

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

PRINCIPAL MESSAGE

Dear Students,

It gives me a 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 5 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 five Diploma Engineering level programs, Electrical, Mechanical, Civil, EC and ICT. Three programs namely Civil Engineering, Mechanical Engineering, Electrical Engineering are accredited by National Board of Accreditation, New Delhi for A.Y. 2021-22 to A.Y. 2023-24. Institute has total 65 highly qualified faculties, among them 5 faculties hold PHD degree and 40 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.

Today, we celebrate the momentous launch of a student startup named Prahantam Pvt. Ltd marking a significant milestone in our journey. Additionally, our students' ingenuity has led to the filing of four patents in the past three years, with G P Palanpur now proudly holding four granted patents. These achievements underscore our commitment to nurturing a culture of innovation and propelling our students towards success in the global arena.

Also in 2020, G P Palanpur was ranked 29th across the state in SSIP Grantee institutions (146) and 3rd rank in all government intuitions of state of Gujarat, for startup and innovation activities execution in campus.

The institute has Finishing school cell in which final year students were learn personality development and Interview preparation tips from invited experts. Also under The RashtriyaUchchatarShikshaAbhiyan (RUSHA) scheme we regularly conduct Karate Classes, Narishaktisashaktikaran relevant events for girl students.

The college has achieved good number of students' placements with good pay packages, where in nearly 30 companies have visited the campus during placement fair IN 2023. Some regular recruiters are L&T, Torrent Power, BKT Tires, ArcelorMittal etc. We also organize Seminars, workshops, Industrial visits, 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.



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

With Best Wishes,
Shri S D Dabhi.
Principal

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NATIONAL BOARD OF
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SSIP

*Student Startup and Innovation
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EXTRA CURRICULAR
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*Encouraging students for
actively participate in social
activities.*

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*Training and Placement
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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 happening in the institutes. The accreditation of NBA helps the higher educational institute to know its strengths, weaknesses and opportunities and challenges which gives a clear road map to improve the quality in Technical Education System. Accreditation is important because it: Helps to recognize whether an institution meets or having minimum standards of quality. Also helps the students determine acceptable institutions for enrollment. Employers often require proper evidence that applicants have received a degree from an accredited school or program. An Expert Team constituted by NBA (National Board of Accreditation) New Delhi conducted online/on-site evaluation of the programs from 24th to 26th September, 2021.

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 2021-2022 to 2023-2024 i.e. up to 30-06-2024:
2	Mechanical Engineering	Accredited	
3	Electrical Engineering	Accredited	



SSIP-STUDENT STARTUP AND INNOVATION POLICY

To support the students for working on their innovative ideas, SSIP cell is created at this institute with enthusiastic team. Different activities are being carried out under this scheme by our institute for development of students. Our Institute's SSIP cell work with mission: "Implant the passion and spirit among students to pursue entrepreneurship by innovation" for guiding the students towards innovation.

PROJECT PRESENTATION 2022

Institute level Project fair was organized in which all the students participated with prepared project model and presented in front of faculty members and other institute students. It was really very good events and with this event 1st year and 2nd year students got idea about project and working model. In project presentation 2022 at Government Polytechnic Palanpur, 10 projects were presented by students of different departments.



ROBOTICS AND RACING EVENT

On 10th and 11th April 2022, Robotics and Racing event was organized at Government Engineering College Palanpur where students from our students participated. In this competition, 12 students of our institute with three different ROBO cars were involved.



ROBOTICS @ L D COLLEGE AHMEDABAD

National Level Robotics event was organized by LD college of Engineering, Ahmadabad, where 12 students of our institute participated in different sub events, like ROBO football Event, ROBO war, and ROBO racing events. Out of these three teams, one of the teams of our institute got 1st rank, and won the prize. The second team of our institute got 3rd rank, and won the prize.



INNOVATION AND IDEATION ONE DAY SEMINAR @ VIDHYAMANDIR SCHOOL PALANPUR "STUDENTS TEACHING STUDENTS"

'Students-Teaching-Students' programme is beneficial to both-those who are being taught and who taught. Our SSIP CELL organized One Day Robotics and Drone event at Vidhyamandir School, Palanpur for the students of 5th to 8th standard. In this event, total 80 students participated, where our SSIP student team was present for a day in the school, and played a role of a 'teacher' and 'mentor' to the school students.



JOB SEEKER vs JOB CREATORS

Our SSIP team with students visited nearby schools, and discussed about real life problems and its solutions with innovations. During this One Week program, we went to 9 different Schools and the students of those schools also participated in group discussion on a topic “Job Seekers vs Job Givers”.



School Name	Std	NO. STUDENTS	TEACHER (SPOC)	Winner
BRANCH SHOOOL 1, PALANPUR	STD 1 TO 8	675	DIPTIBEN G CHAUDHARY	VRUSHTI KAMLESHBHAI SHAH 8 KELPESH KHEMABHAI PRAJAPATI 8
SHRI I J MEHTA VIDHYAMANDIR PALANPUR	6 TO 8	550	RAJENDRABHAI MEHTA	JANKI ASHISHBHAI JOSHI 8 BHAVYA MUKESHBHAI DESHAI 7
SHRI M M MEHTA ENGLISH MEDIUM SCHOOL, PALANPUR	9 TO 11	275	ANAND P JOSHI	MESHA THAKKAR 11 DEEP BAROT 9
GANESHPURA PRIMARY SCHOOL, PALANPUR	5 to 8	150	DINESHBHAI	
SHRI VIVIDHLAXMI VIDHYAMANDIR PALANPUR	9 TO 10	600	GANSHYAMBHAI GAUSWAMI	ARPIT CHAUDHARY 9 VEDANT JOSHI 9
VIMLA VIDHYALAY, GADH	6 to 11	320	NIKHIL BAJPAI	NIYATI RAVAL 10 MANSIYA AKBARALI HASANALI 11
SHRI RAJMANI PRIMARY SCHOOL, PALANPUR	3 TO 5	575	BHAVNABEN TRIVEDI	NISHARG MODI 5B SAMIL 5 B
SHRI M M MEHTA ENGLISH MEDIUM SCHOOL, PALANPUR	6 TO 8	407	PRASHANT PANDYA	DRISHA D CHAUDHARY MAURYA J PATEL
IQRA ENGLISH MEDIUM		100	ANSARI VAHIDBHAI NASIRBHAI	SHERU AKIL MAHAMMAD ARIF 10 ABHAY DHANJIBHAI CHAUHAN 10
GOVT. POLYTECHNIC PALANPUR	SEM 1 AND SEM 5	200	S D DABHI	MANTHAN N GAMI 1ST EE BHARAT SUTHAR 1ST EC

APPRECIATION PROGRAM FOR YOUNG VISIONARY OF NEW INDIA, 10TH OCT, 2022

In the august presence of Smt. Kiranben Raval Madam (President Palanpur Nagarpalika), Prof. D.M. Patel Sir (Principal, GEC Palanpur), Shri S.D. Dabhi Sir (Principal GP Palanpur), the Event was held as a part of various technical and social events organized under SSIP every year. These events are organized every year with the objective to provide platform for the students to showcase their talent with a competitive spirit. The event was successful to attract many since the event was attended by more than 200 students. The winners were encouraged with a certificate, trophies as well as prizes. The participants were also given certificates as a token of encouragement.

50 students got awarded from our institute and nearby schools.

Following award given by the student for different categories:

- 1. Award for Patent filling*
- 2. Award for startup*
- 3. Development of Innovation and Startup culture in Campus*
- 4. Best Proof of Concept (POC)*
- 5. Innovator in Campus*
- 6. Participate State or National level*
- 7. Innovator of campus in School*

On the day of event appreciation certificate were given to 20 internal and 7 external mentors.





DRONE AND ROBOTICS TRAINING PROGRAM

Our SSIP team with students went to nearby Schools, Chaniyana Primary school and Adarsh School Palanpur for Drone and Robotics training program.



टेकनोलोजी अंगे जागृति लाववा प्रयासः पालनपुरनी गवर्मेन्ट पॉलिटेक्निक कोलेजना विद्यार्थीओये प्राथमिक शाळाओना विद्यार्थीओने ड्रोन बनाववानी टेकनोलोजी अंगे माहिती आपी

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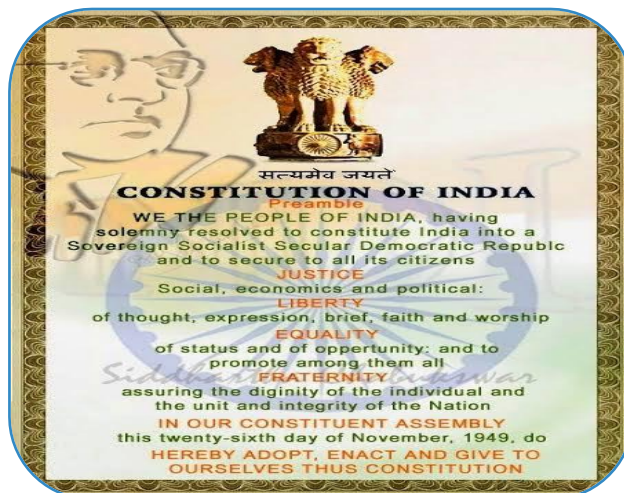
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EXTRA CURRICULAR ACTIVITIES

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.

CONSTITUTION DAY

“Constitution Day” also known as 'Samvidhan Divas', is celebrated in our country on 26th November every year to commemorate the adoption of the Constitution of India. On 26th November 1949, the Constituent Assembly of India adopted the Constitution of India, which came into effect from 26th January 1950.



CONSUMER AWARENESS AND CYBER SECURITY ONLINE SEMINAR

Seminar on Consumer awareness and cyber security were organized on 10/01/2023 by TRAI at Government Polytechnic Palanpur. Student from the all departments have participated in this program through online mode and learnt about the possible cyber crime happens through internet or mobile phone online.



TOBACCO CONTROL PROGRAMME

Seminar on Tobacco control programme was organized on 09/02/2023 by District Tobacco Control Cells Banaskantha (Palanpur) and G P Palanpur at Government Polytechnic Palanpur. At the end of the program student and faculty taken oath to not to consume tobacco, and also will spread awareness about the serious health problem of consuming tobacco.



SELF DEVELOPMENT SEMINAR

Seminar on “MOTIVATION TALK AND SELF DEVELOPMENT” was organized on 13/03/2023 by G P Palanpur at Government Polytechnic Palanpur in the presence of financial planner named Mr. DarshanbhaiSolanki. The program was enthusiastically attended by all the students and staff.



THALASSEMIA TEST CAMP

Thalassemia Test Camp was organized by G P Palanpur and Red Cross Society Ahmedabad on 21st April 2023 at Government Polytechnic Palanpur, in which students of 2nd Semester were underwent compulsory Thalassemia test. When two individuals with Thalassemia Minor marry, there is a 25 per cent chance that their child will be born with Thalassemia Major. Therefore, two individuals with Thalassemia Minor should not marry. This is the easiest ways to reduce the number of new cases.”During this program students are informed about what Thalassemia is and what the requirement of this test is.



TREE PLANTATION

A very auspicious Tree Plantation program was organized in our college to create an awareness regarding climate change and its adverse effect on us. Hundreds of plants were planted in the college garden and surrounding area to create awareness about saving trees and environment.



76TH INDEPENDENCE DAY

The Independence Day of India is celebrated on the 15th of August to commemorate the birth of a free and democratic nation. 15th August 1947 is the historic day that marks India's freedom from the stranglehold of the British Raj. On the eve of 15th August 1947, the Indian flag was unfurled proudly by Jawaharlal Nehru, the first Prime Minister of India, at the Red Fort in Delhi. Jawaharlal Nehru's landmark 'tryst with destiny' has gone down in the annals of Independent India as a proud moment for Indians.

On this special day the Flag hoisting ceremony was arranged in our college-Government Polytechnic Palanpur with fervent zeal and patriotism. Flag hoisting and speech was done by our principal Shri. S D Dabhi sir. Tributes are paid to the martyrs for their contribution to the freedom struggle.

Flower rain by drawn which was made by students was remain eye catching moment. All Staff members, their family and students taken participation enthusiastically.



HAR GHAR TIRANGA

Various nationwide programs are being planned and implemented by the Government of India to celebrate AzadiKaAmritMahotsav. 'HarGharTiranga' is a campaign under the aegis of AzadiKaAmritMahotsav to encourage people to bring the Tiranga home and to hoist it to mark the 75th year of India's independence. To mark this momentous occasion our institution Government Polytechnic Palanpur has organized an elocution competition, resolution reading and essay writing on the importance of national flag. The idea behind the initiative is to invoke the feeling of patriotism in the hearts of the people and to promote awareness about the Indian National Flag. All the students and employees of the institute enthusiastically participated in this competition.





SPORTS WEEK 2023

A student's life is no less than a rollercoaster. In addition to learning new skills and exploring various opportunities, a student has a lot to deal with in terms of assignments, practical, exams, internships, workshops, lectures, and much more, essential to ensure optimum academic development. Amidst the busy schedule, it is very important to take a break to refresh oneself. This is where extracurricular activities play a vital role. These activities, during college life, keep student positive, fresh, energetic and go a long way in making you more productive. Not only do they lighten their mood, but they also help in shaping student's overall personality and interpersonal skills.

Government Polytechnic Palanpur has celebrated Sports week 2023 during 10th April to 13th April 2023. Institute had arranged various indoor and outdoor games, like Cricket, Volleyball, Badminton, Long Jump, Kabaddi, chess, Carom, table tennis, Musical chair etc. with keeping in mind about digitalization and students' interests, various online games were also arranged at the institute. Students as well as faculties from the all department had participated in various games enthusiastically and this days become non forgettable for all students. The sports week helped the students to show their talents and hidden strengths. This has also helped in building camaraderie among the students and also boosted the sportsman spirit. The winners of various games are awarded with certificates and medal at the end of sport week.





CLIMATE CHANGE

The changes in the average weather conditions in the given region or area over the time is Climate Change. This includes changes in temperature, wind patterns and precipitation. The change is referred in a global sense and concerns the earth as a whole.

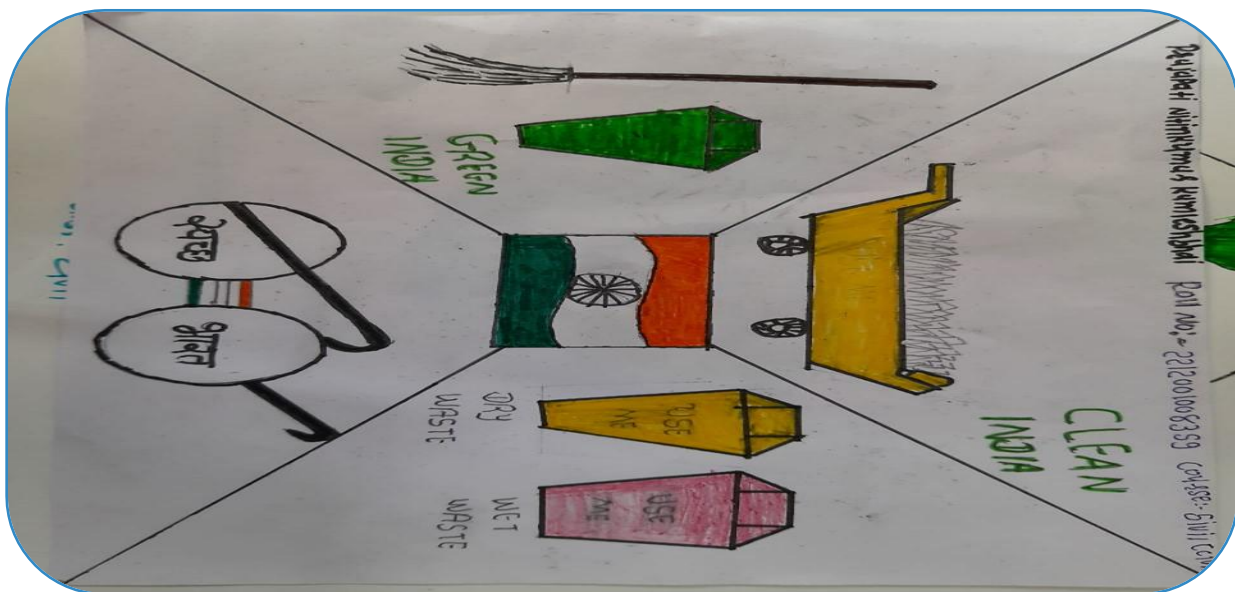
Climate Change in Intergovernmental Panel on Climate Change usage refers to a change in the state of the climate that can be identified (e.g. using statistical tests) by changes in the mean and/or the variability of its properties and that persists for an extended period, typically decades or longer. It refers to any change in climate over time, whether due to natural variability or as a result of human activity.

OBSERVED CHANGES

According to Intergovernmental Panel on Climate Change, warming of the climate system is unequivocal, as is now evident from observations of increase in global average air and ocean temperatures, widespread melting of snow and ice and rising global average sea level.

- *Global temperature increase especially at higher northern latitudes.*
- *Decline of mountain glaciers and snow cover in both hemispheres.*
- *Ocean acidification.*
- *Global average sea level rise at an average rate of 1.8 mm per year during 1961 to 2003 and 3.1 mm per year during 1993 to 2003.*
- *Increase in intense tropical cyclone activity in the North Atlantic.*
- *Changes in global precipitation pattern.*
- *More intense and longer droughts over wider areas in the tropics and sub-tropics.*
- *Increased heat-related mortality and infectious diseases.*

Sr.No	Event title	Activity	Date
1	Water management	Slogan competition	17/09/2022
2	Renewable energy	Elocution competition	19/09/2022
3	Panchamrit for climate change	Signature campaign	20/09/2022
4	Battery operated vehicles	Group discussion	20/09/2022
5	Environment , forest and climate change	Essay writing	21/09/2022



SAVE SOIL

Save Soil is a global movement launched by Isha Foundation (Sadhguru), to address the soil crisis by bringing together people from around the world to stand up for Soil Health, and supporting leaders of all nations to institute national policies and actions toward increasing the organic content in cultivable Soil.

The lecture has been given by Dr. Sachin Malve, Scientist (agronomy) Dantiwada Agriculture University.

Dr. Sachin has explained the need of this movement and awaked with some interesting facts about the soil.

Some of as below,

- *A study on nutrients in food concluded that we would have to eat 8 oranges to get the same amount of Vitamin A as our grandparents did with one orange because soil depletion has caused massive drops in nutrient levels in food. (Scientific American)*
- *2 billion people suffer from nutritional deficiencies (WHO)*
- *The average mineral content of calcium, magnesium, and iron in cabbage, lettuce, tomatoes, and spinach has dropped 80-90% between 1914 and 2018 in the US (NCBI)*
- *The global economy will lose US \$23 trillion by 2050 through land degradation (UNCCD)*
- *Soil degradation causes a loss of \$235 billion to \$577 billion in crop productivity every year (IPBES)*

The event become so interesting and students and faculties of the institute taken oath to plant one tree each year, and take care of it.



CLEAN OCEAN MISSION

The Ocean covers more than 70% of the Earth's surface and contains more than 97% of the water on the planet. The ocean's health is essential for all life on Earth, not only for marine wildlife. Keeping our marine ecosystems clean from debris and pollution is probably one of the most important goals we should work towards, and it is definitely one we should all care about. In the last decade, the discussion about the ocean has become more and more relevant. Our ocean functions as the Earth's life support system, and to ensure a sustainable future, we must protect and preserve its waters and ecosystems from all types of pollution.

There are many things we can do to clean our ocean and reduce the amount of pollution that enters it in the first place and to explain this "Clean Ocean" program has been organized at our institute. Mr. Rakesh Prajapati, Lecturer Government polytechnic Palanpur, has explained need of clean ocean mission and explained following some ways to clean the ocean,

- *Reduce the Use of Plastic Items*
- *Reduce Your Carbon Footprint*
- *Support Non-profit Organizations and Research*
- *Clean-Ups (simply do it on the weekend on your own, maybe involving your friends and family!)*
- *Clean the Ocean's Garbage Patches*
- *Eat Sustainable Fish (or No Fish at All!)*



NAVARATRI (GARABA) CELEBRATION

Our organization Government Polytechnic Palanpur organized “Navratri Garba Mahotsav” on 06/10/2022 from 2 pm to 6 pm in a manner consistent with the culture of Gujarat for additional cultural activities apart from educational activities. Enthusiasm of the students was increased by organizing prizes for the winners as well as the traditional dress.



GUJARAT 2022, NATIONAL GAMES OF INDIA

The 2022 National Games of India, also known as Gujarat 2022, was the 36th edition of the National games of India, and were held in Ahmedabad, Gandhinagar, Surat, Vadodara, Rajkot and Bhavnagar in the state of Gujarat between 27 September and 10 October 2022. The official logo and motto of the games was unveiled on 22 July 2022.

The logo depicts an Asiatic lion head make up of sporting pictograms and the Statue of Unity. The official motto of the games is "Celebrating unity through sports" .The sports program will include athletics, field hockey, football, volleyball, lawn tennis, table tennis, skateboarding, Netball and judo, and will also feature traditional sports such as kabaddi, kho-kho, mallakhamba, and yogasana.

An estimated 7,000 athletes from 28 states and eight union territories are expected to participate in 36 disciplines, which comprise most of the traditional Olympic sports. The National Games 2022 will be held across 6 cities in Gujarat, viz., Gandhinagar, Surat, Ahmedabad, Rajkot, Vadodara, and Bhavnagar. To spread awareness of this event, Mr. B G Parmar City Mamlatdar, Palanpur came to our institute Government Polytechnic Palanpur On 09th September 2022. He has proudly explained the importance of this event at our country especially at Gujarat and also explained the importance of sports in our life .All the students and faculties has participated in this event enthusiastically.



ALUMNI MEET-2023 ON 05/02/2023

Present alumni share experience about the government polytechnic palanpur and also share the importance of GPP in his/her life. One of the key points in experience sharing is "Today we are successful and very happy due to the efforts and blessing of our teachers."



TRAINING AND PLACEMENT ACTIVITIES

The Training and placement cell, Palanpur has interacted with around 7-8 industries for student for on-campus placement activities in 2023. In recruitment processes with various industries, 20 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.

PLACEMENT FAIR-2023

(A) Placement Fair - March 2023 for Banaskantha District Colleges

As a nodal institute, in March 2023, G P Palanpur has organized, at its own building, Placement Fair for 14 Government and Grant-in-aid institutes of Banaskantha giving job opportunities for Higher and Technical level students.

<i>Sr No</i>	<i>Particulars</i>	<i>Detail</i>
1	<i>Total no of Industries participated</i>	10
2	<i>Total no of Institutes participated</i>	12
3	<i>Total no of students participated</i>	480
4	<i>Total no of students selected</i>	308

As institute level, 54 students participated, out of which 22 students selected in 4 Industries.

(B) Placement Fair – September 2023 for Banaskantha District Colleges

In September 2023, as a nodal institute, G P Palanpur has coordinated Placement Fair of 14 Government and Grant-in-aid institutes of Banaskantha for Higher and Technical level students organized in each institute.

<i>Sr No</i>	<i>Particulars</i>	<i>Detail</i>
1	<i>Total no of Industries participated</i>	26
2	<i>Total no of Institutes participated</i>	10
3	<i>Total no of students participated</i>	383
4	<i>Total no of students selected</i>	62

INSTITUTE PLACEMENT DETAIL

Department	Passing Year	No. of Student Pass-out	CURRENT STATUS			
			No. of Student doing Job/placed	No. of Student persue higher studies	No. of Entrepreneurs	% Placement
CIVIL	2022_23	16	0	16	0	100
MECHANICAL	2022_23	16	3	12	0	94
ELECTRICAL	2022_23	13	3	3	0	46
EC	2022_23	2	0	2	0	100.00

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.

Laukik K Patel(Lecturer in EC)

Nilesh A Modi(Lecturer in Mechanical)

Chirag S Pandya(Lecturer in English)

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