

DIAMOND JUBILEE

CAMPUS DEVELOPMENT PLAN:

Enhancing Infrastructure, Fostering Excellence at Government Polytechnic, Valsad



Smt. R. R. Shukla,
The Principal, G. P. Valsad

Dr. Amit C. Dhaneshwar,
Convener, Diamond Jubilee Celebration



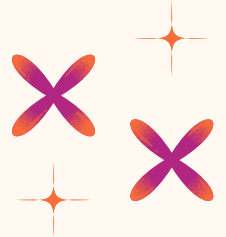
Diamond Jubilee Year 2025

Campus Development Plan

Details

Campus Development Plan of Government Polytechnic, Valsad in Diamond Jubilee Year -2025 with rejuvenation of existing facilities

1.0 Preamble



Government Polytechnic, Valsad a premier educational institution in the South Gujarat is in its Diamond Jubilee year. To mark this landmark in the annals of the college and to reaffirm its commitment to the vision the college, Diamond Jubilee celebrations will be held throughout the year 2025.

With its glorious past and promising future, the College has identified Indian Knowledge System as the theme of this year in tune with implementation of National Education Policy 2020.

Students have a plethora of great ideas to celebrate this milestone! So much has been accomplished in the past 60 years in terms of the college facility like Buildings, classrooms, laboratories, and equipment- education infrastructure, academic program, arts and athletics, enrichment classes, field trips and special events, and the nurturing of a diverse, supportive, and very special community!

The experience of being in this green landscape of Government Polytechnic, Valsad is empowering with its seamless co-existence between nature and man, and between living and learning. The campus vibrates with the positivity endowed by Bharat Ratna Ex Prime Minister of India Late Shri Morarajibhai Desai.

GP Valsad is actually a home away from home for its student and they are learning anything and everything in various dimensions from books, teachers, peers and even college environs.

There is no denying how significant a college is in shaping up a student's personality and holistic learning process. Like an experienced teacher and teaching pedagogy play a critical role in shaping students' academic lives, infrastructure is also vital. It creates a favorable environment for students' holistic development.

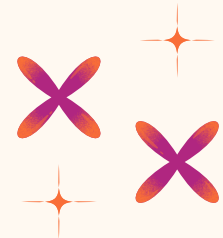
There exists a perception that students in colleges with poor infrastructure can have lower scores than those with access to better infrastructure facilities. This makes school infrastructure a key element in a student's academic as well as holistic growth.

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2.0 NEP 2020

The National Education Policy 2020 enunciates that Quality Higher Education needs to aim to develop good, thoughtful, well-rounded, and creative individuals. HEIs need to enable an individual to study one or more specialized areas of interest at a deep level and also develop character, ethical and constitutional values, intellectual curiosity, scientific temper, creativity, spirit of service, and 21st-century capabilities across a range of disciplines including sciences, social sciences, arts, humanities, languages, as well as professional, technical, and vocational subjects.

3.0 Genesis



Relentless team efforts are required to upgrade level of Government Polytechnic, Valsad to provide quality education to students at par with that available in Best Polytechnics of the Country.

We know the college campus can be more than laboratories that accommodates practical training, classrooms that holds students, and buildings that store books and so on. The campus must be nurturing, inviting as well as stimulating. It should be the physical manifestation of an institution's mission, a reminder of the promise and potential waiting to be unleashed.

Polytechnics are complex and constantly evolving their teaching learning activities. This pressures campus systems to meet the needs of today with flexibility to address the unknown needs of the future. Without campus planning, development can occur haphazardly, resulting in a multitude of problems over time. It can be more with campus development planning.

The campus plan is to:

- Align to the institution's academic and strategic goals
- Maximize use of critical resources
- Incorporate smart growth planning principles
- Enhance safety and wellness

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4.0 Task Force

The Campus Development Plan models future academic activities, explores how these requirements could be implemented on campus and calculates order-of-magnitude space requirements to describe a general direction for Government Polytechnic, Valsad to further develop and improve campus facilities.

To work out campus planning by Institutional employees that is organized into a Diamond Jubilee Celebration committee to submit recommendations to the Principal. These recommendations requires multidisciplinary input from a broad spectrum of stakeholders, both internal (students, faculty, staff, etc.) and external (municipalities, neighbors, etc.).

Members of the Committee for Diamond Jubilee Celebration, Government Polytechnic, Valsad are listed as under :

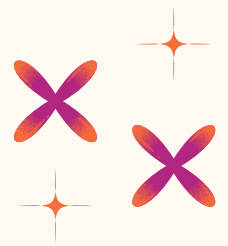
Sr.No.	Name & Designation	Representation in Committee
1.	Dr. A. C. Dhaneshwar (HoD, Chemical Engineering)	Convener
2.	Shri H. B. Patel (HoD, Mechanical Engineering)	Member
3.	Shri V. J. Patel (Administrative Officer)	Member
4.	Dr. N. C. Pandya (I/c HoD, Civil Engineering)	Member
5.	Shri D. P. Patel (Lecturer Mechanical Engineering)	Member
6.	Shri N. G. Patel (Lecturer Mechanical Engineering)	Member
7.	Shri K. N. Patel (Lecturer Plastic Engineering)	Member
8.	Smt. A. A. Thakor (Lecturer Physics)	Member
9.	Ku. N. A. Patel (Lecturer Electrical Engineering)	Member
10.	Ku. K. B. Patel (Lecturer Chemical Engineering)	Member
11.	Shri M. P. Deshpande (Lecturer Chemical Engineering)	Member
12.	Shri P. N. Gavit (Lecturer Applied Mechanics)	Member
13.	Shri N. B. Patel (Senior Clerk)	Member

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5.0 Development Plan

Development plan refers to a plan of action or a set of directives that pivots the institutes towards academic and professional achievement with respect to the diversity of socio cultural traditions, languages, and various aspirations and expectations. Therefore, the emphasis is to avoid a monolithic or single-dimensional approach to quality and standards in higher education. Moreover, it must incorporate learner-centric teaching, knowledge creation, dissemination, and application of skills and knowledge.

5.1 Purpose of the Development Plan



Development Plan is a roadmap to guide directions for the development and/ or improvement of the campus by identifying a number of principles on “how to get there”. Further it is a reference to validate that capital projects and campus development initiatives contribute to the realization of the College’s strategic goals, academic plans and operational objectives. It is also a resource to describe space needs both internally and externally & is flexible enough to permit changes while specific enough to maintain established priorities.

5.2 Process

Every student, employee, alumnus, visitor, and neighbor has ideas to improve the physical campus. The process adopted by the committee was inclusive, integrated, and interactive. There were interviews and meetings with senior academic and administrative staff, student leadership members, faculty representatives, and support staff to get the assessment of existing campus inventory and future requirements for student learner and support spaces. Regular presentations of Findings and Observations to the staff meeting for validation and feedback including Presentation of draft Planning Options.

The campus planning process included:

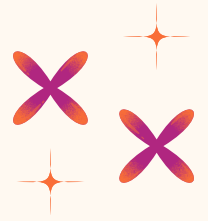
- Identifying stakeholders
- Leveraging conversations with multiple stakeholders
- Building consensus through common understanding
- Balancing opportunities, constraints, and competing demands to identify the best use of campus resources
- Outlining a flexible framework for physical development

5.3 Planning Principles

The committee had considered the following principles for their recommendation of Campus Development Plan.

1. Tinkering and Cosmetic Changes in the Existing System will not work; GP Valsad needs a Rejuvenated Polytechnic Education System.
2. High-quality infrastructure facilitates better instruction, improves student outcomes, and reduces dropout rates, among other benefits.
3. An ad hoc approach to infrastructure investment is problematic.
4. Education in a poor set up leads to intellectual bankruptcy, further jeopardizing the future of youth already subjugated by socio-economic setbacks.

5.4 Broad Requirements



5.4.1 Student Space:

- Highly visible, easily accessible, and comfortably furnished and with wireless capabilities space should be provided in each academic building.
- Space should be provided in each academic building for students to study independently, study in groups, and/or gather socially.
- Not all student space needs to be formal or enclosed.

5.4.2 Faculty Space:

- Appropriate office space should be provided for all faculties, clustered by academic department and proximate to the labs, workshops and classrooms where the faculty teaches most often.
 - Faculty office space needs to include small meeting rooms to enable faculty to meet privately with students.
 - Departmental clusters should be located proximate to the labs, workshops, and classrooms where the faculty teaches most often.
- 5.4 This is particularly important for departments that rely extensively on specialized labs and workshops.

5.4.3 Future Growth:

- GP Valsad is evolving from a suburban institution to an urban one. New buildings need to be taller and use of public transit must be encouraged.
- Site and building design must encourage use of public transit to reduce the amount of land required for parking and roadways for private transportation.
- For buildings which will house specialized functions, the design should incorporate expansion either internally, horizontally or vertically.

6.0 Recommendations

As India's higher education sector charts its course to greater prominence globally, these recommendations aim to ignite transformative growth within GP Valsad to inspire a new era that not only meet the evolving needs of the region but also contribute significantly to the State academic narrative.

Government Polytechnic, Valsad is thriving to evolve and excel within this dynamic educational framework. These recommendations are a culmination of insights, best practices, and collective wisdom gleaned from esteemed stake holders across Valsad.

Acknowledging the diverse challenges and immense opportunities these recommendations present a strategic roadmap tailored to empower GP Valsad to elevate academic standards, foster hands on practice, champion inclusivity along with embracing technological advancements.

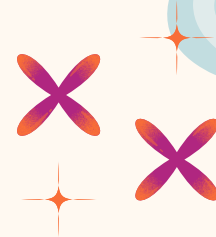
Emphasizing interdisciplinary collaboration, industry alliances, and community engagement, these recommendations advocate for a holistic approach to institutional growth.

The recommendation of committee is depicted below and further each department will work on their set priority in parallel and independently during Diamond Jubilee Year.

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Campus Development Plan

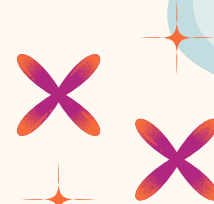
Details of Work



Sr. No.	Brief Description of Work	Cost Estimate (Rs in Lakhs)	Time Estimate (Weeks)
1.	Tall National Flag Pole	3.5	3
2.	Model Smart Class Room with interactive smart board (One per department -9)	30.0	6
3.	Electrical Safety on Instrumentation (earthling)	2.0	2
4.	Sign Board and Name Board	4.0	2
5.	Oxygen Gym	3.0	2
6.	Nakshtra Garden	2.0	2
7.	Low cost rain water harvesting for new administrative building	2.0	2
8.	Science Park	5.0	5
9.	Waste recycling of Plastic Bottles	1.0	1
10.	Iconic Circle Development -near new administrative building	15.0	6
11.	Sprinkler system in Garden	2.0	3
12.	Nutrient Nest for Garden and Campus	2.0	2
13.	Cozy cool corner using waste and natural material	2.0	3
14.	Water proofing by FRP at terrace of Plastic Department	3.0	2
15.	Melamine Bowl with Diamond Jubilee Logo	1.0	2

Campus Development Plan

Details of Work



Sr. No.	Brief Description of Work	Cost Estimate (Rs in Lakhs)	Time Estimate (Weeks)
16.	Green Class, Model/ Part Tree	3.5	4
17.	Electrical Garden	3.5	4
18.	Entrance Gate Make Over	2.5	6
19.	PA system in all Class	2.5	4
20.	Gazebo near Main gate	2.5	4
21.	Up gradation of Seminar Room and Auditorium	5.0	4
22.	Natural cooling System (Civil Engg. Concepts)	7.0	6

7.0 Funding Sources:

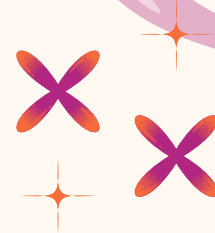
The challenges and demands, which are emerging both inside and outside India and the internationalization of higher education, demand a powerful and concerted response. The commitment of all those involved in the creation, discovery, dissemination, connecting and application of knowledge, augurs well for the fulfillment of a truly Indian approach to the quality and quality assurance of our higher education ecosystems.

Identify and prioritize the existing & additional sources of funding for the development of financial enablers such as government grants, project overheads, research consultancies, patents, alumni donations, private sector partnerships, and fundraising campaigns.

Activity Calendar for celebration of Diamond Jubilee Year considering each activity is value addition to DJ Celebrations.

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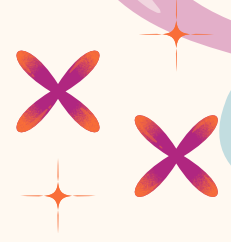
Activity Calender



Sr. No.	Activity
1.	Medical Camp- Blood Donation
2.	Educational Supplement like Notebook, Pen, Pencil, Tool kit, stationary items to EWS and Girls Student
3.	NSS Camp to Village
4.	Food Carnival
5.	3 days Meditation Shibir
6.	RTO Awareness Activities
7.	Sports Week
8.	International Women's Day (8 March)
9.	World Sparrow Day (20 March) Distribution of nest, awareness and environment impact
10.	Re Union Meeting for the pass out batch after 2016
11.	DI Course preparation using DACUM Technique (Supplementing Finishing School)
12.	Alumina Meet
13.	Re Union Meeting for the pass out batch between 2006 to 2015
14.	Felicitation of Past teaching and non-teaching contributors of GP Valsad
15.	ACPDC and NEP awareness Program in all Talukas of Valsad District
16.	Re Union Meeting for the pass out batch between 1996 to 2005
17.	Tree Plantation Drive
18.	Youth Festival on occasion of Vishwa Adivasi Divas (9 August)

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Activity Calender



Sr. No.	Activity
19.	Re Union Meeting for the pass out batch between 1986 to 1995
20.	National Engineers Day
21.	Principal Conference under NEP
22.	Re Union Meeting for the pass out batch between 1965 to 1985
23.	Report Publication of DJ Celebration
24.	SSIP (Student Startup & Innovation Policy) Activities

8.0 Our Diamond Jubilee Giving Day

GOAL: 1.25 Cr (Inclusive of cash and in Kind gifts)

All donations received during the year 2025 will be counted toward the Diamond Jubilee Giving Day goal. Gifts will be credited to annual giving and donors will be recognized on the college website and future publications.

9.0 Diamond Jubilee Promotional Accessories

Memento, T-Shirt, Cap, Blazer, Scarf, Wrist Band, Key-Chain, Badge, Pen, Writing Pad, Jute Bag etc.

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