

## Advisory Board

### Electrical Engineering

**Dr. D. P. Kothari**  
Former Director  
IIT, Delhi

**Dr. Vivek Pandya**  
Professor  
Electrical Dept.  
PDP, Gandhinagar

**Dr. Pragnesh Bhatt**  
Associate Professor  
Electrical Dept.  
PDP, Gandhinagar

**Dr. S. C. Vora**  
Professor  
Electrical Dept.  
Nirma University  
Ahmedabad

### Mechanical Engineering

**Dr. D. S. Sharma**  
H.O.D  
Mechanical Dept.  
FTE, M.S.U  
Vadodara

**Dr. Sanjay Jain**  
Associate Professor  
Mechanical Engg. Dept.  
Nirma University  
Ahmedabad

**Dr. Y.D. Patel**  
Associate Professor  
Mechanical Engg. Dept.  
ADIT, V.V.nagar

**Dr. Vinod Patel**  
Associate Professor,  
Mechatronics  
Engg. Dept.  
GCET, V.V.nagar

### Civil Engineering

**Dr. P.S. Shah**  
Dean,  
Faculty of Technology,  
CEPT., Ahmedabad.

**Dr. T.M.V  
Suryanarayana**  
Director,  
WREMI, M.S.U,  
Vadodara

**Dr. V.R. Panchal**  
Professor & Head  
Civil Engg. Dept.,  
Charusat

**Dr. H.M. Patel**  
Professor, Civil Dept.,  
FTE, M.S.U.  
Vadodara

## Organizing Committee

### Patron

Dr. Jayeshkumar S. Patel

### Conveners

Prof. Abhishek M. Patel (Electrical)  
Prof. Viswas B. Rajyaguru (Mechanical)  
Prof. Megha H. Patel (Civil)

### Co-Conveners

Prof. Henal P. Bhagatwala (7405069474)      Prof. Vimal Patel (7990603413)  
Prof. Vaishali Patel (9904958123)

### Committee Members

Prof. Kinjal G. Shah      Prof. Pragnesh Kandoliya  
Prof. Shruti K. Khatri      Prof. Firoj H. Pathan  
Prof. Piyush Parmar      Prof. Chirag Patel  
Prof. Dhirendra Rana      Prof. Bharat Kapadiya  
Prof. Sonal Prajapati      Prof. Harikrushna Dobariya  
Prof. Pragnesh Prajapati      Prof. Mukesh Chaudhry

Prof. Niharika Sharma  
Prof. Shabazara Saiyad  
Prof. Grishma Patel



### Vadodara Institute of Engineering

Vadodara-Halol Toll Road, Kotambi  
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Email: vierorgin@yahoo.com  
Website: [www.vier.org.in](http://www.vier.org.in)



## 3<sup>rd</sup> National Conference

On

Recent Research & Development  
In Core Disciplines of Engineering

2<sup>nd</sup> April, 2019



UNITE TO UNLOCK  
ENGINEERS BEYOND BOUNDRIES  
NATIONAL CONFERENCE 2015

Supported by:



Department of Science & Technology  
Government of Gujarat



Gujarat Council on Science & Technology  
(GUJCOST)

Organized by:

Electrical, Mechanical & Civil Engineering  
Department

Vadodara Institute of Engineering

Kotambi, Dist. Vadodara – 391510

## About Institute:



Vadodara Institute of Engineering (known as VIER) was established in June 2009 with an objective to provide qualitative and value based education to the students. The institute is affiliated to Gujarat Technological University (GTU), Ahmedabad and approved by AICTE, New Delhi. The institute is located in incredible pleasant and peaceful environment, 19 km away from Vadodara Railway Station and 15 km away from Vadodara Airport. The Institute has campus area of 31 acres with separate departmental buildings, well equipped laboratories, rich library and other indispensable resources to provide excellent learning environment.

## Academic Achievements:

- ❖ Achieved 1<sup>st</sup> Rank in Vadodara in GTU result of B.E. Semester-IV,VI,VIII Examination May, 2018
- ❖ Achieved 1<sup>st</sup> Rank in Vadodara in GTU result of B.E. Semester-V & VII Examination Dec, 2017

## International Award

- ❖ Winner of Best Design Award while representing India at International ROBOCON 2016 held at Bangkok, Thailand on August 21, 2016.

## National Award

- ❖ Best Mentor Award in E-Yantra Ideas Competition, 2018 organized by IIT Bombay during March 23 - 24, 2018.
- ❖ Winner of National Final of eYIC 2018 organized by IIT, Bombay
- ❖ Five Best Paper Awards to our Faculty members during 22 ISTE Faculty Convention, December 2017
- ❖ Best Student Award of the Year in three consecutive years 2016, 2017 and 2018 by ISTE to our student
- ❖ Achieved 10<sup>th</sup> rank among 35 teams across India for Mitsubishi Electric Cup 2018.
- ❖ Shortlisted in Top Ten Dewang Mehta IT Awards in threeconsecutive years 2015, 2016, 2017 & 2018.

## Conference Objectives

- ❖ To explore research potential in areas of Core Disciplines of Engineering like Electrical, Mechanical and Civil Engineering.
- ❖ To reinforce the knowledge among participants through pursuing new technical insights of emerging technologies and current hot spots in said areas.
- ❖ To identify promising paths of research in core areas that will assist in future design of tools.
- ❖ To provide research inputs to technocrats that will help our nation through solving problems.

## Conference Themes

### Electrical Engineering

- ❖ Innovations in Power System Engineering
- ❖ Power Electronics & Digital Signal Processing technologies
- ❖ Instrumentation, Control System Engineering and Artificial Intelligence
- ❖ Advancement in Non conventional Energy Sources & Optimization Techniques in Electrical Engineering

### Mechanical Engineering

- ❖ Research & Development in Thermal Engineering and Equipments
- ❖ Recent challenges in Production Engineering & Technology
- ❖ Advanced Machine Design & Its applications
- ❖ CAD/CAM/Robotics/AI/FEM/CIM/CAPP

### Civil Engineering

- ❖ Use of Geo-informatics and Transportation Engineering for Urban Planning, Development and Management
- ❖ Research and Development in Building Materials
- ❖ Water and Waste management in Developing Countries
- ❖ Advances in Geotechnical Engineering and Structure Designs for Safe and Stable Structures
- ❖ Advance Concrete Technology & Sustainable Construction Practice

## Submission of Full Paper

The paper pertaining to conference themes in the format shown on institute website [www.vier.org.in](http://www.vier.org.in) clearly describing the scope of the paper, methodology, research issues, result and conclusions should be submitted to conference E- mail id: [nc.vier2017@gmail.com](mailto:nc.vier2017@gmail.com). Author should include Author's Name, Designation, organization, addresses and contact details in the mail for proper future correspondence and subject of mail should include any one of conference theme.

## Who Should Attend the Conference?

The conference aims at welcoming all the researchers, post graduate students, faculty members and industry professionals working in the field of conference themes.

## Important Dates

Last Date of Full Paper Submission : 15<sup>th</sup> March, 2019  
Notification to Authors : 20<sup>th</sup> March, 2019  
Last Date of Submission of Camera Ready Paper: : 23<sup>rd</sup> March, 2019

## How to Register

Application duly filled in the prescribed format along with the Demand Draft of applicable registration fees drawn in the favor of "Vadodara Institute of Engineering" (Payable at Vadodara) should be sent to institute on or before due date. Interested candidate may also pay the registration fees in cash before due date. Registration form can be photocopied or downloaded from the institute website for the more registration.

## Registration Fees

Research Scholars	Rs. 300
Faculty (ISTE Members)	Rs. 400
Faculty(Non ISTE Members) Professionals from Industry	Rs. 500

## Transportation

Travel expenses will have to be borne by the participants themselves or by their sponsoring organization. However, the institute will provide bus facility to participants for local transportation.

## Accommodation

Accommodation facility will be provided to the participants according to their choice on payment basis

## Places of Visit



- ❖ Pavagadh (35 km from VIE)
- ❖ Champaner (20 km from VIE)
- ❖ Jambughoda Wildlife Sanctuary (45 km from VIE)
- ❖ Zandhanuman (38 km from VIE)

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