

VOLUME 3 : JAN 2019-DEC 2019

A Newsletter

# VidhyutVishwa

of  
Department of Electrical Engineering

**PEACE BE AMPLIFIED;  
WORLD BE RECTIFIED!**



**ELECTRICAL ENGINEERING DEPARTMENT**  
**VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE**

Near Visat three roads, Sabarmati-Koba highway, Chandkheda,  
Ahmedabad-382424



(079)290299903, 23293866




hod\_elect@vgecg.ac.in



www.vgecg.ac.in

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## FROM THE DESK OF PRINCIPAL

2019 has been tremendous and successful year for Vishwakarma Government Engineering College Chandkheda. Getting Accreditation for 4 branches (Mechanical, IT, Civil, Chemical) is a milestone achievement in the history of government engineering colleges of Gujarat. Apart from that GTU Central TechFest-2019, Vishwasmruti 3.0 and Vishwacup-2019 has been important feather to our cap. Our approach reflects the educational needs of the 21st century. We focus on our students by providing them with a world-class outcome based education and hands-on experience through research, training, and student forum activities etc. Nurturing creativity and inspiring innovation are two key elements of successful education and newsletter of Electrical Engineering Department is perfect amalgamation of both. Technology is evolving at a dizzying rate and our students requires more than classroom teaching to keep pace with it. But the pages of this newsletter tell the tale of all that have been a part of what is right about the engineering and technological knowledge that they get at VGEC.

~DR. N N BHUPTANI

## FROM THE DESK OF HEAD OF DEPARTMENT

I am pleased to inform you about the forthcoming issue of newsletter of Electrical Engineering Department. The major challenge for today's engineering educational institutions is to accommodate the ever varying aspirations of the younger generation because of increasingly changing demand and development in industries. Electrical Engineering Department constantly put efforts to accommodate these aspirations by fine tuning the academics of college with innovative and practical oriented teaching - learning practices along with other developmental activities. Electrical Engineering Department provide mix of academic and extra-curriculars through meticulous and careful planning. Electrical Engineering Department have displayed commendable work in organising seminars, workshops, conferences and industrial visits, Open house etc. in last academic year. This newsletter will be a mirror for showcasing the curricular and extracurricular activities and achievements of students, alumni and faculty members. I do applaud and appreciate the editorial team for their successful completion of daunting task of putting together the myriad of thoughts and dreams of our students and faculties into a meaningful visual fest.

~PROF. R R KAPADIA

“

"TO A PESSIMIST, THE GLASS IS HALF EMPTY. TO THE OPTIMIST, THE GLASS IS HALF FULL. TO THE ENGINEER, THE GLASS IS TWICE AS BIG AS IT NEEDS TO BE."

”

## ABOUT DEPARTMENT

The Electrical Engineering Department started in 1994 and offers Bachelor of Engineering in Electrical Engineering. The Program has intake of 150 students and is designed and updated keeping in view the constantly changing industrial needs, skills and challenges emerging out of new research. The Department is very well equipped with laboratory facilities and constantly upgrading available hardware and software to create research / testing environment leading to a great opportunity to learn and progress in different technical domains. The department has well qualified faculties playing major roles in creation of competent & disciplined engineers to serve the nation. The department works for the overall development of the students by regularly organizing workshops, expert lectures, industrial visits, open house to review the projects and other technical activities



### VISION

To produce comprehensively trained, socially responsible and innovative electrical graduates to contribute to the society.

### MISSION

1. To develop well equipped laboratories and infrastructure for conducive learning.
2. To produce competent and disciplined electrical engineers to serve the nation.
3. To help in building national capabilities for excellent energy management and to explore nonconventional energy sources.
4. To produce electrical engineers with an attitude to adapt themselves to changing technological environment.
5. To enhance entrepreneurship skills through startup.

### PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. Develop and conduct appropriate electrical experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
2. Acquire and apply new knowledge as needed, using appropriate learning strategies through innovation.
3. Work independently on a project or as a team leader.
4. Get an employment in various government and private sector Companies, pursue research and innovation.

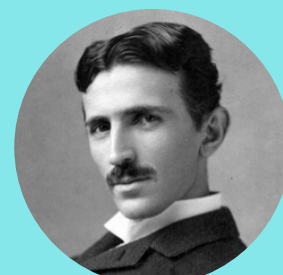
### PROGRAM SPECIFIC OUTCOME (PSOs)

1. Use various electrical testing tools and equipments in industry, be an Entrepreneur, Enroll in post-graduate courses, Pursue Research and Innovation in the field of Electrical Engineering.
2. Use knowledge of various electrical machines and electrical power system in solving complicated electrical circuits and networks by using latest design and simulation tools.
3. Use technical expertise and suggest modifications in existing electrical systems.

### Did You Know ?

Nikola Tesla was a famous electrical engineer, inventor and physicist. Nikola Tesla wanted to create the way to supply power without stringing wires. He almost accomplished his goal when his experiment led him to creation of the Tesla coil. It was the first system that could wirelessly transmit electricity. From 1891 to 1898 he experimented with the transmission of electrical energy using a radio frequency resonant transformer of the Tesla coil, which produces high voltage, high frequency alternating currents. With that he was able to transfer power over short distances without connecting wires. He is arguably believed to be the pioneer of wireless transmission of modern day networks such as 'internet'.

"When wireless is perfectly applied the whole earth will be converted into a huge brain. We shall be able to communicate with one another instantly, irrespective of distance. We shall see and hear one another as perfectly as though we were face to face, and the instruments we shall be able to carry one in vest pocket." - quoted by N. Tesla in 1926



Nikola Tesla  
10 July 1856 - 7 January 1943

## DEPARTMENTAL ACTIVITIES

### INDUSTRIAL VISITS

- Industrial visit to Electronics and Quality Development Center, Gandhinagar on 6th July, 2019 for 7th semester Electrical students., accompanied by Prof. P J Purohit.
- 5th semester Electrical students along with Prof. J A Prajapati and Prof. H B Vaghela went to Gandhinagar thermal power station on 25th September, 2019.
- Industrial visit to Village Sughad, Gandhinagar on 22nd February, 2019 for 8th semester Electrical students which was carried out under the head of "Technical / Research Skill" and accompanied by Prof. N P Shah and Prof. Vaibhavi Parmar.
- On 18th February, 2019, 8th semester Electrical students along with Prof. P J Purohit and Prof. M G Jadeja went to 400 kV Soja substation.
- In association with VGEC Alumni Association organised two industrial visits at Topline Switchgears and at Kosol Energy for electrical students. The aim of visits to gain overall knowledge of up growing modern industries



### FIRST YEAR ORIENTATION

Electrical engineering department welcomed new and prospective first year students with an orientation program. The Faculty and current students working collaboratively developed a program which provided first year students to succeed in the transition from high school to college life. The program was aimed to articulate the academic expectations of students and available academic resources, to foster a spirit of independence and self-direction through self-reflection and advocacy, to communicate the importance of health and wellness in college and



share resources and to facilitate identification with and integration into the College by informing students about the history, traditions, campus culture, and engagement opportunities.

### FACULTY DEVELOPMENT PROGRAM ON RECENT TRENDS IN POWER SYSTEM OPERATION AND CONTROL

Electrical Engineering department conducted GTU sponsored and ISTE approved one week faculty development program on "Recent Trends in Power System Operation and Control" from 25th November to 30th November, 2019. The FDP was coordinated by Prof. R R Kapadia, Head of department. The objective of the FDP was to acquaint the faculty and research scholars with major areas of operation and control of electrical power system and different techniques used in controlling and analyzing in recent era of Electrical Power System. The program was also focusing on overview of recent trends in techniques for voltage stability, optimization and control of power system,

so as to achieve the best overall system control performance, system economics, optimal generation allocation, system stability and required reliability. Total 40 faculties from various engineering institutes across Gujarat had participated for the FDP. The entire training program was facilitated by eminent experts from premier institutes like IITs and other national level technical institute. Each day of training had 3 sessions of expert talk covering all recent trends in power system.



## OPEN HOUSE'19

Electrical department organized an open house for final year students on 15th and 16th April, 2019. The aim of the event was to showcase innovative project work carried out by the students. 31 teams (137 students) participated in this event to showcase the working model of their project. All the projects were judged by the industrial experts and they selected following teams as winners. Winning teams were awarded with the cash prize of ₹ 1500, ₹ 1000 and ₹ 500 respectively.



### OPEN HOUSE'19 WINNERS



- Ambaliya Bhavesh, Hirapara Piyushkumar, Lathiya Tejaskumar, Sharma Shubhdeep, Thakkar stood 1st with Project: Automatic Accident Detection System.
- Zala Jayrajsinh, Sorathiya Rahul and Trivedi Shubham stood 2nd with Project: Design investigation and fabrication of multilevel inverter for induction motor drive.
- Desai Samarth, Pandya Bhavarth and Patel Arpitkumar stood 3rd with Project: Optimal design of substation earthing system.

## GTU CENTRAL TECHFEST'19

Vishwakarma Government Engineering College hosted the GTU Central Tech-Fest'19, on the 8th and 9th of April 2019 coordinated by Prof. (Dr.) D P Maheshwari, Asso. Prof. of Electrical Department. The event covered social causes like Traffic Management and Awareness Program, Blood donation and eye check-up camp, Election Awareness NukkadNatak and a run for 'Green Environment' along with invigorating competitions including 50+ technical and non-technical events, 6+ entrepreneurship events, 5+ workshops, Ace d Expert 2.0 talks, astounding ATV Championship 6.0 and a Conclave blending the defence, atomic and space technologies named 'Trishool' creating a latitude for students to burgeon their technical and managerial skills. Electrical Department organized many technical events as a part of TechFest Coordinated and Volunteered by Electrical Engineering students such as :



### CODEFEST

Event was aimed to test the knowledge of Arduino among students. During the task, participants had to rectify the Bugs, and get the desired output. Around 110 students participated in the event.

Faculty Coordinator : Prof. D J Vaghela

Student Coordinator : Malhar Panchal, Ashu Prajapati.

### CIRCUITRIX

The event comprised of Circuit solving tasks such as circuit maze, Electrical housie, Electrical treasure hunt. 60 Teams participated in the event.

Faculty Coordinator : Prof. AY Solanki

Student Coordinator : kishan Patel, Nitesh Suthar.

**SOLAR SPLASH**

The event was aimed to test the knowledge of application of Solar Power. The participants were to assemble Solar Car. Based on the accuracy, strength and control of the car, winners were announced.

Faculty Coordinator : Prof. R R Surani, Prof. J A Prajapati

Student Coordinator : Kshatriya Rahul, Rachhadiya Krunal,

**LASER WARFARE 3.0**

Event consisted of technical quiz related to laser, and further teams had to memorize the shapes and trace the path. 70 Teams participated in the event.

Faculty Coordinator : Prof. H B Vaghela

**TECH ROADIES**

An event consisted of three rounds, where participants had to solve analytical problems and their physical strength was taken to task such as crossing 'spider loop'. Total 40 Teams participated in the Event.

Faculty Coordinator : Prof. T P Shah

Student Volunteer : Bhargav Makwana,

**ELECTRO BUZZ**

The Event was aimed to test the knowledge of identification of Electrical elements and to assemble them to form system of circuits. 79 Teams participated in the event.

Faculty Coordinator : Prof. D V Makwana.

**DESIGN PRESENTATION DAY**

Department celebrated the National Innovation Day (Birth Anniversary of Former President of India Dr. A. P. J. Abdul Kalam) on 15th October 2019 with a purpose to remind and encourage students to use their creativity to make the world a better place and to make their place in the world better too. Around 130 students of 3rd semester, Electrical Engineering participated in this event.

**IEI STUDENT CHAPTER**

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform to share professional interest. It provides a vast array of technical, professional and supporting services to the government, industries and the engineering fraternity. The Gujarat State Center has been one of the active centers of the Institution of Engineers (India) which is engaged successfully translating the objectives and ideals of IEI into practice. There are 72 students are part of IEI Student chapter. In 2019 under IEL, department organised an expert lecture on "Power System Protection" on 31st July, 2019. The speaker invited was Dr. Vivek Pandya who shared his knowledge on protecting relays.

**VGEC ALUMNI ASSOCIATION**

With its distinctive principles and ideals, a congregation of experienced alumni association gives medley of opportunities to unleash budding youth talents by providing them a glint of hope and a trail to success. Our main goal is to connect the alumni and current college students to meet up the need and connect the dots with an all-around training to elevate their competence. For more details: <https://www.vgecalumni.org>

Faculty Coordinator : Prof. Avani Mistry, Prof. Jignasha Prajapati and Prof. Hitendrasinh Vaghela.

**STAR ALUMNI**

NAME	COMPANY	DESIGNATION	PASSOUT YEAR
Wng Cmmndr Ravi Bajia	No 3 Air Force Selection Board	Psychologist	2003
Yusufi Kapadia	Civil Aviation, Kuwait	Sr. Infrastructure Engineer	2003
Sanjiv Shah	PPG, Asian Paints Pvt. Ltd.	Engineer	2003
Niharika Malhotra	AVP, Accenture, Hyderabad	SAP Consultant	2003
Keya Shukla	SAC, ISRO	Scientist F	2004
Vrajesh Bhavsar	Numascale, France	Project Manager	2004
Jignesh Borisagar	GRDC, GUVN, IITGn	R&D Engineer	2008
Hemik Doshi	Saura Synergies Pvt. Ltd.	Project Engineer	2016
Raviraj Patel	Cleveland State University	Graduate student and Intern	2016
Krunal Dave	Diman Overseas Pvt Ltd	Senior Engineer Sales	2016
Sumit Jhakhania	PGVCL	Junior Engineer	2016
Kush Prajapati	Torrent Power Ltd.	Graduate engineer trainee	2017
Siddhant Thakkar	VOLTAMP Transformers Ltd.	Marketing Engineer	2017
Akshay Bhavsar	Torrent Power Ltd.	Jr. Engineer	2017

## PLACEMENT CELL

The Placement Cell of Electrical department in Vishwakarma Government Engineering College has been operational with the dual objective of coordinating with the industries to arrange campus placement and arranging career counseling to the students for placement and higher studies. The cell facilitates training for the students for facing the personal interviews and supports in enhancing their technical skills as well as soft skills. Students register themselves in placement portal. They enter all the details about them.

They fill in their details against the vacancy of all the companies details of which are put on portal. This way, companies can access data of interested and eligible students. Companies then shortlist students and conduct next round of interview after written test if any.

Website for students registration: <http://placement.vgecg.ac.in/logon.php>

For details contact Department TPOs : Prof. D J Vaghela and Prof. NJ Patel

### PLACEMENTS

Name of Company	Selected Students
Torrent Power Limited	Bhavesb Nathubhai Ambaliya
	Kaushal Atulkumar Gopani
	Kinjal Lallubhai Chaudhari
	Aditya Hiteshkumar Pathak
	Manthan Trikambhai Sakariya
	Hardik Rameshbhai Satani
	Shubhdeep Rajeev Sharma
	Rahul Mukeshbhai Sorathiya
	Chintan Rameshbhai Pasani
	Sandip Vajubhai Jodhani
	Dhaval Kumar Natvarlal Mepal
Geocarte radar, IIT Gandhi nagar	Kishan Vitthalbhai Akhani
	Vatsal Snehal Joshi
	Jayrajsinh Pruthvirajsinh Zala
Amrut energy	Aarsh Shreyas Vyas
	Maitrey Bharatbhai Nandola
Shriram transport finance	Parth Lalitbhai Parmar
Institute of Plasma Research	Bhargav Natubhai Gadsa
G.A.C.L.	Prachi Shah
Plasma Induction	Manav Trivedi
Agile Machinerics Pvt. Ltd	Sunil Lalbhai Darji
Abhay Induction Tech Pvt. Ltd.	Ravi Sanjaykumar Panchal
Polycab India Ltd	Mohomodashiq Hasanraza Mirza

## PROJECTS SEELCTED UNDER SSIP

- Vatsal Joshi, Dhruv Shah, Kaushal Gopani and Shaunak Shah presented a paper titled "Development of A New GUI Using MATLAB for Performance Evaluation of Power Transmission Lines" in SSIP conference held at EDII, Bhat, Gandhinagar in June 2019.
- Kaushal Gopani, Vatsal Joshi, Dhruv Shah, Shaunak Shah, Harsh Sharma and Amit Negi are working on a project named "Design Optimization of EHV AC Transmission line" under SSIP with fund of ₹ 90,000. Mehta Nirav, Patel Kishan Patel Dhaval are working on a project titled "Smart Wheelchair" which can climb stairs with the help of continuous track mechanism under SSIP and the project got sanctioned ₹ 89,400 under SSIP.
- Mitul vadher , Katara Amit M, Koriya Vishal N., Zala Sagar and Chauhan Kuldip are working on a project named "Electricity Generation using solar panel tracking system operating on water clock" .The idea is to design low cost solar panel rotor which will boost the efficiency of the panel by 30% and produce clean water everyday. The project got sanctioned ₹ 36,000 under SSIP.
- Patel Divyang, Chaudhari Kinjal and Chaudhari Shreyash are working on project entitled "Helmet Operated Two Wheeler" which is aimed on safety of the driver and have been sanctioned ₹ 2,400 under SSIP.
- Dhruvin Timbadiya, Nikhil Umrejiya, Jenish Thummar and Brijesh Vaghasiya are working on Project named "Economical multi stage HVDC Generator" and got sanctioned ₹ 8,725 under SSIP.





## VISHWAKARMA YOJNA

Vishwakarma Yojana is one of the initiatives towards Rurbanization by Government of Gujarat, which was allotted as a pilot project to GTU. The students and faculty Members meet all the stake-holders in a village, survey the existing facilities. Then they re-imagine and re-design the whole of the infrastructure of the village. The students use their engineering skills to prepare detailed project reports for the infrastructure as a part of their Final Year project work.

This year Mepal Dhaval N. and Patel Hetvi P., students of 7th Semester Electrical Engineering are doing project under Vishwakarma Yojna on "An approach towards Rurbanization" of Jagudan village, Mehsana district.

## GUJARAT INDUSTRIAL HACKATHON

Ambaliya Bhavesh, Hirapara Piyush, Lathiya Tejas, Sharma Shubhdeep and Thakkar Dhaval participated in GIH-2019 with the prototype named "Automatic Accident Detection System" under the guidance of Prof. H. N. Zala, held on 21st and 22nd February, 2019 at Marwadi University, Rajkot.

## RASHTRIYA UCHCHATTAR SHIKSHA ABHIYAN (RUSA)

RUSA is a Centrally Sponsored Scheme, launched in 2013 aims at providing strategic funding to eligible state higher educational institutions. It's main objective is to improve the overall quality of state institutions by ensuring conformity to prescribed norms and standards and adopt accreditation as a mandatory quality assurance framework.

Under this scheme, at VGEC, 16 Electrical students participated in National Skill Development Corporation (NSDC) approved course titled Industrial Automation Specialist. The training was conducted by SOFCON India Pvt. Ltd. for 480 hours. At department level, Prof. B. K. Patel coordinates the training.

### PARTICIPANTS OF RUSA

- AMBALIYA BHAVESH
- BARAD DHAVALKUMAR
- BHUT SWAPNIL
- DHOKIYA HARDIK
- DHOLAKIYA DAXESHBHAI
- GADSA BHARGAV
- PATEL KINJALBEN
- SAKARIYA MANTHANKUMAR
- BHAVSAR DEEP
- DARJI SUNILKUMAR
- KESARIYA DHAVAL
- MAHESHWARY BHAVIK
- PANCHAL RAVI
- PARIKH AKSHAY
- PATEL KAPILKUMAR
- TRIVEDI MANAVKUMAR

## FLY (FINDING THE LEADER IN YOU)

FLY is an innovative program designed by a team of experts in the US for the youth of India to enable them to internalize, practice and inculcate the big five non- cognitive (soft) skills which empower them to become effective leaders in any of their pursuits. The key skills include conscientiousness, perseverance, innovativeness, taking initiative and problem solving skills.

Key facilitators of FLY program Seema Saxena and Anuja Shah presented an overview of the process that went behind developing this program and the importance of competitive skills. Prof. Havovi Trivedi, Advisor, Competitiveness Mindset Initiative (CMI), provided an overall plan for the FLY facilitators to implement the program in various colleges and emphasized the need to maintain the quality and integrity of the program.

Participants are Sojitra Deep, Vaghela Vipul, Vaja Abhay, Dhamecha Jignesh and Mithiya Dhaval.

## BLOOD DONATION AND THALASSEMIA TESTING

In association with NSS, department organised Blood Donation camp and thalassemia test on 1st October 2019. Many enthusiastic students and faculty members from the department participated in the noble cause. Several units of blood was collected which shows socio; empathy of the engineers toward society. Thalassemia test was very helpful for the students in detection of minor Thalassemia and deficiencies.



## GURU PURNIMA CELEBRATION



India is basically a land of spiritual masters, teachers, and gurus. Behind a majority of festivals celebrated in India, the prime purpose is spiritual. Guru Purnima Festival in India is celebrated in June or July to commemorate all the great enlightened masters, gurus, and teachers who dedicated their lives to self-realization and enlightenment and spreading the light of enlightenment all around without any purpose of personal gain. There are a few historical references associated with the day. For Hindus, the day is special as Rishi Vyasa, the author of Mahabharata was born on this day. Buddhists observe this day as Lord

Buddha gave his first sermon on this day. On this day, students of electrical department paid obeisance to their masters, teachers, and gurus for bringing the light of knowledge and enlightenment in their lives. Special gathering was organized by students in Electrical department. Students thanked all faculty members by gifting them flower, symbol of respect and honor. Students' efforts reflected the significance of the day that Guru Purnima is a wonderful day and it reminds everyone the significance of great, self-effacing teachers, masters, and gurus in oriental culture.

## TREE PLANTATION

More than 150 students and faculties have adopted trees of campus and promised to nurture them right from planting the sapling. On the whole, the event had a fantastic start with planting saplings like neem, tulsi and asopalav- the friends of environment.



## WEBINAR: "INDIA FIRST LEADERSHIP TALK SERIES"

The first talk was delivered by Shri Anand Mahindra, Chairman, Mahindra Group on 8th February, 2019. The objective of this program was to motivate students for the entrepreneurship & leadership. Around 40 students from Electrical Engineering department have attended this program.



## FAREWELL 2019

" THINGS END. BUT MEMORIES LAST FOREVER.

To bid adieu to the graduating students of Electrical Department 2019, a farewell was organized by VGEC Alumni Association on 16th of April. It was an evening of mixed emotions for all present there to witness the official send-off for the graduating students of Department of 2019. The evening was a fiesta devoted to the years spent together with friends and teachers to reminisce joyous moments. The juniors created an aura of enjoyment and music for the seniors to enjoy their last memories in the college.



## FACULTY ACHIEVEMENTS

### PATENT FILED

Prof. Divyesh Vaghela and his team, Yadav Komal, Desai Neel, Unhale Pratiksha, Monpara Ruchit, Bhadania Deepkumar and Yadav Suraj filed a patent on "Railway Track Cleaning Automated BOT" and got published on 15th March, 2019.

### FDP ON EXAM REFORMS

### FDP ON OUTCOME BASED EDUCATION

VGEC, Chandkheda in association with AICTE and GTU in the guidance of Director of Technical Education Gandhinagar organized one day workshop on "EXAMINATION REFORMS" and three days workshop on "OUTCOME BASED EDUCATION" in the month of January, 2019 for the faculties of GTU affiliated institutes. The events were coordinated by Prof. Y B Bhavsar.

### FACULTY PAPER PRESENTATION

- Prof. K. A. Vyas published "A novel GUI based approach for computation of extremely low frequency fields and Corona effects for UHVAC transmission lines in IEEE conference with ISSN/ISBN number 978-1-5386-8189-3
- Prof. R. R. Surani published a Conference /Journal on From Smart grid to an energy internet: ( A review paper on key features of an energy internet) under name of IJERT with ISSN number ISSN 2278-0181.

### FACULTY TRAINING

Name of Faculty	Training Details
Prof. RR Kapadia	NPTEL online MOOC course on "Fundamentals of Electrical Engineering".
Prof. RR Kapadia	Training on "NBA Accreditation" at IITRAM
Prof. Y B Bhavsar	NPTEL online MOOC course on "Power System Analysis".
Prof. Y B Bhavsar	Training on "NBA Accreditation" at IITRAM
Prof. NP Shah	Training on "NBA Accreditation" at IITRAM
Prof. H N Zala	Training on "NBA Accreditation" at IITRAM
Prof. D R Dobariya	Training on "Innovative Experiments in Electrical and Electronics Engineering" at NITTTR, Bhopal.
Prof. JA Prajapati	NPTEL online MOOC course on "Fundamentals of Electrical Engineering".
Prof. M L Patel	NPTEL online MOOC course on "Fundamentals of Electrical Engineering".
Prof. B K Patel	NPTEL online MOOC course on "Fundamentals of Electrical Engineering".
Prof. D P Pathak	NPTEL online MOOC course on "Fundamentals of Electrical Engineering".
Prof. M G Jadeja	NPTEL online MOOC course on "Fundamentals of Electrical Engineering".
Prof. M G Jadeja	Induction phase –II at NITTTR, Bhopal
Prof. P J Purohit	Induction phase –I at NITTTR, Bhopal
Prof. P J Purohit	NPTEL online MOOC course on "Fundamentals of Electrical Engineering".
Prof. H B vaghela	NPTEL online MOOC course on "Fundamentals of Electrical Engineering".

## STUDENT'S ACHIEVMENT

- Mahipalsinh Chavda won gold medal in Long Jump, VISHWACUP'19.
- Parth Dave got 3rd in coding competition in GTU Central Techfest '19, 3rd in coding competition LDCE Lakhsya Techfest'19 and 1st in Basketball Team championship VISHWACUP'19.
- Shubham Aherwal, Mahipalsinh Chavda, Aayush ujal, Nildeepsinh Jadav, won gold medal in Kabbadi tournament.
- Dabhi Nikhil got selected For 41st Senior National throwball championship to represent Gujarat team at Haryana which was organized by Throwball Association of Haryana under Throwball Federation of India in March 2019.
- Milind Singh Bist was awarded for serving 2 years as Chief Coordinator in VGEC Alumni Association in April, 2019.
- Granthni Doctor and Shubham Aherwal were selected as Co-Pilots for flying STOL Zen Air CH701 under No.2 Guj Air Sqn (F).
- Komal Yadav have won star performance award from Invincible Ngo in April 2019.



## RESULT SUMMARY 2018-2019

### EVEN SEMESTER(2018-2019)

SEMESTER	PERCENTAGE
8th	97.80
6th	88.11
4th	84.78
2nd	78.22

### ODD SEMESTER(2018- 2019)

SEMESTER	PERCENTAGE
7th	95.65
5th	89.51
3rd	73.72
1st	60.00

## DEPARTMENT TOPPERS

### 8th Semester

1. Shah Prachi V.
2. Chauhan Nilrajsinh C.
3. Mirza Mohomodashiq

### 7th Semester

1. Gopani Kaushal A.
2. Pathak Aditya H.
3. Mirza Mohomodashiq

### 6th Semester

1. Asnani Khushbu D.
2. Unhale Pratiksha P..
3. Yadav Komal

### 5th Semester

1. Asnani Khushbu D.
2. Sindhav Nikul R.
3. Patel Manan N.

### 4th Semester

1. Sorathiya Jemin P.
2. Patra Sayan S.
3. Gaur Anuj S.

### 3rd Semester

1. Patra Sayan S.
2. Vilasi Dhara T.
3. Saroj Raj R.

### 2nd Semester

1. Aherwal Shubham R.
2. Dave Parth A.
3. Nagar Shubham J.

### 1st Semester

1. Jadeja Pruthvirajsinh
2. Doctor Granthni U.
3. Dave Parth A.

## CONDOLENCE



We fall short of words to express our grief on the sad demise of our beloved students Anjali Sharma and Ram Bharat. We pray to God for their souls rests in peace. We wish their family immense strength and peace in life. May the Almighty rest their noble souls in peace and give strength to their family in this hour of grief!

