

ETAP POWER SYSTEM ANALYSIS WORKSHOP REGISTRATION

Attention ETAP users and prospective users. Plan to attend an ETAP workshop event in your area. Get the most of this powerful software platform by increasing your knowledge of ETAP. Sessions are presented by certified ETAP instructors with extensive experience in ETAP and power systems. Past attendees have found excellent value in these workshops and have greatly improved their productivity.

Course #115 is for engineers that have an electrical background, but haven't taken formal ETAP training before. It begins with the basics of one-line diagram creation, data entry, and quickly expands the users' knowledge to include methods to automatically perform multiple 'what if' studies using multiple scenarios. The course includes Short-Circuit, Load Flow, Motor Starting review, Transient Analysis, Harmonic analysis, Device Coordination, and Detailed Arc Flash Analysis, as well as review of Transformer Sizing and Ground Grid design.

All courses are **LIMITED** to 20 participants, so please register early!

We are pleased to present a series of workshops and seminars for ETAP in locations across India.

Location	Dates and Duration	Training Courses	Cost per Attendee
Mumbai	April 4 – April 8, 2011	5-Day -ETAP Course #115	₹25,000
Chennai	May 2- May 6, 2011	5-Day -ETAP Course #115	₹25,000
New Delhi	May 30 - June 3, 2011	5-Day -ETAP Course #115	₹25,000
Mumbai	Aug 1 - Aug 5, 2011	5-Day -ETAP Course #115	₹25,000
Chennai	Sep 5 – Sep 9, 2011	5-Day -ETAP Course #115	₹25,000
New Delhi	Oct 3 - Oct 7, 2011	5-Day -ETAP Course #115	₹25,000
Mumbai	Dec 5- Dec 9, 2011	5-Day -ETAP Course #115	₹25,000

Payment in full must be received two weeks prior to start date of course.

Cancellations will be fully refunded if received 30 days prior to commencement of course. Cancellations received after the 30 day period and up to and including 15 days prior to course will be credited for a future ETAP Workshop of similar value.

Course Registration includes refreshments and lunch.

Each participant is provided a computer with ETAP software loaded for use during class time for the 5-Day courses.

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Location	Dates and Duration	Course #	# of Attendees	Cost INR	Total
K Star Hotel, Plot no. 46 & 55, Sect-11, Near CBD Belapur Rly Stn., Mumbai, Ph. 022- 6626 9111	April 4 – April 8, 2011	115		₹25,000	
Hotel Vestin Park Hall: Green Land 39, Montieth Road, Egmore, Chennai – 600008 Phone No:044-28527171	May 2- May 6, 2011	115		₹25,000	
New Delhi	May 30 - June 3, 2011	115		₹25,000	
Service Tax				10.3%	₹2575
				Total	₹27,575

Company: _____

Name: _____ **Phone:** _____ **Email:** _____

Name: _____ **Phone:** _____ **Email:** _____

Name: _____ **Phone:** _____ **Email:** _____

Name: _____ **Phone:** _____ **Email:** _____

Street Address: _____

City/Prov(State)/Postal Code(ZIP)/ Country: _____ / _____ / _____ / _____

❖ **100% payment should be made to the following account through Check/DD/ECS :**

Name of account → ETAP AUTOMATION PRIVATE LIMITED
Name of Bank → CITIBANK N.A.
Branch → West View Building, Linking Rd, Khar, Mumbai 400 052
Account Number → 0034925119
Account type → Current
MICR Code → 400037002
Swift CODE → CITIINBX



Send fax to +91(0) 44 - 42121297 or PDF to info@etapautomation.com

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ETAP 5-DAY WORKSHOP AGENDA

(All Courses are taught in English)

Workshop Day	Morning Session 9:30 A.M. – 1:00	Afternoon Session 2:00 P.M. – 5:30 P.M.
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	Morning Session 9:30 A.M. – 1:00	Afternoon Session 2:00 P.M. – 5:30 P.M.
Day 1	<ul style="list-style-type: none"> ➤ Project Settings & One Line Diagram ➤ Overview & Load Flow 	<ul style="list-style-type: none"> ➤ Configuration & Case Study Edit ➤ Load Flow Cases & Wizard
Day 2	<ul style="list-style-type: none"> ➤ Short Circuit 	<ul style="list-style-type: none"> ➤ Motor Modelling & Motor Start ➤ Motor Reacceleration Transients
Day 3	<ul style="list-style-type: none"> ➤ Protection Coordination 	<ul style="list-style-type: none"> ➤ Arc Flash Studies ➤ Harmonic Analysis
Day 4	<ul style="list-style-type: none"> ➤ Harmonic Analysis ➤ Generator Model & Load Flow ➤ Unit Transformer Tap Optimization 	<ul style="list-style-type: none"> ➤ Ground Grid & Reliability ➤ Optimal Capacitor Placement ➤ Transformer and Cable Sizing
Day 5	<ul style="list-style-type: none"> ➤ Transient Generator Modelling ➤ Transient Stability Analysis 	<ul style="list-style-type: none"> ➤ DC System Studies Overview

Other topics such as Cable Pulling, Parameter Estimation, Cable Pulling, Generator Start-Up, Optimal Power Flow, Reliability Assessment, Unbalanced Power Flow, DC Load Flow, DC Short Circuit, Battery Sizing & Discharge, Control System Diagrams, Wind Turbine Analysis, etc. are available via onsite training courses or attendance to advanced sessions.

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