President  
of Junior Chamber International Sri  
Lanka



Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))

(Since the number of places available for participants are limited, Registration will be on first come first served basis.)

Cheques to be drawn in favour of "The Institution of Engineers, Sri Lanka"  
Account No: 000 23 23 113 , BOC - Independence Square and reach the IESL.

Manager Education, The Institution of Engineers Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07  
Tel: 0112 698 426 Ext. 210/211/204 Fax: 0112 699 202 Web : [www.iesl.lk](http://www.iesl.lk) E-mail: [manager.edu@iesl.lk](mailto:manager.edu@iesl.lk)



# THE INSTITUTION OF ENGINEERS SRI LANKA

Continuing Professional Development Course on  
**Fundamentals of Water Quality, Water Safety, Guidance  
on Design of Water Treatment Systems and Operations  
and Maintenance of Water Treatment Plants**

**Duration : Three consecutive Tuesdays from 9.00 to 16.30**



**“Year of Professional Excellence”**

### **COURSE CONTENT :**

- Need for water treatment and safe water distribution
- Water Treatment Process (Aeration/ coagulation/ Flocculation/ Sedimentation /Filtration/ Disinfection)
- Membrane filtration
- Iron resin exchange
- Design considerations in Water Treatment
- Catchment protection
- Ground water pollution and its control
- Water quality standards and health aspects
- Water sources, pollution and impurities
- Chemical aspects of water treatment
- Effects of chemical usage in water treatment
- Water quality monitoring / Water safety plan

### **VENUE :**

- The Institution of Engineers, Sri Lanka,  
No 120/15, Wijerama Mawatha,  
Colombo - 07

### **COURSE FEES :**

- Rs. 10,500/= for members of IESL
- Rs. 13,500/= for non members  
Lunch, Refreshment and course materials provided.

### **TARGET GROUP :**

- Engineers
- Chemists
- Civil Contractors
- Environmentalists
- Maintenance managers in Hotels sector and Industrial Sector
- Relevant Ministries
- Investment Promotion Zones
- Armed Forces
- Universities

### **DURATION :**

- Three consecutive Tuesdays  
From 9.00 a.m. to 4.30 p.m.

### **RESOURCE PERSON/S :**

- Eng. R. R. P. N. Ratnayake  
(Water Treatment Specialist/  
National Water Supply & Drainage Board)  
B.Sc. Eng. (Hons),  
PG Dip. in Environmental Engineering, MIE(SL)
- L. P. R. J. Wijesinghe  
(Chief Chemist / National water Supply &  
Drainage Board)  
B.Sc. (Hons), M.Sc. (Analytical Chemistry),  
PG Dip. (Toxicology), M. I. Che. C., F.I. Che.C,  
C.Che.

Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))  
Since the number of places available for participants are limited, Registration will be on first come first served basis.

Cheques to be drawn in favour of "The Institute of Engineers, Sri Lanka"  
Account No: 000 23 23 113 , BOC - Independence Square and reach the IESL.

Manager (Education), The Institution of Engineers Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07  
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THE INSTITUTION OF ENGINEERS, SRI LANKA  
Continuing Professional Development Course On  
**MANAGEMENT AND DISPUTE RESOLUTION OF  
CONSTRUCTION CONTRACTS**



**Duration: Five Consecutive Saturdays from 9.00am to 1.15pm**



"Year of Professional Excellence"

**COURSE OBJECTIVES :**

- To provide awareness of latest developments in the subject area.
- To enable the engineers to acquire the necessary competency for application of knowledge in the workplace.
- To improve communication and management skills of engineers etc.

**LEARNING OUTCOMES :**

- Ability to Communicate effectively.
- Ability to present a viewpoint in a logical and appealing manner.

**TARGET GROUP :**

- Engineers and other Professionals in the construction industry.

**RESOURCE PERSON/S:**

- **Eng. (Dr.) Ananda Ranasinghe**  
BSc Eng (Hons), M ToCh(Const. Mgt ), M Eng(Struct Eng), PhD, C Eng, FIE(SL), FICE, FI Struct E, ACI Arb, Attorney -at-Law
- **Eng. G H Lawrence**  
BSc Eng, LLB, Dip Arb(ICLP), PGD(Const Mgt), C Eng, FIE(SL), MICE, Attorney -at-Law

**COURSE OUTLINE:**

The list of topics to be covered with time allocated for each topic, and if activities other than lectures are to be conducted, brief details of such activities.

- Contract Law
- FIDIC and ICTAD Conditions of Contract
- Contract claims
- Minimizing and resolution of disputes in the construction industry

**COURSE FEES:**

- Rs. 11,500/- for members
  - Rs. 13,500/- for non-Members
- Lunch, Refreshments and Course material are provided

**VENUE:**

- The Institution of Engineers Sri Lanka,  
120/15,  
Wijerama Mawatha,  
Colombo 07.

Application forms may be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))

Since the number of places available for participants are limited, Registration will be on first come first serve basis.

Cheques to be drawn in favour of "The Institute of Engineers, Sri Lanka"  
Account No: 000 23 23 113 , BOC - Independence Square and reach the IESL.

Manager (Education), The Institution of Engineers Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07  
Tel: 0112 698 426 Ext. 210/211/204 / Fax: 0112 699 202 / Web : [www.iesl.lk](http://www.iesl.lk) / E-mail: [manageredu@iesl.lk](mailto:manageredu@iesl.lk)

# THE INSTITUTION OF ENGINEERS, SRI LANKA

## Continuing Professional Development Course on “EXTRA LOW VOLTAGE SYSTEMS - Part 1”



Duration : Seven Consecutive Sundays

“Year of Professional Excellence”

### COURSE OBJECTIVES :

- Participants will enhance their knowledge on ELV applications and practical usage. Course comprises worked practical examples thereby gain knowledge on design criteria.

### COURSE OUTLINE :

- **CLOSED CIRCUIT TELEVISION (CCTV)**  
Fundamentals, types of cameras, types of storage equipment, cables, power supplies, monitoring devices, camera selections, storage selection, latest technologies, integration with other systems, design examples
- **BUILDING AUTOMATION SYSTEM (BMS)**  
Fundamentals, basic components, basic electronic principles, different architectures, analog & digital signal processing, PI & PID loops, feedback loops, point list preparation, BOQ, integration with other systems, design examples
- **STRUCTURED CABLING**  
Fundamentals, standards, topologies, advantage over conventional systems, type of cables, terminations, attenuations, design examples

### DURATION

- Seven consecutive Sundays from 9.00 am to 4.00pm

### TARGET GROUP :

- Engineers
- Professionals working in Building Services field

### RESOURCE PERSONS :

- Mr. Samantha Gunawardane
- Mr. Prasanna Narangoda
- Mr. Lal Wickramasekara

### VENUE :

- The Institution of Engineers, Sri Lanka, 120/15, Wijerama Mawatha, Colombo-07.

### COURSE FEES :

- Rs. 24,500/= for members of IESL
- Rs. 27,500 /= for Non-members

Lunch, refreshments and course materials provided.

Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))  
Since the number of places available for participants are limited, Registration will be on first come first served basis.

Cheques to be drawn in favour of “The Institution of Engineers, Sri Lanka”  
Account No: 000 23 23 113, BOC - Independence Square and reach the IESL.

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# THE INSTITUTION OF ENGINEERS SRI LANKA

## Continuing Professional Development Course On

### CORROSION & ANTI - CORROSIVE PROTECTIVE COATINGS



Duration: Eight Consecutive Tuesdays from 5.30pm to 7.30pm



"Year of Professional Excellence"

#### COURSE OBJECTIVES :

- Engineers who practice this Program to be in line with the globally accepted painting standards.
- Awareness of best practices/ latest developments in marine heavy Duty coatings
- Upgrade the knowledge in corrosion and designing anti corrosive system
- Enable the engineers to acquire the necessary competences for the effective application of knowledge in the workplace.

#### LEARNING OUTCOMES :

- Better understanding on corrosion, industrial applications and theory behind
- Awareness of international and local painting standards.
- In-depth understand of selecting and applying best anti-corrosive solutions

#### TARGET GROUP :

- Engineers engaged with marine applications
- Telecommunication, Electrical, Broadcasting and Other tower/mast related Engineers
- Steel and Steel Fabrication, Design Engineers
- And also,
  - o Engineering officer
  - o Technical officer
  - o Technical Supervisors
  - o Paint applicators in any discipline

#### COURSE OUTLINE:

- Brief introduction to marine heavy Duty coatings
- How to design a anti corrosive system
- ISO 12944
- Loss minimizing techniques and disadvantage of lower Pot life products
- Corrosion control commitments how to identify Metals and Rust oxides
- Corrosion prone areas and stripe coating methods
- DFT/WFT measurements (Dry Film Thickness)
- DFT Control and build up to 200- 320+ Microns DFT
- Mixing ratios of 2 pack epoxy marine paints
- Display Measuring Tools for interested parties

#### RESOURCE PERSON/S:

- Mr. Aruna Rajaratne, Qualified Coating Inspector Head of Sigma Marine Coating Operations in Sri Lanka & Maldives, Dockyard General Engineering Services ( Pvt ) Ltd
- Mr. F J L Felix, Asst General Manager - Sales, Dockyard, General Engineering Services ( Pvt ) Ltd

#### VENUE :

- The Institution of Engineers, Sri Lanka 120/15, Wijerama Mawatha, Colombo 07.

#### COURSE FEES:

- Rs. 10,500/- for members
- Rs. 12,000/- for non-Members
- Refreshment And Course Materials Provided

Online registration can be done through IESL web site ([www.iesl.lk](http://www.iesl.lk))

Since the number of places available for participants are limited, Registration will be on first come first served basis.

Cheques to be drawn in favour of "The Institution of Engineers, Sri Lanka"  
Account No: 000 23 23 113, BOC - Independence Square and reach the IESL.

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# THE INSTITUTION OF ENGINEERS, SRI LANKA

Continuing Professional Development Course on

## ACCOUNTING FOR ENGINEERS



Duration : Ten consecutive Wednesdays from 5.30pm to 7.30pm



### OBJECTIVES :

- Awareness of Basic Accounting Principles, Financial Statements, Working Capital Management, Budget and Key Performance Indicators

### COURSE OUTLINE :

#### Part A: Conceptual Framework of Financial Statements

01. The Definition, objective, usefulness and limitation of Financial Reporting
02. The basis and underlying assumptions of Financial Statements
03. Recognition of elements of Financial Statements and Measurement of elements
04. International Financial Reporting Standards (IFRS)
05. Sri Lanka Accounting Standards (LKAS)
06. Statement of Recommended Practices (SoRPs)
07. Qualitative characteristics of financial information
08. Accounting equation
09. Introduction of contract costing
10. Overhead absorption

#### Part B: Discussion on Financial Statements (as output)

11. Statement of Financial Position/Balance Sheet
12. Statement of Comprehensive Income/ Statement of Financial Performance/Profit & Loss Account
13. Notes to the Financial Statements with summary of significant accounting
14. Statement of Changes in Equity
15. Statement of Cash Flows

#### Part C: Working Capital Management

16. What is working capital and its elements
17. How it is calculated
18. The working capital cycle
19. Key to success working capital management
20. Budget and variance analysis

### COURSE OUTLINE Contd. :

#### Part D: Key Performance Indicators (KPIs)

21. Profitability Ratios
22. Efficiency Ratios
23. Leverage Ratios
24. Liquidity Ratios

### TARGET GROUP :

- Engineers

### RESOURCE PERSONS :

- Mr. J.M.D.Wijeweera, Actg. Additional Finance Manager (Head Quarters), Ceylon Electricity Board
- Ms. W.M.M.Ladisha, Deputy Finance Manager (Consolidation & Systems), Ceylon Electricity Board
- Ms. Gayani Thiyambarawaththa, Accountant (Planning), Ceylon Electricity Board

### VENUE :

- The Institution of Engineers, Sri Lanka, 120/15, Wijerama Mawatha, Colombo-07.

### COURSE FEES :

- Rs. 12,250/= for members of IESL
  - Rs. 14,000 /= for Non-members
- Refreshments and course materials provided.

Online registration can be done through IESL web site ([www.iesl.lk](http://www.iesl.lk))

Since the number of places available for participants are limited, Registration will be on first come first served basis.

Cheques to be drawn in favour of "The Institution of Engineers, Sri Lanka"  
Account No: 000 23 23 113 , BOC - Independence Square and reach the IESL.

Manager (Education), The Institution of Engineers Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07  
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# THE INSTITUTION OF ENGINEERS, SRI LANKA

## Continuing Professional Development Course on HIGHWAY & TRAFFIC ENGINEERING

Duration : Eight Consecutive Fridays & Saturdays  
from 2.00pm to 7.00pm



**"Year of Professional Excellence"**

### Course Modules :

- An Introduction to Transportation Planning
- Economic Appraisal of road Projects
- An Introduction to Traffic Engineering Practices
- Geometric Design Aspects of National & Provincial Roads
- Pavement Designing of Highways – Empirical and Structural approaches
- Planning and Design aspects of roadway Drainage
- GIS Applications in Road & transport planning
  - a. GIS based Road Information System
  - b. An Introduction to Highway Information Management Systems
- Road Construction Practices (setting out to completion)
- An Introduction to Expressway designs
- Design of Highway Bridges
- Use CAD applications in Roads & intersection Designs
- Road Safety Auditing during design, construction & operational phases

### Venue :

- The Institution of Engineers, Sri Lanka,  
No 120/15, Wijerama Mawatha,  
Colombo - 07

### Target Group :

- Practicing Engineers of roads & transport sectors
- Pre-Charter PR candidates
- Middle & Senior management level engineers of relevant institutions

### Resource Person/s :

- Eng (Dr) Saman W, DD - RDA
- Eng HMKGG Bandara, Director - Planning/RDA
- Dr Tissa Liyanage, Managing Director - MHEC (Pvt.) Ltd
- Eng D Ganesan, Director - Highway Designs - RDA
- Eng.(Mrs) I Ranasoma, DD - R&D - RDA
- Eng (Mrs) Chinthia Wijesinghe, Chief Engineer - RDA
- Ms Nayana Padmini, GIS unit - RDA
- Eng Lenadora, DD - RDA
- Eng. J Jayamanna, Consultant - RDA
- Eng Granie R Jayalath, DD - RDA
- Eng Rohitha Swarna, Director ES - RDA
- Eng; Haseeba, DD - RDA
- Eng. Suneth Thushara, SDE - RDA
- Eng.(Dr) Jayalath Edirisinghe, Senior Lecturer - UOP

### Course Fees :

- Rs. 28,000.00 for Members
- Rs. 30,000.00 for non-members  
Refreshment and course materials provided.

Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))

Since the number of places available for participants are limited, Registration will be on first come first served basis.

Cheques to be drawn in favour of "The Institution of Engineers, Sri Lanka"  
Account No: 000 23 23 113 , BOC - Independence Square and reach the IESL.

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# THE INSTITUTION OF ENGINEERS, SRI LANKA

## Continuing Professional Development Course on VERTICAL TRANSPORTATION IN BUILDINGS



Duration : Seven consecutive Sundays from 9.00am to 4.30pm



### OBJECTIVES :

- To provide knowledge on operational and safety components of elevators
- To have hands on experience on Planning vertical transportation in buildings
- To provide awareness on technical developments in elevator industry
- To be conversant in regulations and guide lines on safe installation

### LEARNING OUTCOMES:

- Ability to provide guidance to Architects on optimizing the system while complying to the regulations
- Ability to do a traffic analysis
- Ability to prepare specifications on equipments
- Ability to inspect and commission the new systems
- Improvement on management skills in operation & maintenance

### TARGET GROUP:

- Engineers engaged in designing, installing & commissioning of building services engineering
- Facility Managers / Engineers involved in operation, maintenance and safety
- Architects involved in designing high rise buildings
- Engineers involved in evaluation of building services

### VENUE:

- The Institution of Engineers, Sri Lanka, No 120/15, Wijerama Mawatha, Colombo 07.

### COURSE OUTLINE:

- Introduction to elevator types, design and components
- Safety rules for the construction and installation of lifts
- Modern elevators
- Method of planning passenger transportation systems in buildings
- Selection, Specifications and Procurement of elevators
- Readiness of Structural core & Building service for installation
- Modernization vs replacement
- Installation and requirements of standards
- Inspection, Commissioning and Periodical Testing
- Escalators and Moving Walks
- Operation and safe use of elevators
- Routine, Condition and Preventive Maintenance of elevators
- Field visit to an integrated vertical transportation system

### RESOURCE PERSONS:

- Mr. D.U.Amarasinghe, Chief Engineer (Lifts), Ceylon Electricity Board
- Mr. P. Ariyaratne, Consultant - OTIS Elevators
- Mr. Dharshana Wijesundara, Maintenance Manager - Mitsubishi Elevators
- Mr. T.N.M.Silva, Electrical Engineer (Lifts), Ceylon Electricity Board

### COURSE FEES :

- Rs. 21,000 for Members
- Rs. 24,500 for non-members  
Refreshments, Lunch & Course Materials Provided.

Online registration can be done through IESL web site ([www.iesl.lk](http://www.iesl.lk)) .

Cheques to be drawn in favour of "The Institution of Engineers, Sri Lanka"  
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# THE INSTITUTION OF ENGINEERS SRI LANKA

## Continuing Professional Development Training Programme on ENVIRONMENTAL IMPACT ASSESSMENT



Duration - Eight days from 8.30am to 5.00pm, to be conducted as two parts



"Year of Professional Excellence"

### COURSE OBJECTIVES :

- To provide awareness for the participants about the latest developments in global environmental issues mainly due to development, approaches for mitigation of such environmental issues and the role of the Engineer.
- To update the participants about the Environmental Regulations Framework in Sri Lanka.
- To provide a comprehensive knowledge related to the Environmental Impact Assessment Process adopted in Sri Lanka and Environmental Safeguard Process followed by International Institutions such as the ADB, the World Bank etc.
- To enable the participants to effectively apply their engineering knowledge in the prediction, quantification and mitigation of impacts on the physical environment, such as hydrology, soil mechanics, mathematical modeling, environmental pollution control etc.
- To make the participants aware of the impacts of development activities on the social and natural environment, and their responsibility towards society.
- To improve communication or management skills of engineers in relation to communicating environmental related information.

### LEARNING OUTCOMES :

- Ability to effectively participate and contribute in discussions, express opinions about global environmental issues and trends and Sri Lanka's commitment to sustainable development, International Treaties and Conventions related to the Environment.
- To be aware of the Environmental Regulatory Framework in Sri Lanka and the requirement to comply with Environmental Safeguard Frameworks of International Institutions during project preparatory and feasibility stages.
- To appreciate the purpose and role of Environmental Impact Assessment in the decision making process.
- Ability to avoid or minimize social and environmental concerns in their engineering designs.
- To be prepared to serve as a professional of a Team of Consultants who undertake an Environmental Impact Assessment Study.
- To be able to prepare the Terms of Reference and to evaluate an EIA Report submitted by a client as an officer in a Project Approving Agency.

### TARGET GROUP :

- Corporate and Associate Members of the IESL & Non-Members

### DURATION :

- Eight days to be conducted as two parts  
1st Part : Two consecutive Saturdays and Sundays from 8.30am to 5.00pm  
2nd Part : Four consecutive days from 8.30am to 5.00pm

### COURSE OUTLINE :

- Overview of Environmental Policies and Legislation in Sri Lanka; Environmental Safeguard Requirements of International Organisations;
- Overview, Planning and Management of Environmental Impact studies; Proposal Development, General duties of team members, interdisciplinary and multidisciplinary team management, Social control
- Description of the Affected Environment; Environmental indices and indicators for describing the affected environment.
- Analysis of Alternatives; Extended Cost Benefit Analysis.
- Prediction, Assessment and Mitigation of Impacts.
- Preparation of the Environmental Management Plan and the Environmental Monitoring Plan.
- Preparation of the Written Documentation.
- Public Participation in Environmental Decision Making.

### VENUE:

- 1st Part - IESL Head Quarters, Colombo 07 (Not residential)
- 2nd Part - Kalawana Holiday Resort, Kalawana (Residential)

### RESOURCE PERSON/S

- Professor (Ms.) R. Ratnayake, Senior Professor, University of Moratuwa
- Mrs. Kanthi de Silva, Director IIA, Central Environmental Authority
- Dr. Samith Pilapitaya, Sri Lanka Residence Mission, World Bank (TBC)
- Dr. P. Bandara, Sri Lanka Resident Mission, Asian Development Bank
- Mr. Chandira Wickramasinghe, Chairman, Commission de Ceylon (TBC)
- Dr. Anil Premaratne, Director General, Coastal Resources Management Department (TBC)
- Mr. Anand Lal Nanayakkara, Attorney at Law (TBC)
- Dr. Jagath Manatunga, Senior Lecturer, Department of Civil Engineering, University of Moratuwa
- Mr. L. Ranwala, Freelance Consultant
- Professor Ajith de Alwis, Department of Chemical and Process Engineering, University of Moratuwa
- Dr. Mahesh Jayawera, Senior Lecturer, Department of Civil Engineering, University of Moratuwa
- Professor Dewaka Weerakoon, Department of Zoology, University of Colombo
- Mr. K. Jayapala, Sociologist
- Mr. Sharmila Vidanage, IUCN
- Mr. W. A. D. Wijesooriya, Independent Expert in EIA (TBC)
- Mr. Hemantha Withanage, Executive Director, Centre for Environmental Justice (CEJ)

### COURSE FEES :

- Rs. 50,000.00 for members of IESL
- Rs. 55,000.00 for non members  
1st Part : Lunch, Refreshment and Course materials provided  
2nd Part : Accommodations, Meals, Refreshment and Course materials provided

Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))  
Since the number of places available for participants are limited, Registration will be on first come first served basis.

Cheques to be drawn in favour of "The Institution of Engineers, Sri Lanka"  
Account No: 000 23 23 113, BOC - Independence Square and reach the IESL.

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**THE INSTITUTION OF ENGINEERS SRI LANKA**  
Continuing Professional Development Course on  
**"SPEECHCRAFT PROGRAM"**

Duration : Ten consecutive Saturday  
from 10hrs to 12hrs

**Course Objectives :** The objective of conducting a speechcraft program is to improve communication and leadership skills of engineers.

**Learning outcomes :**

- Ability to Communicate effectively by comprehending the subject and expressing clearly.
- Ability to rephrase what is read or heard using one's critical ability.
- Ability to present a viewpoint in a logical and appealing manner explaining the limitations.
- Ability to speak in public, deliver impromptu speeches and handle visual aids.
- Ability to listen and make use of body language.

**Course Outline :** Experienced Toastmasters present and demonstrate the fundamentals of public speaking in a relaxed and enjoyable atmosphere. Participants will gain required communication and leadership skills by doing.

**Target Group :** Professionals (Engineers, Manager)

**Resource Person/s :** IESL Toastmaster Club members headed by DTM Sameem M Saleem

**Venue :** The Institution of Engineers Sri Lanka, No 120/15, Wijerama Mawatha, Colombo 07

**Course Fees :** Rs. 10,000.00 for members of IESL  
Rs. 11,000.00 for non members  
Refreshment and course materials provided

Application forms could be downloaded from the IESL website ([www.iesl.lk](http://www.iesl.lk))  
(Since the number of places available for participants are limited, Registration will be on first come first served basis.)

Cheques to be drawn in favour of "The Institute of Engineers Sri Lanka"

Account No: 000 23 23 113 , BOC - Independence Square and reach the IESL on or before 30 July 2014.

Manager Education, The Institution of Engineers Sri Lanka, 120/15, Wijerama Mawatha, Colombo 07

Tel: 0112 698 426 Ext. 210/211/204 / Fax: 0112 699 202 / Web : [www.iesl.lk](http://www.iesl.lk) / E-mail: [manager.edu@iesl.lk](mailto:manager.edu@iesl.lk)

## CPD PROGRAMS CONDUCTED BY IESL

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