

**TEQIP-III Sponsored Two Week  
Short Term Training Program  
On**

**“FUTURISTIC TECHNOLOGIES IN  
INDUSTRIES”  
27<sup>th</sup> May – 8<sup>th</sup> June, 2019**



**Jointly Organized by**

Department of Electrical Engineering  
**B V M Engineering College**  
(An Autonomous Institution)  
Vallabh Vidyanagar – 388 120,  
Gujarat  
**Website:** www.bvmengineering.ac.in



Department of Electrical Engineering  
**Govt. Engineering College,  
Banswara**  
(An Autonomous Institution)  
Banswara – 327001, Rajasthan  
**Website:** www.gecbanswara.ac.in



**Coordinators**

Prof. Y R Prajapati (BVM)  
Prof. Abhishek Singh (GECB)

**Co coordinators**

Prof. J. C. Baria (BVM)  
Prof (Ms). Bulbul Mewara (GECB)

**Chief Patron**

Er. Bhikhubhai B. Patel  
(Hon. Chairman, CVM & BoG BVM)

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Shri R. C. Talati (Hon. Jt. Secretary)	Shri. Mehul Patel (Hon. Jt. Secretary)
Shri Vishal Patel (Hon. Jt. Secretary)	

**President**

Dr. Indrajit Patel Principal, BVM	Dr. Shiv Lal Principal, GECB
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**TEQIP III Core Committee**

Dr. S. D. Dhiman	TEQIP III Coordinator
Dr. P. M George	Nodal Officer, Academics
Dr. T. D. Pawar	Nodal Officer, Procurement
Dr. S. B. Patel	Nodal Officer, Finance
Dr. D. M. Patel	FSD Co-coordinator
Dr. J. M. Rathod	Twinning Coordinator
Dr. D. G. Thakore	Advisor

**Department of Electrical Engineering**

Dr. B. R. Parekh Head(BVM)	Prof. Abhishek Singh Head (GECB)
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**Program Conveners**

Dr. N. G. Mishra Professor (BVM)	Prof. A. A. Shaikh Professor ( BVM)
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**Advisors**

Dr. B. G. Desai	Ex. Consultant, Devki Consultancy
Er. B. N. Raval	EA, Soham Techno. Baroda
Dr. V N Kamat	Director, Baroda Meters Ltd, V U N
Dr. J. J. Patel	Prof. EED (GCET)
Dr. C. D. Kotwal	(Head, EED (SVIT, Vasad)
Prof. R K Yadav	Prof. EED (BITS, Vadodara)
Prof. A. A. Parmar	Head EED, (BBIT)

**Team Members**

Electrical Engineering Department of BVM  
Engineering College & GEC Banswara

**Registration Details**

**Fees:**

Student UG/PG	Rs. 1200/-
Research Scholars/Academicians	Rs. 3000
Delegates from industries	Rs. 7500/-

The registration fees should be paid in form of Cheque or Bank Demand Draft drawn in favor of **Principal, BVM Engineering College**, payable at VallabhVidyanagar. It is compulsory for all applicants to send hardcopy with Demand Draft/Cheque on or before **25<sup>th</sup> May 2019** to the following address. Accommodation will be provided on chargeable basis on request. No TA/DA will be given.

**Programme Coordinator**

Electrical Engineering Department, BVM Engineering College,  
VallabhVidyanagar, Anand - 388120 (Gujarat)  
Website: www.bvmengineering.ac.in  
Email: sttp\_ee@bvmengineering.ac.in  
Mobile No: 9426839988 / 9925044099  
**Last date of Registration: 25<sup>th</sup> May 2019.**  
**Confirmation of Participation: on or before 25<sup>st</sup> May 2019.**



### About CVM

One of the greatest son of India Late Sardar Vallabhbai Patel inspired Shri Bhaikaka and Shri Bhikhabhai Saheb for rural resurgence of post independent India through education and thus Charutar Vidya Mandal was established on the year 1945 as a charitable trust with a prime objective of rural development through education to bring about the social awakening, social upliftment and enrichment. Over subsequent years, Dr. H. M. Patel consolidated the efforts in by the founder. In 1994 Dr. C. L. Patel took over the reigns of CVM as the chairman, and through his dynamic leadership. He added a modern education campus at New VallabhVidyanagar. At present CVM operates 48 educational institutions with 45000 students from 18 states of the India and 12 countries across the world under the dynamic chairman Shri Bhikhubhai Patel. CVM is one of the major education trusts of our country catering quality education to all sections of the society.

### About BVM

BVM Is a Premier Autonomous Institution of Charutar Vidya Mandal (CVM) founded in 1948. Motto of BVM: Work is worship. BVM is the first degree engineering college of the Gujarat state. More than 21000 engineers have graduated from this college. BVM offers B. Tech, M. Tech and Ph. D degree Programme. The college is situated at VallabhVidyanagar, which is about 4 km from Anand Town. The most striking feature of BVM is the dedicated and experienced faculty base.

### About Department

Electrical engineering program established in Started with 25 seats in 1948 and then Intake increased to 60 in 1954. The Department is accredited by NBA in Jan 2012 for three years. This program has been granted autonomy by Gujarat Technological University and sanction of the same is awaited

by University Grant Commission. The program autonomy has invited new program curriculum from 2013. Besides offering B. E. Electrical Engineering program the department has organized number of Short Term Training Program in areas of expertise that include Power System, High Voltage, Power Electronics Applications to Power System etc.

### About TEQIP III

The Project, Third Phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the Twelfth Five-year Plan objectives for technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for low income states and special category states and support to strengthen few affiliated technical universities to improve their policy, academic and management practices. The project will be implemented in alignment with the 12th Five Year Plan (2012-17), based on faster sustainable, and inclusive growth. It emphasizes increasing the supply of highly skilled workers to drive the economy as well as helping low income states catch up with their more advanced neighbors. BVM is one of 190 government and government funded institutions nationwide selected for TEQIP-III and the only institute in Gujarat state to have this honor.

### About The Program

The objective of the program is to acquaint the participants with the recent industrial practices. The rise of new digital industrial technology is a transformation that makes it possible to gather and analyze data across machines, enabling faster, more flexible, and more efficient processes to produce higher-quality goods at reduced costs. Also energy saving opportunity of energy used in industries by Energy Management, Applications of Power Electronics and VFDs in industries. Effect renewable energy sources like solar and wind in a smart grid will be also discussed. The program helps the participants

to understand standards of industry 4.0, PLC/SCADA applications and Industrial consultancies for engineers. Also participate will learn about different industrial software.

### Course Content

Industry 4.0, Industrial automation and control, recent trends in Power Electronics, VFDs and Power system, Practice on energy management, Current scenario in renewable energy system, PLC/SCAD applications, Industrial visit. Waste Management, Applications of software in industry i.e. ETAP, PSIM, MATLAB.

### Who Should Attend?

The training program is open to all faculty members, PG students, Research scholars from technical institutes and Engineers from industry.

### Program Outcomes

At the end of the course, the participants are expected to have fair understanding of energy waste, use and conservation in different utilities of industrial, commercial and residential sectors.

### Resource Persons

Experts will be from reputed state level and national institutes, industrial organizations and consultants.

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**Registration Form**

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Department:** \_\_\_\_\_

**Qualification:** \_\_\_\_\_

**Teaching Experience:** \_\_\_\_\_

**Institutional Address:** \_\_\_\_\_

\_\_\_\_\_

**E-Mail:** \_\_\_\_\_

**Mobile No:** \_\_\_\_\_

**Accommodation Required:**  YES  NO

**Payment Details:**

**Bank Name:** \_\_\_\_\_

**Amount:** \_\_\_\_\_

**Cheque / DD No:** \_\_\_\_\_ **Date:** \_\_\_\_\_

I shall attend the training programme for the entire duration. I also undertake the responsibility to inform the coordinator sufficiently in advance, in case I am unable to attend the training programme.

**Signature of  
Applicant**

**Signature & SEAL  
of the HOD/Institute Head**

**Note: It is compulsory for all applicants to send hardcopy with Demand Draft/Cheque on or before 25<sup>th</sup> May 2019**