

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

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 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 72 highly qualified faculties, out of 5 faculties hold PHD degree and 48 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 making POC. All departments are working on different projects funded under SSIP Policy. 34 Projects are supported under SSIP Cell, 3 student's startup were register under MSME (Udyam), one startup is ready for commercialization of his product in market also during last two years our students filed four patents with the support of SSIP cell of our institute. G P Palanpur today holds 2 granted patents.

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 Rashtriya Uchchar Shiksha Abhiyan (RUSHA) scheme we regularly conduct Karate Classes, Nari shakti sashaktikaran relevant events for girls students.

The college have achieved good number of students' placements with good pay packages, where in nearly 50 companies have visited the campus among during placement fair 2022. 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.

With Best Wishes,



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

*Shri S D Dabhi.
Principal*

HEADLINE 1

Page no.(4)

NBA

**NATIONAL BOARD OF
ACCREDITATION**

HEADLINE 2

Page no.(5)

SSIP

*Student Startup And
Innovation Policy*

HEADLINE 3

Page no.(9)

**EXTRA CURRICULAR
ACTIVITIES**

*encouraging students for
actively participate in social
activities.*

HEADLINE 4

Page no.(13)

NSS

HEADLINE 5

Page no (14)

**WOMEN
DEVELOPMENT CELL**

Choose to Challenge

HEADLINE 6

Page no.(16)

TPO

*Training And Placement
Activities*

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. 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.

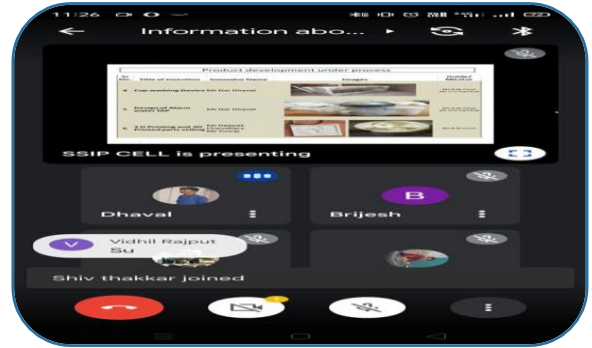
<i>Sr. No.</i>	<i>Name of Programs (Diploma)</i>	<i>Accreditation status</i>	<i>Period of Validity</i>
<i>1</i>	<i>Civil Engineering</i>	<i>Accredited</i>	<i>Academic Years 2021-2022 to 2023-2024 i.e. up to 30-06-2024:</i>
<i>2</i>	<i>Mechanical Engineering</i>	<i>Accredited</i>	
<i>3</i>	<i>Electrical Engineering</i>	<i>Accredited</i>	



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.

To introduce SSIP policy and available facility in campus under SSIP, we regularly organized sensitization program on 30th September 2021, so newly admitted students get motivated to take benefit of SSIP policy. It was organized online mode and success story of our campus were shown to participants.

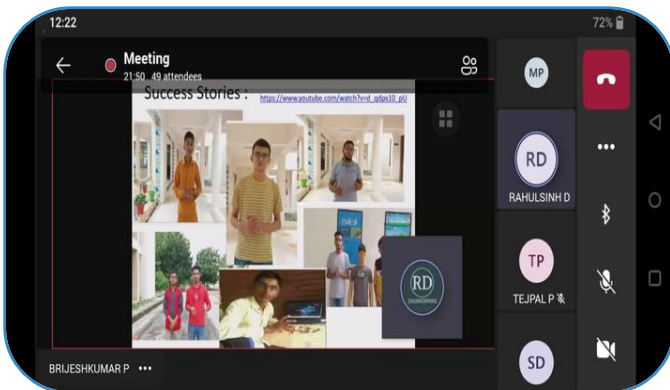


Under SSIP policy and under guidance of SSIP Cell of our institute Mr Nailesh Parmar student of Electrical department of our institute work on real life problem and presented solution, this can be very useful for queue management at Corona vaccination center or at any organization.

At our institute Boot Camp was arranged from 3rd September to 5th September 2021 on “Basics of Arduino and 3D printing” and 40 students participated with enthusiasm



Recently government of Gujarat launched SSIP 2.0 and for awareness about SSIP 2.0 and its benefits to students, institute organized SSIP 2.0 sensitization for students and staff of Government polytechnic Palanpur on 15th January 2022.110 students and faculties participated



State Level Hackathon @ KDP, Patan on 21st November 2021

State level Hackathon was organized by K D Polytechnic Patan on 21st November 2021 and in this event from our institute total 9 students participated with 3 new innovative projects and one of project from Electrical Departments students was got 3rd rank and win prize money.



Technical Event 2022 @ G P Palanpur

Institute level Project fair was organized in which all students participated with prepared project model and presented in front of faculty members and other institute students. It was really very good event and with this event 1st year and 2nd year students got idea about project and working model. 10 projects were presented by students of different department.



Robotics State level Event @ GEC Palanpur

Robotics and Racing event was organized by Government Engineering College Palanpur from 10th April to 11th April 2022. Students from our institute participated in this event. Total 12 students of our institute with three different ROBO car participated in this technical event.



Innovation and Ideation One day Seminar @ Vidhyamandir School Palanpur “Students teaching students”

Students teaching students not only benefit those students who are being taught, but it also benefits the students who are teaching. Our SSIP CELL organized one day Robotics and Drone event at Vidhyamandir school, palanpur for 5th to 8th standard students on 17th April 2022. Total 80 students participated in this event



Robotics @ L D College of engineering Ahmedabad

National Level Robotics Event organized by LD college of Engineering Ahmedabad, 12 students of our institute participated in different sub events like ROBO football Event, ROBO war, and ROBO racing events. Out of three team One team of our institute got 1st rank and win prize. And Second team of our institute got third rank and win prize.



પાલનપુર 27-11-2021

દ્યોતવેશન | ભારતમાં પ્રથમવાર હાઈ પ્રેસર વોટર અને બ્રશથી મશીન બનાવી અભ્યાસ સાથે સ્ટાર્ટઅપ મેળવ્યું

પાલનપુર પોલિટેકનિક કોલેજના 19 વર્ષના છાત્રે લોકડાઉનમાં ઓટોમેટિક ટી-કપ વોશિંગ મશીન બનાવી પેટન્ટ કરાવ્યું

પ્લાસ્ટિકના કપ નુકસાન કરતા હોવાથી આઈડિયા આવ્યો અને સફળતા મળી

ભસ્કર વ્યૂઝ | પાલનપુર

પાલનપુર પોલિટેકનિક કોલેજના 19 વર્ષના છાત્રે લોકડાઉનમાં ઓટોમેટિક ટી-કપ વોશિંગ મશીન બનાવી અમદાવાદ એલડી એન્જિનિયરિંગ કોલેજના માર્ગદર્શન હેઠળ પેટન્ટ કરાવ્યું છે. હોનહાર છાત્ર એ ભારતમાં પ્રથમવાર હાઈ પ્રેસર વોટર અને બ્રશથી મશીન બનાવી અભ્યાસ સાથે સ્ટાર્ટઅપ મેળવ્યું છે.

મૂળ ધાનેરા તાલુકાના ભાટીયા ગામનો વતની ધવલ નાઈએ વર્તમાન સ્થિતિને ધ્યાનમાં રાખી



ભાટિયા ગામના છાત્રે બનાવેલું ઓટોમેટિક ટી-કપ વોશિંગ મશીન

ટી-કપ વોશિંગ મશીન બનાવ્યું છે. ધવલે પોતાના આ સ્ટાર્ટ-અપને 'મહંતમ' નામ આપ્યું છે. ધવલ હાલ માં 'એસ એસ ગાંધી સુરત' ખાતે બીઈનો અભ્યાસ કરે છે. પાલનપુરમાં અભ્યાસ દરમિયાન ઓટોમેટિક ટ્ય લેસ વોશિંગ મશીન બનાવી સહુને ચોકાવી દીધા હતા. ધવલે જણાવ્યું કે ' ટી-કપ વોશિંગ

મશીનથી ટાઈમ અને મજૂરી તો બચશેજ પરંતુ ઓટોમેટિક હોવાથી શુદ્ધતા, સ્વચ્છતા પ્રોવાઈડ કરે છે અને મહત્તમ પાણી બચાવે છે. આ સ્ટાર્ટ અપ ગવર્નમેન્ટની સ્ટુડન્ટ સ્ટાર્ટ અપ એન્ડ ઈનોવેશન પોલીસી SSIP અંતર્ગત થઈ રહ્યું છે. ઘણી હોટલની અંદર સર્વે કર્યા બાદ જાણ્યું કે ગમે તે પ્રકારના કપ વાપરવાથી ગંદકી



અમદાવાદ એલડી એન્જિનિયરિંગ કોલેજના માર્ગદર્શન હેઠળ પેટન્ટ કરાવ્યું .

અને અસ્વચ્છતાતો રહે જ છે. ઓટોમેટિક મિકેનિઝમ બનાવી દરેક લોકો વાપરી શકે છે. હાઈ પ્રેસર વોટર અને બ્રશથી કપ ધોવાય છે. આ મશીનની અંદર ખુબ જ ઝડપી અને એક સાથે 16 કપ ધોઈ શકાય છે જેના માટે ખૂબ જ નજીવું પાણી વપરાય છે. ભારતમાં ચાના કપ ધોવા માટેનું કોઈ મશીન

બીજું અવેલેબલ નથી. જર્મનીથી આવતા બીયર કપ વોશિંગ મશીન હોય છે જે 1.5 લાખ રૂપિયાના હોય છે. અગાઉ ત્રણ મશીનોમાં નિષ્ફળતા મળી હતી છેવટે ચોથા મશીન બનાવતા સફળતા મેળવી અઢી વર્ષ કરતાં વધુ સમયમાં સફળતા હાંસલ કરી છે.

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.

MENTAL HEALTH AWARENESS PROGRAM

A mentoring program on mental health was organized by Dr. Hardik Parekh of Psychologist team at Government Polytechnic Palanpur on 07th September 2021, under the program of National Mental Health Program by a joint venture of “General Hospital Palanpur and Manas Charitable Trust for Mental Health”, in which students participated enthusiastically. Student Learned to not get frustrated in any situation in life.



De-addiction program

Seminar on De-addiction were organized on 22/10/2021 by Drug Enforcement and Reception Department Palanpur at Government Polytechnic Palanpur in the presence of Police Inspector N A Devani (Drug Excise Department), PSI G D Ahir (Women Police Station) and Women Councilor Jigisha Tarar (Women Based Support Center). The program was enthusiastically attended by all the students and staff.

COVID-19 VACCINATION

On 6th January 2022 at Government Polytechnic, Palanpur, under the Government's guideline, a covid-19 vaccination program was organized for students below 18 years of age in which all the students of Diploma Engineering were vaccinated. The first dose of vaccine was taken by approximately 200 students in this program.



NAVARATRI (GARABA) CELEBRATION

Our organization Government Polytechnic Palanpur organized “Navratri Garba Mahotsav” on 21/10/2021 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 were Increased by organizing prizes for the winners as well as the traditional dress.



CLEAN INDIA (AAZADI KA AMRIT MAHOTSAV)

The organization “Ministry of Youth Affairs and Sports of the Government of India”, has decided to contribute to the “Clean India” campaign as part of the celebration of “Azadi ka Amrut Mahotsav” from 01/10/2021 to 31/10/2021. Under this, our institute has planned to collect single use plastics from the area around the institute under the “Clean India” campaign on Thursday 28/10/2021 at 3:30 pm. In this program employees and officers of the institute as well as maximum number of first year students has participated



INTERNATIONAL YOGA DAY

The International Day of Yoga has been celebrated across the world annually on June 21 since 2015, following its inception in the United Nations General Assembly in 2014. Yoga is a physical, mental and spiritual practice which originated in ancient India. The Indian Prime Minister, Narendra Modi, in his UN address in 2014, had suggested the date of June 21, as it is the longest day of the year in the Northern Hemisphere and shares a special significance in many parts of the world. As we all know the whole world is celebrate 21st June day as an International Yoga day, this time in 2022 in India it was celebrated with the concept of “YOGA FOR HUMANITY”. As part of pre yoga day, Government polytechnic Palanpur has organized a workshop on "Happiness Meditation and Breathing" on 18th June 2022 in the presence of shri Chauhan sir, Principal, Technical High school, Palanpur. Chauhan sir has practiced yoga method proposed by Gurudev Sri Sri Ravi Shankar. All participants have felt power of meditation during this session. On the Yoga day, 21st June 2022 at Government polytechnic Palanpur, yoga practice was arranged in the presence of yoga teacher Shri. Amichandbhai and Shri. Joitabhai (yoga teacher, Patanjali yoga centre, Palanpur) .Faculties, staff members and students have participated in this event with Enthusiasm.



EXPERT TALK ON “ BHARTIYA SVATANTRATA SANGRAM “

*On the occasion of Martyrs' Day on 30th January 2022, the opportunity to pay tribute to the martyred heroes who sacrificed their lives in the freedom struggle of India should be taken seriously and the spirit of faith and respect towards the martyrs should be awakened and the country should realize its importance for which An online talk was organized by History Coordinating Committee, Gujarat on 29th January 2020 at 3:00 pm at the institute. In this program, **Shri Girishbhai Thacker, Vice Chairman, History Coordinating Committee, Gujarat** gave a speech on the subject of “**Indian Freedom Struggle (Bhartiya svatantra sangram)**”. The program was also broadcast online through Google meet.*



CYBER CRIME AWARENESS

*Government polytechnic Palanpur has organized a seminar on ‘Cyber Crime Awareness’ to impart knowledge to the students and staff about the various issues related to cybercrime and hacking on 6th July. The lecture was delivered by **Shri. Vinodbhai Chaudhari, State Cyber Crime Cell, CID Crime, Gujarat**. He shared lots of case studies with us like the case of Cassidy wolf. Websites used for downloading songs like Songs.pk are also supporting piracy. Credit card frauds are done with the help of skimmers. Cybercrime is a criminal activity in which a computer is used as a source, tool or target. There are different types of cybercrimes like hacking, denial of service, virus dissemination, piracy, phishing, spoofing, defamation, IRC crimes etc. The students and faculty got to learn a lot about cybercrime, its awareness.*



NSS ACTIVITIES

CYCLE TOUR-MANPUR VILLAGE TO VISIT ORGANIC FARMING

*At present, the question of people's health becomes a question of the nation, while the entire basis of health is based on the diet taken by humans, which is based on the method of agriculture. In order to get more and faster production, the use of chemical fertilizers in today's agriculture is unknowingly increasing and it is causing a lot of damage to the environment and human health. A visit to **Manpur village on 04/01/2022 with 36 students** reveals that organic farming is becoming synonymous with the development of both the farmer and the farm. Through organic farming, the soil maintains all the nutrients required for agriculture and many organisms necessary for agriculture remain alive.*



ESSAY WRITING & DRAWING COMPETITION

A drawing competition and an essay competition were organized to create awareness about voting among the students of the institute. The students enthusiastically participated in the process of re-nation building and tried to make it worthwhile. A total of 45 (17- essay competition and 28- drawing competition) students participated out of which the first winners of both the competitions were decided. Through the study of topics like electoral process, voting-democracy, National Voter's Day and modernization in elections, this activates learned about the importance of elections in the reconstruction of the nation and their contribution to it.



WOMEN DEVELOPMENT CELL

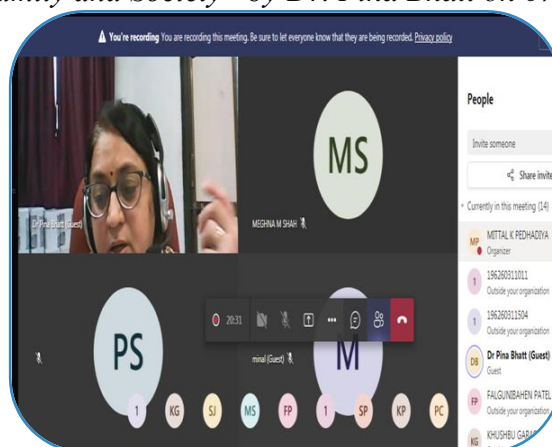
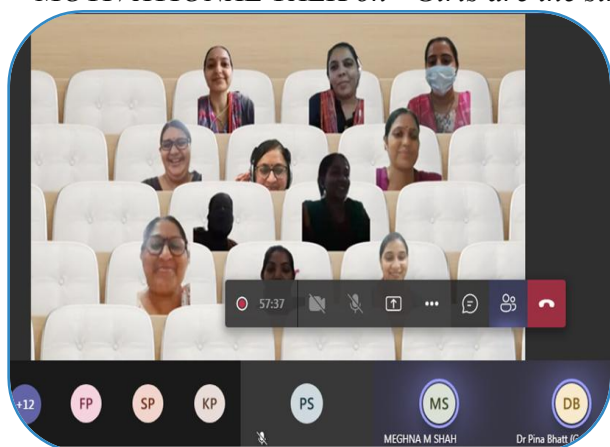
The objective of the WDC is to create gender sensitized environment for students, teaching and non-teaching staff. Providing safe environment to work, study and develop their potential to the fullest.

To achieve the objectives of WDC, in the academic year 2021-22 counseling of girl student was done to solve their personal issues if any. To provide safe and secure environment to the women's, registration of all the girl students and female staff on Police heart was carried out.

“To provide safe and secure environment to the women”.

Glimpse of the activities

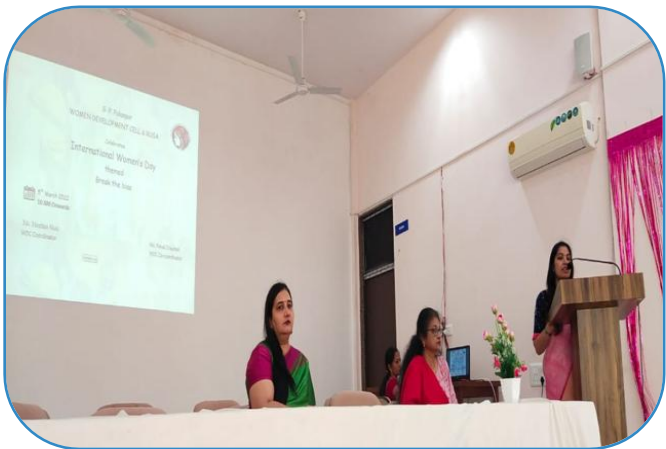
MOTIVATIONAL TALK on “Girls are the strength of family and Society” by Dr. Pina Bhatt on 07/09/2021



International Woman's day celebration (Food without flame competition among girl students) 05/03/2022



Expert lecture on “Self employment enhancement” by Tithi Vakil (Interior Designer) on 05/03/2022



Expert lecture on “Laws related to women safety” by MS. YASHASHVI MEHTA PANDYA was held on 05/03/2022 as a part of woman’s day celebration



TRAINING AND PLACEMENT ACTIVITIES

At Government Polytechnic Palanpur, we are having Training and Placement Cell which provides good platform to students to interact with industries for training, placement and to have idea of current work scenario in current world. Placement in industries and higher study are options for future development from diploma study and details of this for year 2021-22 are as mentioned below.

PLACEMENT FAIR-MARCH-2022

In the month of March-2022, The Mega placement fair was organized at our institute under guidance of Education department and KCG for the benefits of students of various disciplines like Engineering (Diploma, Degree), B.A, M.A, B.Com, M.Com, B.Sc, M.Sc etc.

Sr No	Particulars	Detail
1	Total no of Industries participated	22
2	Total no of Institutes participated	14
3	Total no of students participated	1240
4	Total no of students selected	367



પાલનપુર સરકારી પોલીટેકનીક ખાતે તા. ૨૩ માર્ચના રોજ મેગા પ્લેસમેન્ટ કેમ્પ યોજાશે

માહિતી બ્યુરો : પાલનપુર બનાસકાંઠા જિલ્લાની સરકારી અને અનુદાનિત ટેકનિકલ તેમજ ઉચ્ચ શૈક્ષણિક સંસ્થાઓમાં સ્નાતક અને અનુસ્નાતકના છેલ્લા વર્ષમાં અભ્યાસ કરતાં વિદ્યાર્થીઓને રોજગાર મળી રહે તે હેતુથી રાજ્ય સરકારના શિક્ષણ વિભાગ અને Knowledge Consortium of Gujarat (KCG) દ્વારા વિશિષ્ટ પહેલ વર્ષ-૨૦૧૯ થી સરકારશ્રી દ્વારા કરવામાં આવેલ છે.

આ વર્ષે પણ રાજ્ય સરકારના શિક્ષણ વિભાગ દ્વારા સરકારી પોલીટેકનીક, પાલનપુર મુકામે બનાસકાંઠા

જિલ્લાના મેગા પ્લેસમેન્ટ કેમ્પ-૨૦૨૨નું આયોજન તારીખ ૨૩/૦૩/૨૦૨૨ના રોજ કરવામાં આવ્યું છે. આ પ્લેસમેન્ટ કેમ્પમાં બનાસકાંઠા જિલ્લાની ૧૪ સરકારી અને અનુદાનિત કોલેજના અંતિમ વર્ષમાં અભ્યાસ કરતા બી.ઈ., ડિપ્લોમા, બી.સી.એ., બી.એસ.સી., એમ.એસ.સી., બી.એ., બી.કોમ. અને એમ.કોમ. ના કુલ- ૨૬૦૦ વિદ્યાર્થીઓની પસંદગી માટે ૪૦ થી વધારે ઔદ્યોગિક એકમોના પ્રતિનિધિઓ ઉપસ્થિત રહેશે. તેમ પ્લેસમેન્ટ નોડલ અધિકારી એસ.ડી. ડાબીએ અખબારીયાદીમાં જણાવ્યું છે.

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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	2021_22	18	0	15	0	83.33
MECHANICAL	2021_22	90	27	13	0	44.44
ELECTRICAL	2021_22	23	08	12	0	86.95
EC	2021_22	04	1	3	0	100.00
IC	2021_22	11	7	0	0	63.63

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EDITORS' NOTE

It's 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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