



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.

Location	Dates and Duration	Training Courses	Cost per Attendee
New Delhi / NCR	May 7 – May 11, 2012	5-Day -ETAP Course #115	30,000
Mumbai	June 4 – June 8, 2012	5-Day -ETAP Course #115	30,000
Kolkata	July 2 – July 6, 2012	5-Day -ETAP Course #115	30,000
Chennai	July 30 – Aug 3, 2012	5-Day -ETAP Course #115	30,000
Mumbai	Sep 3 – Sep 7, 2012	5-Day -ETAP Course #115	30,000
New Delhi / NCR	Oct 8 – Oct 12, 2012	5-Day -ETAP Course #115	30,000
Chennai	Nov 5 – Nov 9, 2012	5-Day -ETAP Course #115	30,000
Mumbai	Dec 3 – Dec 7, 2012	5-Day -ETAP Course #115	30,000

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.

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.

REGISTRATION FORM

Location	Dates and Duration	Course #	# of Attendees	Cost INR	Total
Stately Suites (SYS Properties) Plot No. 585, Main Golf Course Road, Sector 43, Next to Dell Building, Gurgaon, Board line: +91 0124 – 4242401-410	May 7 – May 11, 2012	115		30,000	
K Star Hotel, Plot no. 46 & 55, Sect-11, Near CBD Belapur Rly Stn., Mumbai, Ph. 022-6626 9111	June 4 – June 8, 2012	115		30,000	
KOLKATA	July 2 – July 6, 2012	115		30,000	
Service Tax				12.36%	3708
				Total	33,708

Company: _____

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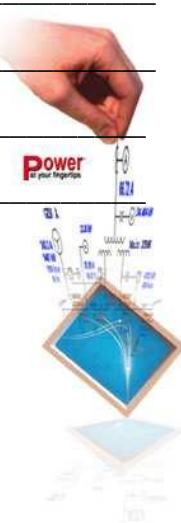
Name: _____ Phone: _____ Email: _____

Street Address: _____

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

- **100% payment should be made to the following account through Check/DD/ECS :**
- **All checks and DD payable at Par**

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
 IFSC/RTGS CODE → CITI0100000



Send fax to +91(0) 124 – 4001318 or PDF to finance-india@etapautomation.com

By registering for the ETAP Automation Pvt. Ltd. ("ETAP") seminar, attending the seminar or making any use whatsoever of the material provided by ETAP Automation Pvt. Ltd. the participant or user of material acknowledges that the information and materials presented in the course of the seminar are for information purposes only. Examples and data used in the seminar as just that, examples, that are being used to help the participants in gaining a knowledge

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ETAP 5-DAY WORKSHOP AGENDA (ETAP Ver. 11)

(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 Modeling & 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.