L&T Electrical & Automation

Training Calendar

Switchgear Training Centre
Jan. 2022 - Dec. 2022

TRAINING PROGRAMME DETAILS

PROGRAMME CODE	TRAINING PROGRAMME	NO. OF DAYS	PROGRAMME CONTENTS	USEFUL FOR	INVESTMENT (GST EXTRA) ₹
LT01	SELECTION & APPLICATION OF LV SWITCHGEAR	5	• LV switchgear terminologies & Relevant standards • Selection & Application of ACB, MCCB, SDF, HRC Fuse, Contactor, Relay, MCB, RCCB etc. • Fault Level calculation for LV system • Motor Starter Selection with Type 2 co-ordination • Advance releases & Selectivity (Co-ordination) among various switchgears • Overview of Industrial Communication & Selection of Smart Switchgear • Overview of busbar trunking systems, Panel Meters, Timers & Time Switch • P.F Improvement, APFC Relay, Overview of Harmonics	• Consultants • Panel Builders • End User - Projects, Team • OEMs	20,000
LT02	BEST MAINTENANCE PRACTICES IN LV SWITCHGEAR	5	• Recomended Maintenance practices (Routine, Preventive and Predictive) • Type 2 Coordination for Motor Components selection • Settings on ACB/MCCB to achive Selectivity • Hands-on session on Testing, Troubleshooting & Maintenance • Overview of Ind. Communication & Troubleshooting of connected products • Good termination practices • Importance of PF Improvement, Effects of Harmonics • LV Panel Maintenance	• End Users - Plant Maintenance • Contractors • Service centres	20,500
LT03	BREAKER MAINTENANCE WORKSHOP - C-POWER ACB	3	• Types of ACB & Applications • Understanding of parts & Operation of ACB • Mounting & Testing of Accessories • Calibration of Arcing Contact • Replacement of Contact assembly & Calibration • Testing & Setting of Protection Releases • Recommended Maintenance Practices	• End Users - Plant Maintenance • Contractors • Service centres	11,500
LT04	BREAKER MAINTENANCE WORKSHOP - OMEGA ACB	2	• Types of ACB & Applications • Understanding of parts & Operation of ACB • Mounting & Testing of Accessories • Calibration of Arcing Contact • Replacement of Contact assembly & Calibration • Testing & Setting of Protection Releases • Recommended Maintenance Practices	• End Users - Plant Maintenance • Contractors • Service centres	7,850
LT05	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY	3	• LV Switchgear & Switchboard Terminologies • Panel Design Aspects as per IEC 61439 • Fault level Calculation for LV System • Forms of Separations, Ingress Protection (IP) • Busbar design • LV Panel Maintenance & Good Termination Practices • Thermal Management in Switchboards • Selection of CTs & Power Cables • Importance & Sizing of Control Transformers • Design Verification & Routine Test as per IEC 61439 • Earthing as applicable to Switchboards	• Consultants • Panel Builders • End User - Projects • OEMs • Contractors	15,000
LT05 A	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY (ADVANCED)	1	• What is SMART Panel ? • Elements of SMART PCC, MCC, DB…… • Smart Solution Architecture • Integration of SMART switchgear in Panel • Basics of Industrial Communication	• Consultants • Panel Builders • End User - Projects • OEMs • Contractors	5,000
LT06	POWER DISTRIBUTION IN BUILDINGS	2	• Elements of Power Distribution in buildings • Load estimation, sizing of Transformers, DG sets & UPS • Selection of Low Voltage switchgears, Distribution boards • Selection of BBT & Cables • Fault Level calculations • Earthing basics, relevant IE rules	• Consultants • Panel Builders • Builders - Project Team • Contractors	10,500
LT07	ELECTRICAL SAFETY	1	• Importance of Safety, Type of Hazards • Safety in Residential, Industrial and Commercial premises, • Hazard identification, detection and control. • Fire, Shock, Arc flash Hazards and its prevention • Requirements by norms, PPE, LOTO, Work Permit • OHSAS requirement, First aid in case of Electric shock and burns • Safety features in Switchgear & Switchgear Assembly	• End Users - Safety Officer, Plant Maintenance • Contractors • Electrical personnel in Oil & Gas industry	5,500
LT08	SELECTION & APPLICATION OF LV AC DRIVES	3	• Basics of LV Motors & Special Duty (Inverter Duty) Motors • VFDs Construction, Selection, Wiring, Testing & Troubleshooting • Application based Programing with Case Study • Energy saving with VFD • VFD vs Soft Starter • Communication with VFDs	• OEMs • End User - Projects, O&M Team • Panel Builders • System Integrators	15,500
LT09	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION	2	• Need for Power Factor Improvement & Utility Regulations • Methods of Reactive power management • APFC Panel Design, Dynamic compensation • Harmonics in power systems, source, types & their effects • Harmonics Mitigation Techniques: Passive, Active (AHF) & Hybrid Harmonic filters • Maintenance & Troubleshooting of APFC Panel	• Consultants • End Users - O&M Team • Panel Builders • Contractors	10,750
LT09 A	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION (ADVANCED)	1	• Detailed Study of AHF - Principle of working, Its sizing for Green Field Project with case Study etc • Voltage Harmonics: Its Impact & Solutions • PF correction & Harmonic mitigation in Solar installation • Harmonics Analysis with Power Analyser & Inference of Harmonic Audit Report • Typical Cases - Transformer compensation, Importance of linearity & Q factor in Reactor, Cascading of APFC Controller etc.	• Consultants • End Users - O&M Team • Panel Builders • Contractors	5,000
LT10	SELECTION & MAINTAINANCE OF MV SWITCHGEAR (VCB)	2	• Selection & Installation of VCB & MV Panels • Testing, Protection and Maintenance of MV Panels • Fault Level calculation in MV System • Vacuum Vs SF6, MV metal clad panel • MV panel bus bar design • Introduction of RMU & CSS	• Panel Builders • End User - Projects, O&M Team • Contractors	10,750

Note: 1) GST Extra as applicable. Present rate of GST is 18%
2) For any special or customized programme, you may contact respective Training Centre.

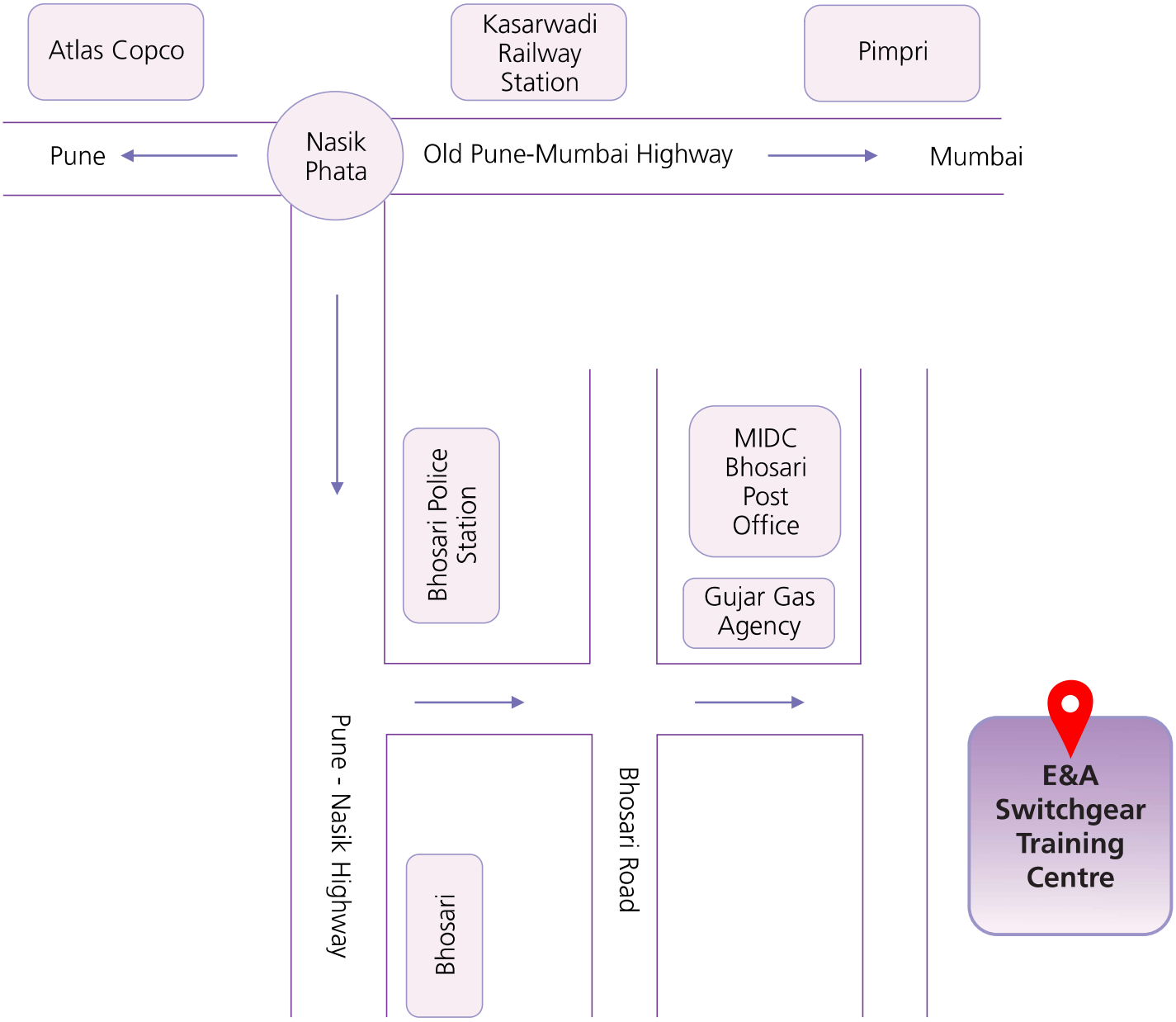
PROGRAMME CODE	TRAINING PROGRAMME	NO. OF DAYS	PROGRAMME CONTENTS	USEFUL FOR	INVESTMENT (GST EXTRA) ₹
LT11	INDUSTRIAL PROTECTION WITH NUMERICAL RELAYS	4	• Introduction to protective relaying, terminologies, ANSI codes • Power System Protection as per IEC60255 • Selection of Switching Devices & Instrument Transformers • Fault Level calculations with Case Study • Feeder & Motor protection, Relay Settings • Relay co-ordination with Case Study • Transformer & Generator protection (excludes distance protections)	• End Users - Projects, O&M Team • Consultants • Panel Builders	19,500
LT12	CONSERVATION & MANAGEMENT OF ELECTRICAL ENERGY	2	• Importance of Energy Conservation & Management (ECM) • Concepts, Terminologies, Energy Efficient Technologies in electrical Installations • Energy Conservation Act, ECBC, etc. including some case studies • Conservation of Energy with Latest technologies in Motors, Transformers, Generators, VFDs, PQS, Switchgears etc. with Case studies • Energy Monitoring & Management through EMS with Demo	• Contractors • End Users - Projects • Consultants • OEMs	10,500
LT13	CLASSIFICATION, TYPES & REQUIREMENT OF SYSTEM & EQUIPMENT EARTHING	2	• Importance of Earthing, Types & Classification • Facts about earthing • Understanding of System & Equipment Earthing • Earthing of Generators, Transformers, Sensitive Electronic equipment & Lightning Protection Earthing • Earth Fault & Earth Leakage protection • Earthing Systems for Solar plants • Earth Mat design • Sizing of Earth Electrodes with case studies	• End Users - Projects, O&M Team • Contractors • Consultants	12,500
LT14	INTRODUCTION TO INDUSTRIAL ELECTRICAL SYSTEMS (SPECIALLY DESIGNED FOR STUDENTS)	3	• Overview of Power Systems • Theory & Workshop Demonstration session on LV Switchgears (i.e. Contactor, Overload Relay, Motor Starters, LV Circuits Breakers) • Basic overview of soft starter, drives, bus bar trunking, Power factor improvements • Overview of Industrial Communication & Smart Switchgear • Session on "Campus to Corporate"	• Faculties of Electrical Engineering • Students of Electrical Engineering	3,500
LT15	MODERNISATION OF PLANTS & TRENDS IN LV SWITCHGEAR	1	• Improving Plant efficiency using Advance Technologies • Intelligent MCC, Energy Efficient Motors • Control & Monitoring of Energy through EMS • Improving Plant Reliability through Smart Switching & Protection Devices	• End Users • Consultants • Panel Builders	5,500
LT16	INDUSTRY 4.0 & INTEGRATING SMART SWITCHGEARS	1	• Industry 4.0 Overview, Benefits and Applications • IOT,IIOT, Cloud Computing, Overview of AI, ML, Robotics, AR/VR etc. • SMART switchgear features, Benefits, Applications • Introduction, Types and Standards of Industrial communication • Hardware requirements for Integrating smart Devices • Demonstration of Communication with Circuit Breakers (ACB,MCCB), VFD, Intelligent Relays • Demonstration of Energy Management System using Smart Meters • How to integrate SMART switchgear, Controlling and Monitoring	• End Users • OEM • Panel Builders • System Integrators	5,500
LT17	SELECTION, PROTECTION & MAINTENANCE OF TRANSFORMER	2	• Selection & Maintenance of Transformer • Routine tests for transformer • Health Life index & Failure analysis of transformer • Protection of transformer • Relevant IS/IEC standards	• Consultants • Contractors • End Users - Projects, O&M Team	10,750
LT18	POWER CABLE SELECTION, LAYING & TESTING	1	• Introduction & Selection of Power Cable • Laying of Power Cable • Cable Jointing, Termination and Cable accessories • Testing of Power Cables & Cable Joints • Cables fault detection using test instruments	• Contractors • Panel Builders • Electricians	5,500
LT19	SWITCHGEAR SOLUTION FOR PV- SOLAR PLANT	1	• Over view of PV Solar plants, Elements, schemes, Design considerations • Fault current calculations and Selection of Switchgear • Earthing system design considerations • Pre Commissioning check points and maintenance guidelines for switchgear • Key Design considerations with IEC 61439	• EPC Consultants • EPC Contractors • End Users - Projects, Team	5,500
LT20	SELECTION OF LV SWITCHGEAR FOR MOTOR STARTER FEEDER AS PER TYPE 2 COORDINATION	2	• LV Switchgear terminologies as per IEC 60947 • Different starting techniques of motor • Motor Protection Concepts & Type - II coordination • Control Schemes for Motor Starters • Overview of iMCC & Soft Starters	• Consultants • Panel Builders • End Users: Projects, O&M Team • OEMs	10,000
LT21	SELECTION OF LV SWITCHGEAR FOR POWER DISTRIBUTION WITH SELECTIVITY	2	• LV Switchgear terminologies as per IEC 60947 • Selection of SDF, MCCB, ACB & Change Over Switches • Advance Protection Releases and their settings • Fault Level Calculation with case studies • Selectivity applicable to LV Switchgear • Overview of Industrial Communication & Selection of Smart Switchgear	• Consultants • Panel Builders • End Users: Projects, O&M Team • OEMs	10,000
LT22	DESIGN OF ELECTRICAL SCHEMES FOR LV SWITCHGEAR ASSEMBLY	2	• Fundamentals of Control circuits, Graphical Symbols & Guidelines for Design as per relevant IS / IEC standards • Design of Power & Control Circuits for : - Motor Starter, ACB Incomers & Bus coupler Schemes - Auto Source Transfer, DG Synchronisation & Load Sharing Schemes - CT / PT circuits, Redundant Control Supply Schemes • Electrical / Mechanical Safety Interlocks in control circuits • Design / Selection of Control Devices	• Consultants • Panel Builders • End Users - Project Team • OEMs	10,500

Note: 1) GST Extra as applicable. Present rate of GST is 18%
2) For any special or customized programme, you may contact respective Training Centre.

TRAINING CALENDAR

			PUNE											
CODE	PROGRAMME NAME	DAYS	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022
LT01	SELECTION & APPLICATION OF LV SWITCHGEAR	5		14-18			23-27			22-26			21-25	
LT02	BEST MAINTENANCE PRACTICES IN LV SWITCHGEAR	5			07-11			13-17			26-30			12-16
LT03	BREAKER MAINTENANCE WORKSHOP - C-POWER ACB	3	10-12			25-27						10-12		
LT04	BREAKER MAINTENANCE WORKSHOP - OMEGA ACB	2	13-14			28-29						13-14		
LT05	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY	3				18-20							07-09	
LT05 A	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY (ADVANCED)	1				21							10	
LT06	POWER DISTRIBUTION IN BUILDINGS	2				13-14			18-19					
LT07	ELECTRICAL SAFETY	1		4				24			16			
LT08	SELECTION & APPLICATION OF LV AC DRIVES	3			14-16					16-18				
LT09	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION	2	17-18						13-14					07-08
LT09 A	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION (ADVANCED)	1							15					09
LT10	SELECTION & MAINTAINANCE OF MV SWITCHGEAR (VCB)	2					09-10						03-04	
LT11	INDUSTRIAL PROTECTION WITH NUMERICAL RELAYS	4		01-04				06-09						19-22
LT12	CONSERVATION & MANAGEMENT OF ELECTRICAL ENERGY	2					30-31					03-04		
LT13	CLASSIFICATION, TYPES & REQUIREMENT OF SYSTEM & EQUIPMENT EARTHING	2				11-12				10-11				
LT14	INTRODUCTION TO INDUSTRIAL ELECTRICAL SYSTEMS (SPECIALLY DESIGNED FOR STUDENTS)	3	19-21		28-30		18-20		20-22		14-16			05-07
LT15	MODERNISATION OF PLANTS & TRENDS IN LV SWITCHGEAR	1	Programme Dates will be provided on Request											
LT16	INDUSTRY 4.0 & INTEGRATING SMART SWITCHGEARS	1					06					07		
LT17	SELECTION, PROTECTION & MAINTENANCE OF TRANSFORMER	2		21-22									29-30	
LT18	POWER CABLE SELECTION, LAYING & TESTING	1								12				
LT19	SWITCHGEAR SOLUTION FOR PV- SOLAR PLANT	1							11					
LT20	SELECTION OF LV SWITCHGEAR FOR MOTOR STARTER FEEDER AS PER TYPE 2 COORDINATION	2		14-15			23-24			22-23			21-22	
LT21	SELECTION OF LV SWITCHGEAR FOR POWER DISTRIBUTION WITH SELECTIVITY	2		16-17			25-26			24-25			23-24	
LT22	DESIGN OF ELECTRICAL SCHEMES FOR LV SWITCHGEAR ASSEMBLY	2			03-04						12-13			

STC PUNE LOCATION MAP



Distance from:

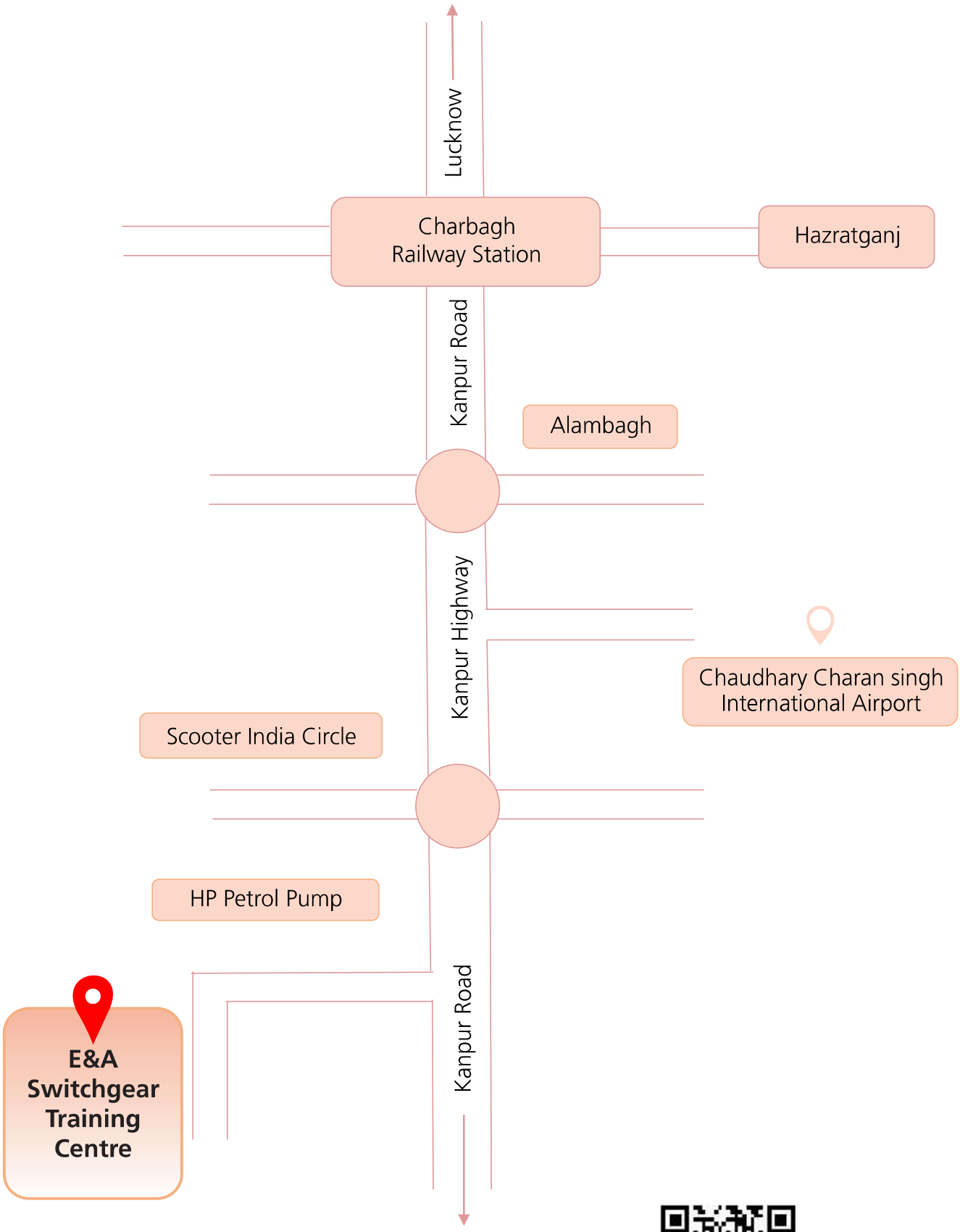
- Pune Railway Station - 15 Km
- Shivaji Nagar Railway Station - 12 Km
- Chinchwad railway Station - 06 Km
- Pune Airport - 21 Km
- Shivaji Nagar Bus Stop - 12 Km
- Wakad Bus Stop - 12 Km
- Chinchwad Bus Stop - 06 Km

Scan for Location on Google Map

TRAINING CALENDAR

			LUCKNOW											
CODE	PROGRAMME NAME	DAYS	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022
LT01	SELECTION & APPLICATION OF LV SWITCHGEAR	5	17-21			18-22			25-29			17-21		
LT02	BEST MAINTENANCE PRACTICES IN LV SWITCHGEAR	5		07-11			16-20			22-26			14-18	
LT03	BREAKER MAINTENANCE WORKSHOP - C-POWER ACB	3			07-09			06-08			12-14			05-07
LT04	BREAKER MAINTENANCE WORKSHOP - OMEGA ACB	2			10-11			09-10			15-16			08-09
LT05	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY	3		21-23						02-04				
LT05 A	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY (ADVANCED)	1								05				
LT06	POWER DISTRIBUTION IN BUILDINGS	2	24-25				04-05				05-06			
LT07	ELECTRICAL SAFETY	1					06			01			09	
LT08	SELECTION & APPLICATION OF LV AC DRIVES	3			02-04				11-13				01-03	
LT09	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION	2					23-24					10-11		
LT09 A	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION (ADVANCED)	1					25					12		
LT10	SELECTION & MAINTAINANCE OF MV SWITCHGEAR (VCB)	2			21-22				05-06				14-15	
LT11	INDUSTRIAL PROTECTION WITH NUMERICAL RELAYS	4					10-13				12-15			12-15
LT12	CONSERVATION & MANAGEMENT OF ELECTRICAL ENERGY	2	Programme Dates will be provided on Request											
LT13	CLASSIFICATION, TYPES & REQUIREMENT OF SYSTEM & EQUIPMENT EARTHING	2					26-27							19-20
LT14	INTRODUCTION TO INDUSTRIAL ELECTRICAL SYSTEMS (SPECIALLY DESIGNED FOR STUDENTS)	3	03-05			25-27		01-03		03-05		10-12		
LT15	MODERNISATION OF PLANTS & TRENDS IN LV SWITCHGEAR	1	17					27						26
LT16	INDUSTRY 4.0 & INTEGRATING SMART SWITCHGEARS	1				05			20			27		
LT17	SELECTION, PROTECTION & MAINTENANCE OF TRANSFORMER	2			24-25				07-08				16-17	
LT18	POWER CABLE SELECTION, LAYING & TESTING	1			14				19			28		
LT19	SWITCHGEAR SOLUTION FOR PV- SOLAR PLANT	1				04		16				18		
LT20	SELECTION OF LV SWITCHGEAR FOR MOTOR STARTER FEEDER AS PER TYPE 2 COORDINATION	2	17-18			18-19			25-26			17-18		
LT21	SELECTION OF LV SWITCHGEAR FOR POWER DISTRIBUTION WITH SELECTIVITY	2	19-20			20-21			27-28			19-20		
LT22	DESIGN OF ELECTRICAL SCHEMES FOR LV SWITCHGEAR ASSEMBLY	2				27-28				29-30				01-02

STC LUCKNOW LOCATION MAP



Distance from:

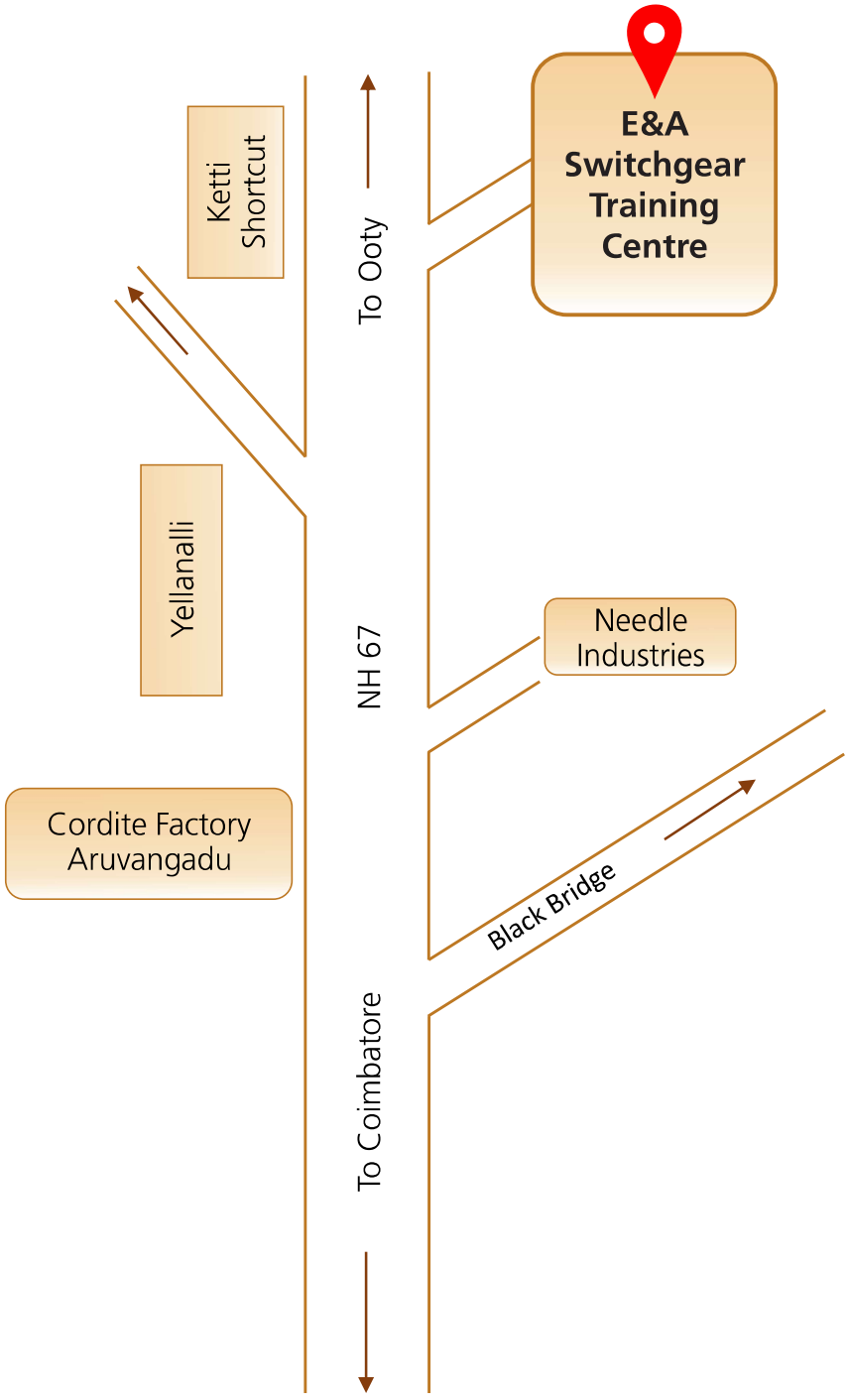
- Charbagh Railway Station - 15 Km
- Alambagh Bus Stop - 13 Km
- Chaudhary Charan Singh Airport - 06 Km

Scan for Location on Google Map

TRAINING CALENDAR

			COONOOR											
CODE	PROGRAMME NAME	DAYS	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022
LT01	SELECTION & APPLICATION OF LV SWITCHGEAR	5		07-11		04-08		06-10		01-05		10-14		05-09
LT02	BEST MAINTENANCE PRACTICES IN LV SWITCHGEAR	5	03-07		07-11		09-13		04-08		12-16		07-11	
LT03	BREAKER MAINTENANCE WORKSHOP - C-POWER ACB	3	17-19		21-23		16-18		11-13		19-21		14-16	
LT04	BREAKER MAINTENANCE WORKSHOP - OMEGA ACB	2	20-21		24-25		19-20		14-15		22-23		17-18	
LT05	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY	3		14-16				06-08		09-11				12-14
LT05 A	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY (ADVANCED)	1						09		12				15
LT06	POWER DISTRIBUTION IN BUILDINGS	2		17-18		11-12				16-17				15-16
LT07	ELECTRICAL SAFETY	1		4		22		24			05		25	
LT08	SELECTION & APPLICATION OF LV AC DRIVES	3							18-20					19-21
LT09	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION	2			07-08			20-21		10-11		12-13		01-02
LT09 A	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION (ADVANCED)	1						22		12		14		03
LT10	SELECTION & MAINTAINANCE OF MV SWITCHGEAR (VCB)	2	24-25						11-12			17-18		
LT11	INDUSTRIAL PROTECTION WITH NUMERICAL RELAYS	4			21-24			13-16						05-08
LT12	CONSERVATION & MANAGEMENT OF ELECTRICAL ENERGY	2	Programme Dates will be provided on Request											
LT13	CLASSIFICATION, TYPES & REQUIREMENT OF SYSTEM & EQUIPMENT EARTHING	2			14-15		10-11				07-08		10-11	
LT14	INTRODUCTION TO INDUSTRIAL ELECTRICAL SYSTEMS (SPECIALLY DESIGNED FOR STUDENTS)	3	10-12	21-23	14-16	20-22	25-27	22-24	25-27	17-19	26-28	17-19	14-16	12-14
LT15	MODERNISATION OF PLANTS & TRENDS IN LV SWITCHGEAR	1		28			06			19				02
LT16	INDUSTRY 4.0 & INTEGRATING SMART SWITCHGEARS	1		03				12		30		19		
LT17	SELECTION, PROTECTION & MAINTENANCE OF TRANSFORMER	2	26-27						14-15			19-20		
LT18	POWER CABLE SELECTION, LAYING & TESTING	1		01		23				26			28	
LT19	SWITCHGEAR SOLUTION FOR PV- SOLAR PLANT	1	31				23					31		
LT20	SELECTION OF LV SWITCHGEAR FOR MOTOR STARTER FEEDER AS PER TYPE 2 COORDINATION	2		07-08		04-05		06-07		01-02		10-11		05-06
LT21	SELECTION OF LV SWITCHGEAR FOR POWER DISTRIBUTION WITH SELECTIVITY	2		09-10		06-07		08-09		03 Apr		12-13		07-08
LT22	DESIGN OF ELECTRICAL SCHEMES FOR LV SWITCHGEAR ASSEMBLY	2				25-26						27-28		

STC COONOOR LOCATION MAP



Distance from:

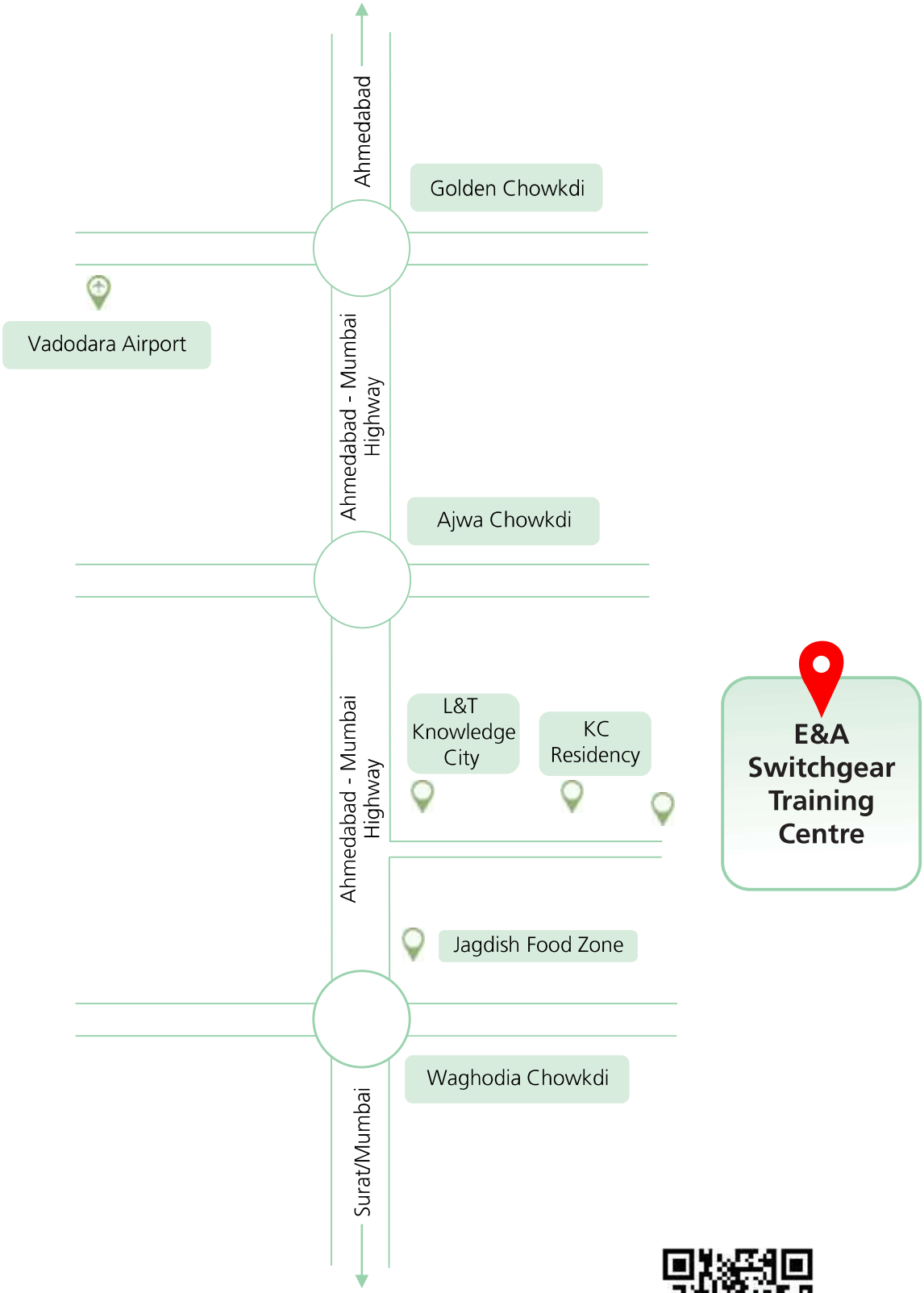
- Coimbatore - 90 Km
- Coonoor - 10 Km
- Ooty - 10 Km
- Yellanalli - 01 Km

Scan for Location on Google Map

TRAINING CALENDAR

			VADODARA											
CODE	PROGRAMME NAME	DAYS	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022
LT01	SELECTION & APPLICATION OF LV SWITCHGEAR	5	17-21			04-08			18-22			04-08		
LT02	BEST MAINTENANCE PRACTICES IN LV SWITCHGEAR	5			07-11			13-17			19-23			05-09
LT03	BREAKER MAINTENANCE WORKSHOP - C-POWER ACB	3		14-16			09-11			22-24			14-16	
LT04	BREAKER MAINTENANCE WORKSHOP - OMEGA ACB	2		17-18			12-13			25-26			17-18	
LT05	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY	3				11-13		20-22			05-07			12-14
LT05 A	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY (ADVANCED)	1				14		23			07			15
LT06	POWER DISTRIBUTION IN BUILDINGS	2			03-04		23-24		07-08					15-16
LT07	ELECTRICAL SAFETY	1		15						09				
LT08	SELECTION & APPLICATION OF LV AC DRIVES	3				25-27		06-08		03-05		19-21		
LT09	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION	2				11-12							09-10	
LT09 A	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION (ADVANCED)	1				13							11	
LT10	SELECTION & MAINTAINANCE OF MV SWITCHGEAR (VCB)	2	10-11				17-18							
LT11	INDUSTRIAL PROTECTION WITH NUMERICAL RELAYS	4							11-14				21-24	
LT12	CONSERVATION & MANAGEMENT OF ELECTRICAL ENERGY	2	24-25								12-13			
LT13	CLASSIFICATION, TYPES & REQUIREMENT OF SYSTEM & EQUIPMENT EARTHING	2	27-28								14-15			
LT14	INTRODUCTION TO INDUSTRIAL ELECTRICAL SYSTEMS (SPECIALLY DESIGNED FOR STUDENTS)	3			14-16				27-29		26-28			26-28
LT15	MODERNISATION OF PLANTS & TRENDS IN LV SWITCHGEAR	1		14				23					28	
LT16	INDUSTRY 4.0 & INTEGRATING SMART SWITCHGEARS	1			21			24			08			23
LT17	SELECTION, PROTECTION & MAINTENANCE OF TRANSFORMER	2	12-13				19-20							
LT18	POWER CABLE SELECTION, LAYING & TESTING	1		28								07		
LT19	SWITCHGEAR SOLUTION FOR PV- SOLAR PLANT	1			04					02				02
LT20	SELECTION OF LV SWITCHGEAR FOR MOTOR STARTER FEEDER AS PER TYPE 2 COORDINATION	2	17-18			04-05			18-19			04-05		
LT21	SELECTION OF LV SWITCHGEAR FOR POWER DISTRIBUTION WITH SELECTIVITY	2	19-20			06-07			20-21			06-07		
LT22	DESIGN OF ELECTRICAL SCHEMES FOR LV SWITCHGEAR ASSEMBLY	2				25-26						17-18		

STC VADODARA LOCATION MAP



Distance from:

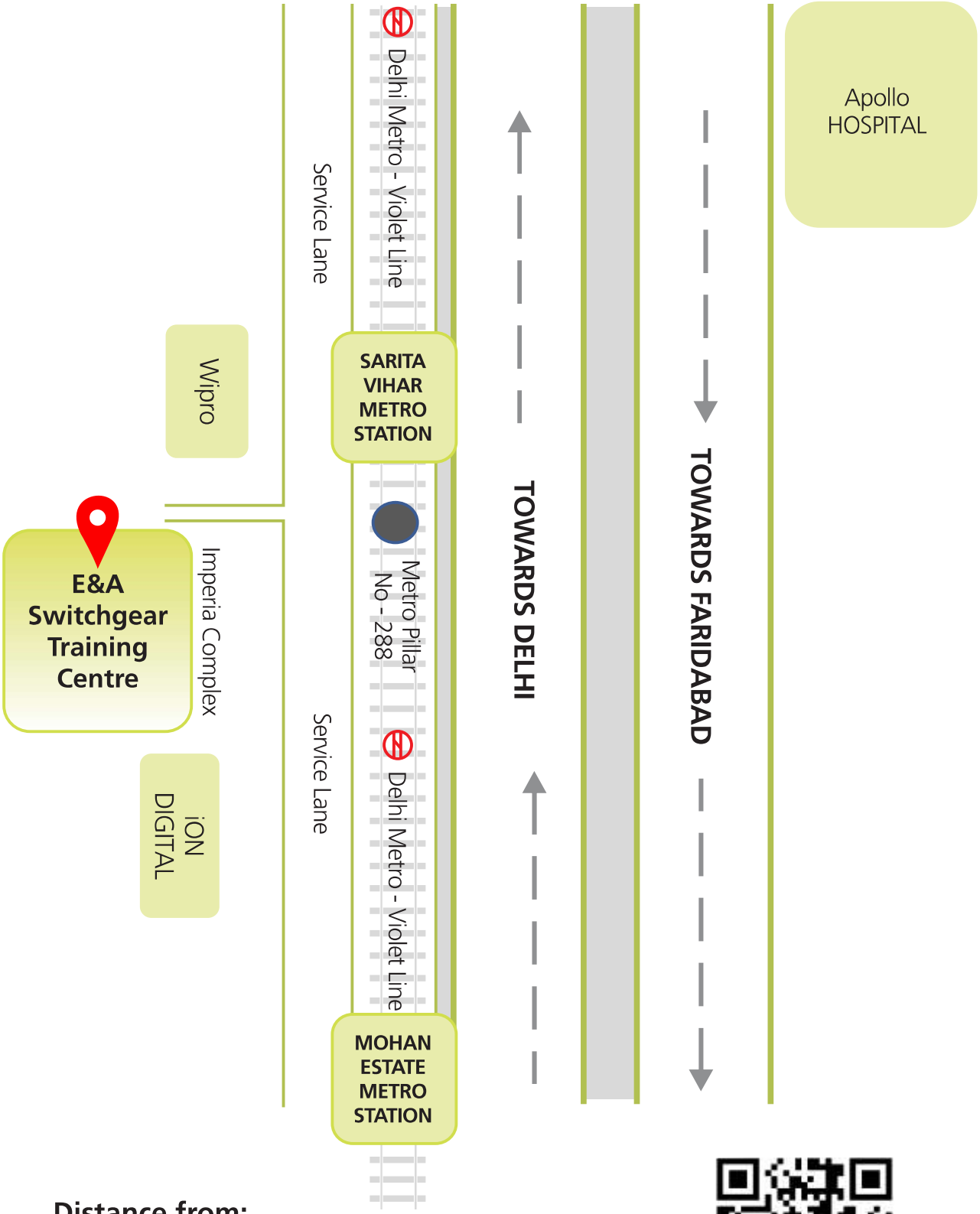
- Railway / Central Bus Station - 14 Km
- Airport - 09 Km

Scan for Location on Google Map

TRAINING CALENDAR

			DELHI											
CODE	PROGRAMME NAME	DAYS	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022
LT01	SELECTION & APPLICATION OF LV SWITCHGEAR	5			07-11							10-14		
LT02	BEST MAINTENANCE PRACTICES IN LV SWITCHGEAR	5		07-11							26-30			
LT03	BREAKER MAINTENANCE WORKSHOP - C-POWER ACB	3	03-05				09-11			22-24			17-19	
LT04	BREAKER MAINTENANCE WORKSHOP - OMEGA ACB	2	06-07				12-13			25-26			20-21	
LT05	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY	3			28-30			27-29				10-12		
LT05 A	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY (ADVANCED)	1						30				13		
LT06	POWER DISTRIBUTION IN BUILDINGS	2				04-05							24-25	
LT07	ELECTRICAL SAFETY	1	25		16				01			31		
LT08	SELECTION & APPLICATION OF LV AC DRIVES	3		02-04				13-15						12-14
LT09	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION	2				25-26					05-06			
LT09 A	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION (ADVANCED)	1				27					07			
LT10	SELECTION & MAINTAINANCE OF MV SWITCHGEAR (VCB)	2				11-12					19-20			
LT11	INDUSTRIAL PROTECTION WITH NUMERICAL RELAYS	4		21-24					04-07					
LT12	CONSERVATION & MANAGEMENT OF ELECTRICAL ENERGY	2	27-28				17-18		28-29				01-02	
LT13	CLASSIFICATION, TYPES & REQUIREMENT OF SYSTEM & EQUIPMENT EARTHING	2		14-15			05-06			04-05				26-27
LT14	INTRODUCTION TO INDUSTRIAL ELECTRICAL SYSTEMS (SPECIALLY DESIGNED FOR STUDENTS)	3			14-16			01-03			21-23			
LT15	MODERNISATION OF PLANTS & TRENDS IN LV SWITCHGEAR	1			25				19			06		
LT16	INDUSTRY 4.0 & INTEGRATING SMART SWITCHGEARS	1				29								02
LT17	SELECTION, PROTECTION & MAINTENANCE OF TRANSFORMER	2				19-20				02-03				08-09
LT18	POWER CABLE SELECTION, LAYING & TESTING	1					30					03		
LT19	SWITCHGEAR SOLUTION FOR PV- SOLAR PLANT	1				06				12			04	
LT20	SELECTION OF LV SWITCHGEAR FOR MOTOR STARTER FEEDER AS PER TYPE 2 COORDINATION	2			07-08							10-11		
LT21	SELECTION OF LV SWITCHGEAR FOR POWER DISTRIBUTION WITH SELECTIVITY	2			09-10							12-13		
LT22	DESIGN OF ELECTRICAL SCHEMES FOR LV SWITCHGEAR ASSEMBLY	2							14-15					29-30

STC DELHI LOCATION MAP



Distance from:

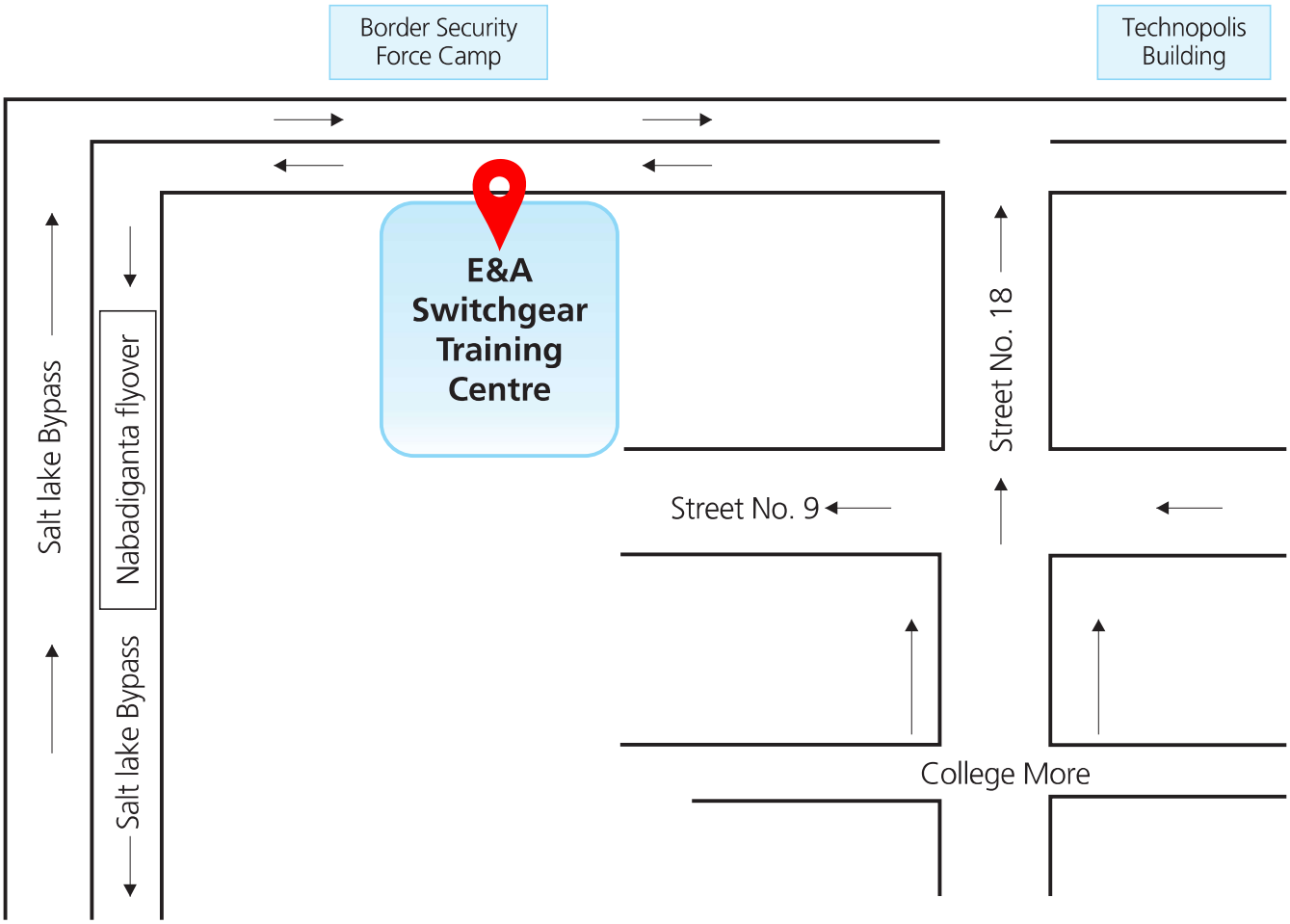
- Mohan Estate Metro Station - 0.9 Km
- Sarita Vihar Metro Station - 0.5 Km
- New Delhi Railway Station - 16 Km
- IGI Airport - 26 Km

Scan for Location on Google Map

TRAINING CALENDAR

			KOLKATA											
CODE	PROGRAMME NAME	DAYS	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022
LT01	SELECTION & APPLICATION OF LV SWITCHGEAR	5	17-21		21-25		23-27		25-29		19-23		14-18	
LT02	BEST MAINTENANCE PRACTICES IN LV SWITCHGEAR	5		21-25		25-29		20-24		22-26		17-21		12-16
LT03	BREAKER MAINTENANCE WORKSHOP - C-POWER ACB	3	03-05		07-09		16-18		04-06		05-07		21-23	
LT04	BREAKER MAINTENANCE WORKSHOP - OMEGA ACB	2	06-07		10-11		19-20		07-08		08-09		24-25	
LT05	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY	3		22-24		19-21			12-14			18-20		19-21
LT05 A	ELECTRICAL DESIGN OF SWITCHGEAR ASSEMBLY (ADVANCED)	1				22			15			21		22
LT06	POWER DISTRIBUTION IN BUILDINGS	2				18-19		16-17				25-26		29-30
LT07	ELECTRICAL SAFETY	1				12		30		29		27		02
LT08	SELECTION & APPLICATION OF LV AC DRIVES	3		14-16		06-08		06-08		01-03				22-23
LT09	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION	2		01-02		18-19		01-02		03-04				05-06
LT09 A	POWER QUALITY SOLUTION - REACTIVE POWER & HARMONIC MITIGATION (ADVANCED)	1				20		03		05				07
LT10	SELECTION & MAINTAINANCE OF MV SWITCHGEAR (VCB)	2			01-02				18-19		01-02			07-08
LT11	INDUSTRIAL PROTECTION WITH NUMERICAL RELAYS	4		07-10		04-07		27-30		02-05			01-04	
LT12	CONSERVATION & MANAGEMENT OF ELECTRICAL ENERGY	2			03-04			23-24				10-11		
LT13	CLASSIFICATION, TYPES & REQUIREMENT OF SYSTEM & EQUIPMENT EARTHING	2	24-25		14-15		05-06			04-05			10-11	
LT14	INTRODUCTION TO INDUSTRIAL ELECTRICAL SYSTEMS (SPECIALLY DESIGNED FOR STUDENTS)	3			28-30	04-06		27-29	20-22		14-16	05-07		26-28
LT15	MODERNISATION OF PLANTS & TRENDS IN LV SWITCHGEAR	1		03					11			04		
LT16	INDUSTRY 4.0 & INTEGRATING SMART SWITCHGEARS	1		17			03			16			28	
LT17	SELECTION, PROTECTION & MAINTENANCE OF TRANSFORMER	2		03-04		25-26		14-15			22-23		07-08	
LT18	POWER CABLE SELECTION, LAYING & TESTING	1		28			30			30		03		01
LT19	SWITCHGEAR SOLUTION FOR PV- SOLAR PLANT	1		11			31			31			02	
LT20	SELECTION OF LV SWITCHGEAR FOR MOTOR STARTER FEEDER AS PER TYPE 2 COORDINATION	2	17-18		21-22		23-24		25-26		19-20		14-15	
LT21	SELECTION OF LV SWITCHGEAR FOR POWER DISTRIBUTION WITH SELECTIVITY	2	19-20		23-24		25-26		27-28		21-22		16-17	
LT22	DESIGN OF ELECTRICAL SCHEMES FOR LV SWITCHGEAR ASSEMBLY	2				28-29		07-08			12-13		10-11	

STC KOLKATA LOCATION MAP



Landmark

Schneider Electric Salt Lake Plant

Distance from:

- Howrah Railway Station - 20 Km
- Sealdah Railway Station - 09 Km
- Kolkata Airport - 12 Km
- Esplanade Bus Terminus - 15 Km

Scan for Location on Google Map

REGISTRATION

How to confirm your booking

1. Email or courier duly filled Registration Form to the relevant Switchgear Training Centre
2. Fees should be paid in advance by way of Demand Draft drawn in favour of 'SCHNEIDER ELECTRIC INDIA PVT LTD'.
3. The draft should be payable at Pune, Delhi (for Lucknow & Delhi Centre), Chennai (for Coonoor Centre), Vadodara or Kolkata - depending on the Centre chosen.
3. Alternatively fees can be paid in advance by way of NEFT / RTGS to our bank a/c below:

Beneficiary Account Name	: SCHNEIDER ELECTRIC INDIA PVT LTD
Bank Name	: Citibank N.A.
Branch	: DLF Capitol Point, Baba Kharak Singh Marg, New Delhi-110001
IFSC code	: CITI0000002
Current Account No	: 0019955354
SWIFT Code	: CITIINBX
PAN No.	: AABCS1624G

Sr. No.	STC	GST No.
1	Pune	27AABCS1624G2ZM
2	Lucknow	09AABCS1624G2ZK
3	Coonoor	33AABCS1624G2ZT
4	Vadodara	24AABCS1624G2ZS
5	Delhi	07AABCS1624G2ZO
6	Kolkata	19AABCS1624G2ZJ

4. Registration will be confirmed only after receipt of the course fees.

Please Note

a) Participants will receive written confirmation of their registration, after which they should plan their journey to the Training Centre selected.
b) In case seats are unavailable for the selected course, participants will be offered an opportunity to participate in the next training session for that programme.
c) All programmes are conducted on a 'best effort' basis. Programmes are subject to cancellation or postponement due to unforeseen circumstances or lack of sufficient enrolment. L&T Electrical & Automation reserves all cancellation rights of the training programme and will not be responsible for any consequential losses.
d) Please ensure that all registrations are accompanied by the requisite course fees.
e) Participants are expected to make their own arrangements for lodging and boarding.
f) Participants shall avail all the facilities provided during the programmes. 'L&T Electrical & Automation' will not be responsible for any injury, damage or loss during the programme.
g) The transfer of fees for a change of participant or programme must be confirmed in writing by the Training Centre.
h) Course Fees specified are valid until December 31, 2022 only.
i) Fees are not refundable under any circumstances.

Course Fees – Terms & Conditions

Inclusions

1. Online Training and digital hand-outs as required for the programme.

Exclusions

1. GST as applicable on the services.

L&T Electrical & Automation

SWITCHGEAR TRAINING CENTRE

TRAINING COURSE REGISTRATION FORM

To book a course, fill in and email this Registration Form to the relevant Switchgear Training Centre at least 15 days prior to the course date - Pune: stc-pune@Lntebg.com, Lucknow: stc-lucknow@Lntebg.com, Coonoor: stc-Coonoor@Lntebg.com, Vadodara: stc-vadodara@Lntebg.com, Delhi: stc-delhi@Lntebg.com or Kolkata: stc-kolkata@Lntebg.com. Please select appropriate option from below. Please type text / write on the blank lines only. Payment Options and Centre details on next page.

TRAINING CENTRE:

☐ PUNE ☐ LUCKNOW ☐ COONOOR
☐ VADODARA ☐ DELHI ☐ KOLKATA

COURSE CODE:

☐ LT01	☐ LT02	☐ LT03	☐ LT04
☐ LT05	☐ LT05A	☐ LT06	☐ LT07
☐ LT08	☐ LT09	☐ LT09A	☐ LT10
☐ LT11	☐ LT12	☐ LT13	☐ LT14
☐ LT15	☐ LT16	☐ LT17	☐ LT18
☐ LT19	☐ LT20	☐ LT21	☐ LT22

☐ OTHERS _____

COURSE DATE: _____

PARTICIPANT INFORMATION	COMPANY INFORMATION
Name: _____	Organization/Institute: _____
Age: _____	Address: _____
Qualification: _____	_____
Designation: _____	Pin: _____ State: _____
Department: _____	Office Tel.: _____
Contact No.: _____	Training In-charge (for information on courses in future)
E-mail ID: _____	Name: _____
	Designation: _____
	E-mail ID: _____
	GST No.*: _____

JOB DESCRIPTION				INDUSTRY TYPE			
Design	☐	Sales	☐	Manufacturing	☐	Stockist	☐
Engineering	☐	Service	☐	Process Plant	☐	Service Centre	☐
Purchase	☐	Trainer/Faculty	☐	Consultants	☐	Other:	
Electrician	☐	Student	☐	Electricity Board	☐		
Maintenance	☐	Other:		Panel Builder	☐		

Tuition Fee Details: Tax Deducted ☐ YES ☐ NO

NEFT/RTGS/D.D. No.: _____ Dt.: _____ Rs: _____ Bank: _____

Organizational Approval By	For L&T Electrical & Automation Branch use	For STC Office Use Only
Name: _____	Sales Staff: _____	[1] Nomination Received On: _____
Designation: _____	Branch Head: _____	[2] Payment Received On: _____
Signature: _____	Reg.form recd. Date: _____	[3] Registration No: _____
Date: _____	Verified Date: _____	[4] Invoice No: _____
	Confirmed on: _____	[5] Receipt No: _____
	Date: _____	

To confirm your booking, send this Form with the course fees to the relevant Switchgear Training Centre.

* Scanned Copy of GST certificate & True Signed Stamped Copy of PAN is required with this form.

Customised programmes on Request

1. Switchboard Quality, Testing and Workmanship Aspects - one day Module
2. Induction Programme for Fresh Engineers in any Industry can be organised on request
3. Overview of Plant Automation and use of SCADA, PLC, Drives, Soft starters etc. for Students
4. Advance Training module for Faculties of Engineering colleges Electrical Branch
5. For final year engineering Students Summer Internship Training - 3 to 6 weeks
6. Introduction to Switchgear and Protection systems and Automation - 5 day programme for students on request.

Our Milestones

- Celebrating over 36 years of Training Excellence
- Trained over 3,80,000 Professionals
- Conducted over 18,000 Programmes

For more information about the Training Calendar and programmes please contact the relevant Switchgear Training Centre or Customer Interaction Centre:

Switchgear Training Centre

Pune
L&T Electrical & Automation
Switchgear Training Centre
T-156 / 157, MIDC,
Bhosari, Pune - 411 026
Tel: 020 2712 0037 / 2712 0653
E-mail: stc-pune@Lntebg.com

Lucknow
L&T Electrical & Automation
Switchgear Training Centre
C-6 & 7, UPSIDC,
P. O. Sarojininagar,
Lucknow - 226 008
Tel: 0522 247 6015 / 97944 54455
E-mail: stc-lucknow@Lntebg.com

Delhi
L&T Electrical & Automation
Switchgear Training Centre
A-25, Imperia Complex, First Floor
Mohan Cooperative Industrial Estate
Near Sarita Vihar / Mohan Estate Metro Station
Main Mathura Road, New Delhi - 110044
Tel: 9899020306, 9720186726, 9560845094
E-mail: stc-delhi@Lntebg.com

Coonoor
L&T Electrical & Automation
Switchgear Training Centre
Ooty-Coonoor Main Road
Yellanahalli P.O.,
The Nilgiris - 643 243
Tel. : 0423 251 7107
E-mail: stc-coonoor@Lntebg.com

Vadodara
L&T Electrical & Automation
Switchgear Training Centre
Behind L&T Knowledge City,
Near Village Ankhol,
Vadodara - 390019
Tel: 0265 6147805 / 6147808
E-mail: stc-vadodara@Lntebg.com

Kolkata
L&T Electrical & Automation,
Switchgear Training Centre,
2nd Floor, Block BN3, Sector V,
Salt Lake City,
Kolkata - 700091, West Bengal
Contact No. : 9051580700 / 9874448612
E-mail: stc-kolkata@Lntebg.com

Customer Interaction Center (CIC)
BSNL / MTNL (toll-free): 1800 233 5858
Reliance (toll-free): 1800 200 5858
Tel: 022 6774 5858
Email: cic@Lntebg.com

www.Lntebg.com