

**CYCLE 1** 



INSTITUTE OF THEM

S.P.B.PATEL

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**NAAC Accreditation 2023** 

# **Green Campus Initiatives**



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL



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#### **Green Campus Initiatives**

"Embracing green campus initiatives is paramount for institutes like ours, as they not only embody our commitment to environmental stewardship but also yield myriad benefits ranging from improved health and well-being to enhanced reputation and leadership. At S.P.B. Patel Engineering Institute, sustainability is at the forefront of our mission, evident in our diverse array of eco-conscious practices.

From maintaining a tobacco-free campus to promoting a pure vegetarian dining experience, we prioritize the health and welfare of our community while minimizing our ecological footprint. Our dedication to green landscaping, exemplified by our lush community garden and carefully curated plantings, not only beautifies our surroundings but also fosters biodiversity and environmental education.

Furthermore, our conscientious use of LED lighting technology underscores our commitment to energy efficiency, providing long-lasting illumination while reducing electricity consumption and associated greenhouse gas emissions. Through these initiatives, we not only mitigate our environmental impact but also set a precedent for sustainable practices within the academic community.

At S.P.B. Patel Engineering Institute, our green campus initiatives extend beyond individual actions to encompass a holistic approach to sustainability, reflecting our unwavering dedication to creating a healthier, more sustainable future for all."



#### 1. No Smoking on campus/Tobacco Free Campus:

To bolster our green campus initiatives, S.P.B. Patel Engineering Institute proudly upholds a tobacco-free policy, prohibiting smoking and the use of tobacco products anywhere on our premises. This commitment not only fosters a healthier environment for our community but also aligns with our dedication to sustainability and well-being.





#### 2. Institute community Garden

As part of our ongoing commitment to environmental stewardship, S.P.B. Patel Engineering Institute has established a vibrant community garden within our campus grounds. This initiative not only enhances the aesthetic appeal of our surroundings but also promotes biodiversity and serves as a focal point for sustainability education and community engagement. Our dedication to green landscaping extends beyond the garden, with meticulously curated plantings of trees and native flora throughout the campus, earning us numerous accolades and certifications for our efforts in environmental conservation.





#### 3. Pure vegetarian campus

As a cornerstone of our green campus initiatives, S.P.B. Patel Engineering Institute proudly operates as a pure vegetarian campus, serving exclusively vegetarian cuisine in our institute mess and cafeteria. This dietary choice not only promotes individual health and well-being but also aligns with our commitment to environmental sustainability. By embracing vegetarianism, we reduce our ecological footprint, conserve resources, and mitigate the environmental impacts associated with meat production.

Furthermore, our vegetarian policy reflects our ethical considerations regarding the treatment of animals, supporting compassion and respect for all living beings. Beyond its environmental and ethical dimensions, vegetarianism embodies a broader lifestyle choice rooted in mindfulness and sustainable living practices.

At S.P.B. Patel Engineering Institute, our dedication to a pure vegetarian campus extends beyond culinary preferences; it represents a conscious effort to foster a greener, healthier, and more compassionate campus community.





#### 4. Restricted entry of vehicles/ Parking Facility outside campus

At the main gate of the college, visitors' entry register is maintained that records the vehicle license number of all visitors.

At S.P.B. Patel Engineering Institute, we are dedicated to fostering a sustainable campus environment. As part of our green initiatives, we have established a well-organized parking facility outside our campus premises with allotted parking spaces for vehicles. This system ensures efficient utilization of parking resources while minimizing congestion and promoting a clean and orderly campus.

By providing designated parking areas, we encourage responsible vehicle usage and streamline traffic flow within and around our campus. Moreover, we actively promote the use of eco-friendly transportation options such as carpooling, cycling, and public transit to further reduce our environmental impact. We also provide travelling.

At S.P.B. Patel Engineering Institute, in addition to our allotted parking facility, we also provide convenient travel options for students through our dedicated bus services, further encouraging sustainable transportation choices and reducing individual carbon footprints."

At S.P.B. Patel Engineering Institute, our commitment to sustainability extends beyond academic pursuits to encompass every aspect of campus life. Through thoughtful planning and implementation, we strive to create a harmonious balance between modern convenience and environmental responsibility."









# 5. Use of LED

As a step towards energy saving, the total lightings of classrooms, labs, and hostel are replaced with LED panels.

At S.P.B. Patel Engineering Institute, we are dedicated to reducing our environmental impact through energy-efficient practices, exemplified by our widespread adoption of LED lighting technology across classrooms, laboratories, and hostel facilities. By transitioning to LED panels, we not only enhance the quality of illumination but also realize a multitude of benefits that contribute to our green campus initiatives.

LED lights boast an impressive lifespan, significantly surpassing traditional lighting sources, thereby reducing the frequency of replacements and associated waste. Their exceptional energy efficiency translates to substantial reductions in electricity consumption, aligning with our commitment to sustainability and resource conservation.

Furthermore, LED lights offer superior brightness and intensity, ensuring optimal visibility for academic activities while maintaining a low radiated heat output, enhancing comfort and safety within our campus environment. With an exceptional color range and directional lighting capabilities, LED technology enhances the aesthetic appeal of our facilities while providing reliable and instantaneous illumination when needed.

At S.P.B. Patel Engineering Institute, our investment in LED lighting represents more than just an energy-saving measure; it reflects our dedication to creating a greener, more sustainable campus for the benefit of our community and future generations.

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#### 6. Swachh Bharat Abhiyan

Inspired by the national Swachh Bharat Abhiyan, S.P.B. Patel Engineering College has launched a transformative Clean and Green Campus Initiative. Rooted in our commitment to environmental stewardship, this initiative focuses on cultivating a culture of cleanliness and sustainability within our college community. Through targeted efforts, including waste segregation, recycling education, and composting demonstrations, we aim to not only beautify our campus but also promote responsible waste management practices. By fostering a sense of pride and responsibility among our students and faculty, we strive to create a campus environment that embodies the principles of a Swachh and Swasth Bharat.









## 7. Tree Plantation

At S.P.B. Patel Engineering College, we are passionate about nurturing a campus environment that reflects our commitment to sustainability and environmental stewardship. With this in mind, we are excited to announce the launch of our Tree Plantation Initiative, a concerted effort to transform our campus into a verdant oasis of greenery and life.

Our vision goes beyond mere aesthetics; it encompasses a profound understanding of the vital role that trees play in sustaining life on Earth. Through this initiative, we seek to create not only a visually appealing landscape but also a thriving ecosystem that supports biodiversity, improves air quality, and mitigates the impacts of climate change.

By actively involving our college community in tree planting activities, we aim to cultivate a deeper connection with nature and instill values of environmental responsibility and stewardship. Through hands-on participation, students, faculty, and staff alike will have the opportunity to contribute directly to the growth and development of our green campus.

Each sapling planted represents a symbol of hope and renewal, as well as a tangible investment in a more sustainable future. As these trees mature and flourish, they will serve as a living testament to our collective efforts to create positive change in our environment and society.



























### 8. Plastic Drive

At S.P.B. Patel Engineering College, we are committed to fostering a campus environment that prioritizes sustainability and environmental responsibility. As part of our ongoing Clean and Green Campus Initiative, we are launching a dedicated Plastic Reduction Campaign to address the pervasive issue of plastic pollution.

Through this initiative, we aim to significantly reduce the use of single-use plastics on our campus and promote sustainable alternatives. Our efforts will include implementing plastic-free policies, providing reusable alternatives for everyday items, and organizing awareness campaigns to educate our college community about the environmental impacts of plastic pollution.

By mobilizing students, faculty, and staff to embrace eco-friendly practices and reduce their reliance on plastic, we aspire to create a campus that serves as a model of sustainability for the wider community. Together, we can make a tangible difference in protecting our planet and ensuring a cleaner, greener future for generations to come.











S. P. B. PATEL ENGINEERING COLLEGE