

# "Kar Bhala Hoga Bhala"



Sarva Vidyalaya Kelavani Mandal Sanchalit

# VPMP POLYTECHNIC, GANDHINAGAR

# Diploma Prospectus



Recongnized by AICTE

Affiliated with GTU

Managed by SVKM

YOUR CHILD DESERVES THE BEST EDUCATION

#### **About Us**

VPMP Polytechnic, Gandhinagar is one of the best diploma institutes in the capital of Gujarat. The college was established in 2006 for shaping perfect Engineers, Planners and statesmen for the country.









Contact us

(M) 8780099855 | vpmp2006@rediffmail.com | www.vpmp.ac.in

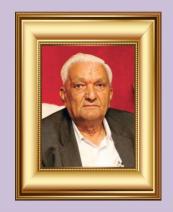
About

#### **SVKM Trust:**

Sarva Vidyalaya Kelavani Mandal was established in the year 1919, by a Philanthropist Pujya Chhaganbha. The basic principle preached by him "52 HAL SIII HAI" has been the driving force for the growth of the educational activities managed by the trust. Having started with just 6 students then, today the trust manages and runs various schools and colleges both at Kadi and Gandhinagar with more than 50000+ students being educated. Of these 50000+ students, around 8000+ students, both boys and girls, stay in the hostels being managed by the trust. The trust is being nourished by the society on the whole and managed by its alumni who occupy respectable positions in the society. The overseas Indian Community showers in donations to benefit the students for providing them better facilities for study as well as stay. The trust has always been in the fore front for provision of value based education to all the students in schools and colleges irrespective of Caste, Creed, and Religion etc.

#### **FOUNDING FATHERS**





्रेसर्पापिधासय "Kar Bhala Hoga Bhala"

"Education is the true service" - Maneklal Saheb



## DIGNITARIES:



#### Shree Vallabhabhai M.Patel

#### Chairman of SVKM, President of KSV & NOI Director IRFC

The dynamics of today's business and integration of global economies need a unique class of technology leaders. Thus strategic thinking, wealth creating and business acumen to compete, excel and win is amongst the salient competencies required at the middle and senior level. I am sure you are looking for technology leaders.

At VPMP Polytechnic, we have developed an environment that ensures rigor, encourages team work and expects excellence. Further, because of different disciplines with a good number of students and a regular stream of executive development programs, an atmosphere of varied cultural and corporate exposure

prevails on the campus. Such an atmosphere develops in our students a thirst for innovation and a will to excel.

VPMP Polytechnic has emerged as a pioneer in providing excellence in their interest areas to its students. I would like to share this credit with all my staff members who have contributed immensely to our success. It has been their capability, dedication, diligence and loyalty towards this institution that we stand with our head held high today. VPMP Polytechnic provides friendly, informal vibrant community of learners. They have an opportunity to network; swap ideas think and evolve concepts. In today's competitive environment, full of challenge, we provide learning systems that not only integrates mastery of fundamentals with across domain competencies, but also focuses personal development and growth of our students and teach them to "believe in themselves" first before they go all out building their career.

I wish you all the best for the bright future and enlightened world ahead with the light of Education.



Dr. Prakash P. Patel

Principal – VPMP Polytechnic

We feel very happy to be a part of this establishment. We are serving here true to our potential to transform the young ones into a potential source of knowledge, energy and strength.

Education is not just a process of giving knowledge for future job but a lifelong process which creates an understanding of moral and ethical values to guide one's life and make our students the future hope of the country.

The institute has invested heavily in the infrastructure facilities, laboratory equipment's, Library books & students amenities, etc. We at the institute strive to nurture & cultivate students to become good technocrats with leadership qualities who think or go beyond conventional technical skill as per 21st century world.

We have a team of well qualified & dedicated faculty & staff members working under the guidance of a well experienced & open minded management.

#### About

#### **VPMP** Polytechnic:

VPMP Polytechnic, Gandhinagar is one of the best diploma institute in the capital of Gujarat. The college was established in 2006 for making perfect junior engineer, planner and statesman of the country.

Primary objective of institute is to provide advanced technological skills & expertise to enhance teaching & academic activities. Greater emphasis is also being placed on Contributing to the government of India's vision of "MAKE IN INDIA" by preparing skilled workforce.

#### **VISION:**

"At VPMP We envision our institute as the fountainhead of excellence in basic engineering knowledge to result in diploma engineers instilled with a sense of commitment, responsibility and belongingness both in their professional as well as their personal lives."

#### **MISSION:**

"We consistently strive to deliver technically sound, promising, proficient and ethically sound diploma holders who can play their role responsibly and progressively in the industrial environment and the society at large."



About

#### Gujarat Technological University (GTU):

Gujarat Technological University is a premier academic and research institution which has driven new ways of thinking since its 2007 founding, established by the Government of Gujarat vide Gujarat Act No. 20 of 2007. Today, GTU is an intellectual destination that draws inspired scholars to its campus, keeping GTU at the nexus of ideas that challenge and change the world.

Our education empowers individuals to challenge conventional thinking in pursuit of original ideas. With a commitment to free and open inquiry, our scholars work transform the way we understand the world, advancing – and creating – fields of study.



# **GUJARAT TECHNOLOGICAL UNIVERSITY**

INTERNATIONAL INNOVATIVE UNIVERSITY

Accredited with A+ grade by NAAC



## Why is Diploma Engineering Best After 10<sup>th</sup>?

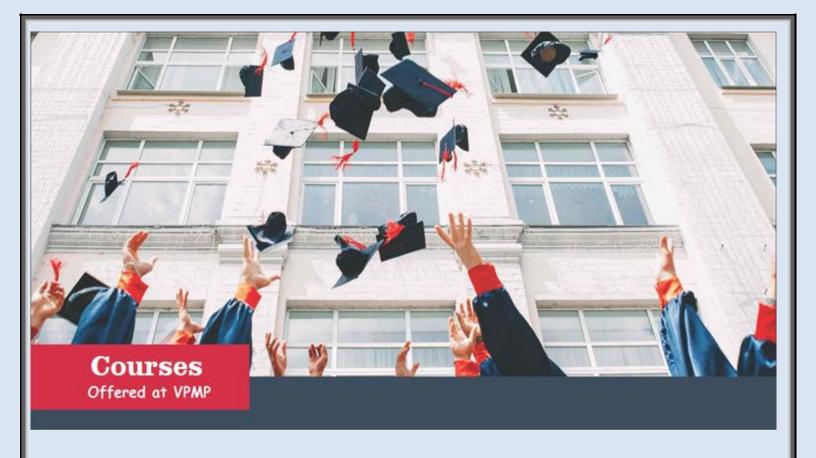
- ✓ **This is a 3 year technical course** which gives the student basic knowledge of engineering and practical training as per the requirement of the industry.
- ✓ Study can be done in Gujarati or English medium.
- ✓ There are maximum chances of getting a job immediately after completing studies. There are also good opportunities in government jobs. (e.g. ONGC, IOCL, BEIL, Railway, BSNL, GSECL, L&T, AM&NS, Amul, T&R, Reliance, TATA etc...)
- ✓ After diploma one can get involved in family business or even start one's own business.
- ✓ Immediately after completing the diploma, you can joint B.E. with the option of D2D (Diploma to Degree), can also be done or job.
- ✓ Diploma holders can easily get admission in D to D without going through any kind of entrance exam.
- ✓ Practical knowledge is given in Diploma while Std. 11-12 are more theory based.
- ✓ In degree engineering, the emphasis is on theory, while in diploma, the emphasis is on practicality.



After diploma, there are more opportunities for study and job abroad.

# Why Diploma is best after 10<sup>th</sup> Std.?

Standard 12 <sup>th</sup> Science	Diploma Engineering
ઘોરણ ૧૦ પછી ૨ વર્ષનું ભણતર. After 10 <sup>th</sup> Standard 2 Years of Study	<mark>દ્યોરણ ૧૦ પછી ૩ વર્ષનું ભણતર.</mark> After 10 <sup>th</sup> Standard 3 Years of Study
GUJCET / JEE of MISUI.	ધોરણ ૧૦ પાસ કર્યા બાદ મેરીટ મુજબ સીધુ એડમિશન.
Burden of GUJCET / JEE	After Passing 10 <sup>th</sup> Standard, Direct Admission Based on Merit
દ્યોરણ ૧૨ નાપાસ / ઓછા ટકા બાદ મર્ચાદિત ફિલ્ડ સિલેકશન. After 12 <sup>th</sup> Standard Fail / Less Percentage There Are Limited Field Options	ડીપ્લોમાં બાદ ડીગ્રી ઇજનેરી અથવા નોકરી અથવા પોતાનો વ્યવસાય કરવાનો મોકો. After Passing Diploma Engineering, There are Chances of Job or Own Business
ઘોરણ ૧૨ પાસ કર્યા પછી કારકિર્દી ને લગતી સારી જોબ મળતી નથી. After Passing 12 <sup>th</sup> Standard, Can't Get Better Job	ડીપ્લોમાં ઇજનેર બન્યા બાદ સરકારી નોકરી અથવા સારી કંપનીમાં નોકરી અથવા પોતાનો વ્યવસાય કરવાની તક. After Passing Diploma Engineering, There are Chances of Government Job,
ઘોરણ ૧૦ પાસ કર્યા પછી = ૧૧-૧૨ સાયન્સ (૨ વર્ષ) + ડીગ્રી ઇજનેરી (૪ વર્ષ) = કુલ ૬ વર્ષ એટલે કે વિદ્યાર્થીની ઉમર ૨૨ થી ૨૩ વર્ષ થાય ત્યાર બાદ નોકરી અથવા વ્યવસાય કરવાની તક. After Passing 10 <sup>th</sup> Standard Degree Engineering Takes 6 Years = 11-12 Science (2 Years) + Degree Engineering (4 Years), Means Students Can Do Job Or Start Own Business After Completing 22 to 23 Years	Private Sector Job or Own Business  દોરણ ૧૦ પછી ૩ વર્ષ કીપ્લોમા એટલે કે વિદ્યાર્થીની ઉમર ૧૯ થી ૨૦ વર્ષ થાઇ ત્યાર બાદ જરૂર હોય તો સરકારી નોકરી અથવા સારી કંપનીમાં નોકરી અથવા વ્યવસાય કરી શકે છે.  After Passing 10 <sup>th</sup> Standard, Diploma Engineering Takes 3 Years, Means Students can do Job or Start Own Business After Completing 19 to 20 Years.
ડીગ્રી ઇજનેર બનવા દોરણ ૧૦ પછી લગતા કુલ વર્ષ = ૧૧-૧૨ સાયન્સ (૨ વર્ષ) + ડીગ્રી ઇજનેરી (૪ વર્ષ) = કુલ ૬ વર્ષ	ડીગ્રી ઇજનેર બનવા ઘોરણ ૧૦ પછી લાગતા કુલ વર્ષ = ડીપ્લોમાં (૩ વર્ષ) + ડીગ્રી ઇજનેરી (૩ વર્ષ) = કુલ ૬ વર્ષ
Required Years to be a Degree Engineer = 11 - 12 Science (2 Years) + Degree Engineering (4 Years) = 6 Years	Required Years to be a Degree Engineer With Diploma Engineering = Diploma Engineering (3 Years) + Degree Engineering (3 Years) = 6 Years
૧૧-૧૨ સાયન્સ કરવાથી તે ભણતર ડીગ્રીમાં વધુ ઉપયોગ આવતું નથી. તેમજ ડીગ્રી કરવા માટે સમય પણ બન્ને નો સરખો જ લાગે છે. Study Of 11-12 Science is not That Much Useful into the Degree Engineering and it Also Takes 6 Years to be a Degree Engineer	ડીપ્લોમાં કરવાથી જે બ્રાન્ચમાં ડીગ્રી કરવાની હોય તેનું પાયા નું જ્ઞાન ડીપ્લોમાં એન્જીનીચરીંગમાં મળે છે. Study Of Diploma Engineering Will be Very Useful into Degree Engineering because Basic Concept of Degree Engineering Will be Cover into Diploma Engineering and it Also Takes 6 Years to be a Degree Engineer



# **Diploma Engineering - 3 Years**

Courses	AICTE	EWS Quota
♥ Civil Engineering	120	15
♥ Computer Engineering	180	23
⋄ Electrical Engineering	90	11
♥ Electronics & Communication Engineering	60	7
⋄ Mechanical Engineering	120	<b>1</b> 5

<sup>&</sup>quot;Science can amuse and fascinate us all, but it is engineering that changes the world."

## Why VPMP Polytechnic is best for Diploma Engineering in Gujarat?

Academic Staff: Well-Qualified, Experienced, Industry Linked and Dedicated Academic Staff.  Project-based Learning: Extensive student-corporate interaction through internships and projects.	Academics Monitoring: Continuous assessment of each & every student's progress.  Placement: Well networked with 1000+ industries and excellent placement track record.
Seminars/Workshops: Exposure to cutting-edge technologies through seminars and workshops.	Skill Development Activities: Focus on skill development activities to make students industry-ready.
State-of-the-art Laboratories: Continuous up gradation of laboratories to meet the dynamic industry demands.	Prominent Learning Resources: Providing world-class study material like video lectures, E-notes, presentations, Department wise Website.
World-Class Infrastructure: Explore a myriad of opportunities at the lush green campus.	Co-Curricular Activities: Technical, Non-Technical and Social Events etc.
Extra Activities: E- Lakshya Sports Event, E- Utsav Garba Event, E-Atith Alumni Event, E-Avishkar Project Event Etc	WDC Activities: Food Festival, Women empowerment, Seminars Etc.
<b>Disciplined Environment:</b> CCTV, PTM, Mobile Prohibited in Class & Lab, Campus Security Etc	Sarva Netrutava Program: 5 days residential leadership training program (Lead for Change)
Foreign Exchange Program: Opportunity to study in a foreign country	Skill Development Center: Yamaha, Daiken, Red-hat Linux, IIT Bombay Center, EDC Centre



## SKILL DEVELOPMENT CENTER

SR. NO.	NAME OF CENTER
1	Center of Excellence- YTS- Yamaha India Ltd.
2	Center of Excellence- Daikin Air-conditioning India Pvt. Ltd.
3	Center of Excellence- Red Hat Linux Ltd.
4	PMKVY-IT
5	IIT-BOMBAY Remote Center
6	ISTE Student Chapter
7	Center of Excellence – CNC-VMC – Green KSV

## SKILL DEVELOPMENT COURSE

NO.	NAME OF COURSE	
1	Solar Energy-System and Technology & LED Designing	
2	Industrial Automation & Electrical Wiring	
3	Electrical Domestic Appliances & safety	
4	VMC & CNC Programmer Cum Operator	
5	Computer Networking & Hardware	
6	PCB Design & Simulation	
7	Auto Cad Software Technology	
8	Advance Computer Networking	
9	Internet of things (IOT)	
10	Linux Base Technology	
11	Python Programming	
12	Maintenance of Air-conditioning (AC)	

"Imagination is more important than knowledge."

## Centre for Continuing Education (GTU – CCE):

GTU has set up a Centre for Continuing Education (GTU-CCE) in the month of September 2019 with the objective of providing a platform for specialized certificate courses based on the needs of companies. As per the National Education Policy 2020 (NEP 2020), multidisciplinary learning for individuals across the sciences, social sciences, and humanities, will be increasingly in greater demand. Society needs multidisciplinary and a holistic education across the sciences, social sciences, arts, humanities, and sports for a multidisciplinary world in order to ensure the unity and integrity of all knowledge.

# Courses @ VPMP Polytechnic

Sr. No.	Certificate Course	Duration	Brochure
1	Advanced Course in Refrigeration and Air Conditioning	120 Hrs.	<u>Click</u> <u>Here</u>
2	Design & Fabrication of Solar Panel And LED Light	90 Hrs.	<u>Click</u> <u>Here</u>

## For Registration:

http://cce.gtu.ac.in/Home.aspx

#### Contact us:

079-23245129, 8780099855

#### **Teaching Learning Process @ VPMP**

- 🦴 Teaching in Lecture & Lab as per GTU Curriculum
- ♦ 100% Syllabus Completion
- 🦴 Teaching by Digital Teachings Aids
- ♥ Industrial Visit for Students for Practical Knowledge
- ♥ Technical & Non-Technical Expert Lectures
- ♥ Technical & Non-Technical Seminars
- ➡ Technical Workshops
- Mentoring Activities
- Semedial Teaching Classes
- Aptitude & Technical Quiz Test for competitive Exams
- ♥ *IDP/UDP Projects*



#### **Non-Technical Events @ VPMP**

- Student Internship Training Program.
- Pre-Placement Training Program.
- Woman Development Activities & Program.
- Short Term Certificate Courses.
- Youth Empowerment Program.
- Leadership Training Program.
- \*\* Entrepreneurship Awareness Program.
- Business Counseling Cell By CED
- Community Activities.
- E- Lakshy Sports Event
- E- Avishkar Project Event
- E- Utsav Garba Event
- E- Atithi Alumni Meet
- E- WorldYoga Celebration
- F- Adbhut WDE Event
- E- Aarambh Orientation Program



## **Our Achievements @ VPMP**

#### **Our Achievements**

We've achieved an enviable reputation for research and teaching excellence.



9849 +

Students shown faith in us



20 Acre

World class infrastructure



2400 +

Students Projects



435+

10/10 SPI in GTU result



1449 +

>9 SPI in GTU result



1003+

Placement in Company



250 +

Company visited for placement



250 +

Entrepreneurs



4000+

Student's Internship



200 +

Student's Visit in Industry



300 +

**Expert Lecture** 



100 +

Student's Workshop



## Training & Placement Cell

The training and placement cell at VPMP Polytechnic is well-known for its consistent placement records. We strive to facilitate students in finding jobs that match their Skills sets. T&P Cell also assists students in defining their career goals and attempting to achieve their ambitions through various Pre-Placement activities.

#### **❖** Pre-Placement Activities:

- **✓** Mock Interview
- **✓ Group Discussion & Debates**
- **✓** Aptitude Preparation
- **✓** English Proficiency Improvement Program
- **✓** Technical Workshops / Seminars
- **✓ Internship Programs**
- **✓** Skill Development Activities
- **✓** Personality Development
- **✓ Resume Preparation& Email Writing**

#### **\*** Career Guidance:

- Highlighting articles on departmental notice boards regarding Competitive
   & IndustrialCareer Opportunities.
- Inform students about the available job opportunities in government sectors and off campus drives.
- Arranging Motivational Talks.
- Conducting Psychometric Test.
- Conducting Expectation Management Workshops.

"BGJOBS USUALLY GOTOTHE MENWHO PROVETHER ABILITY TO OUTGROWSMALL ONES"

Track Record of T&P Cell

@ VPMP Polytechnic

200+ Companies
Visited

800+ Students
Placed

1500+ Students
Internship Program

700+ Students

**Entrepreneurship Program** 

2000+ Students

Technical + Aptitude Test

## **Our Recruiters:**



## MOU with Industries:

Industry-institution interaction is prime focus of VPMP and in order to collaborate with industry to promote more effective use of the resources, and provide the enhanced opportunities to students, faculties and society at large, VPMP signed MoUs with several eminent organizations from varied industries.

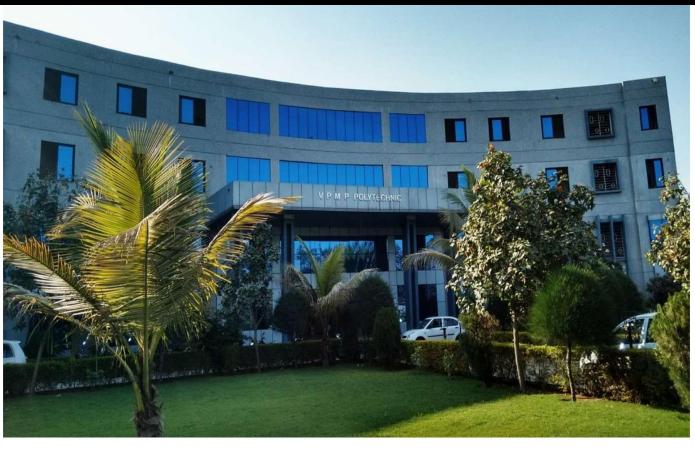
MoU aims at establishing channels of communication and co-operation to promote and advance skill based training, internship, research and development, placement, industry expert sessions, etc.

## More then 20+ MoU with Industry



# Infrastructure @ VPMP Polytechnic

































"The human foot is a masterpiece of engineering and a work of art."

Life @VPMP































**%** Laboratories **%** 





Seminar Hall S





**9** Boys Hostel **9** 





Sirls Hostel S





## Activities @ VPMP Polytechnic







Activities









Activities

























**Activities** 





Activities

Activities

















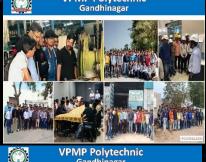
























Activities



VPMP Polytechnic Gandhinagar

VPMP Polytechnic Gandhinagar

VPMP Polytechnic

VPMP Polytechnic Gandhinagar

VPMP Polytechnic Gandhinagar





**Activities** 



# GTU Result @ VPMP Polytechnic

Year 2006 to 2022: 438+ 10 / 10 SPI & 1448+ 9 up SPI in GTU Result (Top 5 Rank in GTU Result)



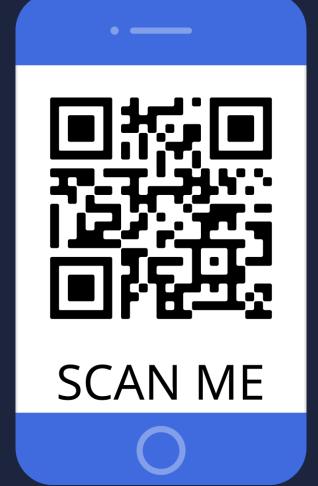
www.vpmp.ac.in





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Follow us and get updates delivered to your favorite social media channel.





# VPMP Polytechnic, Gandhinagar

GTU Code: 654

#### For Admission Inquiry:

Nodal Officer: Mr. Kartik K Patel – 6354006531, 8780099855

#### **Department Coordinators:**

Mr. Dushyant Patel - Mechanical Engg. - 9099063254

Mr. Hiren Patel – Electrical Engg. – 9638442826

Mr. Mayur Patel — Civil Engg. — 9898966362

Mr. Dharmesh Patel– E.C. Engg. – 9428736009

Mr. Jigar Patel – Computer Engg. – 6354443667

Mr. Mehul Patel – H & S Department – 9428676312

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