



1st National Conference on
"EMERGING TRENDS,
CHALLENGES &
OPPORTUNITIES
IN POWER SECTOR"

ETCO 2017

3-4 MARCH, 2017

In Collaboration with



INDIAN SOCIETY
FOR TECHNICAL
EDUCATION



INTERNATIONAL
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GUJARAT
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SAL

Organized By:

Department of Electrical Engineering
SAL Institute of Technology and Engineering Research,
Opp. Sciencecity, Sola Bhadaj road, Ahmedabad, Gujarat- 380060
Web: <http://www.sal.edu.in>, Tel (O): +91 796 522 9333/34



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ABOUT INSTITUTE

SAL Group of Institutions was incepted as a major organ of Adarsh Foundation in 2009, under the Bombay Public Trust Act 1950. Adarsh Foundation is promoted by Shah Alloys Limited a major steel manufacturing company in India, a leading firm in India. The purpose of establishment of campus is to create facilities and undertake research and studies in the field of engineering and other related education fields.

SAL Institute of Technology & Engineering Research (SALITER), a Constituent of SAL is a Self-Financed Institute of Engineering, approved by All India Council for Technical Education, New Delhi and the Government of Gujarat. SALITER is a place where tranquility acquires a new dimension and where modern architecture blends with traditional values to heighten the spirit of continuous learning.

ABOUT DEPARTMENT

Department of Electrical Engineering is enriched with well-equipped laboratories having latest equipments and Softwares. Electrical energy has been the prime necessity since after its invention. Electrical engineering department of SAL Institute of Technology and Engineering Research understands the future trend of electrical engineering and hence has been committed to its goals and missions. The Electrical department focuses on overall development of students and continuously put them through various shop floor trainings and industrial exposure. The department believes in practical and applicable knowledge rather than cramming up the engineering principles.

OBJECTIVES OF ETCO 2017

Indian Power sector has consistently adopted relevant global trends to support sustainable growth in Indian economy. The increasing maturing of the sector is evidenced by adoption and indigenization of new technologies across the energy sector in general and power sector in particular. Of late, the sector has grappled with new challenges which have arisen out of rapid growth of the sector. Some of these challenges will be overcome relatively quickly; some will require all the resourcefulness and intellect to convert them into promising opportunities for future. Growth in power sector is one of the most important requirements for sustained growth of a developing economy like India.

CALL FOR PAPERS

ETCO invites full length Papers/Manuscript containing original and unpublished research work.
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TECHNICAL TRACK FOR CONFERENCE

Power system planning and reliability
Power system analysis, simulation and control
FACTS controllers & HVDC system
Power quality issues and management
Design, development and placement of smart sensors
Grid optimization and Grid challenges
Intelligent monitoring of high voltage power equipment
Power quality monitoring and mitigation
Energy efficient and power saving technology
Soft computing techniques in power system
Optimal & economic management of power system
Power Quality/ Power Management Systems

TRACK-1
Power system operation and Control

Probabilistic approach for analysis & design of electrical machines and drives
Power Electronics and Solid State Devices
Hard switching and soft switching static power converters
Power Electronics in Emerging Technologies
Power Electronics & Energy Conversion
Multilevel converters, matrix converters
Advanced batteries, energy storage devices and systems
Power converters modeling, simulation and control
Electric machines in motion control and other

TRACK-2
Power Electronics and Drives

Smart Sensors and Advanced Metering Infrastructure
Smart Grids Impacts on Fault Management
Green Communications, Smart Energy Storage
Socio-economic Aspects of Smart Grids and Smart Cities
Case Studies and Innovative Applications for Smart Cities
New Energy Applications and Energy Saving Technologies
Development and Utilization of Renewable Energy
New Energy Vehicles, Electric Vehicles
Solar Heat for Industrial Processes
Present Energy Scenario and future challenges
Energy trends for new and renewable Energy Sources in INDIA
Energy Sustainability, Policy and Security
Energy Conservation and Energy Management
Energy Efficient building and Transportation System
Entrepreneurship and Renewable Energy Technologies

TRACK-3
Renewable Energy Technologies and Smart Grids



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IMPORTANT DATES

Dead line for Paper Submission:	15/02/2017
Notification of Acceptance for Paper:	25/02/2017
Submission of Camera Ready Copy:	27/02/2017
Registration Dead Line (For all Delegates):	28/02/2017

REGISTRATION FEES

Delegates (UG Student)	(UG)	900 INR
Delegates (Research scholar & PG Student)	(PG)	1100 INR
Delegates (Conference Attendee)	(CA)	600 INR
Delegates (Academician)	(AC)	1300 INR
Delegates (On the spot Registration)	(OSR)	1400 INR

CONFERENCE VENUE

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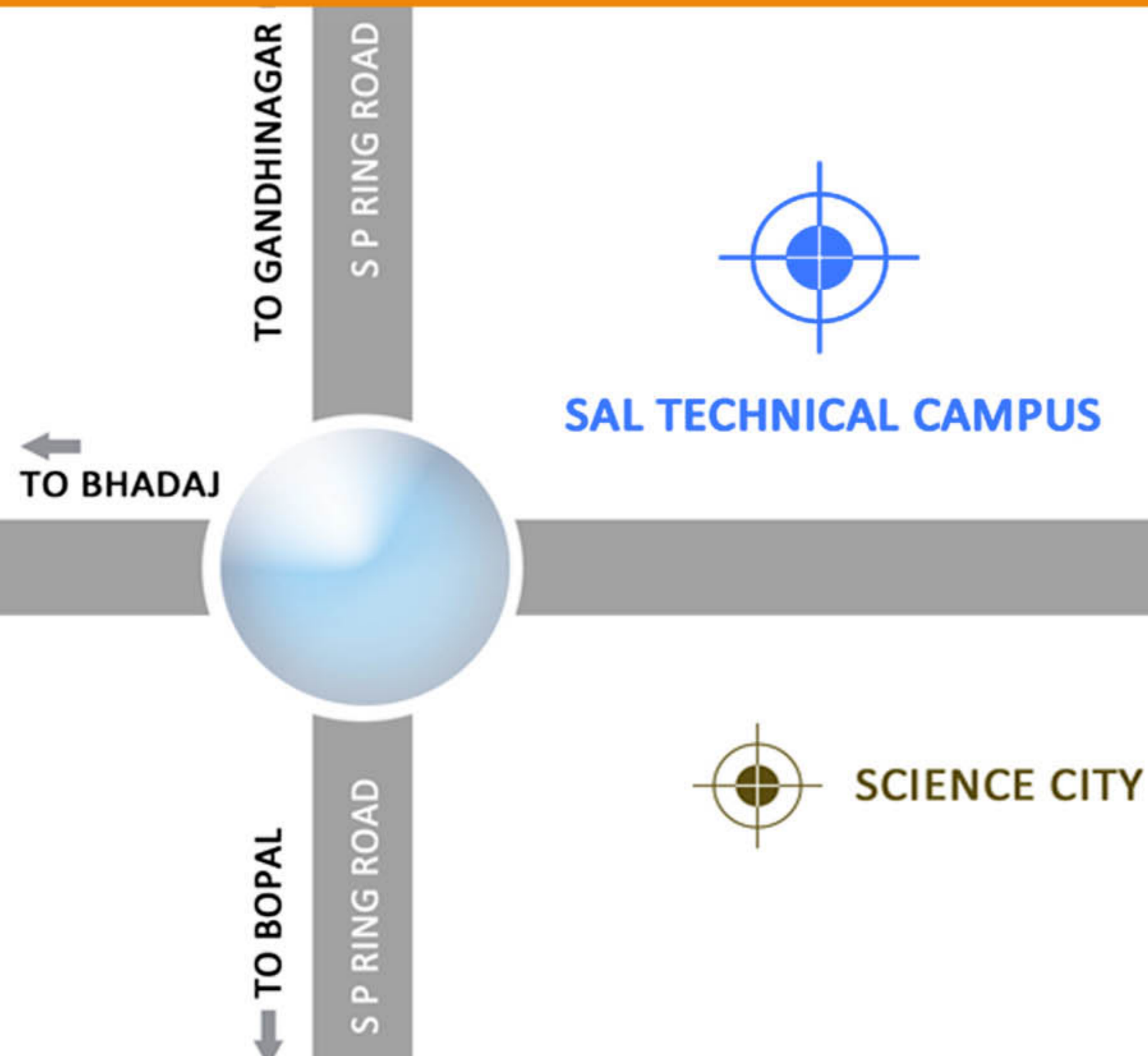


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