

## GOVERNMENT ENGINEERING COLLEGE PATAN

### NEWSLETTER SERIES

# માસિક

#### INSTITUTE GLIMPSE

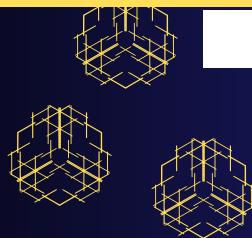
Government Engineering College, Patan (G.E.C. Patan), situated in the tranquil and scenic village of Katpur in Patan District, Gujarat, was established in 2004 with a commitment to delivering quality education in engineering and technology. Over the years, the institute has achieved remarkable growth and excellence in academics, innovation, and research. It is affiliated with the Gujarat Technological University (GTU) and functions under the administration of the Directorate of Technical Education (DTE), Government of Gujarat.

#### INSTITUTE VISION

**“To prepare human resources with value-based competency for technical advancements and growth of society.”**

#### INSTITUTE 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.



# પ્રદાનમું

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## FROM PRINCIPAL'S DESK



DR. BHARAT J. SHAH  
PRINCIPAL

It gives me great pleasure to present the **July–September 2025** issue of our newsletter, highlighting the diverse **academic, technical, and community-oriented initiatives** of Government Engineering College, Patan. This quarter reflected our **commitment to excellence** through expert lectures, workshops, industrial visits, and innovation-driven programs across all departments.

Committees like RUSA, SSIP, T&P Cell, WDC, Anti-ragging, Gymkhana, and NSS played a vital role in **nurturing innovation, leadership, and social responsibility among students** through hackathons, entrepreneurship sessions, cultural events, and awareness drives. Each activity strengthened our **mission of preparing competent engineers with strong values and a sense of service to society**.

I sincerely appreciate the dedicated efforts of faculty, staff, and students in making these initiatives successful. Let us continue this **spirit of innovation, learning, and collaboration** to make GEC Patan a true center of technical excellence and holistic development.

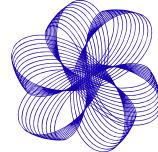
~

***Dr. Bharat J. Shah***  
**Principal**  
**Government Engineering College, Patan**



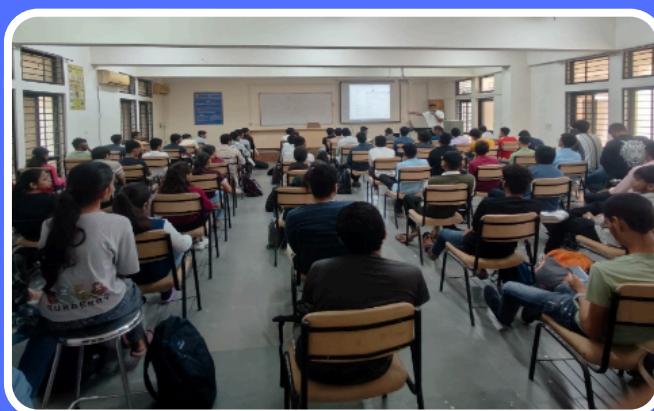


# DEPARTMENTAL ACTIVITIES



## ELECTRONICS AND COMMUNICATION ENGINEERING

### Scholarship Seminar (2025-26)



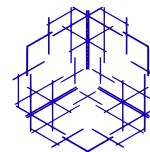
- A Scholarship Seminar for newly admitted 1st-year and 3rd-semester (D2D) students was organized on 10th September 2025 as per the college notice. The seminar aimed to provide comprehensive guidance on applying for various scholarship schemes such as Digital Gujarat Portal, NSP, AICTE (Saksham & Pragati), and MYSY.
- The sessions were held in the EC Seminar Room: CSE & EC Branches: 11:30 AM – 12:30 PM for MECH, CIVIL & EE Branches: 2:00 PM – 3:00 PM
- The seminar, conducted by Prof. M. M. Patel (Scholarship Coordinator, EC Department),

### FACULTY ACTIVITIES TRAINING and MOOC Completion

| Sr. No | Title                           | Name of the Faculty | Place                            | Duration                      |
|--------|---------------------------------|---------------------|----------------------------------|-------------------------------|
| 1      | Jivan Vidhya<br>Parichay Shibir | Prof. M.B.Patel     | Agrasen Foundation,<br>Ahmedabad | 28/7/2025<br>to<br>01/08/2025 |
| 2      | Jivan Vidhya<br>Parichay Shibir | Prof. M.L.Patel     | Agrasen Foundation,<br>Ahmedabad | 28/7/2025<br>to<br>01/08/2025 |



# DEPARTMENTAL ACTIVITIES



## COMPUTER SCIENCE & ENGINEERING

### *Industrial Visit*



The Department of Computer Science and Engineering (CSE) organized an industrial visit to ISRO – Vikram Sarabhai Space Exhibition (VSSE), Ahmedabad, on 16th September 2025. The visit was arranged by the Training and Placement Office (TPO) of the CSE Department and was attended by 60 students and 2 faculty members.

### *Green Skill AI Program*

The college hosted a four-day Skills4Future program by Shell India and the Edunet Foundation, focusing on Green Skilling, Sustainability, and AI. Students learned Python, ML, DL, Computer Vision, Generative AI, and AI Ethics, gaining valuable hands-on experience through projects and case studies.



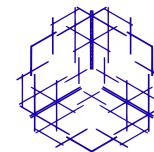
### *Orientation Program of ZERO Club*



The ZERO Club Council Orientation Program was held on 25th August 2025 at 10:15 a.m. in Room 312, CSE Department. The session introduced students to the council's vision, objectives, and activities, encouraging active participation. A total of 191 students attended. The program, guided by Prof. Harshad Chaudhary, Prof. Yogesh Patel, Prof. Haresh Chande, and Prof. Hiral Rathod, inspired students to engage in technical and co-curricular pursuits.



# DEPARTMENTAL ACTIVITIES



## COMPUTER SCIENCE & ENGINEERING

### *DS Hackathon*



- Time & Venue: 10:30 a.m. to 5:00 p.m., Room 312, CSE Department
- Objective: To enhance practical understanding of data structures and promote real-time project development
- Focus Areas: Problem-solving, teamwork, and use of AI tools for innovative solutions
- Participation: 164 students (115 boys, 49 girls)
- Guidance: Prof. Pratik Barot, Prof. Sunil Patel, Prof. Harshad Chaudhary, Prof. Yogesh Patel, and Prof. Viral Pansiniya



### *Network Security Seminar*

**Code Hives** club of CSE Dept. organised a Seminar for **Network Security** for all the interested students on 27<sup>th</sup> November 2025 from 01:00 p.m. to 02:00 p.m. The Guest Speaker was **Mr. Krupalu Vora**, Software Engineer at Jeavio and GEC Patan Alumni of 2023 batch. The Seminar was attended by more than 100 students from all semesters. A very good discussion on the Fundamentals of Network Security took place.

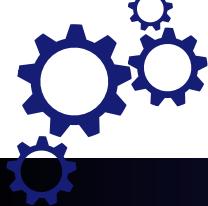
### *National Engineer's Day*

Code Hives Club in collaboration with **Punabha Lok Vigyaan Kendra Patan** organised Elocution Competition on 15<sup>th</sup> September 2025. It was coordinated by Dr. Harshad Bhutadiya, Assistant Professor - General Dept.

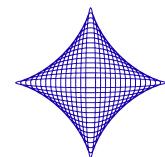


## FACULTY ACTIVITIES

| Sr. No | Title  | Name of the Faculty | Place  | Duration                    |
|--------|--|---------------------|--|-----------------------------|
| 1      | IN-SPACE:<br>"Entrepreneurship<br>Development for the Space<br>Sector" | Prof. H.L.Chaudhary | ISRO Guest House<br>Devanahalli,<br>Bengaluru. | 31-08-2025 to<br>05-09-2025 |



# DEPARTMENTAL ACTIVITIES



## MECHANICAL ENGINEERING

### *Awareness Program on Additive Manufacturing*



**Outcome:** Students gained valuable insights into 3D printing technology and its real-world applications.

**Objective:** To introduce students to the latest trends and industrial applications in additive manufacturing. **Expert Speaker:** Prof. Parth Raval, National Additive Manufacturing Centre West, Ganpat University. 60+ students from 3rd, 5th, and 7th semesters participated, along with faculty members. It was Coordinated by Prof. R. A. Oza

### *Basics of Production Drawing Using Modelling Software*

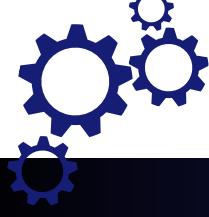
A one-day workshop was organized on 17th September 2025. Conducted by Mr. Mukesh Yogi from SAI CAD Centre, Patan, and coordinated by Dr. H. R. Prajapati and Prof. R. A. Oza, the session aimed to provide practical knowledge and hands-on experience in production drawing as part of GTU's self-learning activities. A total of 23 students from Semester 3 participated and gained valuable theoretical and practical insights into engineering design and drafting.



### *Industrial Visit*



An industrial visit to Leak Proof Seal, EDR Group, Chhapi (Gujarat) was organized on 15th September 2025 for 35 students of the 3rd and 5th semesters to study modern manufacturing and design practices. Coordinated by Dr. H. R. Prajapati and Prof. V. K. Patel, the visit covered wax die casting, CNC and VMC operations, and CAD/CAM integration, enhancing students' understanding of real-world industrial manufacturing processes.



# DEPARTMENTAL ACTIVITIES

## MECHANICAL ENGINEERING



### *Industrial Visit*

An industrial visit to NAMC–West, Ganpat University, on 10th September 2025 for 15 seventh-semester students offered exposure to advanced 3D printing technologies. Guided by Dr. R. A. Oza and Prof. B. B. Patel, students learned about design, prototyping, materials, and industrial applications in sectors like automotive, aerospace, and healthcare.

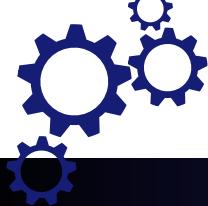
### *Expert Lecture*

An expert lecture on “Phases in Steel: Properties and Characteristics” on 12th September 2025. The lecture was delivered by Dr. I. B. Dave, Professor and Head of the Metallurgy Department at Government Engineering College, Gandhinagar. The event was held in the Mechanical Engineering Seminar Hall from 11:00 am to 01:00 pm and was attended by around 52 students from the Mechanical Engineering Department. The lecture was coordinated by Dr. H N Panchal.

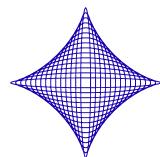


### *Expert Lecture*

An expert lecture on “A Journey to Become a Successful Mechanical Engineer” was held on 11th August 2025 by Mr. Sanjay Patel, Assistant General Manager at Reliance Industries Ltd. Attended by 30 students and faculty members and coordinated by Dr. D. K. Patel and Dr. H. N. Panchal, the session offered motivational guidance and valuable career insights for aspiring mechanical engineers.



# DEPARTMENTAL ACTIVITIES



## MECHANICAL ENGINEERING



### *Industrial Visit*

An industrial visit to GPERI Mehsana on 19th September 2025 for 7th-semester students provided hands-on exposure to melting, molding, and testing processes in foundry operations. Guided by Dr. K. V. Patel and Dr. M. G. Patel, 18 students learned about Bentonite sand composition and modern furnace operations, enhancing their understanding of casting technology.

### *Industrial Visit*

An industrial visit at MAHESH COLD STORAGE, OPP.PATAN-GIDC PATAN was arranged on 23/09/2025 for the 3 rd semester students as a part of the curriculum for the subject Engineering Thermodynamics. During visit students learnt a practical demonstration of refrigeration cycle, components of the refrigeration system such as compressor, condenser, evaporator, and expansion valve and analyze the energy efficiency and thermodynamic processes involved in ice production. The visit was coordinated by: 1. Prof. K. H. Thakkar and 2. Prof. N.R. Makvana. Total 20 students have took part in the visit.



### *Educational Visit*

A visit was arranged for Semester 3 Mechanical Engineering students on 23/09/2025 to the Material Science and Metrology Lab at GEC Gandhinagar. A total of 23 students actively participated in the visit, which was coordinated by Dr. H. N. Panchal. The visit provided students with practical exposure to material science concepts and metrology practices, enhancing their understanding beyond classroom learning.





# FACULTY ACTIVITIES

## MECHANICAL ENGINEERING DEPARTMENT



- Dr. H R Prajapati had delivered an expert lecture on “Impact of Research on Quality Parameters in NBA Accreditation” at Faculty of Engineering and Technology, Ganpat University on 26/07/2025.

- Expert Lecture taken by Dr. K. V. Patel on 21st August, 2025 for B. E. first year students on Engineering Graphics.



Faculty members Prof. R. A. Oza, Prof. N. R. Makvana, Dr. H. R. Prajapati, Dr. K. V. Patel, and Dr. H. N. Panchal attended the National Additive Manufacturing Conclave 2025 on 23rd August 2025 at NAMCW, Ganpat University, Mehsana.

- Dr. H R Prajapati become a jury member in the event “Research Convention 2025” at "Faculty of Engineering and Technology, Ganpat University on 27/09/2025.

**Panchal, Hitesh N.**  
Government Engineering College Patan  
Rank: 4306

- Main Field: Enabling & Strategic Technologies
- Sub Field: Energy
- Rank in the SubField: 86.0
- H-index: 31, Hm-index: 12

Top 2% Listed Year(s): 2025  
"Single Year" Data

The data is verified and sourced from ELSEVIER and Stanford University's Top 2% Scientists list.

**TOP 2% SCIENTISTS**

Dr Hitesh Panchal has secured top 2% Scientists excellence in the field of energy and glorious achievement consistently from 2019.

# STUDENT ACTIVITIES



## MECHANICAL ENGINEERING DEPARTMENT

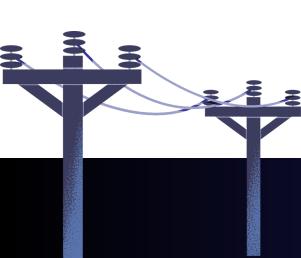


- A group of 15 students from the 7th semester of the Mechanical Engineering Department attended the National Additive Manufacturing Conclave 2025 held on 23rd August 2025 at the National Additive Manufacturing Centre – West (NAMCW), Ganpat University, Mehsana, Gujarat. The participation provided them valuable exposure to the latest developments and innovations in the field of additive manufacturing.

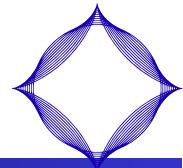
- Mr. Shivam Modi our alumni have been awarded "Climate Change Award 2025" dated on 16th Sept, 2025 presented by the Hon. Cabinet Minister Shri Mulu Bhai Bera and Hon. Minister of State Shri Mukeshbhai Patel (Forest , Environment and Climate Change Dept), Govt of Gujarat. This recognition reinforces my commitment towards advancing sustainability, environment & climate awareness, and collective action for greener future



- Arch Patel, a proud alumnus of the Mechanical Engineering Department, 2017 batch, GEC Patan, has achieved a remarkable milestone in his career. After completing his graduation, he moved to South Africa to pursue his passion for aviation. Recently, he successfully obtained his commercial pilot license and is currently undergoing training for other advanced licenses in South Africa. His journey from engineering to aviation is truly inspiring and a proud moment for all of us at GEC Patan.



# DEPARTMENTAL ACTIVITIES



## ELECTRICAL ENGINEERING

### *Industrial Visit*



3rd-semester Electrical Engineering students visited **Vimal Electric, Mehsana**, for an industrial visit to gain practical insights into electrical systems, machinery, and industrial applications.

### *Expert Talk*

An expert talk was organized on 29th September 2025 for 5th-semester Electrical Engineering students, delivered by **Mr. Pankaj Suthar**, Superintendent Engineer, SLDC Baroda. The session provided valuable insights into power system operations, load dispatch mechanisms, and real-world electrical grid management.



## FACULTY ACTIVITY

### PAPER PRESENTED/PUBLISHED

*Author: Prof. V.K. Prajapati*

**Paper title :** -Comparative Performance Analysis of Plug-In Fuel Cell Electric Vehicle with Battery Electric Vehicle and Fuel Cell Electric Vehicle

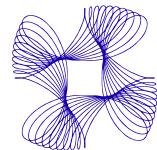
**Date of acceptance:** - 13/09/2025.

**Journal:** Fuel Cells, Wiley Publication





# DEPARTMENTAL ACTIVITIES



## CIVIL ENGINEERING

### *Industrial Visit*



Civil Engineering 3rd semester students undertook an “Industrial Visit to Someshwar Bricks Manufacturing Unit”, Mandotri, Patan-384265 on the date 12/09/2025, as a part of their Building Construction and Technology curriculum. The technical visit endow with practical exposure to modern construction materials, including fly ash bricks and paving blocks, and understand their role in sustainable construction. The technical visit was coordinated by Dr. N.J. Dalal (HOD) and Dr. V.M.Patel (Assistant Professor) of Civil Engineering Department.

### *Expert Lecture*

An Expert Lecture of **Dr. B. J. Shah, Principal, GEC-Patan** was organized on Guru Purnima Day i.e. 10th July, 2025. Event was organized & coordinated by Prof. H. R. Trivedi. More than 50 students got benefited.



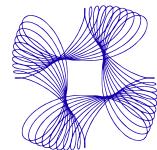
### *Industrial Visit*



5th and 7th semester students undertook an **“Industrial Visit to the Bitumen Hot Mix Plant”** near Sabosan, Patan-384265 on date 18/09/25 as part of their Transportation Engineering curriculum. The industrial visit to the Bitumen Hot Mix Plant enabled engineering students to gain practical knowledge of hot mix production, plant operation, and quality control in highway pavement construction. It was coordinated by Dr. V.M.Patel and Dr. M.I.Balya, Assistant Professors.

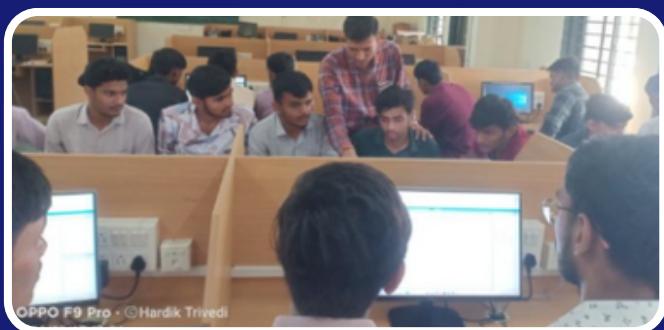


# DEPARTMENTAL ACTIVITIES



## CIVIL ENGINEERING

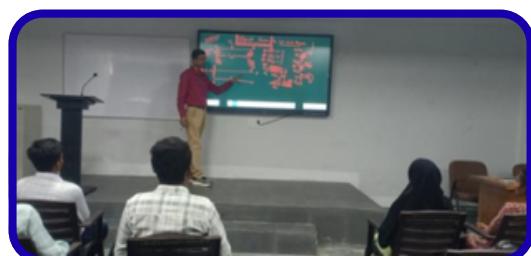
### 2-Day Workshop



Applied Mechanics Department has organized a TWO 2-DAYS WORKSHOP on “ANALYSIS & DESIGN OF STRUCTURES USING STAAD-PRO (with hands on practice)” in association with SAICAD Centre, Patan during 16th & 17th September, 2025 for Civil Engineering Students at Seminar Hall and Computer Laboratory of Civil Engineering Department, GEC- Patan. Event was organized by Prof. H. R. Trivedi, Head of Applied Mechanics Department and coordinated by Dr. J. M. Patel & Prof. H. R. Trivedi of Applied Mechanics Department. 50 students got benefited by the workshop, by acquiring knowledge of software application in structural analysis and design.

### Expert Lecture

An Expert Lectures of Prof. H. R. Trivedi, Applied Mechanics, GEC-Patan was organized on 22nd and 23rd of July, 2025 on the topic “structural fundamentals”. It was organized & coordinated by Prof. H. R. Trivedi, Head of Applied Mechanics Department.



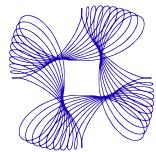
### Industrial Visit



As part of the Curriculum, an industrial visit was organized at RMC Plant of one of the reputed industry UltraTech Cement, to enhance the knowledge of students in the field of Concrete Technology. Event was organized by Prof. J. M. Patel, Applied Mechanics Department and coordinated by Prof. H. R. Trivedi & Dr. J. M. Patel of Applied Mechanics Department. About 50 students got benefited by the visit, by acquiring knowledge on the process of Ready Mix Concrete



# DEPARTMENTAL ACTIVITIES



## CIVIL ENGINEERING

### *Awareness Programs*



An “Awareness Program on Finishing School Training Program” was organized on 10th July, 2025 at GEC-Patan. Event was organized and coordinated by Prof. H. R. Trivedi, Head of Applied Mechanics Department.

An “Awareness Program on NSS Cell” was organized on 10th July, 2025 at GEC-Patan. Event was organized and coordinated by Prof. H. R. Trivedi, Head of Applied Mechanics Department, Dr. N. K. Dabhi of Electrical Department.



An “Awareness Program on Gymkhana Cell” was organized on 10th July, 2025 at GEC- Patan. Event was organized and coordinated by Prof. H. R. Trivedi, Head of Applied Mechanics Department; Dr. G. A. Patel, Head of Electrical department & Dr. H. D. Patel of Electrical Dept.

An “Awareness Program on Psychology Cell” was organized on 10th July, 2025 at GEC-Patan. Event was organized and coordinated by Prof. H. R. Trivedi, Head of Applied Mechanics Department, Dr. H. D. Patel of Electrical Department.

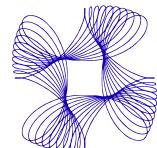


### *ISRO Outreach Programme*

Dr. V. M. Patel, IIRS Nodal Coordinator from the Civil Engineering Department, is organizing the IIRS-ISRO Online Programme (Course 164) on “Basics of Remote Sensing, GIS, and GNSS” from 27th August to 23rd November 2025, benefiting students from GEC Patan, HNGU, and other institutes through the LMS platform.



# DEPARTMENTAL ACTIVITIES



## CIVIL ENGINEERING

### *1-Day Workshop*



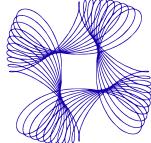
The Applied Mechanics Department organized a one-day workshop on “**Recent Trends in Concrete Technology**” on 15th September 2025 for Civil Engineering students at the Civil Seminar Hall. Conducted by Mr. Anil Kumar Sharma from Sika India Pvt. Ltd., Ahmedabad, the workshop—attended by 56 students and 6 faculty members—covered the Bullet Train project case study, Self-Compacting Concrete (SCC) design, and a hands-on casting session, enhancing participants’ understanding of modern construction materials and practices.

### *Heritage Walk*



A site visit was organized on the date 11th July 2025 at “Heritage site Rani-ki-Vav” and “The Patoda House” of Patan for Engineering Students of GEC-Patan. Event was organized by Prof. H. R. Trivedi, Head of Applied Mechanics and coordinated by Prof. K. H. Thakkar (mech), Prof. S. H. Makwana (CSE) , Prof. N. R. Makwana (mech) & Prof. H. R. Trivedi (AMD). More than 50 students got benefited by the site visit, by acquiring knowledge on the process of Patoda Making.





# FACULTY ACTIVITIES

## CIVIL ENGINEERING DEPARTMENT



**Dr. N. J. Dalal**, Head of Civil Department and **Prof. H. R. Trivedi**, Head of Applied Mechanics Department attended the “**Adani Cement FutureX Conclave**”, an exclusive engagement bringing together institutions and industry to co-create pathways for the future on 26<sup>th</sup> September 2025 at Adani University Auditorium, Adani Shantigram, Ahmedabad. Innovation Showcase: **Smart Cement Manufacturing, Robotics & AI systems in action**

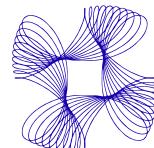
- **Dr. M.I.Balya**, Assistant professor of civil engineering department has taken expert lecture on “**Towards sustainable urban transport SPSS driven integrated feeder mode choice models for public transit**” in ATAL Online Faculty Development Programme on “Smart Cities and Sustainable Mobility: Civil Engineering Innovations for Future Urban Development” organized by Sankalchand Patel College of Engineering, Sankalchand Patel University Visnagar on 10th September 2025.



- **Dr. J. M. Patel** had contributed as an **Expert/Jury Member** in the Engineering & Technology track at the September 27 Research Conclave 2025 at **Ganpat University**.



# COMMITTEE ACTIVITIES



## RUSA CELL

### *REVIT Architecture*



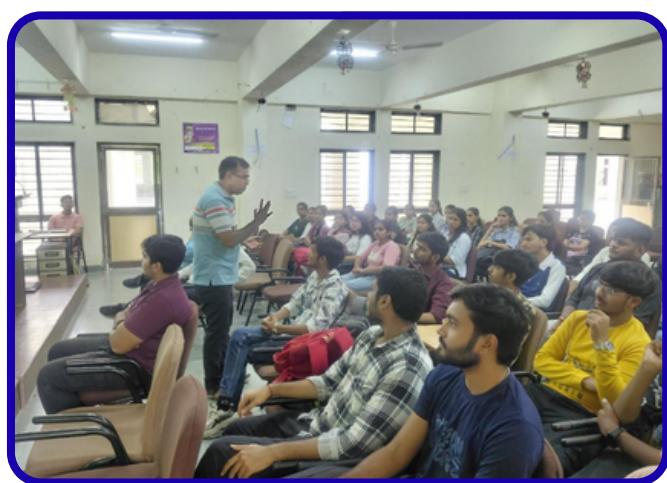
Government Engineering College, Patan, organized a Revit Architecture training under the RUSA grant at Indo German Tool Room, Ahmedabad. Ten Civil Engineering students gained hands-on expertise in BIM, architectural modeling, design, visualization, and documentation, enhancing their practical skills and aligning them with modern construction industry standards.

### *PLC Programming*

Government Engineering College, Patan, organized a PLC Programming course under the RUSA grant at Indo German Tool Room, Ahmedabad. Ten Electrical Engineering students gained practical skills in industrial automation, PLC programming, wiring, and control systems, strengthening their technical expertise and aligning with modern automation industry needs.



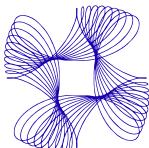
## Student Startup and Innovation Policy



### *Vikas Saptah Hackathon 2025*

SSIP Cell organized a sensitization program on the “**Vikas Saptah Hackathon 2025**” during 15th and 16th September 2025. The objective of the program was to create awareness among students about the Hackathon, its objectives, procedures, and opportunities for innovation and entrepreneurship. It was attended by students from all branches and semesters.

# COMMITTEE ACTIVITIES



## Student Startup and Innovation Policy

**SSIP**

### *SSIP 2.0 Sensitization*



An SSIP 2.0 Sensitization Program organized on 31st July 2025 for EC students aimed to create awareness about SSIP 2.0 and motivate students to build innovative, real-world solutions through PoC and IPR frameworks. 60 students attended it.

An SSIP 2.0 Sensitization Program was conducted on 01st August 2025 for Electrical Engineering students, aiming to promote innovation and entrepreneurship through PoC and IPR-based initiatives under the SSIP 2.0 scheme. 63 students attended.



An SSIP 2.0 Sensitization Program was organized on 05th August 2025 for CSE students to raise awareness about the Student Startup and Innovation Policy (SSIP) 2.0, encouraging them to develop innovative solutions through PoC and IPR frameworks. More than 75 students attended.

An SSIP 2.0 Sensitization Program held on 07<sup>th</sup> August 2025 engaged Civil Engineering students, focusing on fostering innovation and guiding them in developing proof-of-concept projects and understanding intellectual property rights. 71 students attended it

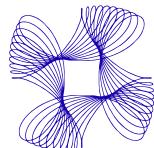


### *Smart India Hackathon 2025*

The **Smart India Hackathon (SIH) 2025** Internal Hackathon was organized on 18th September 2025, with participation from **180 students** across all departments. The event was evaluated by respective **SSIP Department Coordinators**, fostering innovation and problem-solving among students. It was Organized by **Prof. Harshad L. Chaudhary, SSIP Coordinator**.



# COMMITTEE ACTIVITIES



## WOMEN DEVELOPMENT CELL

### *Women's Health and Hygiene*



A seminar on Women's Health and Hygiene was organized on 4<sup>th</sup> September by the Women Development Cell of GEC Patan for female students of all years. Attended by over 40 participants, the session featured expert talks on menstrual hygiene, PCOD, and PCOS, providing valuable guidance and promoting open discussion on women's health issues.

## ANTI-RAGGING COMMITTEE

### *Anti-Ragging Day*

Anti-Ragging Day was celebrated on 12th August 2025. Around 140 students from various departments actively participated in the session. They pledged to uphold the dignity of fellow students and contribute towards building a friendly and inclusive environment. It helped spread awareness about the severe implications of ragging



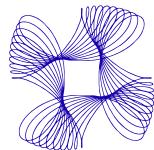
## SANCHAR MITRAS



An awareness session was organized by Sanchar Mitras of GEC Patan, on 26<sup>th</sup> September under the guidance of the Department of Telecommunications, Gujarat LSA, with the objective of educating rural citizens about online safety and digital awareness. It was conducted by Mr. Parv Joshi and Ms. Ishika Dave, Sanchar Mitras from EC Dept. The Event took place in the Katpur Village of Patan District. It contributed meaningfully to the Digital India mission and the creation of a cyber-safe society.



# COMMITTEE ACTIVITIES



## TRAINING AND PLACEMENT CELL

### *Power of Ideas : Pathway to Entrepreneurship*



A seminar by **Mr. Laxman Bhai Parmar**, North Region Coordinator, CED Gandhinagar, was held on 19th August 2025 for final-year students of all branches at GEC Patan to promote entrepreneurship as a career option and provide insights into CED's role, government schemes, incubation, and funding support. The session inspired students to develop an entrepreneurial mindset and innovative thinking.

### *UPSC & GPSC Preparations*

A seminar by **Mr. Gunjanbhai Prajapati**, SPIPA Visiting Faculty, was held on 20th August 2025 for final-year students of all branches at GEC Patan to provide insights into the UPSC and GPSC exam structure, posts, and preparation strategies. The session motivated students, with 6–7 showing interest in pursuing UPSC preparation.



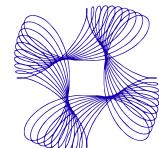
### *Seminar on Mock Interview and Group Discussions*



A seminar by **Mr. Sanjay Soni**, Placement Head, SSPC Visnagar, was held on 21st August 2025 for final-year Electrical, Mechanical, and EC students of GEC Patan to enhance career planning, interview skills, and confidence for GDs. The session included mock interviews and GDs evaluated on parameters like communication, attitude, technical knowledge, and presentation by department faculty panelists. Overall, 65% of students performed very well, 25% good, and 10% average.



# COMMITTEE ACTIVITIES



## TRAINING AND PLACEMENT CELL

### *Skills Conclave 2025*



Dr. S.G. Prajapati, TPO and Prof. Dharmesh K. Patel, TNP Member, Mechanical attended Skills conclave 2025, the program focused on Future Skills for a Stronger Workforce,” jointly organized by Tata IIS & Gujarat Technological University (GTU) on 17th September 2025 at IIS Ahmedabad Campus.

### *Placement Drive Sept 2025*

During the **Placement Drive 2025** at GEC Patan, several companies participated, including **Kachhua Solutions Pvt. Ltd.**, which conducted a campus interview on 18th September 2025 for 2025–26 pass-out students, selecting **Prajapati Yash Prakashkumar** (CSE) as Trainee Executive and shortlisting six others. Conquest Engineering Pvt. Ltd. selected **Patel Utsav Rajendra Kumar** (Mechanical) as a Graduate Engineer Trainee, while Kaizen Infocomm Pvt. Ltd. hired **Dhorajiya Heet** (CSE) as a Trainee Engineer through online interviews.



## GYMKHANA

### *Personality Development Camp 2025*

The 4 day training camp from 19<sup>th</sup> to 22<sup>nd</sup> August included team activities, public speaking sessions, and a youth parliament simulation, along with visits to Veraval Chowpati and Badalpara Village for civic learning. Students gained leadership, communication, and community awareness skills through motivational sessions. Key contributors were **Sneha Ganguly, Krishna Panchal, Parv Joshi, and Manish Jha**.





# COMMITTEE ACTIVITIES



## GYMKHANA



### Music Training Camp 2025

The 7-day Music Training Camp (22nd–28th August) featured sessions on vocal and instrumental skills, rhythm coordination, and stage performance. Students enhanced their teamwork, confidence, and musical expression through collaborative activities and practice sessions. Key participants included **Abhishek Mehta, Khamma Madhar, Krish Patel, and Kavya Prajapati.**

### Lok Nritya Training Camp 2025

The 7-day **Lok Nritya (Folk Dance) Training Camp**, held from 1<sup>st</sup> to 7<sup>th</sup> September, focused on traditional dance forms, rhythm synchronization, and group coordination. The camp helped students develop artistic discipline, teamwork, and cultural appreciation. Key contributors were **Minal Paraliya, Raval Roshni, Ami Tank, and Prince Babariya.**



### Drama Training Camp 2025

The **Drama Training Camp**, organized from 7<sup>th</sup> to 13<sup>th</sup> September, included acting workshops, dialogue delivery, and stage presentation exercises. Students gained confidence, creativity, and expressive communication skills through interactive sessions. Key participants were **Hetavi Patel, Urja Patel, Yash Pipaliya, and Mehta Khant.**

### THANGANAAT - 2025

GEC Patan celebrated **Thanganaat 2025** on 24<sup>th</sup> September, a vibrant Navratri festival, with over **300 students**, faculty, and staff. The event began with a soulful Aarti of Maa Ambe led by **Principal Dr. Bharat J. Shah**, followed by energetic Garba and Dandiya performances in traditional attire. The celebration filled the campus with music, devotion, and cultural spirit, promoting community bonding, tradition, and pride among all participants.





# COMMITTEE ACTIVITIES

## NATIONAL SERVICE SCHEME



### *Ek Ped Maa ke Naam 2.0*

The NSS Unit of GEC Patan organized a Tree Plantation Drive, “**Ek Ped Maa Ke Naam 2.0**,” on **5th July 2025**, promoting environmental awareness. Over 50 saplings were planted by students and faculty across the campus, symbolizing motherhood and fostering ecological responsibility through active participation and sustainable action.

### *Guru Purnima Celebration*

The NSS Unit of GEC Patan celebrated **Guru Purnima** on 10<sup>th</sup> July with speeches, songs, and interactive sessions to honor teachers and mentors. The event highlighted traditional values, discipline, and gratitude, fostering respect and reflection among students. It strengthened the guru-shishya bond and promoted a culturally rooted, value-driven academic environment.



### *Poster Making Competition*

NSS GEC Patan organized a **Poster Making Competition** under **Jal Shakti Abhiyan** on the theme "**Catch the Rain, Where It Falls.**" Students showcased creative ideas on water conservation and rainwater harvesting, promoting environmental awareness. The event highlighted student talent and reinforced the importance of sustainable, local action for global impact.

### *Rakshabandhan Celebration*

On Raksha Bandhan, NSS volunteers of GEC Patan visited police stations and tied Rakhis to officers and faculty, honoring their service and guidance. The outreach fostered gratitude, unity, and social responsibility, strengthening bonds between students, law enforcement, and educators, while promoting community harmony and the spirit of national integration.





# COMMITTEE ACTIVITIES

## NATIONAL SERVICE SCHEME



### *Independence Day*

From 2<sup>nd</sup> to 15<sup>th</sup> August, NSS volunteers of GEC Patan celebrated the “**Har Ghar Tiranga Abhiyan**” with patriotic fervor. Activities included rallies, art, cleanliness drives, and a flag hoisting ceremony. The initiative promoted nationalism, civic responsibility, and unity, honoring India’s 78th Independence Day with pride and enthusiasm.

### *79th Independence Day Ceremony 2025*

**Abhishek H. Mehta**, a 5th Semester CSE student and NSS Volunteer, was selected as one of only two volunteers to represent the state of Gujarat at the **Independence Day celebration at Red Fort, Delhi, by the Ministry of Youth Affairs & Sports, Government of India**. On 13th August, he had the honor of attending a meeting with the **Honorable Minister of Sports and Youth Affairs, Dr. Mansukh Mandaviya**. On 14th August, he explored India’s rich heritage at the **Pradhanmantri Sanghralaya** and paid tribute at the **National Police Memorial**.



On 15th August, he witnessed the hoisting of the National Flag by the **Prime Minister**, the 21-gun salute, and the inspiring Independence Day Address. He also observed patriotic performances, cultural displays, and ceremonial presentations by the armed forces, and engaged with fellow NSS volunteers from across the country. This historic experience showcased his dedication to service, patriotism, and nation-building, leaving a lasting impression of pride and inspiration.





# COMMITTEE ACTIVITIES

## NATIONAL SERVICE SCHEME



### *Har Ghar Tiranga Abhiyaan*

From 2<sup>nd</sup> to 15<sup>th</sup> August, NSS volunteers of GEC Patan celebrated the “**Har Ghar Tiranga Abhiyan**” with patriotic fervor. Activities included rallies, art, cleanliness drives, and a flag hoisting ceremony. The initiative promoted nationalism, civic responsibility, and unity, honoring India’s 78th Independence Day with pride and enthusiasm.

### *Nasha Mukt Bharat Abhiyaan*

The **Nasha Mukt Bharat Abhiyaan** event was organized to spread awareness about drug abuse and its prevention. A special seminar was conducted with support from **NSS volunteers** and the principal, focusing on the harmful effects of addiction and the path to recovery. The speaker shared real-life experiences to inspire students to live a drug-free life. Students also made creative posters and magazines to spread the message. This event built teamwork, leadership, and social responsibility among youth. It strengthened the bond between NSS volunteers and the community while honoring law enforcement for their support.



### *Akhand Bharat Sankalp Diwas*

The event “**Akhand Bharat Sankalp – Sankalp Se Siddhi Tak**” was organized to promote cultural, historical, and spiritual unity. It was conducted by the NSS unit and featured a motivational speech by **Shri Kamalbhai Modh, Deputy Registrar of HNGU, Patan**. The session began with a prayer and national song, followed by a welcome address, speech, interactive discussions, and a pledge-taking ceremony. The main motto was to strengthen national integrity and encourage youth participation in nation-building. Students developed leadership and confidence, and took a pledge to contribute positively to the country’s unity and growth.





# COMMITTEE ACTIVITIES

## NATIONAL SERVICE SCHEME



### *Plantation Drive*

A plantation drive was organized on September 23, 2025, at GEC Patan Campus, with the active participation of faculty members and staff. The purpose of this initiative was to promote greenery and environmental sustainability on campus. During the drive, various types of saplings were planted, which enhanced the aesthetic value of the campus and helped create a healthy, eco-friendly environment. The event emphasized the importance of preserving nature and maintaining a clean, green atmosphere. This drive also highlighted the need for collective efforts to address environmental challenges, contributing to the long-term goal of creating a sustainable and eco-conscious environment.

### *Nikshay Mitra Program*

The NSS Unit of Government Engineering College, Patan, organized a TB-Free Awareness Drive on September 24, 2025, at the Katpur Panchayat Office. The event was part of the Pradhanmantri TB Mukt Bharat Abhiyan and focused on the Nikshay Mitra Program, which encourages people to support TB patients with nutritional and emotional well-being. The drive, led by Prof. Naran K. Dabhi and with insights from Pinki Ma'am of Kungher Health Center, saw enthusiastic participation from NSS volunteers, students, and villagers. The program successfully raised awareness, motivated participants to become Nikshay Mitras, and strengthened the community's role in the mission to eliminate TB by 2025.



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