

SPANDAN

GOVERNMENT POLYTECHNIC, PALANPUR



INSTITUTE VISION

To produce competent diploma engineers as per need of Industries and Entrepreneurs with Ethical values.

INSTITUTE MISSION

- *Industry oriented technical education*
- *Excellent teaching and learning environment*
- *Promote entrepreneurship activities*
- *Continual growth in every sphere of life by developing core human values*

ABOUT INSTITUTE

Government polytechnic was established in the year of 1984, administered by Directorate of Technical Education (DTE), Gujarat State, approved by AICTE, affiliated to Gujarat Technological University (GTU). The institute offers diploma in four programs. The institute is spread over 20 Acres of land with 5 blocks and other amenities.

PROGRAM	YEAR OF STARTING	INITIAL INTAKE	CURRENT INTAKE
CIVIL	1984	30	90
ELECTRICAL	1984	30	60
MECHANICAL	1988	30	60
EC	1994	30	30
ICT	2022	60	60
IT	2023	30	30

PRINCIPAL MESSAGE

Dear Students,

It gives me great pleasure and joy to communicate to our youngsters and readers through this medium. It is a matter of immense pride and pleasure that we are a part of the GPP family.

The Government Polytechnic Palanpur College was established in the year 1984. It is an affiliate to Gujarat Technological University, Ahmadabad. The college has enrolment of nearly 500 students with diversified culture from across the state studying together in 6 various disciplines.

G P Palanpur has scaled noteworthy heights in all its curricular, co-curricular and extra-curricular activities. The faculty has continuously evolved and adopted state of the art technologies and teaching-learning methodologies. The academics are backed by well-equipped infrastructure. We offer fix Diploma Engineering level programs, Electrical, Mechanical, Civil, EC, ICT and IT. Three programs namely Civil Engineering, Mechanical Engineering, Electrical Engineering are accredited by National Board of Accreditation, New Delhi for A.Y. 2024-25 to A.Y. 2026-27. Institute has total 65 highly qualified faculties, among them 7 faculties hold PHD degree and 36 faculties hold Master degree.

The Indian youth today have a plethora of global opportunities available to them, provided they demonstrate the right skills and exhibit the right attitude. In order to meet the demands of these dynamic times, our college has created central facilities of Student Start-up and Innovation Policy (SSIP) Cell for students with require resources like 3 D Printer, Welding machine, grinding machine etc. for students to bring their ideas to life. All departments are working on different projects funded under SSIP Policy.

This year, we celebrate the momentous launch of 4 early edge startup marking a significant milestone in our journey. Additionally, our students' ingenuity has led to the filing of two patents during this year. These achievements underscore our commitment to nurturing a culture of innovation and propelling our students towards success in the global arena.

The institute has Finishing school cell in which final year students were learn personality development and Interview preparation tips from invited experts. Along with academic excellence, we place strong emphasis on skill development, personality development, career guidance, industrial exposure, co-curricular and extracurricular activities.

The college has achieved good number of students' placements with good pay packages, where in nearly 12 companies have visited the campus during placement fair in 2025-26. We also organize Workshops, seminars, expert lectures, industrial visits, innovation programs, student-development and inter college events at consistent intervals to facilitate knowledge exchange and to give best practices in the education sector.

Finally, we assure you that at this college you will find holistic, vibrant and inspirational work culture.

With Best Wishes,

*Shri S D Dabhi.
Principal*



*Shri. S. D. Dabhi, Principal
Gov. Polytechnic
Palanpur*

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NBA- NATIONAL BOARD OF ACCREDITATIONS

NBA acronym stands for “National Board of Accreditations” - The NBA is already conducting accreditation of technical programs being run by the institutions. The AICTE Regulation recognizes NBA as an "assessment and accreditation agency" for the purpose of undertaking accreditation. The applying Engineering institutions have to establish systematic procedure for Teaching and learning activities, student support & infrastructure that lead to NBA and it is playing a vital role for enhancing constant quality improvement in higher learning institutes.

NBA accreditation recognizes the students' contributions, innovations and achievements towards their technical learning happen in institutes. The accreditation of NBA helps higher educational institute to know its strengths, weaknesses and opportunities and challenges and give a clear road map to improve the quality in Technical Education System. Accreditation is important because it: Helps determine if an institution meets or exceeds minimum standards of quality. Helps students determine acceptable institutions for enrollment. Employers often require proper evidence that applicants have received a degree from an accredited school or program..

Approved Accreditation status of programs of this institute is as follows.

Sr.No.	Name of Programs (Diploma)	Accreditation status	Period of Validity
1	Civil Engineering	Accredited	Academic Years 2024-2025 to 2026-2027 i.e. up to 30-06-2027:
2	Mechanical Engineering	Accredited	
3	Electrical Engineering	Accredited	



SSIP-STUDENT STARTUP AND INNOVATION POLICY

The SSIP (Student Startup and Innovation Policy) Cell at Government Polytechnic Palanpur serves as the epicenter of innovation and entrepreneurship for our students. Located in the Administrative Block on the Ground Floor, our cell is dedicated to transforming creative ideas into viable solutions.

Our comprehensive approach supports students throughout their innovation journey - from initial ideation to potential commercialization. We provide technical assistance, financial support, and mentorship to help students develop their innovative projects and entrepreneurial ventures.

With a strong focus on intellectual property development, we have successfully guided students through the patent process, resulting in 4 published patents and fostering a growth-stage startup.

Patents Filed Under SSIP:

As part of its efforts to promote Intellectual Property Rights (IPR) and innovation, the SSIP Cell has supported the filing of patents by students/innovators. Two patents were filed during the academic year 2025–26, with SSIP financial assistance of ₹45,000/- each.

Sr. No.	Patent Title	IPR No.	Leader Name	Financial Year	SSIP Fund Used	Status
1	Modular and Protective Stethoscope with Interchangeable Chest Piece and Enhanced Safety Features	202521131153	Tank Vipul	2025–26	₹45,000/-	Under Examination
2	Multi-Function Digital Stethoscope with Integrated Diagnostics and AI Assistance	202521118577	Tank Vipul	2025–26	₹45,000/-	Under Examination

Innovation & Entrepreneurship

The achievements of the SSIP Cell reflect the institute's continuous efforts to foster a culture of innovation, entrepreneurship, research, and intellectual property creation. The registered startups and patent filings provide encouraging examples of how innovative ideas can be developed into entrepreneurial ventures and practical technological solutions.

POC PROJECTS SHOWCASE – 2025–26

Innovation, Practical Learning and Technology-Driven Problem Solving

Government Polytechnic Palanpur successfully developed and showcased several innovative Proof of Concept (POC) projects during the academic year 2025–26. These projects reflect the creativity, technical skills and problem-solving abilities of students, supported by dedicated faculty guides.

Sr. No.	POC Title	Leader	Guide
1	Core XY 3D Printer	Paresh Mali	Milav Dabgar
2	VisionX	Adnan	Kailash Joshi
3	Smart Lock (Chain System with Key Mechanism)	Maulik Bhai	Brijesh Patel
4	Smart Chair Positioning System	Dave Falguni J	Milav Dabgar
5	Manufacturing of Mini Electric Forklift	Chintan Chaudhary	Vipul M. Prajapati
6	Zephyr – Digisteth (Smart Digital Stethoscope)	Vipul Tank	Brijesh M. Patel
7	Solar Seawater Desalination Machine with RO & UV Purifier	Parmar Priyanshu	Nanji N. Chaudhary
8	Tractor Mounted Automatic Seed Sprayer	Pathan Arhankhan	Nanji N. Chaudhary

Innovation in Action

The POC projects developed during 2025–26 demonstrate the institution’s commitment to innovation, practical learning, entrepreneurship and technology-driven problem solving. Through these projects, students gained valuable hands-on experience in design, fabrication, automation, electronics, manufacturing and sustainable technologies.

These projects provide a platform for students to transform ideas into functional prototypes and develop solutions addressing real-world industrial, agricultural, healthcare and domestic needs.

1.0 SENSITIZATION PROGRAM

On 06 September 2025, a sensitization program was organized at Shri Ram Vidhyalay, Palanpur, for 145 secondary and higher secondary students. The session focused on SSIP, innovation, patent awareness, prototyping, and entrepreneurship opportunities. Students were encouraged to develop innovative ideas and explore government support for transforming ideas into practical solutions.



AI Tools Workshop

*On 10 September 2025, a one-day hands-on workshop on AI Tools was organized at Government Polytechnic Palanpur, with 72 participants. Expert **Mr. Hiten Patel** introduced participants to modern Generative AI tools and practical AI applications for academic research, project design, and productivity. The workshop provided hands-on exposure to using AI for innovative project development.*



2.0 SENSITIZATION PROGRAM

*On 18 September 2025, As part of SSIP's grassroot community engagement, an interactive sensitization session was organized at **Gela Primary School**. Through engaging activities, practical demonstrations, and real-life examples, speaker **Mr. Bharat Mali** introduced young learners to curiosity-driven learning, inventive thinking, and basic science-technology concepts.*



3.0 SENSITIZATION PROGRAM

On 10 Octomeber 2025, A targeted sensitization program was conducted at G D Modi College, Palanpur. The session emphasized translating academic knowledge into market-ready startups and patentable innovations. Students were detailed about financial assistance, proof-of-concept (PoC) grants, and incubation facilities available under SSIP 2.0 policy provisions.



New Palanpur for New India

On 10 Octomeber 2025, The fourth iteration of 'New Palanpur for New India' continued the momentum of technology innovation across campus. 179 young innovators presented working prototypes, software designs, and hardware solutions resolving civic, agricultural, and industrial challenges. Promising ideas were shortlisted for SSIP financial mentoring and prototype funding support.



EXTRA CURRICULAR ACTIVITIES

At this institute extracurricular activities are organized and managed by Gymkhana committee for enhancement of inner strength of students and encouraging students for actively participate in social activities. Under this institute has arranged following programs.

TREE PLANTATION PROGRAMME – 2025

DATE – 05/07/2025

PLACE – College Campus

On July 5, 2025, Government Polytechnic Palanpur organized a tree plantation activity aimed at promoting environmental sustainability and awareness among students and faculty. The initiative reflected the college's commitment to enhancing its green footprint and addressing climate change.

Objectives

- *Promote environmental awareness and educate students about the importance of trees in maintaining ecological balance.*
- *Enhance green cover on campus and contribute to a healthier environment.*
- *Encourage community participation and a sense of responsibility towards the environment.*

Key Activities

- *The programme commenced with an inaugural address by Principal Shri S. D. Dabhi, highlighting the importance of tree plantation.*
- *Participants planted saplings of species including neem and banyan, symbolizing their commitment to environmental stewardship.*
- *An awareness session explained the ecological benefits of trees and the role of students in creating a greener future.*



CYBER CRIME AWARENESS SEMINAR

DATE – 15/07/2025

PLACE – Seminar Hall

Government Polytechnic Palanpur organized a Cyber Crime Awareness Seminar to impart knowledge to students and staff about cybercrime, hacking, online threats and safe digital practices. The session emphasized staying informed and adopting responsible cyber hygiene.

Key Highlights

- The expert session was delivered by Mr. Jignesh Barot, Assistant Sub-Inspector (ASI), Gujarat.
- Case studies covered email phishing and spoofing scams, data breaches, greeting-card scams, online dating scams, lottery-fee fraud and credit-card fraud involving skimmers.
- Interactive Q&A, live demonstrations on cyber hygiene, awareness pamphlets and guidance on filing complaints through the National Cyber Crime Reporting Portal were included.

Participation

135 students and 12 faculty members participated in the seminar.

Message

“Stay Alert, Stay Safe – Cyber Security is Everyone’s Responsibility.”



HAR GHARIRANGA – HAR GHAR SWACHHTA ABHIYAN

DATE – 11/08/2025

PLACE – Government Polytechnic Palanpur

As part of the Har Ghar Tiranga and Har Ghar Swachhta Abhiyan, the college encouraged students to participate in activities promoting patriotism, cleanliness and responsible citizenship.

Programme Activities

- Swachhata pledge and awareness activities were undertaken.
- Students participated in Tiranga-related activities and promoted the spirit of national pride.
- Online participation was also encouraged through the MyGov Har Ghar Tiranga Quiz.



79TH INDEPENDENCE DAY CELEBRATION

DATE – 15/08/2025

PLACE – College Ground

Government Polytechnic Palanpur celebrated the 79th Independence Day with patriotic spirit and solemnity. The celebration recalled India's freedom struggle and the sacrifices of the freedom fighters who helped shape the nation.

Programme Highlights

- *Principal Shri S. D. Dabhi hoisted the National Flag at the college campus.*
- *The National Anthem was played and the National Flag was saluted.*
- *The Principal addressed the gathering and remembered the sacrifices of India's freedom fighters.*



NAVRATRI – GARBA MAHOTSAV 2025

DATE – 06/10/2025

PLACE – College Ground

Government Polytechnic Palanpur organized a Garba celebration on the occasion of Navratri. After routine lectures, students and faculty gathered on the college ground in traditional attire to celebrate the festival with devotion and enthusiasm.

Programme Highlights

- The celebration began with prayers and Garba in chorus in front of the idol of Goddess Navdurga.
- Aarti was performed at 2:30 PM, followed by Garba on DJ music and traditional rituals including lighting lamps and Pushpanjali.
- Awards were evaluated for Best Garba Step (Male/Female) and Best Traditional Dress (Male/Female).



VIKAS SAPTAH – BHARAT VIKAS QUIZ

DATE – 07/10/2025

PLACE – Government Polytechnic Palanpur

As part of Vikas Saptah 2025, a quiz was organized on 7 October 2025 as directed by the Education Department. Students were encouraged to register and participate actively in the online quiz activity.

Programme Highlights

- The quiz was conducted on 7 October 2025 from 10:00 AM to 5:00 PM.
- The initiative focused on maximizing student participation and engagement.
- Participation data was collected from the institute for submission to the department.



VANDE MATARAM @ 150 – CELEBRATIONS

DATE – 07/11/2025 to 15/11/2025

PLACE – Government Polytechnic Palanpur

Government Polytechnic Palanpur organized a series of programmes to commemorate the 150th anniversary of “Vande Mataram”. The activities strengthened patriotism, national pride and awareness of the historical importance of the song.

Major Activities

- 07 November 2025: Group singing of the original form of “Vande Mataram” and Swadeshi pledge.
- 12 November 2025: Essay competition on Vande Mataram.
- 14 November 2025: Drawing competition on Vande Mataram.
- Students also presented on the history and significance of the song, while patriotic songs and dances were presented.

Participation

The recorded participation included 30 students and 95 faculty/other staff in the group-singing programme; 80 students and 18 faculty/other staff in the drawing competition; and 200+ students and 40 faculty/other staff in the essay competition.



77TH REPUBLIC DAY CELEBRATION

DATE – 26/01/2026

PLACE – Playground, G. P. Palanpur

Government Polytechnic Palanpur commemorated the 77th Republic Day with pride and solemnity, reflecting the spirit of the Constitution and the values of the nation.

Programme Highlights

- The celebration commenced with the hoisting of the National Flag.
- Special emphasis was placed on the Swadeshi Abhiyan, Vocal for Local and Atmanirbhar Bharat.
- Students presented artistic expressions paying tribute to Adivasi Gaurav – Veer Birsa Munda and displayed creative artworks commemorating the 150th anniversary of “Vande Mataram”.
- The programme concluded with a renewed commitment to constitutional values and responsible nation-building.

Activity Overview

Time: 8:30 AM | Location: Playground, G. P. Palanpur



NASHA MUKT BHARAT ABHIYAAN – PLEDGE

DATE – 18/03/2026

PLACE – Government Polytechnic Palanpur

Government Polytechnic Palanpur participated in the Nasha Mukta Bharat Abhiyaan through a pledge encouraging youth to contribute to a drug-free society and to begin positive change with themselves.

Pledge Theme

- *Students and participants were encouraged to work towards a drug-free community, family and society.*
- *The pledge emphasized that change should begin with oneself and called for every possible effort, according to individual capacity, to make the country drug-free.*
- *The programme highlighted the important role of youth in social and national development.*



THALASSEMIA TEST – 2026

DATE – 06/04/2026

PLACE – Drawing Hall, Mechanical Building

Government Polytechnic Palanpur organized a Thalassemia Test on 6 April 2026 as a health-awareness initiative. The programme helped students understand thalassemia as an inherited blood disorder affecting haemoglobin and healthy red blood cells.

Activity Overview

- Date: 06/04/2026
- Time: 11:00 AM to 3:00 PM
- Location: Drawing Hall, Mechanical Building
- Participants: 205 students

Awareness Focus

- The activity highlighted the importance of awareness about inherited blood disorders and the value of timely testing and responsible health practices.



SPORTS WEEK – 2026

DATE – 02/03/2026 to 07/03/2026

PLACE – Playground & Seminar Hall, G. P. Palanpur

Sports Week 2026 was organized to promote physical fitness, teamwork, discipline and sportsmanship among students. The programme brought together students from different backgrounds and provided opportunities to demonstrate talent and competitive spirit.

Games & Activities

- Cricket, volleyball, badminton, table tennis, kabaddi, tug of war, long jump, carrom, chess and instant games were conducted.
- The programme emphasized learning from both success and failure and encouraged students to work on their weaknesses.
- Activities were organized with special attention to promoting women in sports and encouraging participation in sporting activities.



Women's Day Celebration at Old Edge House

Date: 7 March 2026

The **Women's Day Celebration at Old Edge House** was organized on 7 March 2026 with great enthusiasm to celebrate International Women's Day. The event focused on recognizing women's achievements, promoting gender equality, and encouraging empowerment.

The programme included **speeches, storytelling, cultural performances, fun games, and interactive activities**. Women were recognized for their valuable contributions through certificates and tokens of appreciation. The event concluded with refreshments and informal interaction among residents, staff, and guests.

Overall, the celebration was a **meaningful and memorable event that promoted unity, respect, equality, and women's empowerment**.

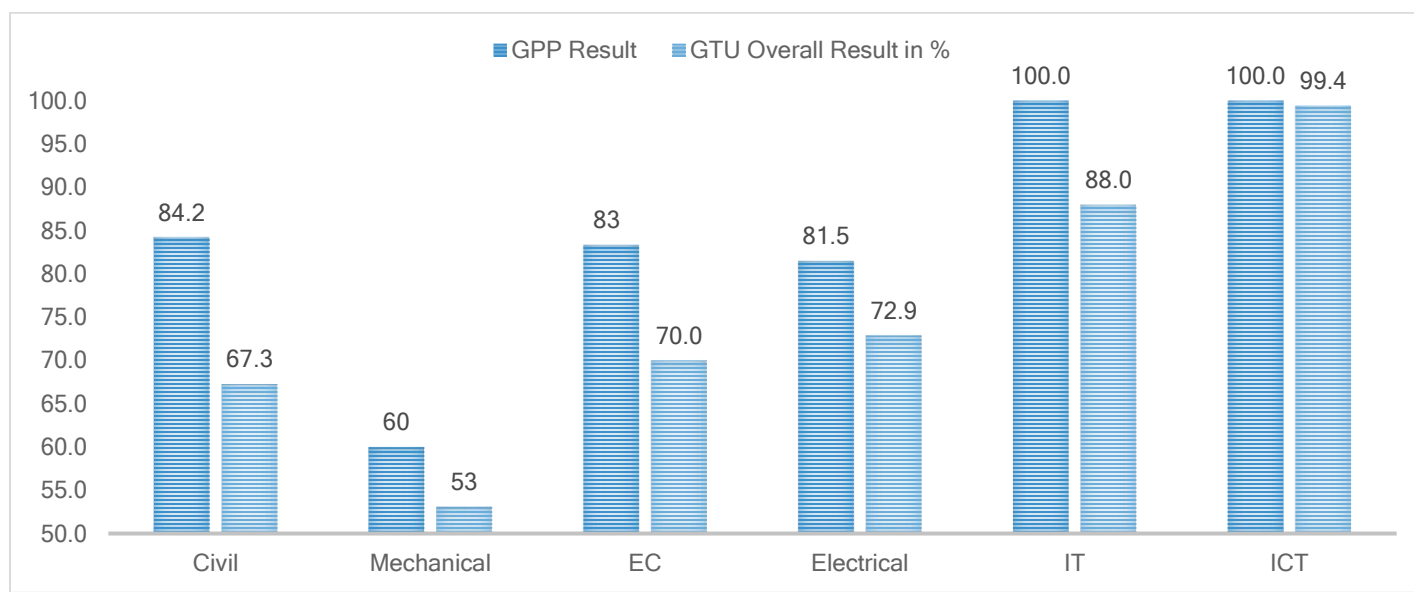


ACADEMIC RESULT ANALYSIS – 2025-26

Government Polytechnic Palanpur demonstrated excellent academic performance in the 2025-26 results. The department-wise analysis shows that the institute's results were higher than the overall GTU results in all departments.

- *Civil Engineering: 84.2% compared to GTU's 67.3%*
- *Mechanical Engineering: 60.0% compared to GTU's 53.0%*
- *Electronics & Communication (EC): 83.0% compared to GTU's 70.0%*
- *Electrical Engineering: 81.5% compared to GTU's 72.9%*
- *Information Technology (IT): 100% compared to GTU's 88.0%*
- *Information & Communication Technology (ICT): 100% compared to GTU's 99.4%*

Overall, the results reflect the dedication of students, faculty members, and the institute's continuous efforts towards academic excellence. The achievement of 100% results in IT and ICT is particularly noteworthy and highlights the institute's strong academic performance.



TRAINING AND PLACEMENT ACTIVITIES

The Training and placement cell, Palanpur has interacted with relevant industries for on-campus placement activities in 2024-25. In recruitment processes with various industries, 16 students were selected who were job seekers and eligible as per recruitment criteria. Apart from these, remaining pass-outs students are opting for higher study.

INSTITUTE PLACEMENT DETAIL

<i>Department</i>	<i>Passing Year</i>	<i>No. of Student Pass-out</i>	<i>CURRENT STATUS</i>			
			<i>No. of Student doing Job/placed</i>	<i>No. of Student pursue higher studies</i>	<i>No. of Entrepreneurs</i>	<i>% Placement</i>
<i>CIVIL</i>	<i>2025_26</i>	<i>20</i>	<i>0</i>	<i>18</i>	<i>0</i>	<i>90</i>
<i>MECHANICAL</i>	<i>2025_26</i>	<i>10</i>	<i>7</i>	<i>3</i>	<i>0</i>	<i>100</i>
<i>ELECTRICAL</i>	<i>2025_26</i>	<i>13</i>	<i>10</i>	<i>02</i>	<i>0</i>	<i>92</i>
<i>EC</i>	<i>2025_26</i>	<i>4</i>	<i>2</i>	<i>2</i>	<i>0</i>	<i>100</i>
<i>IT</i>	<i>2025_26</i>	<i>16</i>	<i>1</i>	<i>10</i>	<i>0</i>	<i>69</i>

PLACEMENT FAIR

BANASKANTHA DISTRICT COLLEGES (February 2026)

*In February 2026, as the Nodal Institute, **Government Polytechnic Palanpur (G. P. Palanpur)** coordinated a **Placement Fair** for higher and technical-level students for **11 Government and Grant-in-Aid institutes of Banaskantha district**. The placement fair was organized at **D. P. Arts and Commerce College, Deesa**,*

<i>Sr No</i>	<i>Particulars</i>	<i>Detail</i>
<i>1</i>	<i>Total no of Industries participated</i>	<i>12</i>
<i>2</i>	<i>Total no of Institutes participated</i>	<i>11</i>
<i>3</i>	<i>Total no of students participated</i>	<i>280</i>
<i>4</i>	<i>Total no of students selected</i>	<i>252</i>

FACULTY ACHIEVEMENT - PATENT / INVENTION

Faculty members of Government Polytechnic Palanpur have contributed to innovation and intellectual property development through the filing of patent applications for innovative inventions. Their efforts demonstrate the institute's commitment to research, innovation, and technology development.

Sr No.	Title of invention	Mentors Name	Application number	Year
1	Wide band Antenna	N. J Chauhan (EC Department)	472301-001	2025-26




सत्यमेव जयते
GOVERNMENT OF INDIA

Controller General of Patents, Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Design Application Details

Application Number: 472391-001

CBR Number: 216468

CBR Date: 03/06/2025 22:53:20

Applicant Name:

1. Mr. Nirav J. Chauhan
2. Dr. C. H. Vithalani
3. Dr. Niteshkumar J. Bathani
4. Prof. (Dr.) Shodhkumar K. Patel
5. Prof. (Dr.) Jagdishkumar M Rathod

Design Application Status

Application Status: Application Under Process (waiting for Technical Examination)

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EDITORS' NOTE

Its great pleasure to introduce this Newsletter of Government polytechnic, Palanpur, Named "SPANDAN".

We are grateful to our honorable Principal and HODS all department who gave this opportunity to us. We are also thankful to all staff members of this institute who supported directly or indirectly in this work.

Nilesh A Modi (Lecturer in Mechanical)

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