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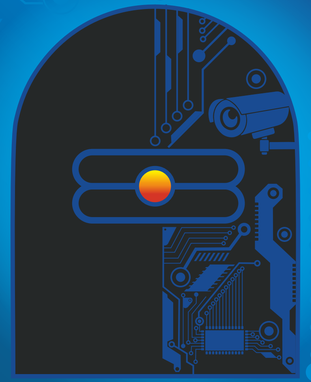

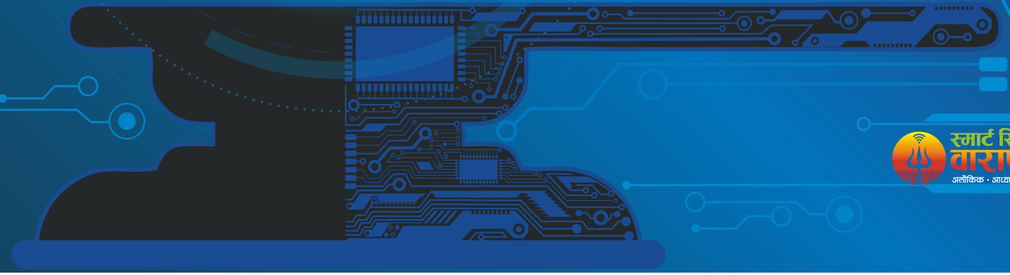

kashi

A journey to Spritual modernization

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Banaras

Spritual modernization

सत्यमेव जयते

प्रधान मंत्री

संदेश

मुझे यह जानकर अत्यंत प्रसन्नता हो रही है कि जिला प्रशासन वाराणसी तथा पर्यटन विभाग उत्तर प्रदेश सरकार द्वारा प्रवासी भारतीय दिवस के अवसर पर 'काशी - मेरी काशी, बदलती काशी' पुस्तक का प्रकाशन कराया जा रहा है।

प्राचीन भारतीय आध्यात्म तथा दर्शन में जल का एक विशेष महत्त्व रहा है। वाराणसी के सन्दर्भ में भी यह प्रासंगिक है, क्योंकि माँ गंगा के तट पर स्थित वाराणसी का नाम दो नदियों - वरुणा व अस्सी - के नाम पर पड़ा है, साथ ही वाराणसी शहर माँ गंगा के किनारे पर ही स्थित है।

वाराणसी का भारतीय सांस्कृतिक विरासत में एक विशिष्ट स्थान है। यह नगर सात प्रमुख आध्यात्मिक एवं पवित्र स्थानों में से एक है। हज़ारों श्रद्धालु अपनी आध्यात्मिक शुद्धि के लिए प्रतिदिन माँ गंगा के घाटों पर आते हैं, इससे वाराणसी एक पर्यटन का केंद्र बन गया है। इस गौरवमयी प्राचीन विरासत के साथ साथ नगर में आधुनिकता एवं उद्योगों का भी विकास हो रहा है। वर्तमान में पर्यटन, व्यापार एवं विकास कार्यों के कारण वाराणसी का स्वरूप परिवर्तित हो चुका है।

वाराणसी द्वारा इस वर्ष प्रवासी भारतीय दिवस का आयोजन किया जा रहा है। इस अवसर पर पूरे विश्व से वाराणसी की आध्यात्मिकता का अनुभव करने आने वाले भारतीयों का मैं स्वागत करता हूँ।

मुझे पूर्ण विश्वास है कि इस अवसर पर आने वाली कॉफ़ी टेबल बुक वाराणसी के बदलते स्वरूप को प्रस्तुत करेगी। 'काशी - मेरी काशी, बदलती काशी' के सफल प्रकाशन हेतु मेरी हार्दिक शुभकामनाएँ।

नई दिल्ली
जनवरी २०१९

(नरेन्द्र मोदी)

मुख्यमंत्री

संदेश

मुझे यह जानकर अत्यंत प्रसन्नता की अनुभूति हो रही है कि जिला प्रशासन वाराणसी तथा पर्यटन विभाग उत्तर प्रदेश द्वारा 'प्रवासी भारतीय दिवस 2019' के अवसर पर कॉफी टेबल बुक 'काशी - मेरी काशी, बदलती काशी' का प्रकाशन किया जा रहा है।

बाबा विश्वनाथ की नगरी के रूप में संपूर्ण विश्व में प्रसिद्ध काशी, सदैव से धर्म और अध्यात्म का केंद्र रही है। काशी के कण-कण में संस्कार और संस्कृति है। प्राचीन काल से यह नगरी भारतीय संस्कृति एवं परंपरा को अपने अस्तित्व में संजोए हुए है। पुराणों में इसे मुक्ति दायिनी कहा गया है। दर्शन शिक्षा साहित्य संगीत कला आदि विभिन्न क्षेत्रों में इस नगरी का महत्वपूर्ण योगदान है।

आदरणीय प्रधानमंत्री श्री नरेंद्र मोदी जी संसद में वाराणसी का प्रतिनिधित्व करते हैं। उनके मार्गदर्शन में केंद्र सरकार और राज्य सरकार काशी को ऐसे आधुनिक नगर के रूप में विकसित कर रही है, जिसकी आत्मा पुरातन किंतु काया नवीनतम होगी। काशी की मौलिकता संजोते हुए वाराणसी का बहुआयामी विकास सुनिश्चित किया जा रहा है।

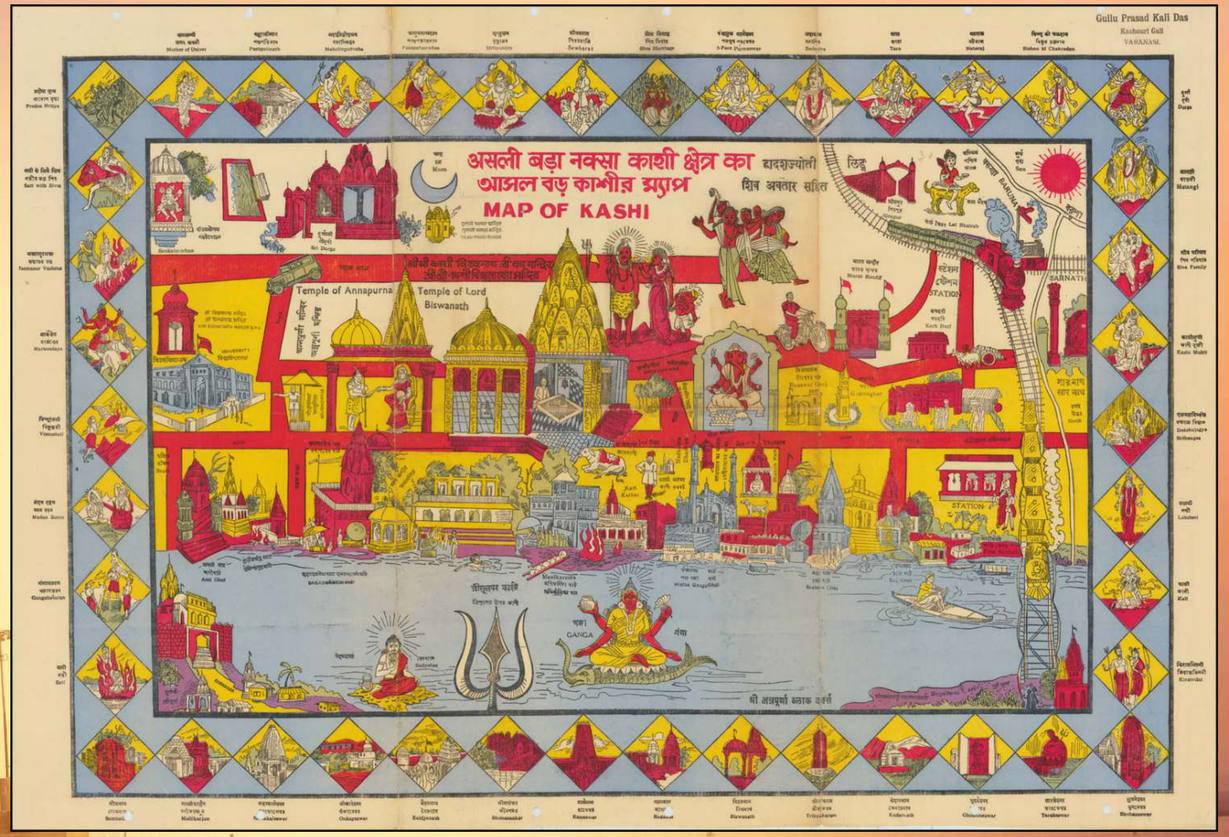
आदरणीय प्रधानमंत्री जी की पहल पर काशी को प्रवासी भारतीय दिवस 2019 का आतिथ्य प्रदान करने का सौभाग्य प्राप्त हो रहा है। इस आयोजन में सम्मिलित हो रहे समस्त प्रवासी भारतीयों का मैं हार्दिक स्वागत एवं अभिनंदन करता हूं।

मुझे आशा है कि इस अवसर पर प्रकाशित की जा रही कॉफी टेबल बुक में काशी की गौरवशाली विरासत तथा आधुनिक विकास से संबंधित संग्रहणीय सामग्री का समावेश किया जाएगा।

कॉफी टेबल बुक 'काशी - मेरी काशी, बदलती काशी' के उद्देश्यपरक प्रकाशन हेतु मेरी हार्दिक शुभकामनाएँ।

(योगी आदित्यनाथ)

चौसट्टी घाट
CHOUSATTI GHAT
चौसट्टी


Gullu Prasad Kali Das
Kashmir Gali
VARANASI
असली बड़ा नक्सा काशी क्षेत्र का
आसल बड़ काशीर म्याप
शिव अवतार सहित
MAP OF KASHI
Temple of Annapurna
Temple of Lord Biswanath
STATION
SARNATH
GANGA
श्री अन्नपूर्णा ब्लाक दर्ज

Content

Content

Modernizing Kashi as a smart city

Modernizing Kashi as a smart city involves implementing innovative technologies and solutions to enhance the quality of life for its residents, promote sustainable development, and improve the efficiency of urban services. Here are some areas and initiatives that could be considered for transforming Kashi into a smart city

"Transforming Kashi Into Smart city Kashi, also known as Varanasi, holds a unique position in India's rich cultural and spiritual tapestry. As one of the oldest and holiest cities, it has drawn pilgrims and tourists from around the world. However, Kashi has not been immune to the challenges faced by many growing cities: congestion, pollution, inadequate infrastructure, and the absence of essential amenities. In response to these challenges, the Indian government introduced the Smart City Mission in 2015, selecting Kashi as one of the 100 cities to be transformed into a modern, efficient, and livable smart city.

The core objective of the Smart City Mission is to enhance the quality of life for Kashi's residents by revamping urban planning, governance, mobility, environment, and technology. The Varanasi Smart City Limited (VSCL) was established to spearhead various projects and initiatives. Here are some notable achievements of VSCL

International Convention Center 'Rudraksh': This state-of-the-art facility is designed for hosting national and international events, conferences, exhibitions, and cultural programs. Its unique design in the shape of a Shiva linga symbolizes its spiritual significance. This remarkable center was inaugurated by prominent figures in July 2021.

Namo Ghat : This project aims to revamp Khirkiya Ghat, one of Kashi's most iconic landmarks. It involves beautification, facade lighting, information signage, free Wi-Fi, charging stations for electric buses, a handicrafts market, and more. Completion is expected by March 2024.

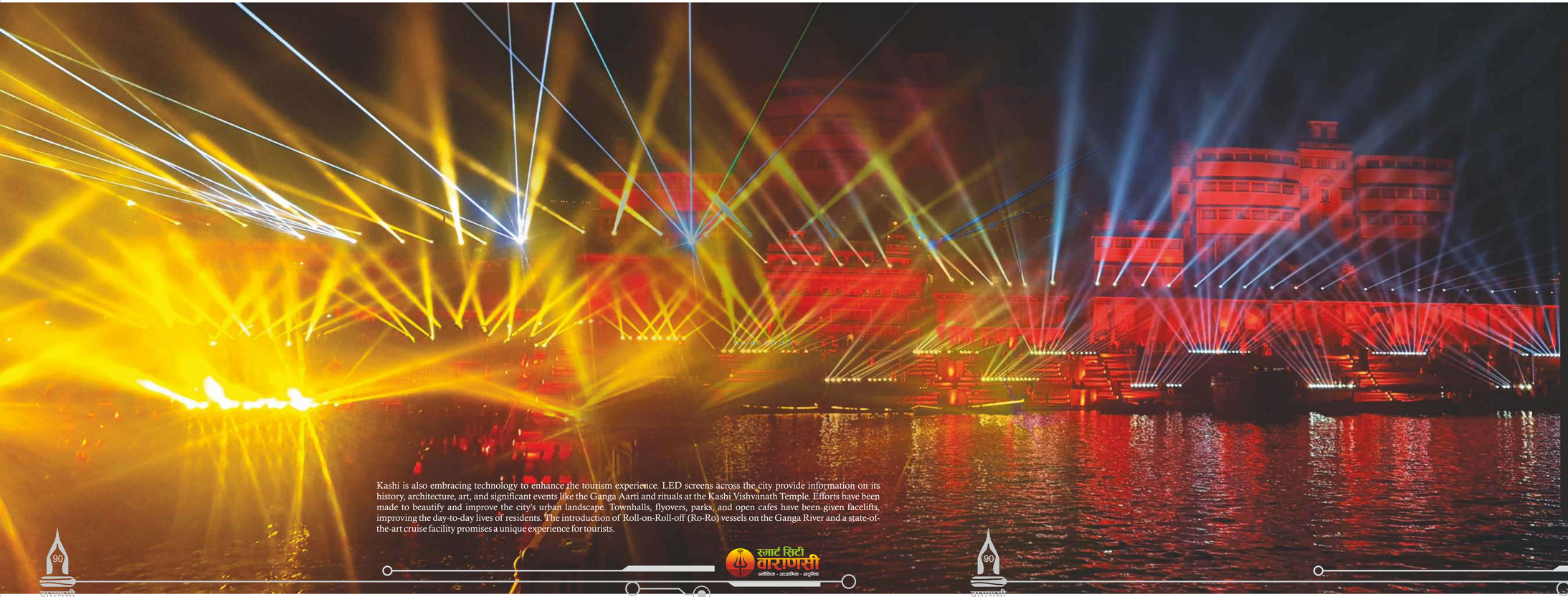
Integrated Command and Control Center (ICCC) : This centralized system efficiently monitors and manages various aspects of the city, including traffic, security, sanitation, and public services, utilizing cutting-edge technologies like CCTV cameras, sensors, and GIS mapping.

Rejuvenation of Schools : The initiative has enhanced the infrastructure and quality of education in government schools in Kashi. Renovations include new classrooms, digital facilities, libraries, and training for teachers and students in digital literacy and life skills.

Revitalization of Streets and Mythological Ponds : This effort enhances the aesthetic appeal and functionality of streets and ponds in Kashi. It involves beautification, improved drainage, street lighting, benches, dustbins, and the restoration of historically significant ponds.

These projects exemplify the transformation that Kashi is undergoing as part of the Smart City Mission. This mission not only addresses the city's fundamental needs but also preserves its ancient heritage and culture. Kashi now serves as a model for other cities, both in India and worldwide.

The transformation goes beyond physical infrastructure. It extends to advanced systems like the Integrated Command and Control Center, which plays a crucial role in managing traffic, security, and responding to emergencies. During the COVID-19 pandemic, this center proved invaluable as a coordination hub for various administrative departments.



Kashi is also embracing technology to enhance the tourism experience. LED screens across the city provide information on its history, architecture, art, and significant events like the Ganga Aarti and rituals at the Kashi Vishvanath Temple. Efforts have been made to beautify and improve the city's urban landscape. Townhalls, flyovers, parks, and open cafes have been given facelifts, improving the day-to-day lives of residents. The introduction of Roll-on-Roll-off (Ro-Ro) vessels on the Ganga River and a state-of-the-art cruise facility promises a unique experience for tourists.

Kashi's Smart City project is not just about technology; it is about harmonizing tradition and modernity, spirituality and development. The vision for Kashi, driven by PM Modi, is to create a city that is not only smart but also a living testament to the blend of ancient and contemporary, drawing pilgrims, tourists, and admirers from all corners of the world.

This transformation has earned Kashi recognition, including the Best City Award and Best E-Governance Project Award, confirming its status as a model smart city that embodies the qualities of being picturesque, improved, pure, planned, safe, and unified.

The vision for Kashi's smart city project is to embrace technology to enhance the city's socio-economic growth while preserving its ancient characteristics. It represents a harmonious fusion of tradition and modernity, spirituality and development. Kashi, which attracts millions of tourists and pilgrims every year, is rapidly evolving into a unique smart city that balances its rich cultural heritage with modernity. The transformation extends to its spiritual experiences, improved urban infrastructure, and advanced technological systems.

Kashi's transformation includes the revitalization of its iconic Ganga ghats, making them more accessible and attractive. The city's ancient charm is being preserved while integrating advanced technology for better governance and services. The Varanasi Smart City project is creating a dynamic and efficient urban environment, setting a high standard for other cities in India and globally to follow.

Kashi's unique smart city development plan focuses on maximizing the 'Kashi Experience,' ensuring that it remains a global destination while providing a high quality of life for its residents. With a range of technological advancements, infrastructure improvements, and the preservation of its cultural heritage, Kashi is poised to shine as a model smart city."

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Varanasi Smart City Vision

Unveiling a Path to a Modern and Culturally Enriched Future

Varanasi Smart City Limited (VSCL), established as a Special Purpose Vehicle on October 29, 2016, under the guidance of the Ministry of Housing and Urban Affairs (MoHUA), Government of India, is on a mission to transform Varanasi through the Smart City Mission (SCM). The mission entrusted to VSCL is not merely about technology but rather an endeavor to uplift the citizens and elevate the city's infrastructure and living standards while preserving Varanasi's rich cultural heritage.

"the smart city, so as to enhance the creation of more smart cities."

VSCL's vision encompasses eight main objectives:

1. City of Temples Redeveloped: Transforming Varanasi into a global epicenter of culture and tourism while conserving its rich heritage.

2. Rejuvenating Kashi: Elevating the city of lights into a sustainable global hub of culture, heritage, and spirituality, improving quality of life.

3. Heritage Preservation: Enriching the spiritual, cultural, and eternal value of Kashi for the next generation's benefit.

4. Livable and Lovable Banaras: Creating a city that enriches cultural heritage, education, and economic growth, making it a vibrant and endearing place to live.

5. Technological Environmental Management: Using technology to ensure sustainable growth while preserving the city's socio-cultural, religious, and traditional fabric.

6. Holy, Happy, Healthy, Educated, Clean, Green, and Sustainable Kashi: Striving to make Varanasi a place that embodies these qualities.

7. A Grand Scale of Hindu Religion: Aspires to make Varanasi as important to the Hindu religion as Vatican is to the Christian religion, with the Ganga and Ghats as the most scenic places in the world, characterized by world-class cleanliness, greenery, infrastructure, education, and medical facilities.

8. Urban Planning for Quality of Life: Promoting a decentralized system and incentivizing innovative land use to foster an environment of Ganga for sustainable growth, facilitating the transition from the old city to the new city through the use of technology.

Varanasi's Smart City Vision encompasses not only the integration of modern technology but also a deep respect for its cultural heritage, making it a beacon of progress that respects its roots.

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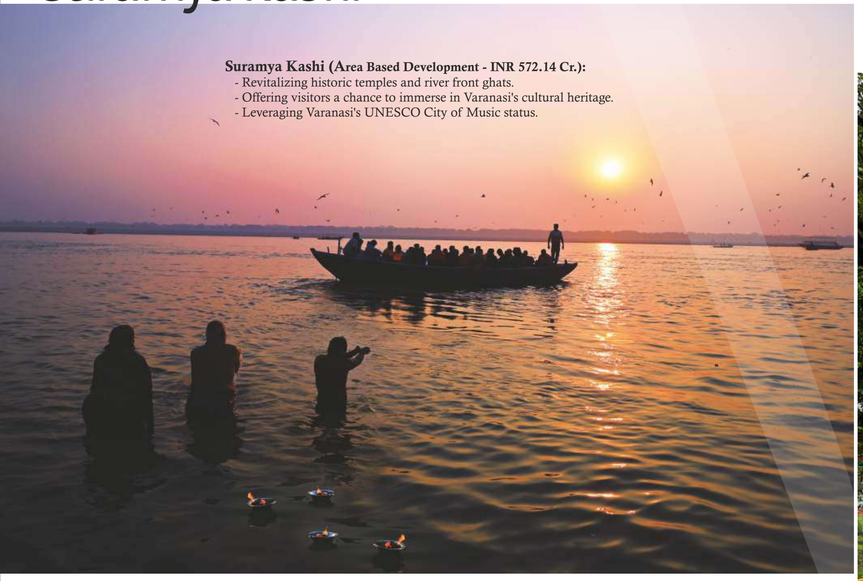
VSCL's vision for Varanasi comprises "Six Key Pillars," each aimed at reshaping the city's future:

Suramya Kashi

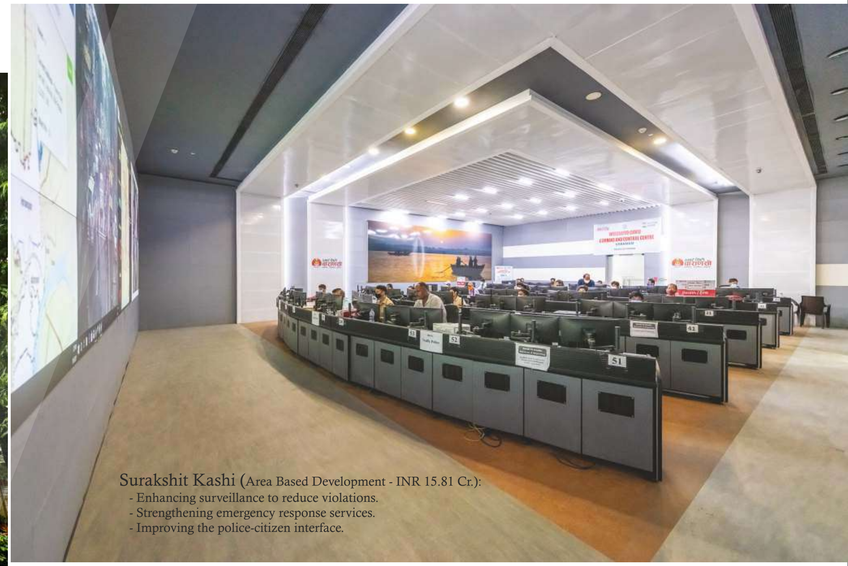


Suramya Kashi (Area Based Development - INR 572.14 Cr.):
- Revitalizing historic temples and river front ghats.
- Offering visitors a chance to immerse in Varanasi's cultural heritage.
- Leveraging Varanasi's UNESCO City of Music status.

Nirmal Kashi

Nirmal Kashi (Area Based Development - INR Cr.):
- Renovating sacred water bodies and parks.
- Providing sustainable solid waste management solutions.
- Promoting eco-friendly initiatives like green rooftops and rainwater harvesting.

Surakshit Kashi

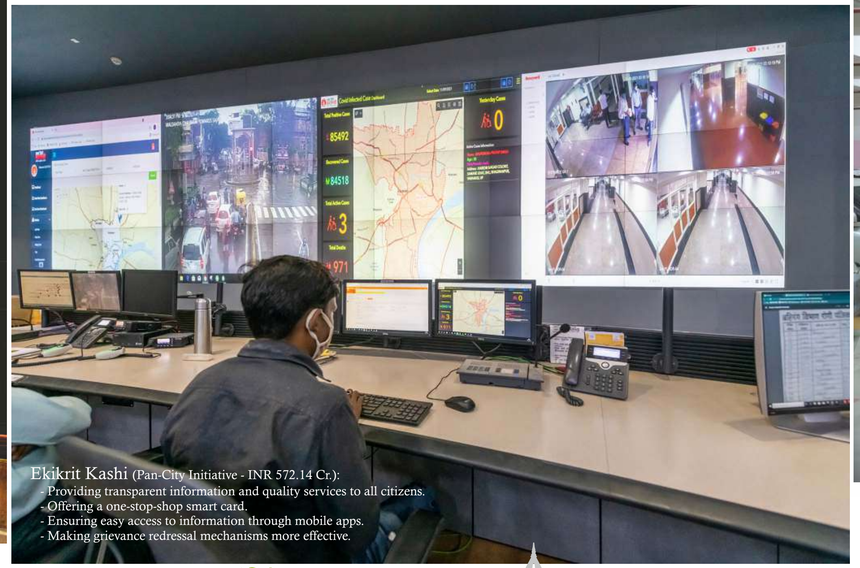


Surakshit Kashi (Area Based Development - INR 15.81 Cr.):
- Enhancing surveillance to reduce violations.
- Strengthening emergency response services.
- Improving the police-citizen interface.

Samunnat Kashi

Samunnat Kashi (Area Based Development - INR 1209.84 Cr.):
- Establishing a Skill Development Centre for a skilled workforce.
- Promoting local artifacts through market linkages.
- Supporting street vendors while decongesting streets.
- Encouraging R&D and innovation.
- Implementing smart technologies to benefit local boatmen and e-Rickshaw drivers.
- Enhancing healthcare facilities.

Ekikrit Kashi



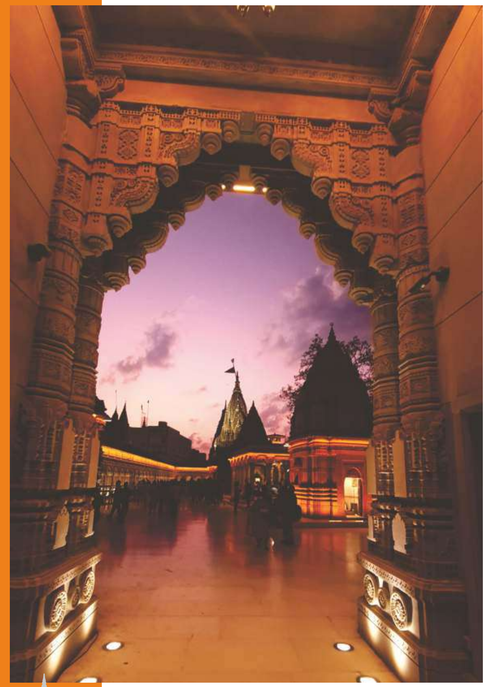
Ekikrit Kashi (Pan-City Initiative - INR 572.14 Cr.):
- Providing transparent information and quality services to all citizens.
- Offering a one-stop-shop smart card.
- Ensuring easy access to information through mobile apps.
- Making grievance redressal mechanisms more effective.

Sanyojit Kashi

Sanyojit (Pan-City Initiative - INR 737.39 Cr.):
- Creating multi-modal transportation hubs.
- Integrating traffic management systems with CCTV surveillance.
- Offering multi-level smart parking to reduce congestion.
- Introducing e-rickshaws for clean last-mile connectivity.
- Developing waterways as an alternative mode of transportation.

These six pillars form the foundation of Varanasi's journey towards becoming a Smart City. The city administration and its residents share a collective belief that these solutions, when successfully implemented, will unlock the true potential of the people and Varanasi's ancient heritage.

Shri Kashi Vishvanath Mandir



"Introduction Nestled on the western banks of the sacred Ganges River, Varanasi, also known as Kashi, has been a spiritual epicenter and a cradle of Indian civilization for thousands of years. At the heart of this ancient city stands the revered Kashi Vishwanath Temple, dedicated to Lord Shiva, attracting millions of devotees annually. The temple's historical significance and religious importance have made it an integral part of the cultural fabric of India. The Shri Kashi Vishwanath Temple in Varanasi is one of the most significant and revered temples holds immense cultural and religious significance for Hindus worldwide. It is considered a pilgrimage site and attracts millions of devotees every year.

The temple complex also includes other significant shrines and structures such as the Manikarnika Ghat, and theVishalakshi Temple, further enhancing its religious and cultural importance.. The inclusion of the Shri Kashi Vishwanath Temple as a Jyotirlinga signifies its importance as a divine abode of Lord Shiva. It highlights the significance of Varanasi, also known as Kashi, as a sacred place where devotees can seek the blessings and grace of Lord Shiva.

Prime Minister Narendra Modi's Vision:

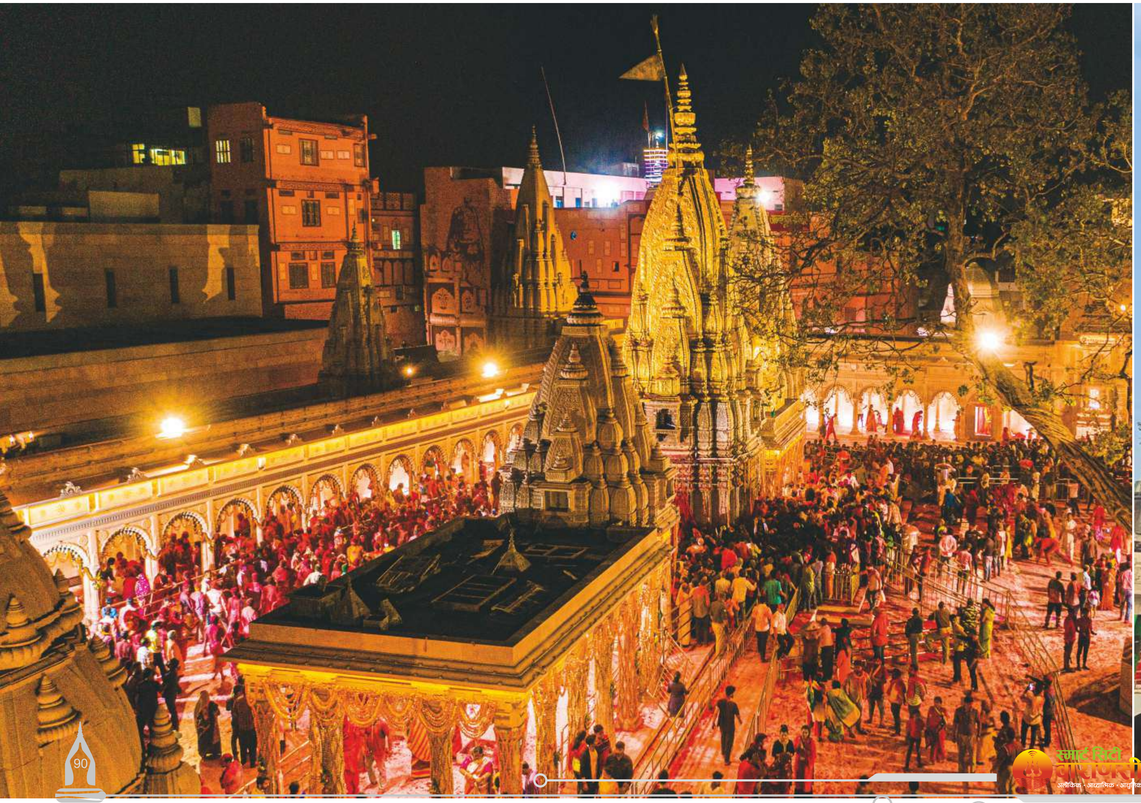
Recognizing the cultural and religious significance of Kashi Vishwanath Temple and the need to provide a seamless pilgrimage experience, he envisioned the transformation of Varanasi into a world-class spiritual and cultural hub. The Shri Kashi Vishwanath Corridor project wasconceptualized as part of this vision, with the aim of rejuvenating the temple complex and its surrounding areas.The Government of India, along with the state government of Uttar Pradesh, initiated acomprehensive revitalization and conservation project known as the ""**Kashi VishwanathDham Project.**"" The project aimed to redevelop the temple complex, enhance visitor facilities, and preserve its architectural and cultural heritage.

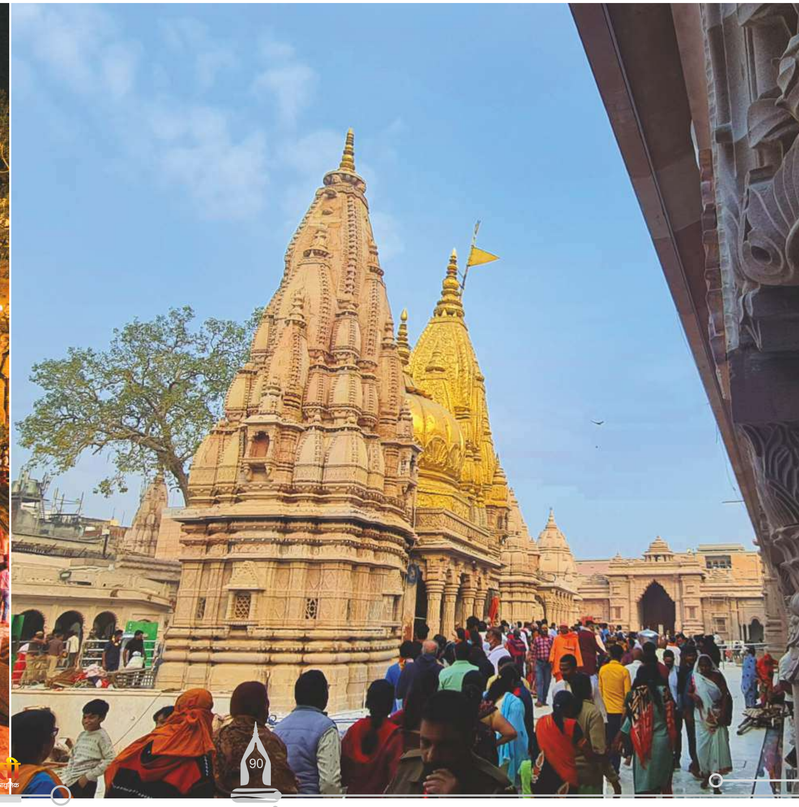
Problem / Issuse Statement

However, over time, Varanasi faced various infrastructural challenges, with the temple complex being no exception. The bustling cityscape, narrow lanes, and lack of modern amenities resulted in difficulties for the devotees who visited the temple seeking divine blessings. For years, devotees faced numerous problems during their pilgrimage to the Kashi Vishwanath Temple. The temple's proximity to the Ganges River, though spiritually significant, posed practical challenges.

The narrow alleys leading to the temple complex were often overcrowded, making it difficult for pilgrims to navigate through the congested spaces. This overcrowding not only caused discomfort but also raised safety concerns. Moreover, the lack of modern facilities such as clean restrooms, waiting areas, and proper crowd management affected the overall pilgrimage experience. Additionally, the congestion in the temple vicinity hindered the spiritual experience for devotees, who often had to jostle through the crowded lanes.

The past infrastructure was illequipped to handle the increasing number of visitors, resulting in long waiting times and inefficient crowd management. These issues detracted from the sanctity and serenity of thepilgrimage, hampering the overall experience for devotees. Result/OutcomesThe implementation of the Shri Kashi Vishwanath Corridor project has yielded remarkable results, transforming the temple precinct and enhancing the pilgrimage experience.The project involved the creation of a spacious corridor spanning over 50,000 square meters, connecting the Kashi Vishwanath Temple with the nearby ghats along the Ganga River. The corridor features widened pathways, allowing for smoother movement of devotees andefficient crowd management. The improved infrastructure includes clean and accessible toilets, resting areas, and amenities catering to the needs of the elderly and differently-abled individuals. These enhancements have significantly alleviated the inconveniences faced by devotees, ensuring a more comfortable and inclusive pilgrimage experience.





This link with the Ganga Maa River has immensely helped the devotees, as they can now effortlessly access the river and partake in the age-old tradition of purification before visiting the temple. This connection has enhanced the spiritual experience for the pilgrims and added a deeper dimension to their journey. The devotees can now engage in the revered act of ""**Panchkoshi Parikrama**"", a ritualistic circumambulation of the city, where they can pay homage to various sacred spots along the riverfront. The corridor replaces narrow alleys with a vast, open space, providing a seamless journey for devotees visiting the temple.

It features a tourist facilitation center, a viewing gallery, and acafé, ensuring that visitors can experience the spiritual aura of the temple without any inconvenience. As devotees enter the corridor, they are welcomed by the magnificent gates of the Mandir Chowk, leading to a grand courtyard befitting Baba Vishwanath's stature. The temple complex has been: thoughtfully designed to cater to the needs of the devotees, offering facilities such as a Bhogshala, a pavilion, and a facilitation center. The corridor also includes a Vedic Kendra, a toilet block, an opulent gallery, and a museum that documents the rich history and journey of Kashi over the years.

The Kashi Vishwanath Corridor is not merely a physical infrastructure upgrade; it represents a profound shift in mindset and approach. It signifies the resurgence of Indian culture and heritage, which had long been neglected and underappreciated. Moreover, the Shri Kashi Vishwanath Corridor project has become a symbol of India's commitment to preserving its cultural heritage and promoting religious tourism.

The revamped temple complex and its seamless integration with the Ganges have attracted devotees and tourists from all corners of the world. This influx of pilgrims and visitors has not only boosted the local economy but has also brought international recognition to Varanasi as a spiritual and cultural hub. The project stands as a shining example of how heritage restoration and modern development can go hand in hand, creating a harmonious and enriching experience for all."

Connectivity in Varanasi

Varanasi, a city of immense historical and cultural significance, has been witnessing significant improvements in connectivity across various modes of transportation.

"Introduction Varanasi, a city of immense historical and cultural significance, has been witnessing significant improvements in connectivity across various modes of transportation. Efforts have been made to enhance road, railway, air, and water connectivity, thereby ensuring seamless travel and promoting economic growth in the region.

Varanasi has surpassed Goa in terms of visitor influx in recent years. In 2021-22, around 3.5 crore tourists arrived in Goa, while more than 10 crore tourists arrived in Varanasi. This is a significant increase in the number of tourists visiting Varanasi, and it is likely to continue in the years to come. Varanasi is one of the oldest continuously inhabited cities in the world, and it is home to a number of important Hindu temples and pilgrimage sites. This makes it a popular destination for religious tourists from all over India and the world.

Varanasi is also a popular destination for tourists interested in Indian history and culture. The city is home to a number of important historical monuments, including the Ghats, the Fort, and the Benares Hindu University or other universities .Under the leadership of Prime Minister Narendra Modi, several road infrastructure projects have been initiated to improve connectivity in Varanasi. The construction of national highways, Varanasi road, has been completed, providing efficient connectivity to important destinations. These roads not only reduce travel time but also contribute to decongesting traffic within the city.

The focus on road development has strengthened Varanasi's connectivity with other major cities in Uttar Pradesh and neighboring states.Varanasi is well-connected to various parts of the country through an extensive railway network. Efforts have been made to expand and modernize the railway infrastructure, facilitating convenient travel for both passengers and goods. The introduction of new trains and the development of railway stations have improved connectivity and boosted tourism in the region. Varanasi Junction, also known as Varanasi Cantt railway station, Banaras Railway Station , Pt. Deen Dayal Upadhyay serves as a crucial transportation hub, connecting the city to different regions of India or upliftment of trade by dedicated freight Corridor .

The city's air connectivity has also witnessed significant improvement. Varanasi is served by Lal Bahadur Shastri International Airport, which has undergone expansion and modernization to handle the growing passenger traffic. The airport offers domestic and international flights, connecting Varanasi to major cities in India and abroad. This enhanced air connectivity has not only facilitated tourism but has also boosted trade and commerce in the region.The development of inland waterways has emerged as a significant focus in enhancing connectivity in Varanasi. The inauguration of the multi-modal terminal on the river Ganga and the implementation of the Jal Marg Vikas project have paved the way for commercial navigation on the river. The terminals being constructed on the National Waterway-I (Ganga) aim to improve transportation efficiency and reduce logistics costs. This initiative not only strengthens the historical significance of Varanasi but also connects the city to other parts of the country through waterways.

The concerted efforts to improve connectivity in Varanasi across road, railway, air, and water have played a vital role in promoting economic growth, boosting tourism, and creating employment opportunities. These developments have not only benefited the residents of Varanasi but have also enhanced the city's stature as a major transportation hub in the region. With continued focus and investment in infrastructure development, Varanasi is poised to further improve its connectivity and contribute to the overall progress of Uttar Pradesh and India as a whole."

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"Rudraksh" International Convention Center

Rudraksh International Convention Center, located in Varanasi, India, is a state-of-the-art facility that was inaugurated by Prime Minister on November 9, 2020. The convention center is built in the shape of a Shivling, representing Lord Shiva, and has a seating capacity of 1200 people. It is designed to host a wide range of events, including conferences, exhibitions, and concerts, and is equipped with modern amenities.

The Rudraksh International Convention Center has covers an expansive area of 2.87 hectares or total built-up area is around 22,000 square meters. In addition to the main hall, the center also features a gallery, meeting rooms, and parking space for 120 cars. Modern facilities, including a sound system, lighting system, and air conditioning, are integrated into the center's infrastructure. The center's versatile design allows it to host various events, such as conferences, exhibitions, and concerts, catering to the diverse needs of organizers and attendees.

Serving as a major tourist attraction, the Rudraksh International Convention Center symbolizes the growing cultural and economic significance of Varanasi. The establishment of this convention center in Varanasi reflects the city's aspiration to become a thriving hub for cultural and economic activities. It provides a platform for hosting national and international events, showcasing the rich heritage and potential of Varanasi to a global audience".

The Rudraksh International Convention Center is a major asset to Varanasi and the surrounding region. It has a number of benefits, including:

Increased tourism: The center attracts a large number of tourist from all over the world. this helps to increase tourism in Varanasi and boost the local economy.

Job creation: The center provides employment to a large number of people, both directly and indirectly. this helps to reduce unemployment in the area.

Improved infrastructure: The revenue generated by the center is used to improved the infrastructure in the area, such as roads, bridges, and public transportation systems. this makes it easier for tourist to visit the center and helps to improved the quality of life for the local people.

Promotes Varanasi: The center helps to promote Varanasi as a tourist destination. this helps to attract more tourist to the area and helps to boost the local economy.

Rs. 186 Cr Project Cost

2.87 Hectares Total Area

22000 Sq mt Total Build-up area

1200 People Seating Capacity

120 Car Parking Additional Facilities

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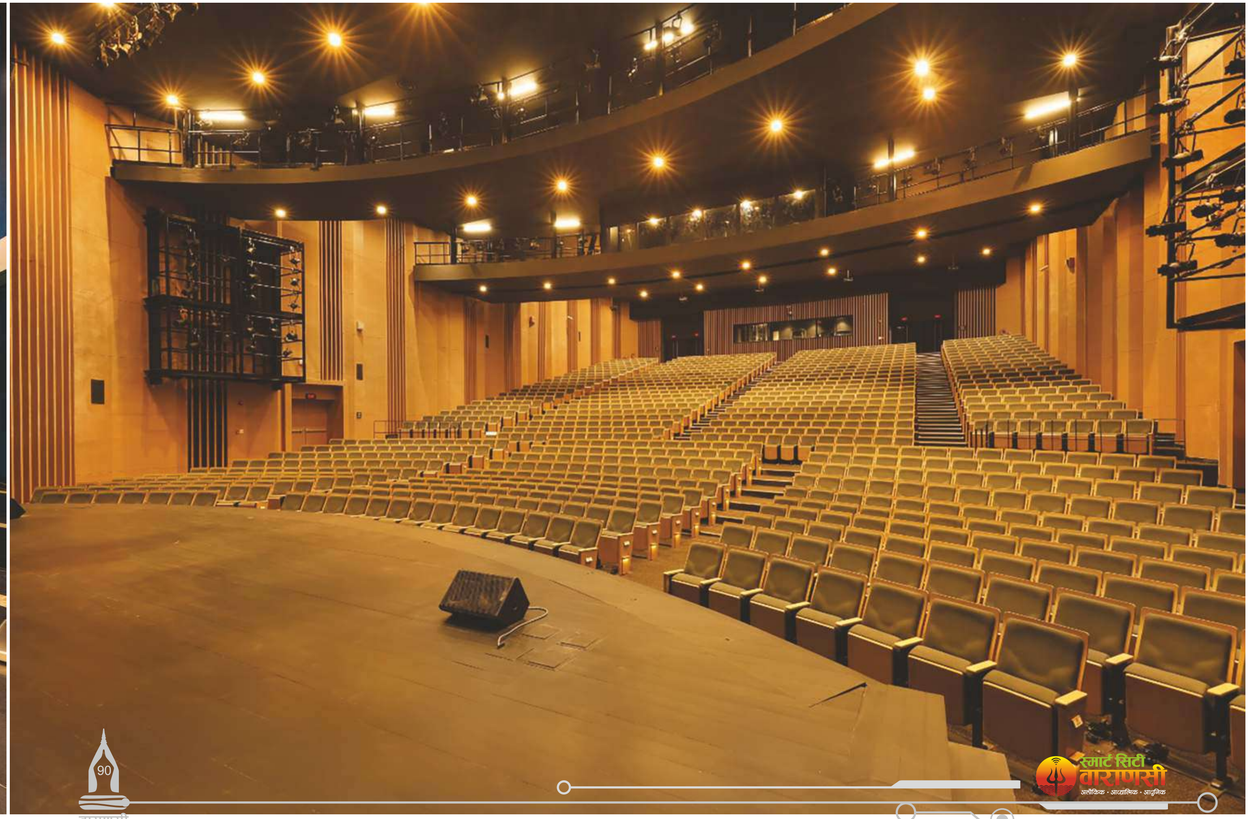
CONVENTION CENTER



KICCC + Advance Surveillance + Success Story

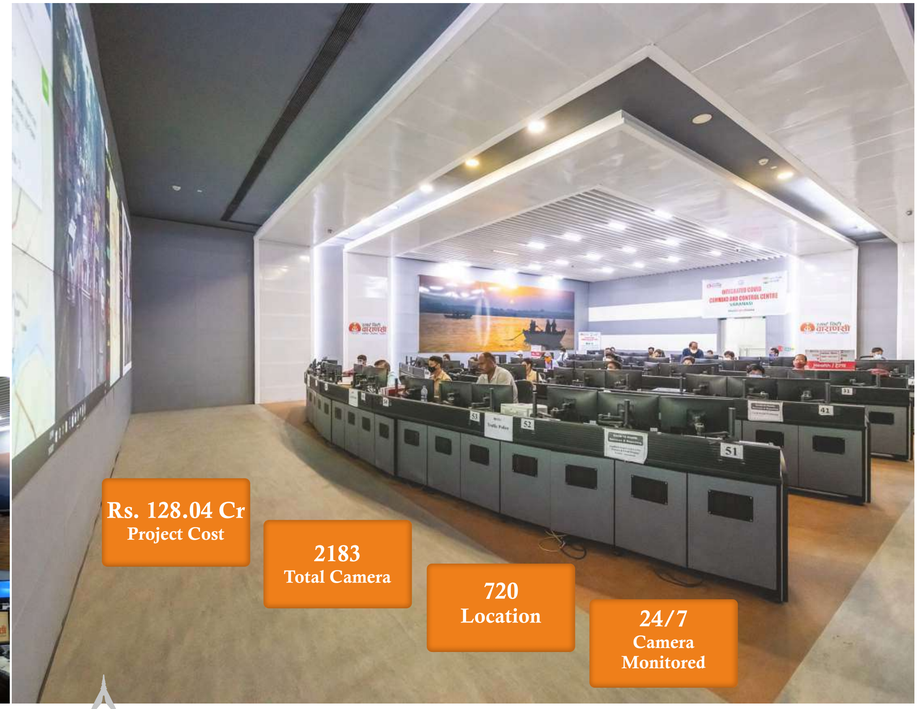
"The Kashi Integrated Command Control Center (KICCC) is a state-of-the-art facility located in Varanasi, India. It was inaugurated by Prime Minister on February 19, 2019. The Kashi Integrated Command Control Center serves as a one-stop shop for all city operations, monitoring and controlling various city services such as traffic, iste management, and public safety.

Equipped with a range of sensors and cameras, the Kashi Integrated Command Control Center provides real-time data on the city's operations, enabling the identification of issues and prompt corrective action. For instance, it monitors traffic flow and identifies congestion hot spots, allowing for timely adjustments to traffic signals and deployment of traffic police to alleviate congestion.

Furthermore, the Kashi Integrated Command Control Center boasts additional features that enhance its value for city management. It includes a video wall displaying live feeds from surveillance cameras across the city, enabling city officials to monitor the city in real time and respond swiftly to incidents.

The Kashi Integrated Command Control Center proves to be a valuable asset for Varanasi, improving the efficiency of city operations and contributing to a safer and more livable environment. The benefits of the Kashi Integrated Command Control Center include enhanced efficiency, increased safety and security, improved quality of life for residents, and reduced costs for the city .The Kashi Integrated Command Control Center was warmly welcomed in Varanasi as it aids in making the city a better place to live, promoting progress and prosperity. Here are some of the benefits of the Kashi Integrated Command Control Center :

Improved efficiency of city operations, Increased safety and security, Improved quality of life for residents, Reduced costs for the city



The Kashi Integrated Command Control Center is a welcome addition to Varanasi and will help to make the city a better place to live. Service - 24/7 , features - Traffic Sensor , Camera. , The installation of advanced surveillance cameras at 720 locations in Varanasi is a significant initiative towards enhancing security in the city. The project is a collaborative effort between the Varanasi Smart City Limited (VSCL) and the Uttar Pradesh Police.

The surveillance cameras are strategically installed at 720 locations, including crowded areas, religious places, and important junctions throughout Varanasi. These cameras are equipped with advanced features such as night vision and facial recognition technology, enabling better monitoring and identification of individuals. A central control room was established to oversee the surveillance system, which is staffed by the police. this control room will ensure 24/7 monitoring and quick response to any security incidents. The installation of the cameras was completed within a year, emphasizing the commitment of the authorities to improving security in Varanasi.

The installation of advanced surveillance cameras will contribute significantly to enhancing the safety and security of the city. By utilizing cutting-edge technology, the project aims to deter criminal activities and promptly respond to any security concerns. Additionally, the project has generated employment opportunities and stimulated the local economy. Overall, the initiative showcases the government's dedication to creating a safer environment for the residents and visitors of Varanasi. he following are some of the benefits of installing advanced surveillance cameras in Varanasi city:

improvedd security: The cameras has helped to deter crime and make the city a safer place.Reduced crime: The cameras help to identify and apprehend criminals, which has helped to reduce crime rates.Improved public safety: The cameras has helped to improved public safety by providing a visible deterrent to crime and by helping to identify and apprehend criminals.Improvedd traffic management: The cameras can be used to monitor traffic and identify traffic violations, which can help to improved traffic flow and reduce congestion.Enhanced tourism: The cameras can be used to promote tourism by providing a live feed of the city's attractions.

Testimonials

As a police official serving in Varanasi, I can't emphasize enough the transformative impact of the ""Advanced Surveillance System"" project on our daily operations and the safety of our citizens. This project has truly revolutionized the way we approach law enforcement and security in our city. The mere presence of these cameras has deterred criminals, making our city safer for everyone.

-Amit Singh (Police Department Official)

The project has improved traffic management and compliance with traffic rules, making our streets safer. It has helped reunite lost and abducted children with their families, which is heartening. And the integration of a Public Address System has enhanced citizen engagement and awareness.

– Shyam Yadav (Local Resident)

I can't believe how lucky I am that Varanasi Smart City installed those cameras all over the city! My purse got stolen recently while I was out shopping. I was so upset and didn't know what to do. But thanks to those cameras, the police could see what happened. They watched the footage and caught the person who took my purse. The cameras really helped catch the person who did it, and I'm grateful for that.

--Charu Mishra (Local Citizen)

Rejuvination of Wards + Success Story

Varanasi Smart City initiative embarked on a transformative journey, focusing on the redevelopment of the five wards surrounding Kameshwar Mahadev, namely Kalbhairav, Jangambadi, Dashashwamedh, and Gadhwasi Tola.

In a city steeped in history, this revitalization effort entailed the replacement of centuries- old and outdated sewer and water lines, delivering significantly improved living conditions for the city's residents. The project extended its impact by constructing over 30 kilometers of new lanes and pathways, effectively addressing a long- standing urban challenge-mobility within the city. These newly paved routes not only enhance movement but also pay homage to the city's rich cultural heritage through the incorporation of traditional chauka stones and thematic wall paintings.

The comprehensive transformation of these historically and culturally significant lanes has brought new life into these areas, thus, seamlessly blending history and urban development. This initiative has not only upgraded urban infrastructure but also substantially improved living conditions for nearly 50,000 people residing in the ancient wards of Varanasi.

Testimonialsi.

The Varanasi Smart City project has made a big difference in our lives. I live in one of the old wards near the Shri Kashi Vishwanath Temple, and I've seen amazing changes happen. The project replaced old sewer lines, so we have better water and sewer systems. This means we can live in a healthier and more comfortable environment. Moving around the city is easier now with new lanes and pathways. This makes our lives simpler, and we don't have to struggle with traffic.

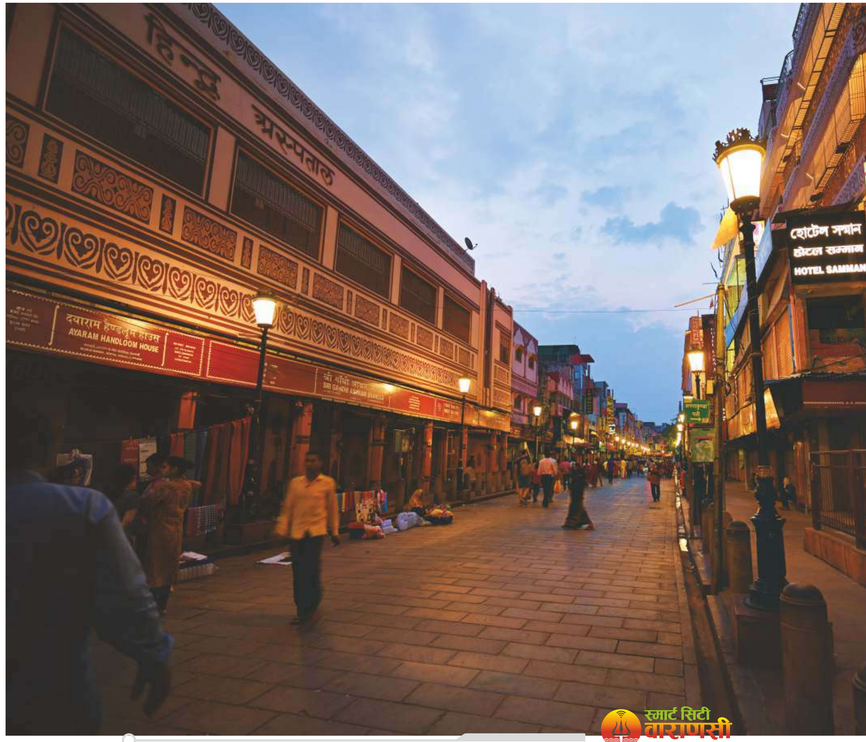
-Manoj Kumar (Local Resident)

Exploring the revitalized lanes that encircled the old city was a journey through time. The preservation of historical and cultural significance was evident in every nook and corner. The traditional chauka stones and thematic wall paintings were a testament to the city's rich heritage and left me captivated. It was heartening to see how Varanasi's essence was displayed in every corner of the city.

- Paul (Tourist visiting the city)

Varanasi has changed a lot in recent years, and it's been great for us street vendors. More tourists are coming now, which means more customers for us. The city looks cleaner and nicer, which makes people want to stay longer. The government has done good work to improve the condition of the streets, making it easier for us to do business. I'm happy to see these developments because they help us earn a better living.

– Lalit (Street Vendor)



Rs. 36 Cr
Project Cost

Rs. 40 Cr
Phase 2

21,000 Sq Km
Phase 1

60,000 Sq Km
Phase 2

Namo Ghat

About the Project- The journey of the Namo Ghat Project commenced in 2019, marked by the laying of a foundation stone by none other than Prime Minister Narendra Modi. This historic event set the tone for a restoration that was as much about preserving the city's heritage as it was about embracing its future. The once-dilapidated Khidkiya Ghat transformed into Namo Ghat, covering a vast area of around 21,000 square meters, at an investment of Rs. 36 crores for its initial phase.

Central to this revitalization are three awe-inspiring sculptures that have bestowed a distinctive identity upon the ghat. Three towering statues, one soaring 25 feet and the other two standing at 15 feet, elegantly portray folded hands, symbolizing devotion to the mighty Ganga. As the sun ascends, these sculptures, evoking the age-old "namaste" gesture, extend a welcoming embrace to its warm rays, encapsulating the spiritual essence of Varanasi.

Beyond its visual splendor, the Namo Ghat stands as a testament to the harmonious coexistence of tradition and modernity. The first phase of the project boasts an array of amenities catering to both locals and tourists alike. A state-of-the-art cafeteria, an open-air theater, a serene library, and a food court serving authentic Banarasi cuisine invite visitors to partake in a diverse range of experiences. Furthermore, the ghat offers avenues for relaxation, such as water-based adventure activities, tranquil yoga spaces, and scenic jogging tracks.

An intricately designed ramp has been thoughtfully incorporated, ensuring accessibility for the elderly and differently-abled individuals, transforming the ghat into a haven for all. It also has a water sports area, a cafeteria, a multipurpose arena featuring three helipads, as well as cultural spaces like Visarjan Kund – a seamless blend of tradition and innovation.

While the project's first phase was commisioned with the unveiling of the iconic 'namaste' sculptures, the ghat's complete transformation awaits the finalization of all phases. Encompassing an expansive stretch of 1.71 kilometers, the Namo Ghat is set to redefine the Varanasi skyline, extending from Bhaisasur Ghat (Rajghat) to Aadi Keshav Ghat. Namo Ghat today stands tall as the new landmark to Varanasi.

Outputs and Outcomes of the Project

It has emerged as an ideal tourist spot for all age groups, attracting average footfall of 7,000 people daily.
It has boosted local economy by providing livelihood opportunities to hundreds of people living in the area.
It has handicapped friendly infrastructure with ramps along with the stairs so that it can be accessible for everyone.
It has recreational areas and meditation space, proving an environmental friendly space for the local people.

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Parking

Beniyabagh, Townhall, Gaudoliya

At the ground floor, the parking facility provides amenities, commercial spaces, and features 40 shops with separate entry points. Additionally, there is a police booth and a tourist information desk for convenience and safety. The Godowlia Multilevel Two-wheeler Parking optimizes land resources and aims to create public amenities that cater to the citizens' needs.

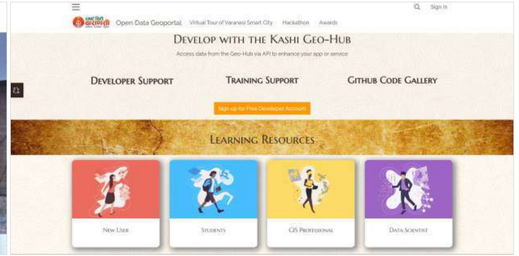
Varanasi Smart City Limited inaugurated the Godowlia Multilevel Two-wheeler Parking on 15 July 2021 as part of the Varanasi Smart City Mission. This Mission aims to transform Varanasi into a smart city, embracing future-oriented development. The parking facility is among the initiatives undertaken to achieve this vision.

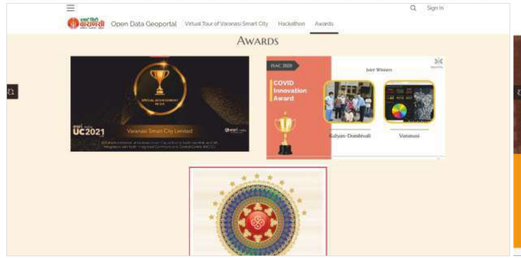
The Godowlia Multilevel Two-wheeler Parking is expected to alleviate traffic congestion in the area, making it easier for people to access the city's tourist attractions. Furthermore, it is anticipated to boost tourism in Varanasi, making it a more appealing destination for visitors from around the globe. The redevelopment work of the underground parking and park in Town Hall Varanasi, initiated by Prime Minister .It is a significant project aimed at improving the city's infrastructure and livability.

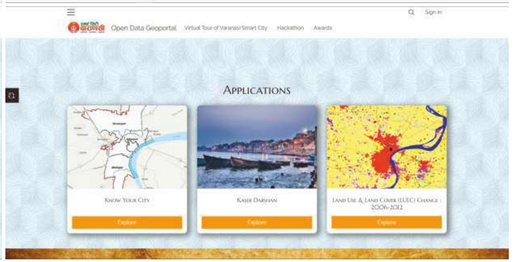
The establishment of this project was carried out by the Varanasi Smart City Limited (VSCL) in collaboration with the Uttar Pradesh Urban Development Department.

It included the construction of a new multi-level parking garage, a public plaza, and a green space.
The parking garage has a capacity of accommodating 240 four wheeler or 120 two wheller, providing much-needed parking infrastructure in the area.The public plaza, spanning an area of 10,000 square meters, will serve as a gathering space for people to socialize and engage in various activities.The green space, covering 5,000 square meters, features trees, flowers, and walkways, offering residents and visitors a serene and relaxing environment.

Aditionally , the parking garage isbasement and is constructed on a 10-acre plot of land.
The public plaza will include amenities such as a water fountain, seating areas, and a designated walkway.
The overall design and development of the project aim to enhance the aesthetic appeal and functionality of the area.
The redevelopment work of the underground parking and park in Town Hall Varanasi is a significant investment in the city's future. By improving infrastructure, creating public spaces, and enhancing the overall quality of life, the project contributes to making Varanasi a more attractive and livable city. Additionally, the project is expected to generate employment opportunities and stimulate the local economy, further benefiting the residents of Varanasi.







Kashi GEO HUB

We take immense pride in Kashi Geo-Hub as a valuable asset for the city. As it goes live and various departments start sharing data of all kinds, it becomes a digital space where all city data converges seamlessly, a first-of-its-kind achievement. This data-driven approach helps us make informed decisions and improve the services we deliver to our citizens.

At Kashi Geo-Hub, you'll find an array of contents designed to cater to various needs. From static and dynamic information to a range of geo-spatial applications, the platform offers comprehensive tools to drive citizen initiatives for different missions. We encourage crowd sourcing applications to empower our citizens and engage them in our city's progress.

Our offerings extend globally, allowing you to explore data under different heads and access APIs for developers. We provide a developer's environment where you can browse our map gallery, create your own maps, and get all the support you need, including technical assistance, training, and access to GITHUB code gallery and learning resources.

To showcase the power of Kashi Geo-Hub, we have the Kashi Dham Project, a sample of our project demonstration. For your convenience, we have a FAQ section to answer your queries, and we value our partners and data associates, who have been instrumental in making this initiative a reality.

Kashi Geo-Hub is the first of its kind, and we are proud that Varanasi Smart City is the first Smart City in India to take this groundbreaking step. ESRI India has partnered with Varanasi Smart City, providing essential technical support in implementing this cutting-edge platform. Together, we are shaping the future of smart cities, and we invite you to join us in this transformative journey.

Important benefits of Kashi Geo-Hub:

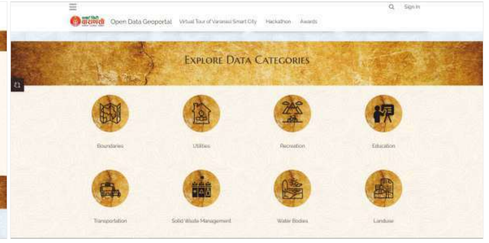
1. Data Integration: It serves as a centralized platform where diverse city data converges seamlessly, enabling data-driven decision-making.

2. Informed Decision-Making: The platform empowers city officials to make informed decisions and improve the delivery of services to citizens.

3. Comprehensive Tools: Kashi Geo-Hub offers a wide range of content and geo-spatial applications to support various city initiatives and missions.

4. Citizen Engagement: It encourages citizen engagement through crowd-sourcing applications, fostering active participation in the city's progress.

5. Global Accessibility: The platform extends globally, providing access to data, APIs for developers, and a developer's environment, promoting innovation and collaboration.



About Kashi Pass

The Kashi Pass is a one-stop digital interface that gives citizen access to more than 15 of Varanasi's most popular attractions, events, and activities through the web portal and interactive mobile application. With it, Citizen can create their own special tour without getting tied down to strict schedules. Plus, they can explore the city on their own convenience. The objective is to generate a hassle-free e-pass through the Mobile App in achieving below functionalities.

One Ticket Many Places Touch Free Digital Tickets Enjoy skip-the-line access Hop on hop off bus tour Flexibility to suit personal circumstances Rich Features

The Kashi Pass is a digital platform in form of a Web Application and Mobile Application that provides a hassle-free way for visitors to explore Varanasi. It offers a one-stop solution for booking tickets to popular attractions, attending events, and participating in activities. The Kashi Pass mobile app allows users to create their own custom tour itinerary, based on their interests and budget.
Here is a more detailed elaboration of the Kashi Pass functionalities:

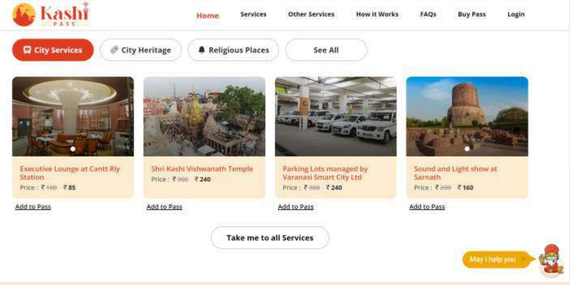
I. Book tickets to popular attractions: The Kashi Pass app allows users to book tickets to over 15 of Varanasi's most popular attractions, including the Kashi Vishwanath Temple, Dashashwamedh Ghat, Assi Ghat, Ramnagar Fort, and Sarnath. Users can choose from a variety of ticket options, including single-entry tickets, multi-entry tickets, and combo tickets.

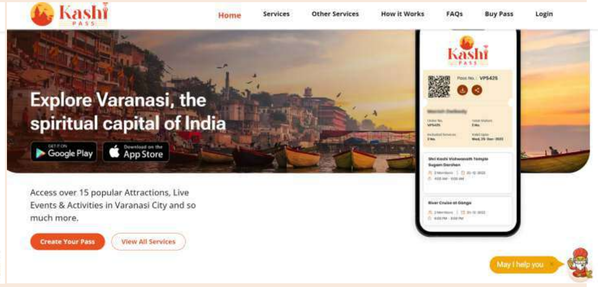
II. Attend events: The Kashi Pass app also allows users to book tickets to popular events in Varanasi, such as the Ganga Aarti, Kashi Naat Utsav, and Ramlila. Users can view the event calendar and purchase tickets in advance, ensuring that they have a seat for their desired event.

III. Participate in activities: The Kashi Pass app also offers a variety of activities that users can participate in, such as boat rides, cycle tours, and food tours. Users can book these activities in advance through the app and enjoy a hassle-free experience.

IV. Create custom tour itinerary: The Kashi Pass app allows users to create their own custom tour itinerary, based on their interests and budget. Users can add attractions, events, and activities to their itinerary, and the app will calculate the total cost. Users can also save their itinerary and share it with others.

V. Explore the city at your own convenience: The Kashi Pass app allows users to explore the city at their own convenience. Users can use the app to navigate to attractions, events, and activities. They can also view information about the city's history, culture, and cuisine.
Benefits:

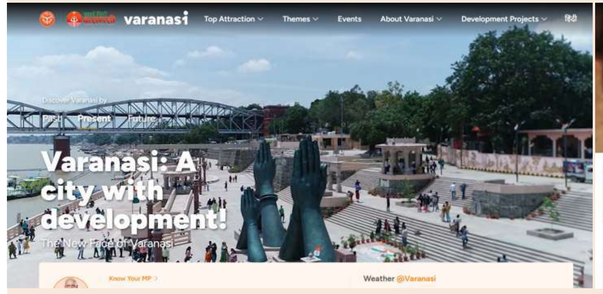


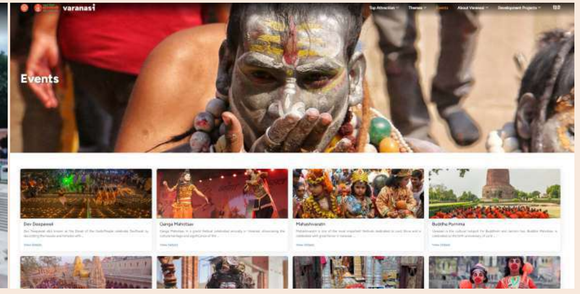


1. Saves time and money for inbound tourists
The Kashi Pass enables the inbound tourists / travellers to skip those long queues at Varanasi's famous landmarks. The visitors can save up to 20 per cent on admission fees.
2. Convenience and hassle-free booking & sightseeing
Visitors can easily book and access their pass with the smartphone anytime and anywhere. They no longer need to fret about physical tickets or fear losing them in the busy streets of Varanasi.
3. Unmatched flexibility for tourists
The tourists have the leeway to choose the attractions, events, and activities. They can customize their journey in sync with their budget and interests. On top of it, they can cancel the pass anytime, anywhere.
4. An immersive experience beyond convenience and savings
The Kashi Pass is not just about saving time and money; it's about experiencing the true essence of Varanasi in a way that resonates with you.
Other Benefits
Increase in Outreach Promotion of Art & Culture Effective Marketing of Destinations Institutional Strengthening Interactive & Engaging Visitor experience Personalized experience One-stop-shop for all tourists Destination information & planner User Experience sharing

About Varanasi One Portal
The Varanasi One portal, a seamless, unified portal is a one-stop solution for exploration of this historic city. This single repository is a 360-degree window to Varanasi, showcasing the city in its full splendor. Discovery, exploration, and an immersive experience- Varanasi One aggregates everything for you without the need to navigate to an external site. Over and above the legacy data, this portal is a repertoire of Varanasi's top attractions, events, the changing vibes of a resurgent Smart City, and a To-Do list for visitors. This integrated portal serves as a quick, instant and reliable reference for visitors interested in exploring the rich culture, spirituality, and history of Varanasi.

Rich Features
The Varanasi One web portal is positioned as a one-stop repository for both residents and tourists, promoting the city's rich culture and heritage, supporting local businesses, and enhancing the overall quality of life in the region.
This means that the portal is designed to be a single source of information and services for everything related to Varanasi. It is intended to be a resource for both residents and tourists, and to serve a variety of purposes, including:
I. Promoting the city's rich culture and heritage: The portal provides information on Varanasi's history, culture, religion, art, architecture, and cuisine. It also features details of interactive tours that allow users to explore the city's many cultural attractions.
II. Supporting local businesses: The portal lists local businesses and provides information on their products and services. It also features a business directory which will provide the details to the users from where they can purchase goods and services from local businesses.
III. Enhancing the overall quality of life in the region: The portal provides information on government services, transportation, events, and other resources that can help residents and tourists to get the most out of their time in Varanasi.
The Varanasi One web portal is designed to be the ultimate Go-To digital resource for a seamless and immersive discovery and exploration of Varanasi's legacy and its transforming landscape. The portal



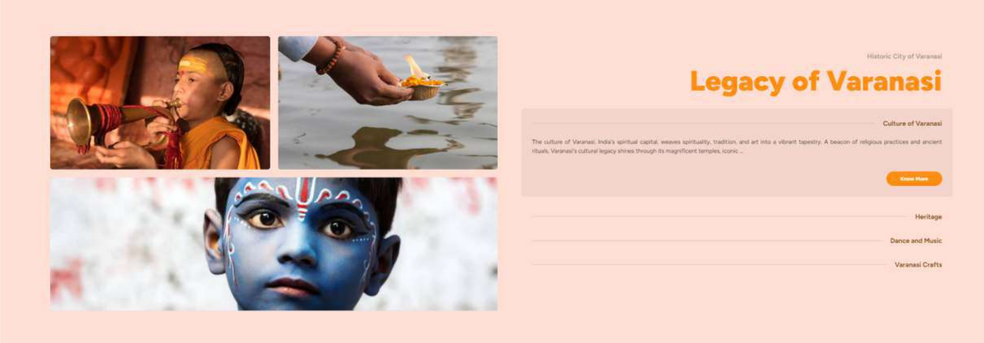


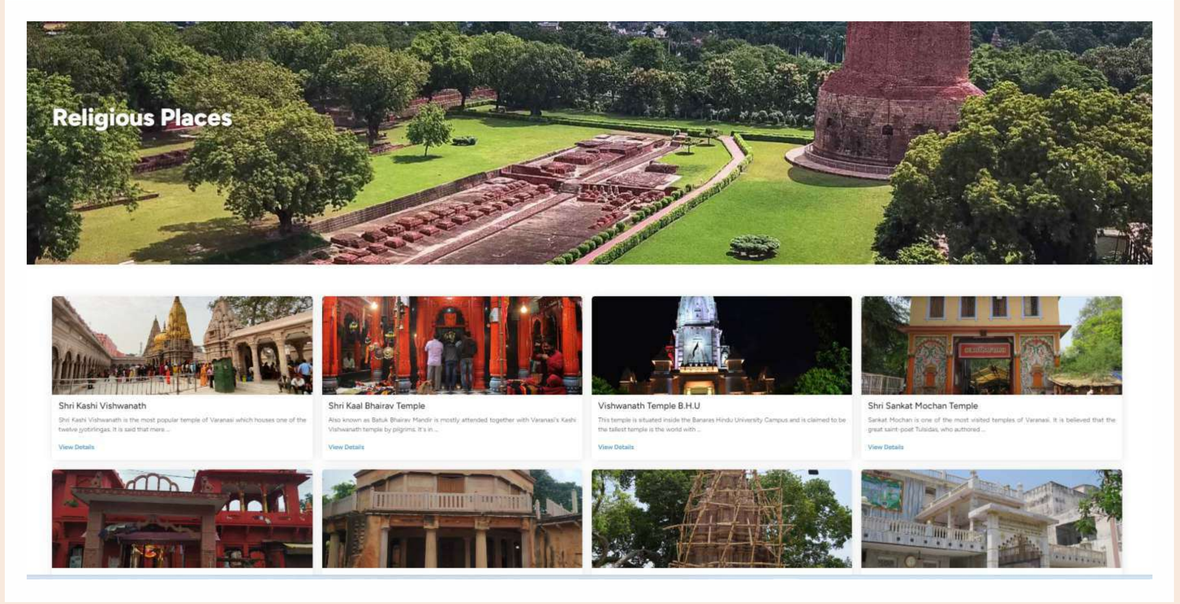
is intended to be the most comprehensive and user-friendly resource available for learning about and experiencing Varanasi. It is designed to be a seamless and immersive platform for users to explore the city's rich history and culture, as well as its modern and transforming landscape. Few highlights of the portal are as below:

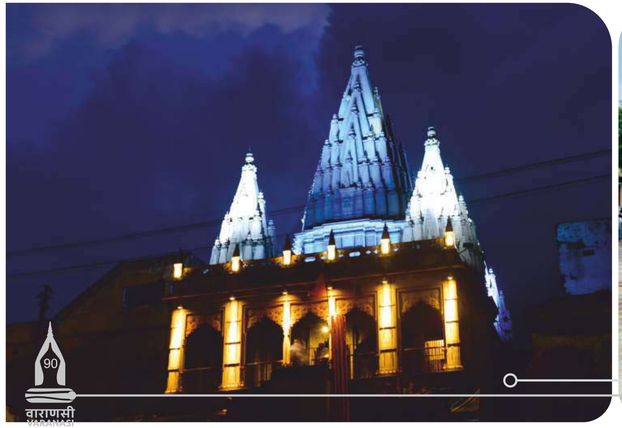
I. User-friendly interface: The portal is designed with a user-friendly interface that makes it easy to find the information and services that you are looking for.
II. Comprehensive content: The portal provides comprehensive content on all aspects of Varanasi, from its history and culture to its modern and transforming landscape.
III. Interactive features: The portal features a variety of interactive features, such as virtual tours, maps, and games, that allow users to explore the city in a more engaging way.
IV. Multilingual support: The portal is available in bilingual languages, making it accessible to a wider range of users in Hindi and English.

Benefits:-

I. Increased access to open spaces and recreational areas: Travellers in Varanasi can now easily find and access open spaces and recreational areas to promote physical activity and explore the city's beauty and history.
II. Educates travelers about Varanasi's hidden treasures: The Varanasi web portal provides information on unexplored places in Varanasi, helping travelers to discover the city's lesser-known gems.
III. Comprehensive information for all types of travellers: The portal offers comprehensive information on Varanasi, catering to the needs of all types of travelers, from budget backpackers to luxury tourists.
IV. Chronicles Varanasi's development initiatives: The portal chronicles the development initiatives that have taken place in Varanasi in recent years, providing insights into the city's transformation.
V. Citizen services navigator: The portal features a citizen services navigator that redirects users to relevant government websites to avail essential services, such as birth and death certificates, employment exchange registration, and income, caste, and domicile certificates. It also provides information about government offices and facilities.
VI. Ensuring sustainable tourism: The portal promotes sustainable tourism by ensuring that the city's carrying capacity is not exceeded.
VII. Comprehensive tourism portal: The portal is a one-stop shop for all tourism-related information, including details on destinations, attractions, events, and development projects.
VIII. Diverse image of tourism: The portal showcases the diversity of Varanasi's tourism offerings, with details on selected places, picture galleries, and videos.
IX. Easy navigation: The portal is easy to navigate, providing users with instant access to relevant information.
X. Engaging visitor experience: The portal offers an engaging visitor experience, encouraging users to explore the city's rich culture and heritage.







Façade Restoration, Ghat Signage, Ghat Façade Lighgting, Floating Changing Room

Façade Restoration

The Façade Restoration project, a vital component of the Ghat Revitalization initiative, with a project cost of INR 11.88 Crores, stands as a testament to the preservation of Varanasi's rich heritage. This ambitious endeavor focused on the comprehensive revitalization of several iconic Ghats, including Dashashwamedh Ghat, Ahilyabai Ghat, Munshi Ghat, and Darbhanga Ghat. The project aimed to rejuvenate the historic Ghats by restoring and consolidating their withered and broken features while removing incongruent additions. The immediate facades were meticulously revived to recapture the heritage identity of these sacred locations. This effort also involved reorganizing functional spaces, improving connectivity, and providing public facilities to enhance the overall tourist and visitor experience. Not only did it restore the façade of the Ghats, but it also played a significant role in conserving their heritage integrity and visual identity, making Varanasi's Ghats more inviting and culturally significant.

Ghat Signage

The Ghat Signage project, valued at INR 5.08 Crores, brought modernity and heritage preservation together by installing aesthetically pleasing, durable signage at 84 Ganga Ghats along the sacred riverbanks of Varanasi. Crafted from Corten Steel plates with laser engraving and CNC cutting, these signage elements included story-telling panels on steps, information boards, sculpture panels, and metallic table-top maps. The Ghat Signage project served as a storyteller, sharing the rich history and culture of these Ghats, while ensuring that their heritage integrity and identity were preserved. The design, color combinations, size, and text were meticulously finalized by an expert committee, underscoring the importance of every detail in this endeavor. With these heritage signs in place, the Ghats of Varanasi now not only visually exude their rich heritage but also provide a more informative and engaging experience for visitors and pilgrims.

Ghat Facade Lighting

In addition to restoring the Ghats and installing heritage signage, the Ghat Revitalization project has also undertaken Ghat Façade Lighting to illuminate the splendor of the historic riverbanks during the night. This endeavor, which enhances the visual appeal and safety of the Ghats, is a testament to the holistic approach towards preserving the cultural and architectural significance of these sites. The soft glow of the lights not only highlights the architectural beauty of the Ghats but also adds a mystical charm to Varanasi's nightscape, making the Ganga Ghats even more enchanting.

Floating Changing Room

As part of the comprehensive Ghat Revitalization initiative, the installation of Floating Changing Rooms aims to improve the overall experience for visitors and pilgrims to Varanasi's Ghats. These innovative and convenient structures provide a safe and private space for people to change into traditional attire or fresh clothes before taking part in sacred rituals and offerings at the riverbanks. The Floating Changing Rooms serve as a modern amenity that respects the cultural and religious traditions of the city, offering a blend of convenience and heritage preservation. This project reflects the commitment to preserving the spirituality and cultural significance of Varanasi's Ghats while ensuring the comfort and dignity of those who visit them.

Kanha Upvan

Kanha Upvan, also known as Gaushala, is a vital initiative in Chhitauni Village, Varanasi, aimed at addressing the pressing issue of stray cattle overcrowding urban streets. The primary goal of this project is to not only decongest the streets but also provide a safe and appropriate shelter for the rehabilitation of these vulnerable animals. To achieve this, the project encompasses a comprehensive array of facilities and infrastructure.

The heart of Kanha Upvan is a spacious shelter capable of accommodating up to 450 cattle, ensuring they find a safe refuge away from the bustling city streets. An integral part of the project is the Administration and Hospital Building, which serves as a hub for the pre-screening, diagnosis, and treatment of sick cattle. This crucial facility helps ensure the health and well-being of these animals in need.

Furthermore, the project includes a dedicated calf and fodder shed, facilitating the care of younger cattle and ensuring they receive the nourishment they require. Residential quarters for staff members are also provided, allowing for the continual care and maintenance of the shelter and its inhabitants.

In line with environmental sustainability, Kanha Upvan features a Bio-Gas Plant with a substantial capacity of 180 cubic meters. This eco-friendly addition helps manage organic waste and contributes to cleaner energy production. Additionally, a composting chamber aids in the eco-conscious disposal of organic matter.

The project also takes a significant step towards energy efficiency with the installation of roof-top solar panels. These panels harness the power of the sun, helping to save energy and reduce the environmental footprint of the shelter.

Kanha Upvan stands as a testament to the commitment of the community in Chhitauni Village to address the issue of stray cattle while promoting sustainability and animal welfare. It not only decongests the streets but also serves as a model for responsible and compassionate urban planning.

Sigra Stadium

The redevelopment of Dr. Sampoornanand Sports Stadium at Sigra is a grand and ambitious project with a budget of 90.01 Crores (PHASE 1), Phase - 2 rs 90.02cr The envisioned sports complex is set to be a world-class, aesthetically pleasing icon, catering to a diverse range of sports enthusiasts and athletes.

One of the prominent features of the redevelopment project includes the establishment of various renowned sports academies, fostering a nurturing environment for talent development and training. The complex will boast an international standard swimming pool, equipped with top-notch facilities to accommodate professional swimmers and enthusiasts alike. Additionally, multipurpose halls will be available, catering to a wide range of indoor sports and activities. To cater to the needs of athletes and sports enthusiasts, a Club will be built with state-of-the-art sports facilities. Furthermore, the project will include accommodation options such as a Hotel and dormitories, providing a comfortable stay for visiting athletes and guests. The redevelopment aims to create a multi-purpose sports field with ample seating arrangements, offering a perfect venue for various sporting events and competitions. To ensure a smart and connected environment, the entire campus will be equipped with modern technologies such as CCTV, FTTH (Fiber-to-the-Home), and WIFI, providing seamless connectivity and facilitating efficient management.

Moreover, the project incorporates various revenue-generating sources to ensure financial sustainability. These include Food Courts, Shops, and a Hotel, providing commercial opportunities within the sports complex. Additionally, renowned sports brands like Decathlon will be invited to set up an Anchor Sports Store. Outdoor media advertisement spaces and areas designated for hosting events will also contribute to revenue generation.

To address the parking needs of visitors and athletes, a Basement Parking facility will be constructed, optimizing space and ensuring a hassle-free parking experience. The redevelopment of Dr. Sampoornanand Sports Stadium in Sigra is set to elevate the sporting infrastructure of the region to international standards. With its world-class facilities, aesthetic appeal, and revenue-generating elements, this project aims to become a flagship sports complex, attracting athletes, sports enthusiasts, and visitors from around the world.

Features of the Project:

- A world-class, aesthetic iconic sports complex housing various renowned sports academies.
- International standard swimming pool and multipurpose halls.
- Club with all sports facilities, including a hotel and dormitories.
- Multi-purpose sports field and seating areas.
- CCTV, FTTH (Fiber to the Home), and WIFI enabled smart campus.
- Additional revenue sources, including Food Courts, Shops, Hotel, and an Anchor Sports Store like Decathlon.
- Outdoor media advertisement spaces and designated areas for events.
- Basement Parking for convenient vehicle storage.

Rs. 14.21 Cr
Project Cost

10000 Sq Mt
Area

1000 Students
Capacity

1000 Students and their Families
Expected Beneficiaries

Smart Schools
(Machchodari, Mahmoorganj, Rajghat)

About the Project-The redevelopment of Machodri Smart School, Rajghat Smart School, and Mahmoorganj Smart School in Varanasi, undertaken by the Varanasi Smart City Limited (VSCL), has brought about a significant transformation in the landscape of government education. This initiative stands out as a remarkable achievement, reshaping the realm of education particularly for students hailing from marginalized and economically weaker backgrounds.

Undoubtedly, the project has redefined education in government schools, not only by improving the physical infrastructure but also by integrating advanced technology into the learning process. These schools have emerged as beacons of change, offering students access to specialized amenities that foster a more technology-driven approach to learning.

Since its inauguration, the impact has been profound, with over 5000 students being enrolled across these schools. Equally noteworthy is the Skill Development Centre established within the premises, which has provided vocational training to more than 10,000 students, empowering them with occupational skills that enhance their employability.

One of the most commendable aspects of these redeveloped schools is their inclusive nature. They boast handicapped-friendly infrastructure, ensuring that differently-abled children receive a high-quality education without any hindrance. These Schools were provided with modern facilities, CCTV surveillance and Smart Classroom equipment. This aspect underscores the commitment of the Varanasi Smart City initiative to ensure that education is accessible and beneficial to all.

Redevelopment of Machodri Smart School, Rajghat Smart School, and Mahmoorganj Smart School in Varanasi under the Varanasi Smart City project has not only revitalized the physical infrastructure of these schools but has also revolutionized the way education is delivered. This initiative has proven to be immensely impactful, benefitting thousands of students from disadvantaged backgrounds, while also emphasizing inclusivity and technology-driven learning.
A unique aspect of the school is the inclusion of a Skill Development Center, which aims to empower and engage individuals from various marginalized sections of society, including elders, women, transgender individuals, and others.In addition to its academic curriculum, the school offers a variety of skill development courses, including computer hardware and networking, web designing, graphic designing, tally, typing, data entry, personality development, public speaking, communication skills, and soft skills. These courses provide students with practical skills that are valuable for their personal and professional growth.

Outputs and Outcomes of the Project

i. More than 2500 students have been enrolled in these schools since their inauguration.
ii. Nearly 5000 students have been trained from the Skill Development Centre established in these schools, providing occupational skills to innumerable students.
iii. These schools are furnished with advanced facilities and specialized amenities so that pupils here can receive a more technology-oriented education.

These schools are equipped with handicapped friendly infrastructure ensuring quality education for specially abled children too

Parks in Kashi

Varanasi, one of the oldest and most revered cities in India, has undergone a remarkable transformation in recent years. Thanks to the visionary efforts of Varanasi Smart City, this ancient city is not just preserving its historical heritage, but also enhancing its modern infrastructure and green spaces. Among the many commendable initiatives undertaken by Varanasi Smart City, the beautification and betterment of parks have played a pivotal role in enhancing the quality of life for its residents and visitors.

Several parks in Varanasi have been rejuvenated, offering citizens a fresh perspective on the role of urban green spaces. Some of these parks include the Rajnarayan Smarak Park, Townhall Park, Giri Nagar Park, Shankuldhara Park, Imlok Nagar Park, Tagore Town Parks, and Culab Bagh Park. These parks have witnessed a remarkable makeover, featuring a plethora of facilities aimed at promoting recreation, fitness, and relaxation.

One of the most notable improvements in these parks is the introduction of a Kids Play Area. These play areas are equipped with modern equipment that encourages physical activity, social interaction, and imaginative play.

To cater to the fitness enthusiasts, open-air gyms and jogging tracks have been incorporated into these parks. . The inclusion of an open gym is a testament to the city's commitment to promoting a healthy lifestyle among its citizens. It's a cost-effective and accessible way for people of all ages to stay active and maintain their well-being and well-maintained tracks offer a safe and dedicated space for morning or evening runs, promoting an active and healthy lifestyle.

The addition of pergolas within the parks offers shaded seating areas, allowing visitors to relax, enjoy a picnic, or simply unwind while taking in the beauty of the surroundings. These pergolas not only serve a functional purpose but also contribute to the aesthetics of the park.

Landscaping has also played a pivotal role in the beautification of these parks. Meticulously designed landscapes bring a touch of nature to the urban environment. By planting a variety of trees, shrubs, and flowers, the parks have become a haven for biodiversity and an inviting place to connect with the natural world. The strategic placement of greenery enhances the ambiance and overall aesthetics of the parks.

Pathways, meticulously designed and illuminated, now crisscross the parks, making them accessible and safe for pedestrians and cyclists alike. The well-lit pathways have also improved the overall security and extended the usability of the parks into the evening hours. Some of these parks have been equipped by gazebos which provides shelter and a peaceful space for park-goers to relax, read, or simply enjoy the serenity of these green oases. These structures are not only functional but also enhance the aesthetic appeal of the parks. Horticulture has been significantly improved, adding to the visual appeal of the parks. Lush lawns, well-maintained flowerbeds, and pruned trees create an inviting atmosphere and a sense of tranquility.

These efforts by Varanasi Smart City have not only improved the physical infrastructure of the parks but have also created vibrant community spaces that foster a sense of togetherness and well-being. The rejuvenated parks offer a myriad of recreational options, from children's play areas to open gyms and serene gazebos.

Varanasi's parks have become more than just green spaces; they are now integral components of the city's urban landscape. The transformation of these parks has not only enhanced the quality of life for residents but has also drawn visitors, both domestic and international, to enjoy the city's natural beauty and modern amenities.

The Parks are -

Rajnarayan Smarak Park • Townhall Park • Giri Nagar Park • Shankuldhara Park • Imlok Nagar Park • Tagore Town Parks • Gulab Bagh Park

Kund

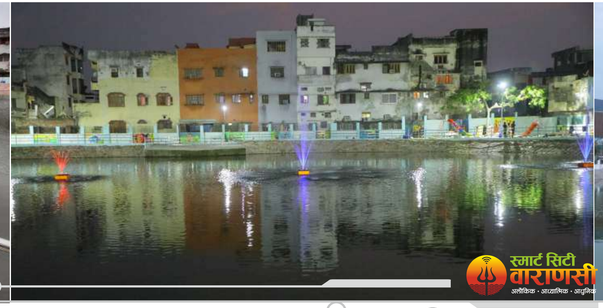
other Waterbody Rejuvnation

The rejuvenation of Mandakini Kund, at a projected cost of 6.80 Crores, is a transformative endeavor that revitalizes this serene oasis. Thoughtful features such as an Open Gym, Kids Play area, Gazebo, and Toilet facilities elevate the ambiance, creating a tranquil meditation spot and a gathering space for the community. Strategic Lightings and an Aerated fountain maintain the water's allure, while a dedicated Visarjan Kund facilitates religious ceremonies. Through thorough cleaning, desilting, and meticulous landscaping, the kund's charm is revitalized, and its cultural significance is restored. The incorporation of a cutting-edge Sewage Treatment Plant ensures the preservation of water quality, securing Mandakini Kund's longevity as a cherished public space, providing both serenity and utility for all visitors.

Features Of Project

- Open Gym, Kids Play area, Gazebo, Sittings, Toilets, Meditation area
- Lightings and Aerated fountain to keep water fresh.
- Construction of Visarjan Kund for idol.
- Cleaning, desilting, consolidation and restoration of the edges and physical features of the kund
- Landscaping of the premises
- Water quality preservation by root zone technology based STP.

Rs. 6.80 Cr
Project Cost



Roads and Junction
(ABD+Godowlia-Maidagin Road included)

The project for making roads and junctions in Varanasi's ABD **(Area-Based Development)** Area, covering a total **road length of 10.5 kilometers with 8 junctions**, represents a significant leap forward in urban development and infrastructure improvement. It encompasses a wide range of enhancements and features, including the modification of junctions to achieve improved geometry, the introduction of table-top crossings, kerbs designed according to turning radius, yellow box junctions, and various road safety elements at these critical intersections. Pedestrian pathways have been integrated along the roads, offering safe and convenient access for pedestrians.

The demarcation of lanes and carriage-ways ensures smooth traffic flow, and kerb channel drains, along with road edge drains connecting to existing stormwater infrastructure, contribute to effective flood prevention and drainage management. The streets now boast street furniture such as benches and dustbins, making public spaces more comfortable and organized. Visitor facilities, including information kiosks, drinking water kiosks, and bio-toilets, have been thoughtfully added for the convenience of tourists and locals alike. Additionally, the project incorporates other features like bollards, ramps for the physically challenged, landscaping features, and plantations with tree guards to enhance the overall aesthetics and functionality of the area.

The utilization of materials like MS Railing, Granite, and Sandstone for the rotary work at Lahurabir adds a touch of elegance to the infrastructure. Drainage work from Maidagin crossing to Godowlia crossing and from Godowlia crossing to Girijaghar crossing has been successfully completed, along with pathways work from Maidagin to Godowlia Crossing. Column casting for the island work has been finished, and stone cladding work is in progress at the Maidagin crossing. PCC work from Bhelupur crossing to Sonarpura crossing has been completed after receiving the necessary permissions.

However, it's worth noting that the work from Maidagin to Godowlia has faced resistance, impacting its progress. The route description highlights the scope of the project, with various sections and routes undergoing significant transformations and improvements. The project has embraced a unique approach to urban revitalization, defining pedestrian walking spaces through creative paintings and artworks on the street-side, encouraging users to navigate the streets in a defined manner.

The concept of Technical Urbanism underscores the importance of maintaining the existing street level while creatively demarcating the road shoulders with paintings and landscape features. These artistic expressions honor the local culture and art, adding a distinctive character to the streets. Tactical Urbanism offers several advantages, including not raising pedestrian walkways, guiding pedestrians and vehicles through clear delineations, and providing a medium to celebrate the cultural identity and art forms of the city.

This project represents a remarkable fusion of infrastructure enhancement, urban beautification, and cultural preservation, all aimed at transforming the ABD area into a more functional, aesthetically pleasing, and culturally vibrant urban space. Additionally, the improvement and **upgradation of 8 road intersections in Varanasi**, Phase-I, emphasizes enhanced geometry, smoother entry-exit curves, pedestrian pathways, and the installation of high mast light poles, further enhancing the city's infrastructure and overall quality of life for its residents and visitors.

E-Bus Charging Station

The Design and Construction of Charging Stations for Electric Buses, a monumental project with a budget of **INR 21.64 Crores,** marks a pivotal step in the transition towards sustainable and environmentally responsible public transportation. This visionary undertaking encompasses a wide array of essential features designed to facilitate the charging and maintenance of **50 electric buses**.

At the heart of this project are the state-of-the-art charging solutions, catering to the growing fleet of electric buses. These charging stations are complemented by crucial infrastructure, including an office space and a comfortable drivers' rest area to ensure that the workforce is well-supported and equipped.

An electric substation is a fundamental component, providing the necessary power infrastructure to charge the buses efficiently. To maintain the fleet's operational readiness, the project includes a dedicated pump room and a substantial **25,000-liter R.C.C.** overhead tank. A washing bay equipped with a compressor room and tank ensures the buses remain in pristine condition, while a workshop block addresses any maintenance or repair needs.

The project embraces sustainability with features like rainwater harvesting and the inclusion of a borehole and submersible pump, reducing the facility's environmental footprint. Horticultural and landscaping works add a touch of greenery to the surroundings, enhancing the overall aesthetics of the charging station.

A mild steel entrance gate marks the entrance, adding a sense of security and order to the facility. An engineered steel structure shed for electrical works is designed to house the electric buses, providing shelter and protection.

Overall, this project is more than just charging stations; it's a comprehensive infrastructure investment in the future of urban transportation. It underscores a commitment to clean energy, sustainable practices, and the modernization of public transit to meet the evolving needs of both the city and the environment. Varanasi's transition to electric buses marks a significant step towards a cleaner, greener, and more sustainable future for the city and its residents.

Carbon Credit Monetization Program

Varanasi Smart City Ltd, with a vision for a sustainable and environmentally conscious future, has taken substantial initiatives in reducing greenhouse gas emissions through its various projects while actively engaging in carbon credit monetization.

By implementing innovative and eco-friendly urban development strategies, the organization is striving to mitigate the environmental impact of urbanization. Varanasi Smart City Ltd's projects incorporate green infrastructure, energy-efficient technologies, and waste management systems, which significantly contribute to the reduction of carbon emissions. Varanasi Smart City Ltd's commitment to environmental stewardship is further exemplified through their proactive involvement in carbon credit monetization. By effectively measuring and monetizing the carbon credits generated through their initiatives, Varanasi Smart City Ltd not only finances their sustainability efforts but also sets an inspiring example for other smart cities to follow. This multifaceted approach not only enhances the quality of life in Varanasi but also paves the way for a greener and more sustainable future.

One standout achievement is the **Gobardhan Bio CNG plant**, a shining example of their success in reducing emissions while contributing to the local economy. This bio-CNG plant transforms organic waste, including agricultural residue and kitchen waste, into clean and renewable Compressed Natural Gas (CNG). By doing so, it not only mitigates the release of methane, a potent greenhouse gas, but also reduces the reliance on traditional fossil fuels for energy generation and transportation.

Varanasi Smart City Ltd's carbon credit monetization strategy involves quantifying the emissions saved through projects like the Gobardhan Bio CNG plant and subsequently trading these carbon credits on global markets. The revenue generated from this endeavor is reinvested into further sustainable development initiatives, creating a virtuous cycle of environmental preservation and economic growth.

Rs. 23 Cr Project Cost	**2500 Kg** CNG Per Day	**30,000 Kg** Manual per Day
40,000 Liter Liquid Fertilizer	**70 Ton** Main Digestor Capacity	**20 Ton** Secondary Digestor

Boat Conversion

The conversion of diesel/petrol driven boats into CNG boats in the river Ganga is a significant initiative aimed at reducing pollution and improving air quality in Varanasi. This Project of boat conversion was inaugurated by **Prime Minister on July 7th 2022**. The project is . carried out by Varanasi Smart City Ltd. in collaboration with **GAIL (India) Limited**.

The conversion of the boats to CNG had a substantial positive impact on the environment. CNG boats emit **90%** fewer pollutants compared to diesel/petrol boats, thereby contributing to cleaner air and a healthier ecosystem along the river Ganga.

The work of converting the boats was completed within a year, indicating the government's commitment to timely implementation and effective pollution control measures.This initiative is not only a crucial step in reducing pollution in the river Ganga but it also improves the overall air quality in Varanasi, benefitting the residents and visitors to the city.The project has generated employment opportunities and stimulated the local economy, further contributing to the region's development.The CNG boats is equipped with CNG engines and CNG tanks, enabling them to operate efficiently and with reduced eMissions.To facilitate the use of CNG as a fuel, GAIL (India) Limited has established CNG stations where the CNG tanks of the boats can be filled.

The government has provided subsidies to support the operation and maintenance of the CNG boats, promoting their adoption among boatmen and encouraging sustainable practices.The conversion of boats from diesel/petrol to CNG is a significant step towards the restoration and preservation of the river Ganga. By reducing pollution and improving air quality, the project aims to create a cleaner and healthier environment for the people of Varanasi. It underlines the government's commitment to improving the quality of life and promoting sustainable practices in the region.

The following are some of the benefits of converting diesel/petrol boats to CNG boats:

Reduced pollution: CNG is a cleaner fuel than diesel or petrol, so converting boats to CNG has helped to reduce pollution in the river Ganga.
Economical: CNG is a more economical fuel than diesel or petrol, so converting boats to CNG will save boat owners money on fuel costs.
More efficient: CNG engines are more efficient than diesel or petrol engines, so converting boats to CNG will improved the boats' fuel economy.
Less noise: CNG engines are quieter than diesel or petrol engines, so converting boats to CNG will reduce noise pollution in the river Ganga.

Rs. 29.7 Cr	694	July 7, 2022
Project Cost	Boats Converted to CNG	Inaugration

Bus Stops

The Bio CNG Plant at Varanasi Shahanshahpur Gau-Ashray Kendra is a project of the Uttar Pradesh government. The plant was inaugurated on 25 October, 2021 by the Chief Minister of Uttar Pradesh, Yogi Adityanath. The plant has a capacity of producing 1000 kg of Bio CNG per day. The Bio CNG isbeing used to fuel the buses of the Uttar Pradesh State Road Transport Corporation (UPSRTC).

The construction work of the plant is started in July 2021 and is completed in October 2021. The plant has been set up by the UP State Bio CNG Development Corporation Ltd. (UPSCBDCL). The plant uses the dung of the cows in the Gau-Ashray Kendra to produce Bio CNG. The dung is first converted into biogas and then the biogas is converted into Bio CNG.

The construction this project has helped in reducing the pollution in the city and saving the environment by reducing the dependence on fossil fuels making it a sustainable source of energy.It has also generated employment opportunities for the people of Varanasi .

The Bio CNG plant is a major step towards the development of the city of Varanasi. The plant has also helped in making the city a cleaner and greener place to live.
Benefits: The plant has helped in reducing pollution, generate employment, and provide clean fuel for vehicles.

The Bio CNG Plant at Varanasi Shahanshahpur Gau-Ashray Kendra has several benefits, including:

Reduces pollution: The plant has help to reduce pollution by converting cow dung and other organic iste into biogas. Biogas is a clean-burning fuel that produces less eMissions than fossil fuels.
Generates employment: The plant is expected to generate 1000 jobs during construction and operation.
Provides clean fuel for vehicles: The biogas produced by the plant can be used to fuel vehicles, such as buses and taxis. this has help to reduce air pollution and improved air quality in Varanasi.
Increases income for farmers: The plant has provide an additional source of income for farmers who sell their cow dung to the plant.
improveds the environment: The plant has helped to improved the environment by reducing pollution and increasing the use of renewable energy.

90
वाराणसी
VARANASI
स्मार्ट सिटी वाराणसी

Shahanshahpur Biogas Plant

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Increases income for farmers: The plant has provide an additional source of income for farmers who sell their cow dung to the plant.

Improved the environment: The plant has helped to improved the environment by reducing pollution and increasing the use of renewable energy.

BASIC BY NIUA

National Institute of Urban Affairs (NIUA) and Varanasi Smart City Ltd (VSCL) and Varanasi Nagar Nigam (VNN) have formalized a MoU under the Building Accessible Safe Inclusive Cities program supported by FCDO.

The partnership was formalized in April, 2020. The program has also setup a Technical Assistance Support Unit (TASU) at NIUA to support the partner cities in mainstreaming disability inclusion in urban development.

BASIIC through the TASU has been extending strategic support to VSCL & VNN for their ongoing and pilot implementation projects. Moreover TASU is also facilitating the exchange of knowledge, disseminate learnings from global/national practices, and for mainstreaming inclusive reforms at the institutional and policy level.

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Project Name Machhodari Smart School
Budget
Status Completed
Beneficiaries Children and Young adults Students with disabilities Women Transgender Community Urban poor
Design Parameters Accessible boarding and alighting space. Provision of parking bays especially for persons with disabilities. Ramps with grab rails built at the main entrance of the school premise. Accessible entrance of the multipurpose hall to facilitate barrier free accessibility for children with locomotor disabilities. Grab rails along the staircase. Accessible toilet in each floor. Ergonomically designed drinking water facilities easily accessible for wheelchair users. Wide corridors for easy navigation by a wheelchair user. Well-lit corridor/hallways for better navigation for person with low vision. Provision for CCTV for security and surveillance purpose. Provision of an elevator in each floor Inclusive Playground.

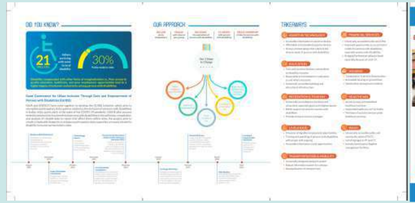
Project Name Rudraksha International Cooperation and Convention Centre, Varanasi
Budget
Status Completed
Beneficiaries Citizens of the city Tourists Persons with disabilities Women Children Elderly Persons
Design Parameters Barrier free entrance and exit. Reserved Parking for persons with disability (both at the entrance and basement parking). Spacious and obstruction free corridors. Staircase with grab rails. 3D signage placement across the convention centre. Braille signage in the elevator. Tactile Paths Universally designed toilets. Wheelchair friendly auditorium. Accessible spectators/viewing position for wheel chair users. Automatic light system that replaces the need to find and touch switch boards.

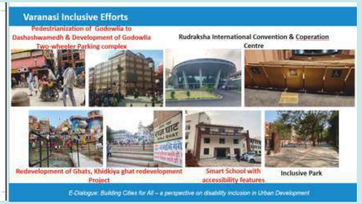
Project Name Redevelopment of Dr. Sampoornanand Stadium, Varanasi
Budget
Status Ongoing Project
Beneficiaries Persons with disabilities Sports Persons Women Children Elderly Persons | Citizens of the city | Tourists
Design Parameters A barrier free stadium should include the following elements: Good signage and wayfinding to support orientation on the approaches, to and exits from the stadium while considering the needs of people with sensory impairments, visual and hearing impairments. Adequate space should be allocated for persons using mobility devices, e.g., wheelchairs, crutches and walkers, aswell as those walking with the assistance of other persons.(Provisions for other types of disability considered as per RPwD Act, 2016). Accessible mode of public transport and adequate provision of accessible parking bays. Accessible parking bays should include a 1200mm safety zone on both sides of each bay to accommodate adriver or a passenger with disabilities. Accessible bays should be located as close as possible to the entrance and not more than 100m with restingplaces including seating provided every 50m. Accessible Entry and Exit Points including accessible vertical circulation around the building. Appropriate provision of wheelchair accessible viewing positions in the stadium to offer a choice of good vantagepoints including when spectators in front are standing.Appropriate accessible toilet provision in close proximity to accessible seating areas and co-located with othertoilet facilitiesInfrastructure to support key disability sports including Boccia, Goal Ball, Swimming, Table Tennis, Volleyball,Wheelchair basketball and tennis. In addition to physical infrastructure, provisions for supplementary components could be considered e.g., Inclusive Digital Interventions that support disabled users i.e. (Mobile Apps, Maps, Smart Card, e-Kiosk, etc.)

Project Name Multi-Level Parking Godowlia Market
Budget
Status Completed
Beneficiaries Disable Friendly Parking
Design Parameters To Provide a much needed parking at Godowlia Chowk, to decongest the streets. Create an architectural heritage reflecting iconic building at a prominent junction of Varanasi.

Project Name Redevelopment and Landscaping of Beniya Bagh Park
Budget
Status Completed
Beneficiaries Persons with Disabilities (irrespective of age ability & gender). Women, Children, Older Persons, Transgender& Urban poor
Design Parameters Type of Intervention - Inclusive Recreational Spaces Targeted Beneficiaries

Project Name Ghats Redevelopment
Budget
Status Completed
Beneficiaries To assist the wheelchair users to access the ghats and witness the Ganga Aarti. It would also improve the connectivity to the ghats areas by creating scope for levelling the road, pedestrian infrastructure, separate lanes for persons with disabilities and a dedicated parking zone to reduce the congestion caused by the haphazard traffic movement
Design Parameters The UP government, on Jan 1st, 2020, has released half of the 3-crore budget sanctioned by the Centre for redevelopment work in Assi, Manikarnika and Dashashwamedh ghats which are most visited (due to religious and ancient traditions) in Varanasi.7 The redevelopment work aims to ensure the integration of universal design elements (ramps, handrails, accessible toilets, braille signage and drinking water facilities etc.) The project would be executed in support of the Accessible India Campaign under the Government of India.





The Urban Learning Internship Program

TULIP

TULIP INTERNSHIP

Urban ecosystems with their complexities are spaces for discovery, learning and design of new solutions that require a steady stream of fresh minds to infuse creative and dynamic thinking. Globally, local governments engage with academic institutions by providing students and fresh graduates internship opportunities to assist in research and fieldwork, thus creating the lab-to-land transfer of innovative solutions. This is mutually beneficial to students in gaining exposure to the functioning of cities and also to local governments as new solutions evolve for the city and a pool of talent gets created for absorption in the market. Activating this triple helix of stakeholders can go a long way in unleashing India's demographic dividend and creating a talent pool that can pave the way for our cities becoming self-reliant.

TULIP has been envisioned to deliver the above by equipping the youth with problem-solving and critical thinking skills through hands-on, experiential learning in India's fast-growing urban ecosystem. Experiential learning opportunities in the urban sector will help transform them into future leaders. The flexible nature of the program provides for inclusivity and access, is ecosystem driven and built on the principles of federated architecture and transparency.

Varanasi Smart City has embraced the potential of youth by actively participating in the TULIP (The Urban Learning Internship Program) initiative. This forward-thinking approach to talent acquisition not only benefits the city but also empowers young minds. Through TULIP, Varanasi Smart City has opened its doors to a dynamic pool of interns who bring fresh perspectives, innovative ideas, and a digital-savvy approach to urban development. Young people are invaluable assets in shaping any organization, injecting vitality, adaptability, and a deep connection to the evolving needs of the community. The young-minds gain hands-on learning experience and exposure to real world project implementation and planning working at VSCL. It thus creates synergies between advancing functional skills in students and harnessing their potential to co-create solutions for the future of Varanasi.Varanasi Smart City truly recognizes that involving youth is not just an investment in their future, but a commitment to a brighter and more sustainable city for all.

Sagar Kannaujiya, Varanasi

My internship with Varanasi Smart City through the TULIP program was an incredible learning experience. I had the opportunity to work on cutting-edge technology projects like Advanced survelliance system, ITMS and gaining hands-on experience and expanding my skill set. The team was supportive and encouraged my growth. It has not only enhanced my technical knowledge but also allowed me to contribute to the development of a smarter and more sustainable Varanasi.

Karan Bhavsar, Rajkot

"My four-month internship at Varanasi Smart City Limited, where I focused on project management for the Sigra Sports Stadium construction, was a pivotal experience. It paved the way for my interview at Adani Road Transport Limited, thanks to the exceptional support of my team and the AICTE's Internship Website. The kindness, expertise, and collaboration of the Public Relations Officers and fellow interns made a lasting impact on me. This internship honed my project management, teamwork, communication, and adaptability skills, preparing me for success at Adani Road Transport Limited. I'm eager to apply the knowledge and passion gained here to my future endeavors."

Niharika Tiwari

During my TULIP internship at Varanasi Smart City Limited, I significantly enhanced my understanding of sustainable environments through active involvement in various projects, such as carbon credits, studying the protocols of GRIHA standards, and environmental impact assessments. My dedication was readily recognized by the extremely capable and effecient authorities at VSCL, leading to my full-time employment as a Junior Environmental Scientist, where I continue to contribute to these vital projects and further expand my expertise in environmental science and sustainable practices.

Ritika Shahi, Indore

During my role as a finance intern at VSCL, I fostered a dynamic learning and innovation environment for government projects. My experience revealed the intricacies of public sector finance management, showcasing how government funds positively impact society. I handled budget analysis, forecasting, cost assessment, and financial modeling, gaining practical insights into public finance. This underlined the direct influence of government financial decisions on citizens' lives, emphasizing the importance of sound financial management in the public sector.

Amna Iqbal, Varanasi

My internship with Varanasi Smart City through the TULIP program has been a transformative experience. Working Administration and office management Department, I gained invaluable insights into efficient organizational processes and teamwork. The mentorship and support I received were exceptional, enhancing my skills and confidence.The guidance provided has helped me foster both personal and professional growth. I'm grateful for the opportunity to contribute to such a forward-thinking organization and excited to continue my journey in this truly wonderful organisation.

MEDIA CLIP.....

'स्मार्ट' होने लगे बनारस के मोहल्ले

REALITY CHECK: विकास मदद, निगरानी तकनीक अनुपालन तक एक ही उदाहरण, इसकी तकनीकों तक के लिए नियोजित अनुसंधान अनुसंधानों और नीतियों के उपयोगकर्ता और अनुसंधानकर्ता की भूमिका निभाने वाले नीति-निर्माता और उपयोगकर्ता के बीच संवाद को बढ़ावा देने के लिए, अनुसंधान और नीति के बीच की दूरी को कम करने के लिए, विकास नीति निर्माताओं के लिए उपयोगी साक्ष्य तैयार करने के लिए, अनुसंधान परिणामों को नीति में शामिल करने के लिए, अनुसंधान संस्थानों के लिए उपयोगी साक्ष्य तैयार करने के लिए, अनुसंधान संस्थानों के लिए उपयोगी साक्ष्य तैयार करने के लिए।

Old Kashi getting a new face

Hindustan Times

The Smart City mission is equipping Varanasi with modern amenities while attempting to preserve its heritage

Sudhir Kumar

VARANASI: Old Kashi is on the cusp of change. Its quintessence is getting a modern face. And the Varanasi Smart City mission is propelling this move forward for the ancient city. Even so, snapshots of the two facets, the old and the new, co-exist side by side.

At daybreak, one can still see people taking a dip in the holy water in the Ganga and taking a body dip in the river in the city considered holy by Hindus.

Not far from this vignette of Varanasi's spiritual life, the city's "busiest" Godowlia crossing now has a multi-storey smart parking facility built at a cost of Rs 19 crore. Serpentine lanes in the Dashashwamedh Ghat and five other ghats have been revived by Municipal Corporation or Varanasi Nagar Nigam have been repaired with square, plain cement concrete tiles and beautified as part of the Varanasi Smart City mission. Soothing paintings with religious themes adorn the walls of these lanes.

The iconic ghats have smart heritage signage. Landscaping has been done near overhead tanks. A smart school has been built at a cost of Rs 5 crore and an estimated cost of Rs 15 crore. It is equipped with smart classrooms, theatre, playing area and skill development centre. Potable water supply pipelines are being renewed in six municipal wards. The Smart City mission has also given a facelift to parks.

The change has come about in the Varanasi Smart City project. Varanasi is one of the 100 cities being equipped with smart facilities under Smart Cities Mission (SCM) launched by the BJP government at the Centre in 2015.

Varanasi Smart City Limited was formed to carry forward the mission in Kashi. It came up with 15 projects, including a project for the redevelopment of old Kashi, construction of the three screens for the devotees. The multi-level smart parking facility, the renovation of ghats, beautification of parks and overhead tanks, preservation, repairing and beautification of lanes of Kashi, said Shakambhari Nandan Sonthalia, public relations officer, Varanasi Smart City.

Sonthalia said a survey identified the areas in which development works was needed on priority. The survey revealed that electric cables and telephone pipelines were very old in Varanasi's old city areas, including Dashashwamedh Ghat, Asni Bhairav ward, Rajmandir Ghat, Jangamwadi ward, Kameshwar Mahadev ward and Gharwani Tola ward.

Both the water supply line and sewage system were laid in 1932 as per the records. They were in dilapidated state.

Now, the old water pipelines are being replaced with new ones and the sewer system was being renewed. Over 60% work in these VMC area wards has been completed and the remaining work is 40% likely to be completed by November.

Equipping the iconic ghats of Varanasi with smart heritage signage involved an expenditure of about Rs 5 crore.

Lanes of Kashi (weather-resistant, signage with anti-inflectory note has been set up at each ghat. Sculptures have also been installed at some ghats, including Asni Ghat.

Giant LED screens have been installed at six locations, including Assi Ghat, Dashashwamedh Ghat, Rajendra Prasad Ghat, Raj Ghat, Godowlia and Varanasi Cantt station, said Sonthalia. He added that live streaming of Kashi Vishwanath temple and

(Clockwise) A multi-level parking facility near Godowlia crossing, a beautified lane with a mural painting on a wall in Old Kashi and heritage signages at Assi ghat in Varanasi. HT PHOTO

(primary and upper primary continued) in Mudubhari, development of smart parking, road tanks, preservation, repairing and beautification of lanes of Kashi, said Shakambhari Nandan Sonthalia, public relations officer, Varanasi Smart City.

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Giant LED screens have been installed at six locations, including Assi Ghat, Dashashwamedh Ghat, Rajendra Prasad Ghat, Raj Ghat, Godowlia and Varanasi Cantt station, said Sonthalia. He added that live streaming of Kashi Vishwanath temple and the Cantt area, in one such location, is being provided through 720 locations and 25 of them will be equipped with state-of-the-art surveillance cameras. Camera installation work has also begun, and it is likely to be completed by end of this year, said Sonthalia.

The advance cameras to be installed at Godowlia, BHU gate and several other important places will be connected to the Kashi Integrated Command and Control Centre.

As soon as any person violates the rules, such as not bound not wearing helmet or a bike has three riders, the camera will capture the vehicle number and send an alert. Similarly, these cameras will record the footage of the crowded and congested areas. Once the cameras are installed, the entire security system will be smart, said Sonthalia.

Rajesh Kumar, general manager of Varanasi Smart City Ltd, said, "While trying to preserve the heritage, cultural and religious characteristics of the ancient city of Kashi, Varanasi smart city is adding to various facilities to the city by using information technology, modern trends like artificial intelligence to enhance the safety, security, quality of life and liability of the citizens.

"But everyone is not satisfied. The work is underway to 720 locations and 25 of them will be equipped with state-of-the-art surveillance cameras. Camera installation work has also begun, and it is likely to be completed by end of this year.

काशी की गलियां बन रहीं फोटो शूट डेस्टिनेशन

हिन्दुस्तान टाइम्स संवाददाता

बनारस के घाट, गलियां लोगों को स्वच्छ के पुनरुत्थान के लोगों के लिए आकर्षण का केंद्र रही हैं। इन दिनों यहां की गलियां फोटो शूट डेस्टिनेशन बन गई हैं।

सीसता मीडिया पर स्मार्ट सीटी के आयाम लोग विशुद्धिकर शहर के साथ फोटोशूट करवा रहे हैं।

स्मार्ट सिटी के रिजल्ट हेडल पर लगे बोर्डों, पोस्टरों देख रही हैं। इसमें वो बैठकर शूट के लिए एक कपल बनारस पहुंचा था जिसका बोर्डों पोस्टरों के साथ फोटो शूट हो रहा है। इसमें वो बैठकर शूट करवा रहे हैं।

स्मार्ट शहर

- केरलुक एक पर बीडिओ की लिंक रही देर लगी लाइक
- स्मार्ट सिटी के रिजल्ट हेडल पर भी देर की गई क्लीकी

बहुत लाइक किया जा रहा है। इसेर लगाकर भी बनारस घाट स्मार्ट सीटीज में फोटो शूट करने का प्रलोभन दे रहे हैं और अपने रिश्ते के संतोषन कर रहे हैं। डीटेटल मार्केटर भी लोगों के लिए डेस्टिनेशन बन गया है। इन दिनों हेरिटेज एन्हांसमेंट एंड सिटी सौंदर्यीकरण कराया रहा है।

स्मार्ट सिटी

- लिंक लाइक्स 2021 में प्रारंभ
- 200 बार पहिया वाहन की क्षमता
- 150 दो पहिया वाहन की क्षमता
- 11 बजे रात तक सेवा
- 29 हजार बार पहिया वाहन अब तक खड़े हुए
- 11 हजार दो पहिया वाहन अब तक खड़े हुए
- 1 घंटे के लिए 25 रुपये प्रति चार पहिया वाहन
- 1 घंटे के लिए 5 रुपये प्रति दो पहिया वाहन

मोतीलाल पार्किंग

- 16 जुलाई 2021 में प्रारंभ
- 375 दो पहिया वाहन की क्षमता
- 10.30 बजे रात तक सेवा
- 65 हजार वाहन खड़े हुए अब तक
- 3 घंटे के लिए 20 रुपये प्रति वाहन

टाउनहाल पार्किंग

- 26 अक्टूबर 2021 में प्रारंभ
- 200 बार पहिया वाहन की क्षमता
- 150 दो पहिया वाहन की क्षमता
- 11 बजे रात तक सेवा
- 29 हजार बार पहिया वाहन अब तक खड़े हुए
- 11 हजार दो पहिया वाहन अब तक खड़े हुए
- 1 घंटे के लिए 25 रुपये प्रति चार पहिया वाहन
- 1 घंटे के लिए 5 रुपये प्रति दो पहिया वाहन

बेनियाबाग पार्किंग

- 24 दिसंबर 2021 में प्रारंभ
- 470 बार पहिया वाहन की क्षमता
- 130 दो पहिया वाहन की क्षमता
- 13 हजार बार पहिया व 46 भी दो पहिया वाहन अब तक खड़े हुए
- 25 रु. प्रति बार पहिया वाहन 1 घंटे
- 5 रुपये प्रति दो पहिया वाहन 1 घंटे

काशी के सुनियोजित स्वच्छ बनाने के बनारस की दीवारों पर लगे बोर्ड पोस्टरों संवाददाता का आकर्षण बन रहे हैं। • फोटोग्राफ

पर्यावरण हित में शहरी नियोजन बेहद जरूरी

वाराणसी। स्मार्ट सिटी की ओर से सोमवार को शहरी जलवायु परिवर्तन एवं स्थिरता विषय पर वेबिनार हुआ। मुख्य वक्ता डॉ. अनुपम पाण्डेय ने कहा कि पर्यावरण के शहरी पहलों को देखते हुए शहरी नियोजन की जरूरत है। डीन डायस सिंघी का उपस्थान करने के लिए हर नागरिक को अपनी जिम्मेदारी समझनी होगी। मंडलायुक्त दीपक अग्रवाल ने कहा कि दैनिक जीवन में कुछ बदलाव लाने से भी हम इस समस्या के समाधान में अपना योगदान दे सकते हैं। सीजीएम डॉ. डी. वासुदेवन ने कहा कि नवीकरणीय ऊर्जा के उपयोग को बढ़ावा देना चाहिए।

दिव्यांगजन की सुविधा का रखा जाएगा ध्यान

जल, जंगल, नेशनल इंस्टीट्यूट आफ आर्ब्ज अथॉरेंस की ओर से कार्यालय विभिन्न एक्सीलेंसन योग इनक्लूसिव डिवेन सिटीज पोशन के सहयोग से सीमाया को हुए ई-संवाद में विचारों का आदान-प्रदान किया गया। सार्वभौमिक रूप से सुलभ और समावेशी भारतीय शहरों को विकसित करने पर परिचर्चा की गई। स्मार्ट सिटी कंपनी के मुख्य महाप्रबंधक डा. डी. वासुदेवन ने शहर को केन्द्र बिन्दु मानकर के अध्यापन में अपना योगदान देखकर हैं। सीजीएम डा. डी. वासुदेवन ने कहा कि नवीकरणीय ऊर्जा के उपयोग को बढ़ावा देना चाहिए।

गंगा घाटों को दिव्यांगों के लिए बनाएंगे सुगम

वाराणसी। स्मार्ट सिटी की ओर से सोमवार को हुआ। इसमें नेशनल इंस्टीट्यूट ऑफ आर्किटेक्ट एंड अथॉरेंस की ओर से कार्यालय विभिन्न एक्सीलेंसन योग इनक्लूसिव डिवेन सिटीज पोशन के सहयोग से बनाया गया। इसमें भारतीय शहरों को विकसित करने पर परिचर्चा की गई। स्मार्ट सिटी कंपनी के मुख्य महाप्रबंधक डा. डी. वासुदेवन ने शहर को केन्द्र बिन्दु मानकर के अध्यापन में अपना योगदान देखकर हैं। सीजीएम डा. डी. वासुदेवन ने कहा कि दिव्यांगों के लिए सुगम काशी बनाने का प्रयास स्मार्ट सिटी कर रही है। स्मार्ट सिटी की ओर से शहर में कई जगहों पर दिव्यांगों के लिए प्रबंध किए गए हैं। उन्होंने विशेषकर घाटों को दिव्यांगों के लिए सुगम बनाने की बात कही। कार्यक्रम में शहरी एवं आवास मंत्रालय, नेशनल इंस्टीट्यूट ऑफ आर्ब्ज अथॉरेंस, आर्ब्ज इंस्टीट्यूट ऑफ लोकल सेल्फ गवर्नमेंट आदि के वक्ता शामिल रहे। भाषा

गंगा घाटों को दिव्यांगों के लिए बनाएंगे सुगम्य

वाराणसी। स्मार्ट सिटी की ओर से सोमवार को हुआ। इसमें नेशनल इंस्टीट्यूट ऑफ आर्किटेक्ट एंड अथॉरेंस की ओर से कार्यालय विभिन्न एक्सीलेंसन योग इनक्लूसिव डिवेन सिटीज पोशन के सहयोग से बनाया गया। इसमें भारतीय शहरों को विकसित करने पर परिचर्चा की गई। उन्होंने कहा कि शहरों को दिव्यांगों के लिए सुगम बनाने की बात कही। कार्यक्रम में शहरी एवं आवास मंत्रालय, नेशनल इंस्टीट्यूट ऑफ आर्ब्ज अथॉरेंस, आर्ब्ज इंस्टीट्यूट ऑफ लोकल सेल्फ गवर्नमेंट आदि के वक्ता शामिल रहे।

स्मार्ट सिटी की ओर से हुई संवाद में काशी में और विकास कार्यों पर की गई चर्चा

पत्रिका न्यूज नेटवर्क

वाराणसी। स्मार्ट सिटी की ओर से सोमवार को हुआ। इसमें नेशनल इंस्टीट्यूट ऑफ आर्किटेक्ट एंड अथॉरेंस की ओर से कार्यालय विभिन्न एक्सीलेंसन योग इनक्लूसिव डिवेन सिटीज पोशन के सहयोग से बनाया गया। इसमें भारतीय शहरों को विकसित करने पर परिचर्चा की गई। उन्होंने कहा कि शहरों को दिव्यांगों के लिए सुगम बनाने की बात कही। कार्यक्रम में शहरी एवं आवास मंत्रालय, नेशनल इंस्टीट्यूट ऑफ आर्ब्ज अथॉरेंस, आर्ब्ज इंस्टीट्यूट ऑफ लोकल सेल्फ गवर्नमेंट आदि के वक्ता शामिल रहे।

E-dialogue held on making cities inclusive for differently abled

Times News Network

A dialogue organised by the Varanasi Smart City in progress on Monday.

Varanasi: In conversations with experts from the National Institute of Urban Affairs (NIUA) and National Institute of Architectural Affairs (NIAA) on Monday, officials from the Varanasi Smart City Limited (VSCL) discussed ways to make the Ganges, Dashashwamedh Ghat, Manikarnika Ghat, Harishchandra Ghat and other cities more welcoming and inclusive for differently abled people. Advocates of urban

बनारसियों को भा रहीं नई पार्किंग व्यवस्था

गोदौलिया, बेनियाबाग और टाउनहाल पार्किंग से 24 लाख 28 हजार की आय

जागरण संवाददाता, वाराणसी : स्मार्ट सिटी योजनों की ओर से कई पार्किंग की उपयोगिता को देखकर अब कोई नहीं कह सकता कि बनारस में लोग ट्रैफिक नियमों के अनुपालन में अनदेखी करते हैं। शहर में नवनिर्मित पार्किंग गोदौलिया, बेनियाबाग (राजघाटवाला पार्क) और टाउनहाल का आकलन करने के बाद यह स्पष्ट हो गया है कि बनारस के लोग अब सड़कों पर नहीं, बल्कि पार्किंग में वाहन खड़ा कर रहे हैं। इन पार्किंग के नियोन बाद लोगों में उपयोगिता पर सवाल उठाए थे।

अब तीनों पार्किंग कार्य अवधि में खचाखच भर रहती हैं। तीनों पार्किंग से अब तक करीब 24 लाख 28 हजार रुपये राजस्व प्राप्त हुआ है। गोदौलिया पार्किंग ने अब तक अकेले 13 लाख रुपये का आंकड़ा पार कर लिया है। इस पार्किंग में डिहरी दो पहिया वाहन खड़े होते हैं। वहीं, टाउनहाल की पार्किंग से करीब सात लाख 25 हजार रुपये के दो पहिया वाहन से करीब 55 हजार की आय हुई है। बेनियाबाग पार्किंग से करीब तीन लाख 48 हजार रुपये की आय हुई है जिसमें चार पहिया वाहन से करीब तीन लाख 25 हजार रुपये व दो पहिया वाहन से करीब 23 हजार रुपये की आय हुई है। यानी तीनों पार्किंग से करीब 24 लाख 28 हजार रुपये की आय हुई है। • जागरण

स्मार्ट सिटी

- जिला गोदौलिया पार्किंग ने पार किया 13 लाख राजस्व का आंकड़ा
- अब बजरे अवधि में खचाखच भर रही है बेनियाबाग

गोदौलिया पार्किंग

- 16 जुलाई 2021 में प्रारंभ
- 375 दो पहिया वाहन की क्षमता
- 10.30 बजे रात तक सेवा
- 65 हजार वाहन खड़े हुए अब तक
- 3 घंटे के लिए 20 रुपये प्रति वाहन

टाउनहाल पार्किंग

- 26 अक्टूबर 2021 में प्रारंभ
- 200 बार पहिया वाहन की क्षमता
- 150 दो पहिया वाहन की क्षमता
- 11 बजे रात तक सेवा
- 29 हजार बार पहिया वाहन अब तक खड़े हुए
- 11 हजार दो पहिया वाहन अब तक खड़े हुए
- 1 घंटे के लिए 25 रुपये प्रति चार पहिया वाहन
- 1 घंटे के लिए 5 रुपये प्रति दो पहिया वाहन

बेनियाबाग पार्किंग

- 24 दिसंबर 2021 में प्रारंभ
- 470 बार पहिया वाहन की क्षमता
- 130 दो पहिया वाहन की क्षमता
- 13 हजार बार पहिया व 46 भी दो पहिया वाहन अब तक खड़े हुए
- 25 रु. प्रति बार पहिया वाहन 1 घंटे
- 5 रुपये प्रति दो पहिया वाहन 1 घंटे

Varanasi Smart City awarded in four categories in Surat ceremony

Bags Prestigious Covid Innovation Award For Remarkable Initiatives

Binay Singh | TNN

Varanasi: The Varanasi Smart City was awarded in four categories at a ceremony for the prize distribution ceremony of India Smart City Awards (Covid Innovation) in the Union ministry of urban and housing affairs in Surat, Gujarat on Monday.

Independent Director, Varanasi Smart City, Shakambhari Nandan Sonthalia, said, "The awards include, VSC VID Innovation Award, Smart City Covid Innovation City Award and Water Wise City.

"The award was attended by Union minister of housing and urban affairs, Hardeep Singh Puri, Union minister of state for housing and urban affairs, Kaushal Kishor, secretary of state for Bulkeya, Durga Shanker Mishra and others," he said.

"The awards were received by Varanasi Smart City Limited Managing Director, CEO, Pranay Singh, chief engineer Ajay Kumar Singh, Deputy Municipal Commissioner Shailendra Kumar Singh and others," he said.

Sonthalia said, "The awards were received by Varanasi Smart City Limited Managing Director, CEO, Pranay Singh, chief engineer Ajay Kumar Singh, Deputy Municipal Commissioner Shailendra Kumar Singh and others.

Sonthalia said, "Apart from the awards, Varanasi Smart City was awarded in the prize distribution ceremony of India Smart City Awards (Covid Innovation) in the Union ministry of urban and housing affairs in Surat, Gujarat on Monday.

Independent Director, Varanasi Smart City, Shakambhari Nandan Sonthalia, said, "The awards include, VSC VID Innovation Award, Smart City Covid Innovation City Award and Water Wise City.

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