

# GEC PATAN NEWSLETTER

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APRIL- JUNE 2024



## Institute Glimpses

Government Engineering College, Patan end searingly known as G.E.C.P is situated at the scenic village katpur Patan city. Started in 2004 with an aim of imparting quality higher education in various fields of engineering, it has seen unprecedented growth. It is affiliated with Gujarat Technological University & administrated by Directorate of Technical Education, Government of Gujarat.

# प्रज्ञानम्

The NEWSLETTER Series  
of Government  
Engineering College  
Patan.



**Dr. B. J. SHAH**  
PRINCIPAL, GEC PATAN



## FROM PRINCIPAL'S DESK

I am delighted to welcome you all to the Government Engineering College Patan and I hope to convey the passion and enthusiasm that both staff and students bring to represent our college having a great tradition of developing high technical academic excellence and overall personal growth of the students. The main motive of technical education is to enrich our students to develop a ability to reason out facts and this is achieved by giving them great scholarly

climate, best in class infrastructure, well equipped laboratories, and committed and highly qualified faculty members with many years of educating and modern experience creative and field oriented teaching-learning practices along with other developmental activities. GECP always navigating the intricate athwart ocean of science and engineering via the power of the human mind, body, and soul. Management, faculty, and staff strive to inculcate students and self-realize the harmony of human life and nature through applications of science, engineering, and technology. As this is precisely our long-term goal. It is what motivates the work of everyone from faculty and staff, to students and alumni. It inspires our teaching and research.



प्रज्ञानम्

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## MANDATE

To impart the technical education as per the state and national policy which satisfy the current needs of the society, to interact with the industry and research organizations for the integrated growth, to make the liaison with statutory and professional Organizations and to provide the training and research opportunities to the student and faculties in best possible manner.



## MISSION

- To deliver technical programs and services to cater the current needs of society and industry.
- Helping industries in solving challenges by means of providing best technical human resources
- To contribute in sustainable growth of society

## VISION



To prepare Human Resource with value based competency for technical advancements and growth of society.



प्रज्ञानम्

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# EDITORIAL TEAM



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**Prof. M.B. PATEL**

## • TEAM MEMBERS

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**Prof. G. A. PATEL**  
**Prof. S. D. JOSHI**  
**Prof. H. B. JETHVA**  
**Prof. V. P. SONI**  
**Prof. V. D. PATEL**  
**Prof. P. N. NIMODIYA**

Meet the Newsletter Editorial Team of Government Engineering College Patan, where creativity meets innovation to bring you the latest updates, insights, and stories from our campus community.

## **"PRAGYANAM"** PREVIOUS EDITIONS

- [2024 JAN-MAR](#)
- [2023 OCT-DEC](#)
- [2023 JULY-SEPT](#)
- [2023 APR-JUN](#)
- [2023 JAN-MAR](#)
- [2022 OCT-DEC](#)
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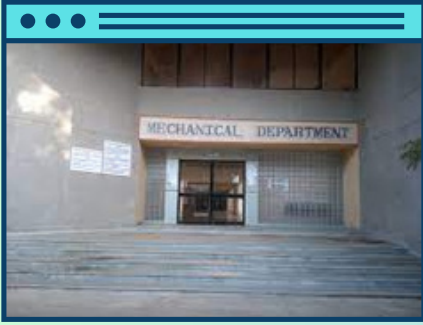
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# DEPARTMENTAL ACTIVITIES



## MECHANICAL ENGINEERING DEPARTMENT



### Exploring Renewable Energy



Mechanical Department students from GEC Patan's 5th semester visited GPERI Mehsana on 6th April 2024, focusing on renewable energy. Guided by Prof. (Dr.) K. V. Patel and Prof. (Dr.) H. N. Panchal, they explored cutting-edge sustainable technologies. The visit provided practical insights, reinforcing classroom learning and highlighting GEC Patan's dedication to preparing students for future challenges in mechanical engineering, especially in sustainable practices.

On June 27, 2024, the Mechanical Department at GEC Patan held an Orientation Program for first-year students. The event, attended by students, parents, and faculty in the Seminar Room, offered a warm welcome and essential academic information. Interactive sessions and a campus tour helped the new students transition smoothly into university life.





# FACULTY ACTIVITIES



## COMPUTER SCIENCE & ENGINEERING DEPARTMENT



### FACULTY ACTIVITIES

Sr. No	Title	Name of the faculty	Place	Duration
1	Introduction to Programming in C	Prof. V. B. Pansiniya	NPTEL	• Jan to Mar 2024
2	Joy of Computing with Python	Dr. K. R. Raval	NPTEL	January to April 2024
3	Introduction to Internet of Things	Prof. Haresh D. Chande	NPTEL	January to March 2024
4	Introduction to Internet of Things	Prof. Sachinkumar H. Makwana	NPTEL	January to March 2024
5	Introduction to Machine Learning	Prof. Harshad Chaudhary	NPTEL	January to April 2024
6	Introduction to Machine Learning	Prof. Yogesh Patel	NPTEL	January to April 2024



# FACULTY ACTIVITIES



## CIVIL ENGINEERING DEPARTMENT

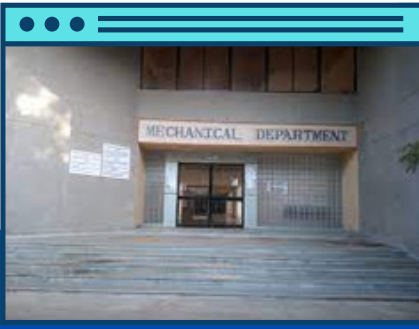


## FACULTY ACTIVITIES

Sr. No	Title	Name of the faculty	Place	Duration
1	Remote Sensing Essentials	Prof. V.D.Patel	NPTEL MOOC FDP	Jan-April 2024
2	Remote Sensing Essentials	Dr V.M.Patel	NPTEL MOOC FDP	Jan-April 2024
3	Urban Transportation System Planning	Dr M.I. Balya	NPTEL MOOC FDP	Jan-April 2024







# MECHANICAL ENGINEERING DEPARTMENT

## FACULTY ACTIVITIES



Sr. No	Title	Name of the faculty	Place	Duration
1	1. Non-Linear Vibration 2. Leadership and Team Effectiveness	S.P.Patel	Swayam NPTEL	22-01-2024 to 22-04-2024
2	Leadership and Team Effectiveness	K.V.Patel	Swayam NPTEL	22-01-2024 to 22-04-2024
3	Solar PV Installers	S.P.Patel	Gujarat Apollo Industries Limited, Mehsana	01-07-2024 to 13-07-2024
4	Industrial Training at Apollo Techno Industries	M.G.Patel	Industrial training at MDFL	Various Duration base on DTE order
5	Industrial Training at Apollo Techno Industries	K.V.Patel	Industrial training at MDFL	Various Duration base on DTE order
6	Industrial Training at Apollo Techno Industries	N.A.Patel	Industrial training at MDFL	Various Duration base on DTE order
7	Industrial Training at Apollo Techno Industries	H.N.Panchal	Industrial training at MDFL	Various Duration base on DTE order
8	Industrial Training at apollo techno industries	V.K.Patel	Apollo Techno industries private Ltd,Mandali	24-06-2024 to 06-07-2024
9	Industrial Training IFFCO, Kalol	D.J.Parmar	IFFCO, Kalol	03-06-2024 to 18-06-2024
10	Industrial Training Duke Pumping Solution Pvt Ltd, Palanpur	N.R.Makwana	Duke Pumping Solution Pvt Ltd, Palanpur	17-06-2024 to 29-06-2024



# NSS ACTIVITIES



## Voting Awareness Program

Event Date : 20th April 2024

Event Venue : GECP Girls Hostel

On 20th April 2024, NSS volunteers promoted voting awareness for the upcoming Lok Sabha election using the traditional art of mehendi. They adorned their palms with slogans advocating voting participation. Girls in the government hostel also participated, showcasing diverse efforts to encourage voter turnout. This creative approach effectively conveyed electoral responsibility and highlighted the blend of tradition with modern civic engagement. The initiative reflected the dedication of NSS volunteers and emphasized the importance of grassroots efforts in promoting a participatory democracy.

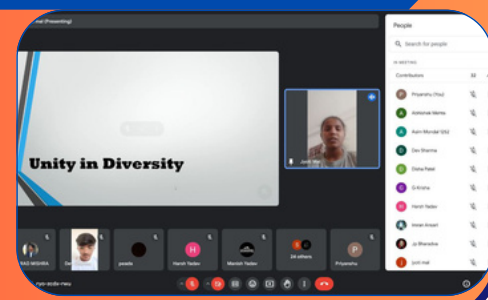
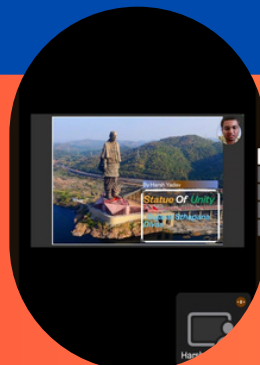
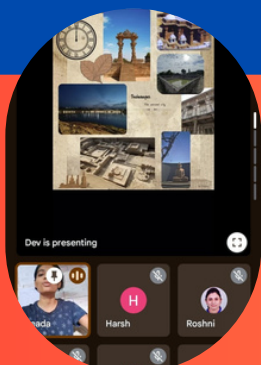
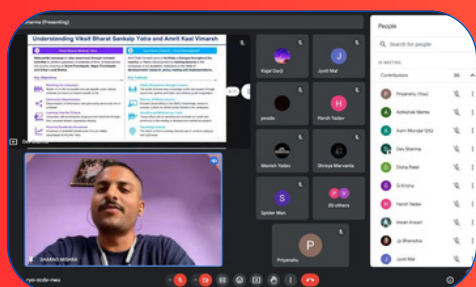


## Gujarat Sthapana Divas

Event Date : 1st May 2024

Venue : Google Meet (Virtual)

On the 64th Gujarat Sthapna Divas, NSS GEC PATAN organized an online quiz competition and an event titled "Gujarat's Past in Frames: Historical Image Description Contest." Participants presented and described historical places in Gujarat. Highlights included Manish Yadav's speech on Gujarat's importance, Harsh Yadav on the "Statue of Unity," Parmar Prerna on "Vadnagar village," Mal Jyoti on the "EME Temple," and Sharad Mishra on "Role of Gujarat in Vikshit Bharat @2047." The event concluded with encouragement for future participation.



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# Thalassemia Minor Screening Camp

Event Date : 17th May 2024  
Event Venue : Mechanical Workshop

Government Engineering College Patan, in collaboration with the Indian Red Cross Society, organized a Thalassemia Minor Screening camp, which focused on testing all students for this blood disorder. Thalassemia is a genetic condition that affects the body's ability to produce Hemoglobin. Early detection through such screening tests can help identify those who carry the Thalassemia gene. By getting tested, individuals can take preventive measures to protect their health.

The camp took place in the Mechanical Workshop at GEC Patan, starting at 10 a.m. A dedicated medical team was present to collect blood samples from the students. Beyond testing, the camp also had an educational aspect, where students were informed about Thalassemia, its various types, and the significant impact it can have on a person's life. The medical team stressed the importance of Thalassemia testing and raising awareness about the disorder.

To ensure a smooth process, time slots were assigned to different departments for the collection of blood samples, which helped in maintaining order and efficiency. The event had a strong turnout, with 219 students from various departments and semesters participating.

The camp not only offered valuable knowledge about Thalassemia but also fostered a sense of community and unity among the participants. The event concluded with a group photo, symbolizing collective efforts in raising awareness for this crucial cause.





## 7 Day "YOG SHIBIR"

Event Date : 15th – 21st June 2024  
Event Venue : GECP College Campus

The NSS unit of GEC Patan organized a "7 Day Yoga Shibir" from June 15th to June 21st, 2024, on the college campus, in preparation for the 10th International Yoga Day. The daily sessions from 7:00 AM to 8:00 AM were led by Prof. N.K. Dabhi and Dewanshi Goswami. Participants learned about Surya Namaskar, various asanas, and meditation stages, highlighting yoga's benefits for physical and intellectual development, energy cleansing, and overcoming depression. The initiative promoted holistic health and well-being and was well-received by attendees.



## International YOGA DAY

Event Date : 21st June 2024  
Venue : GECP College Campus

NSS GEC Patan organized a yoga session at 7:00 a.m. in front of the Administrative Block for professors and students, led by yoga trainer Dewanshi Goswami. The session began with prayer, meditation, and warm-up exercises. Principal D.K. Patel, faculty member Sachin, HOD of Electrical Department G.A. Patel, and NSS Program Officer N.K. Dabhi emphasized the importance of yoga. Dewanshi Goswami led the participants through asanas designed to enhance well-being. The session concluded with G.A. Patel expressing gratitude to Goswami and presenting her with a Shrimad Bhagwat Gita as a token of appreciation.

