



# United Engineering Services

Consultancy, Energy Audit, Instrumentation, Maintenance Management System, Safety Audit, Technical Audit and Trainings



**Pakistan Engineering Council**  
Continuing Professional Development (CPD)  
Approved Training Program

In view of the increasing pace of change, United Engineering Services brings you learning Programs for Improvement of Technical Skills. Individuals who endeavor to improve themselves must attend the events. United Engineering Services, made possible through Learning Bites.

## Motor Maintenance and Testing

**At Regent-Plaza Hotel, Karachi**

**Wednesday 10<sup>th</sup> –May 2017**

**CPD Point “0.5”**



### Objectives:

- Motors are the most critical part of Electrical equipments
- 90% faults arise from motors
- Need special skill for Maintenance

### Who Should Attend:

- Engineers / skilled personnel working in Electrical maintenance departments.

### Workshop Fee:

▪ Fee for program is  
**Rs. 11,500/- per participant**  
Which includes workshop material, certificates, and lunch

▪ Please send your nomination(s), along with the workshop fee, before May 9<sup>th</sup>, 2017 Payment should be made in favor of **“United Engineering Services”**

### Timing:

09:30 a.m. to 04:30 p.m

### Workshop Contents:

- Motors Structure
- Types of Motors
- Duty Types
- Insulation Classes
- Power Factor of Motor at No-load Condition
- Motor no load current
- Standard Tests
- Factory Type Tests
- Additional Tests
- Behavior of The Motor Under Abnormal Operating Conditions
- Motor Starters
- Motor Protections

**Early Bird Discount:** 10% per participant (Before 8<sup>th</sup> May 2017)

**Multiple Nominations:** Three or more nominations are entitled for a further discount 10% per participant.

### Note:

If any participant requires CPD Certificate. **20%** Extra fee will be charged.

The distinguishing features of Learning Bites are:-

- They are designed to be an easy and learnable material.
- They are highly pocket friendly opportunity, and above all,
- They are digestible, accessible, and affordable.



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