



लक्ष्मेश्वरी लौक

Sri Mahakal Maharaaj Mandir Parisar Vistar Yojana



लक्ष्मेश्वर लौक

Sri Mahakal Maharaaj Mandir Parisar Vistar Yojana



FOREWORD

Shivraj Singh Chouhan

Hon'ble Chief Minister
Madhya Pradesh



महाकाल मंदिर में सृजन सौंदर्य और सुविधाओं का नव संगम

महाकाल मंदिर में नित्य निर्माण विकास विस्तार और सौंदर्यीकरण की परम्परा प्राचीन काल से रही है। इसी तारतम्य में हाल ही में मध्य प्रदेश सरकार के द्वारा मंदिर के समीप महाकाल लोक का निर्माण किया है। केन्द्र सरकार की स्मार्ट सिटी योजना के अंतर्गत कुल दो चरणों में होने वाले इस परियोजना निर्माण पर 856 करोड़ रू. खर्च होंगे जिससे परिसर व उससे जुड़े 20 महिमा-भूमि (स्पोर्ट्स) विकसित किये जायेंगे। इससे मंदिर का क्षेत्रफल वर्तमान के 2.82 हेक्टेयर से बढ़कर 47 हेक्टेयर से अधिक हो जायेगा।

इसकी परिकल्पना मध्यप्रदेश के महाकाल भक्त मुख्यमंत्री श्री शिवराज सिंह चौहान ने की और जिला प्रशासन सहित महाकाल मंदिर समिति ने अन्य संस्थाओं व विभागों के सहयोग से इसे साकार किया। इसका प्रथम चरण पूर्ण हो चुका है जो देश के यशस्वी प्रधानमंत्री श्री नरेन्द्र मोदी जी के कर कमलों से लोकार्पित होने जा रहा है।

MESSAGE



Ashish Singh

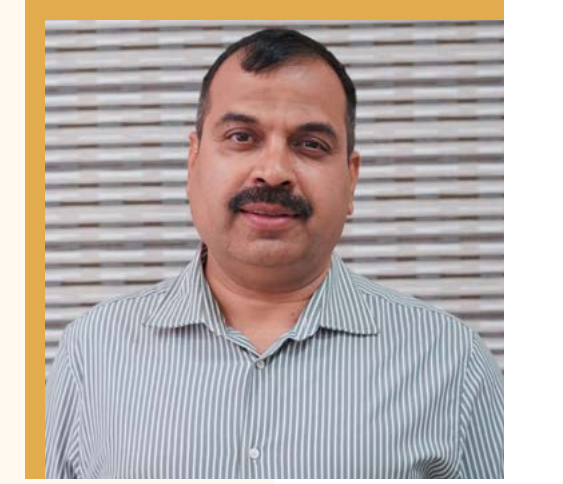
IAS, Collector
Ujjain, Madhya Pradesh

माननीय मुख्यमंत्री श्री शिवराज सिंह चौहान जी के द्वारा परिकल्पित "श्री महाकाल लोक" प्रोजेक्ट से जुड़ना अत्यन्त सुखद अनुभूति है।

श्री महाकाल लोक में आस्था, श्रद्धा, परम्परा का ध्यान तो रखा ही गया है, साथ ही आधुनिक तकनीक के माध्यम से श्रद्धालुओं को सुगम दर्शन के साथ साथ एक अनूठा अनुभव भी प्रदान होगा।

परियोजना की भव्यता और सुंदरता न केवल आगंतुकों को मंत्रमुग्ध कर देगी बल्कि आने वाली पीढ़ियों के लिए एक सांस्कृतिक विरासत को पीछे छोड़ देगी।

MESSAGE



Ashish Pathak

CEO
Ujjain Smart City

Protect, Preserve & Promote all forms of art and culture.

Sri Mahakal Maharaaj Mandir Parisar Vistar Yojana brings to life the Shivpuran.

The project takes forward the vision of making Ujjain the central node for promoting religious tourism to connect people with culture and traditions. At the same time, it aims to create livelihood opportunities and contribute to the city's economy. The scale and the magnanimity of the project is an achievement for Smart City Mission and will inspire many religious cities to scale up and learn from this experience.



लबोबेबो लोक

Sri Mahakal Maharaaj Mandir Parisar Vistar Yojana

MESSAGE



Ashwajit Singh

Founder & Managing Director
IPE Global Ltd.

Sri Mahakal Maharaaj Mandir Parisar Vistar Yojana is touted to be India's most technologically advanced religious site. A rendezvous of modernity and tradition, the project exemplifies the power of long-term thinking with a people-first approach to replenishing our rich cultural heritage.

Engaged closely with the project, our team of specialists at IPE Global Ltd, with their experience in the sector, has worked hard to ensure cutting-edge infrastructure and high-tech facilities to bring India's cultural legacy closer to its people. It gives us immense pride to be a part of this magnificent endeavour that has helped enliven the concept of 'Smart City' true to our greatest civilisational values.

MESSAGE



Anil Kumar Bansal

Director - Urban Infrastructure and Tourism
IPE Global Ltd.

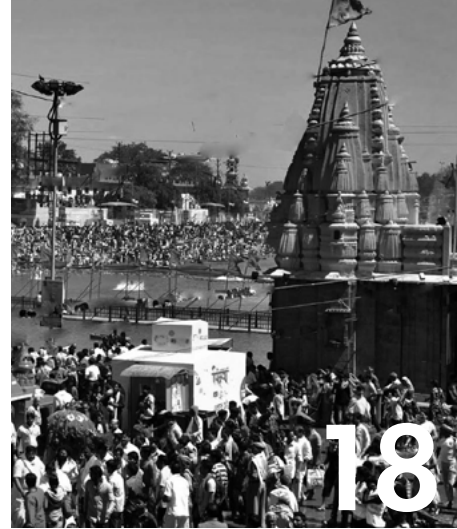
It was the far-seeing vision, divine faith and collaborative effort that helped make Sri Mahakal Maharaaj Mandir Parisar Vistar Yojana a grand success. The project involved various stakeholders brought together by Ujjain Smart City (USCL). Engaged in planning, designing and implementation stages, IPE Global supported USCL in detailing and execution of the project.

The journey was enthralling at every step. A common vision and strategic excellence helped seamlessly tie aspects like cultural sensibility, traditional values, technological foresight and sustainable development. The shining glory of this project will go beyond Ujjain and inspire many more cities to bring the best out of our heritage, ecosystem, economy and people the 'smart' way in the near future.

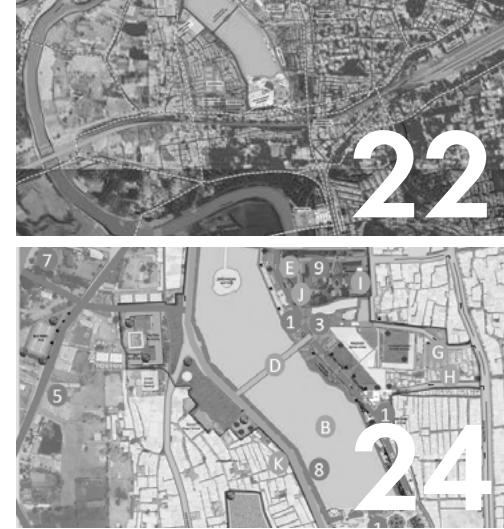
CONTENTS



14



18



22

24



28



36



40



44



48



16



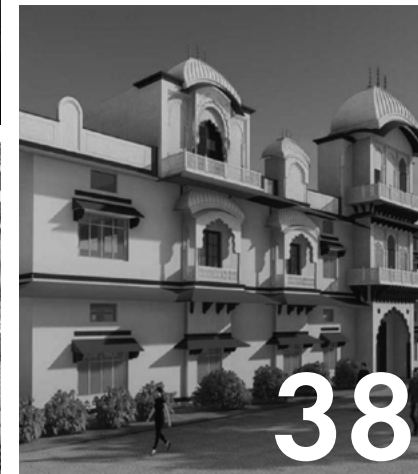
20



26



30



38



42



46

Ujjain - The City Of Temples

14-15

Mahakal Lok

16-17

Why the Need?

18-19

Development under Mahakal Lok

20-21

Mahakal Master Plan

22-23

Master Plan Phasing

24-25

Making an Impact with Mahakal Lok

26-27

Mahakal Lok Corridor

28-29

Mahakal Lok Plaza

30-35

Rejuvenation of Rudrasagar Lake

36-37

Conservation of Heritage

38-39

Visitor Experience of Mahakal Lok

40-41

Public Facilities at Mahakal Lok

42-43

Safety and Security

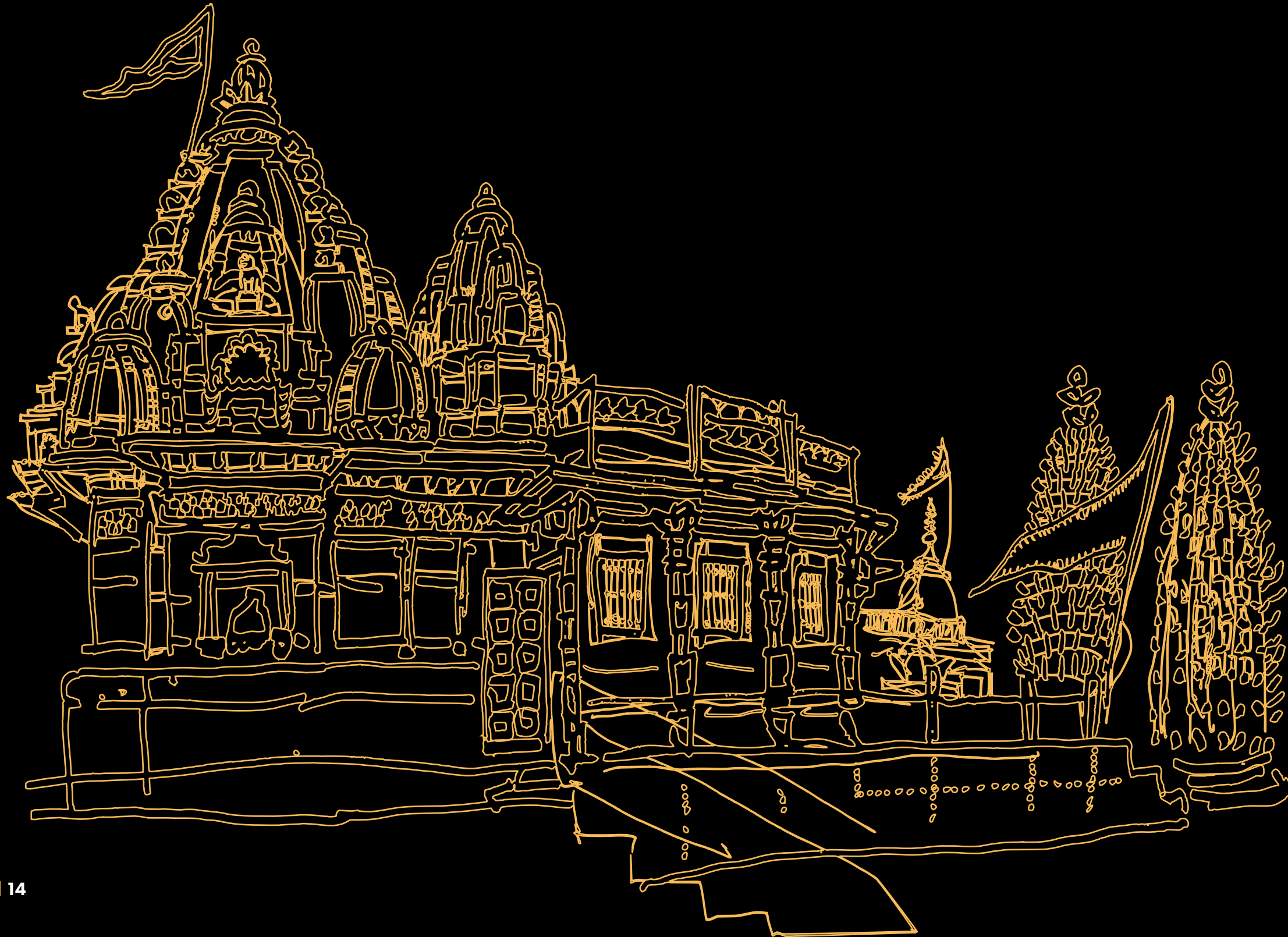
44-45

Stage-Wise Process of Mahakal Lok

46-47

Way Forward

48-49



Ujjain

The City Of Temples

Ujjain is an ancient town located in Malwa region of Madhya Pradesh and with the virtue of Shri Mahakaleshwar Temple and Kshipra River, it is a major pilgrim destination in the country. The Ujjain Mahakaleshwar Jyotirlinga is a Hindu temple dedicated to lord Shiva and is known among the 12 celebrated Jyotirlingas in India. Ujjain is also one of the 4 places where Kumbh Mela is organised once every 12 years.

As the city economy revolves around Mahakal Temple, Kshipra River and corresponding pilgrimage, the Mahakal Lok (Sri Mahakal Maharaaj Mandir Parisar Vistar Yojana) project synchronizes with priority and aspirations of citizens and stakeholders.

लक्ष्मणलोक



Sri Mahakal Maharaaj Mandir Parisar Vistar Yojana is a comprehensive development plan of Mahakaleswar Temple and precinct area which aims to improve the experience of visitors by decongesting the area, providing tourist infrastructure and providing aesthetically pleasing open spaces. Under Mahakal Lok the temple precinct has been expanded by approx. 7 times.

The project is planned and developed by Ujjain Smart City with the support from Ujjain District Administration, Ujjain Development Authority, Ujjain Municipal Corporation and Shree Mahakaleswar Temple Management Committee.

Huge Influx of Tourists

On an average weekday the pilgrim footfall in Mahakal Temple is around 25,000 per day, which increases to 50,000 and up to 1,25,000 on weekends and events consecutively. During Mahakumbh (Simhasth 2016) approx. 7.5 Cr pilgrims visited the city within a duration of 2 month. To accommodate and manage such influx of pilgrims the temple surroundings needed to be opened up to accommodate the pilgrims comfortably.



Limited Visibility of the Beautiful Rudrasagar Lake

Rudrasagar Lake was treated as backyard of the unauthorized colonies surrounding the temple and was also prone to encroachment. The boundary surrounding the lake and Parking along it was hindering the visibility of the beautiful lake.



Hindrance to Pilgrim Movement

The eastern and northern side of the temple are surrounded by the core city area and has city traffic hindering the pilgrim movement. The western and southern side is surrounded by Rudrasagar lake and government lands.





Mahakal Master Plan

To prepare a functional zoning plan, priority was to circulation followed by convenience and experience. The movement from Parking to Entry Gates, Plaza, Ticketing Kiosks, Mahakal Corridor, Eateries, Vending Zone, Visitor Facility and to the Temple has been planned seamlessly.

PHASE 1 primarily comprise of 900 mt. long Corridor with Plaza Area and facilities along the way. With parking to surveillance, Phase 1 is comprehensive on its own providing a complete experience and convenience to tourists.

PHASE 2 is expansion on eastern and northern fronts of temple which integrates with functionality of phase 1 to further, increase the holding capacity of Mahakal Lok. The phase 2 has been awarded funding by AFD (French Development Agency) and EU (European Union) under CITIIS program.

Master Plan Phasing

PHASE I (PROPOSED FOR INAUGURATION)

1. Mahakal Rudrasagar Integrated Development Approach (Mahakal Lok) Phase-1
2. Parking & Area Development with solar roof
3. Construction of Facility Centre 2 (Construction by Ujjain Development Authority from Mahakal Mandir Prabandh Samiti Funds)
4. Conservation of Mahakal Dwar & Ancient pathway of Ramghat (CITIIS)
5. Lal pul – Narsingh Ghat – Harsiddhi Square Smart Road
6. Facade lighting for beautification of historical Temples and heritage structures
7. Narsingh ghat Pumping Station and Pipeline (Kshipra River to Rudrasagar connection)
8. Development of Sewerage network in Rudrasagar catchment area (under AMRUT Scheme)
9. Façade lighting and sound system for Shri Mahakaleshwar temple complex
10. Electric Vehicles (EVs) for Mahakal Corridor & premise
11. Audio Guide



PHASE II (EXPECTED COMPLETION BY JUNE 2023)

- A. Conservation and adaptive reuse of Maharajwada I (CITIIS)
- B. Rudrasagar rejuvenation and its surrounds (CITIIS)
- C. Ramghat revitalisation (CITIIS)
- D. Pedestrian bridge on Rudrasagar lake
- E. Shikhar Darshan
- F. Meghdoot Van (Mannat Garden)
- G. Basement parking and vendors zone (CITIIS)
- H. Development of Neelkanth Van
- I. New waiting hall
- J. Emergency entry and exit
- K. Western edge development of Rudrasagar (R22, R25)
- L. Urdu school complex

Making an Impact with लक्ष्मणलोक



LIVELIHOOD CREATION

About 0.14 million+ livelihood opportunities are created through this project. Many local artists & labours got employment opportunities. About 350 workers will be involved in Operation & maintenance of Mahakal Lok Site.



IMPROVED VISUAL EXPERIENCE

Aesthetic Enhancement of immediate surrounding under phase 1 and 2 of Mahakal Lok will attract more tourist and will also appreciate the property value.



ECONOMIC GROWTH

A major part of city economy is directly or indirectly linked to pilgrimage tourism based around Mahakal Temple and other religiously significant temples of the city. Total 113 Shops have been developed under Mahakal Lok Phase 1. Existing footfall is 15 million+ per annum and after Mahakal Lok project it is expected to increase 2 folds.

Considering the tourist induced by Mahakal Lok project, the indirect economy of city is expected to increase to approx. INR 3 billion annually.

लक्ष्मण लोक Corridor



The Mahakal Path comprises of 108 stambhas (Pillars) which depicts Anand Tandav Swaroop (Dance form) of Lord Shiva. The stambhas are equipped with lights, surveillance cameras and public address system.

The Mural wall along the corridor is based on Shiv Puraan stories such as Act of Universe Creation, Birth of Ganesha, Story of Sati and Daksha, Creation of Veerbhadra, etc. This mural wall is 365 m long & 7.65 Metre in height

This wall was designed to maintain the aesthetic & segregate the settlements on periphery. Many religious sculptures depicting Lord Shiva life are installed along the Mahakal Path.

The path has religious trees such as Rudraksh, Bel, Parijat, Shami, Kailashpati, Saptaparni, Kadam,



લલોલોલો લોલ Plaza



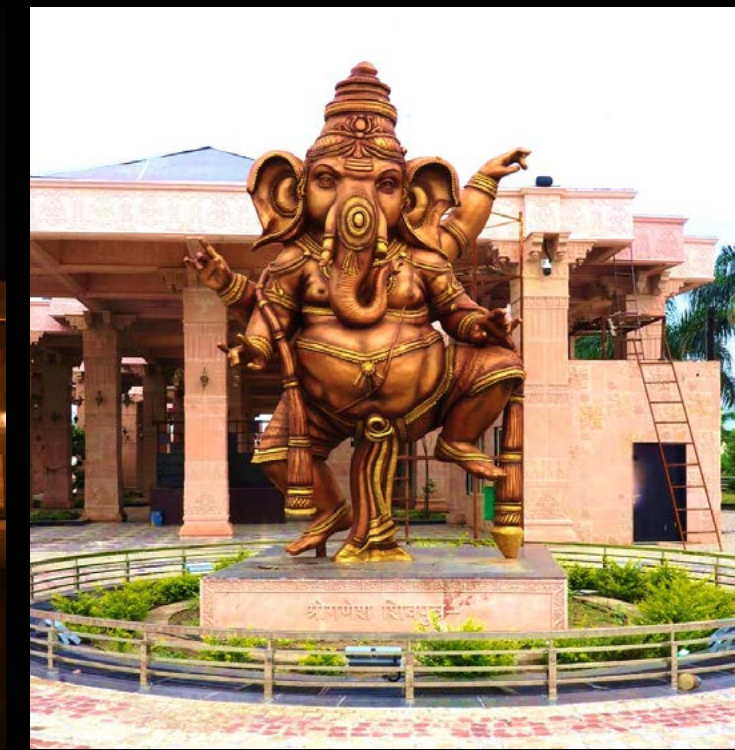
The Plaza area is spread over 2.5 Hectares which comprises of Nandi Dwar / Gate which is 26ft High. It is surrounded by Lotus pond which is 50m in diameter & contains the statue of Lord Shiva along with fountains.

The Shiv Stambh of 54ft. height with Panchmukhi Shiv on top, is surrounded by Saptarishis of 20ft height.



As per the Shiv puran, Ganesh & Kartikeya guarded the area, so that Lord Shiva could meditate. So, the statues of both are installed in similar manner at Triveni mandapam & Lotus Pond.

The Triveni mandapam has an area of 18,600 sq.ft. which will provide a shaded area for people to rest. The Open Air theatre in the plaza area has a capacity of 500 people. This will be used for Yoga, Art & Cultural Performance activities.



The plaza contains Navgraha Vatika which depicts 9 Planetary gods with Surya Graha at the Centre & other Graha around, forming a circle, This contains all graha stones & information panel on the back.



The Tripurasur Vadh depicting the battle between Lord Shiva & 3 demons is also installed. This sculpture has 25ft Height, 15ft width and 60 ft. in length.



The lake front lower deck provides visitor a better view of the lake. This contains a 111ft Shiv Vivah Mural wall.

Rejuvenation of Rudrasagar Lake

Removal of water hyacinth, dredging and desilting of lake has been done under the lake rejuvenation project of smart city which is co-funded under CITIS program.

To recharge the lake with storm water, the storm water drain of 3.2m X 5m has been constructed with mechanical screens, to block the incoming solid waste. For low rainfall scenario, pumping station along with treatment plant has been setup at Narsingh ghat to bring water from Kshipra river in Rudrasagar.



Rudrasagar is one of the 7 lakes of the city and has its religious and mythological importance mentioned in various scriptures. Rudrasagar lake is in the precinct of Mahakaleshwar temple and the lakefront has been developed under CITIS.

To reduce the pollution and control the wastewater discharge in the Rudrasagar Lake, USCL has taken various initiatives to revive the ancient lake. This also includes laying of Sewerage along the banks of lake.



Conservation of heritage

CONSERVATION AND ADAPTIVE REUSE OF MAHARAJWADA

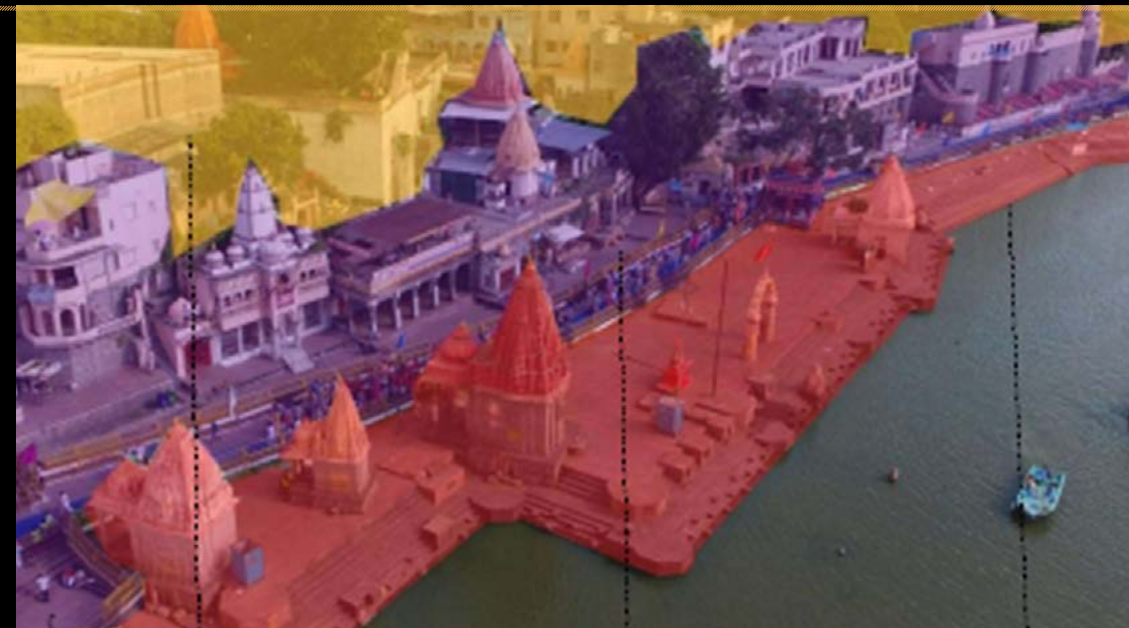
The Maharajwada building is about 80 year old structure near Mahakal temple which is now being conserved and converted for reuse as a heritage hotel. The hotel will contain about 32 rooms & ancillary activities along with a themed landscaped area.

As this location is situated topographically at a higher elevation, it becomes an important location for the visitors to get the best view of Mahakal Temple Shikhar & its precinct along Rudrasagar lake.



REVITALIZATION OF RAMGHAT

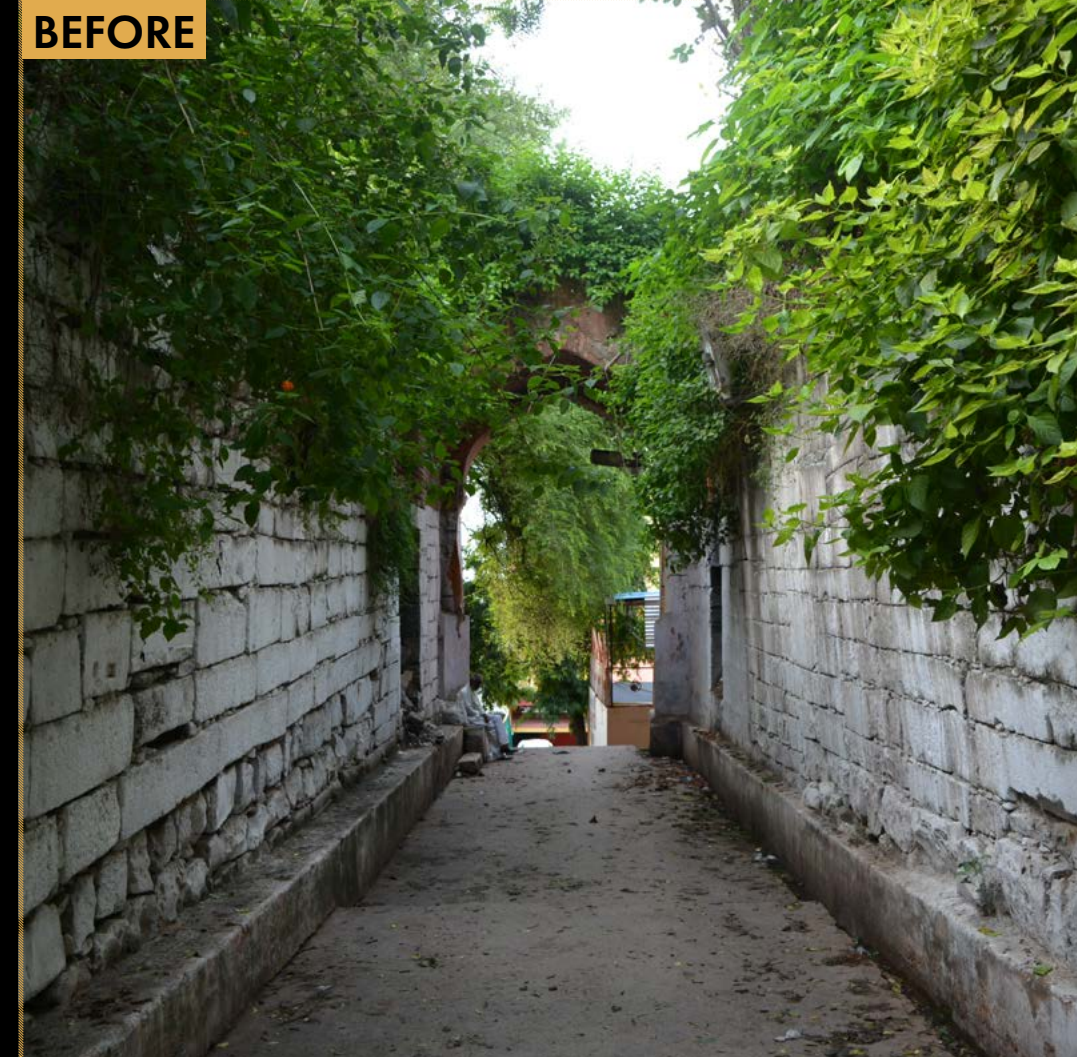
The Ramghat project aims for the conservation, development & nurturing of the site as an interactive destination for local community & visitors. This project is under construction & it is covered in Mahakal Lok Phase 2.



MAHAKAL DWAR

This was the ancient pathway which connected Ramghat to Mahakal temple. The conservation and development of pathway (77m length & 3.75m width) was done under early win projects of CITIIS. The Heritage wall & Mahakal Dwar (9m height & 9m width) were also conserved.

BEFORE



AFTER



Visitor Experience of लक्ष्मेश्वर लोका

LIGHTING AND BEAUTIFICATION

The Mahakaleshwar Temple & near by temples are equipped with modern lighting system. Million colours can be depicted through these LED lights. The sound system of the premise has also been upgraded and the light system is synchronised with sound.



LIGHT AND SOUND SHOW

Light and sound show has been proposed in the newly developed phase I project area. The light & sound show will be synchronized in tone with various sculptures, murals & water fountains of the project area. The water screen projection will be displayed along Rudrasagar lake.

Public Facilities at लक्ष्मणलोक

ACCESSIBILITY (PARKING, E-RICKSHAW)

The parking for 2 wheelers, cars & buses is situated near Triveni Museum. This parking space has capacity of 400 ECS (Equivalent Car Space). Universal accessibility is kept in mind while designing, so the premise contains adequate ramps & wheelchairs. The parking area also contains restroom & toilets for the visitors. solar plant of 400 KWH Capacity is installed in this premise for utilizing renewable energy. The solar panels will not only generate electricity but will also provided shade to the parked vehicles. There is space for 20 E-rickshaw parking in the premise where charging station is also installed. The parking capacity will get increased after the completion of Maharajwada 2 Complex and Meghdoot Van.



RECREATIONAL (RESTAURANTS, AUDIO GUIDES)

The area has recreational zones for kids, food courts, souvenir shops, florist shops in the premise with various lakefront decks and gazebos.



CONVENIENCE (TICKETING KIOSKS, PUBLIC TOILETS)

The plaza area contains Kiosks which will be utilized as multipurpose shops. Toilets for Male, female, Transgender & Handicapped are provided at various locations inside the premises.



Safety and Security



CROWD MANAGEMENT

For crowd movement, wide pathways, signages, ramps are provided. The number of exit points are more in the premise, so the pilgrims will exit out on higher rate and the incoming crowd will be managed easily.

SURVEILLANCE

The 24X7 surveillance of the premises is done via Night vision IR based bullet cameras (installed 195 in numbers) & Night vision dome cameras (installed 50 in numbers). The surveillance system is being monitored through ICCC officials & AI. A surveillance tower has also been constructed which will enable officials to keep an eye on the precinct area.

PA SYSTEM

Total 150 public announcement speakers are installed at various locations of the Mahakal Lok.

HEALTH AND FIRE SAFETY PROVISIONS

Team of doctors are always present on site. Ambulance facility has been provided in the premise to assist the needy.

Fire extinguishing system is installed at all prominent locations in the premises. Emergency pathway is also provided for safe & rapid evacuation.

Stage-Wise Process of लक्ष्मणलोक

STAKEHOLDER ENGAGEMENT

A consultative approach was adopted for planning of project. The smart city proposal was initially prepared with a city wide consultation and accordingly the ABD area was selected and projects under smart city were envisioned. The religious and cultural hub was the important and unique vertical of development under Ujjain smart city.

During the detailing of the project, various consultations were done with stakeholders of temple, city and the line department officials.

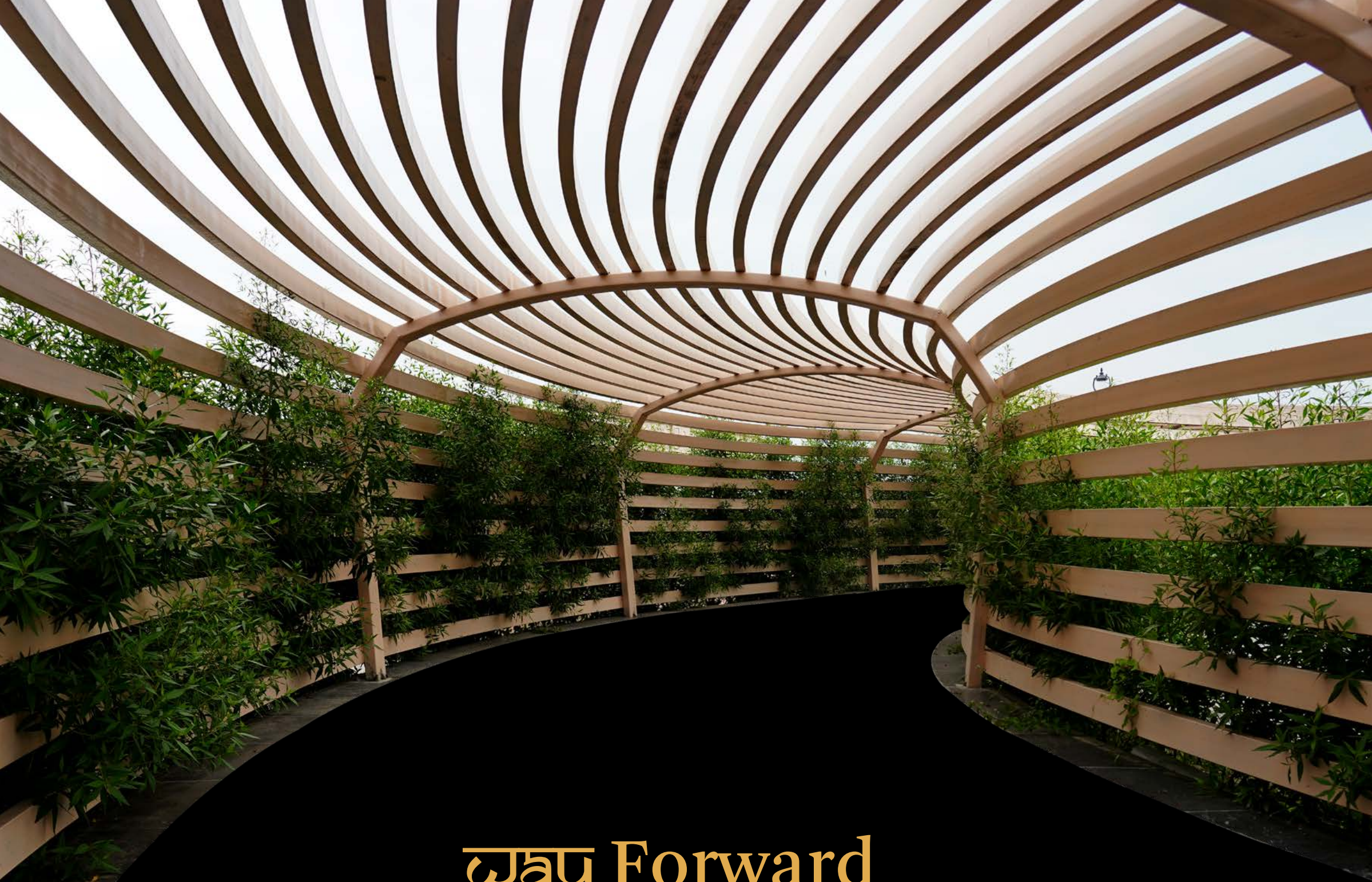


EARMARKING OF LAND

The land for this project was strategically earmarked and one significant aspect of this project was the effective utilisation of nearby land area for public use. It was observed that various school buildings with less infrastructure facilities, were inside the crowded area of the temple precinct. Therefore, government lands near the temple premise were earmarked & new lands were further identified for three integrated schools development.

These schools were equipped with all the required facilities along with smart class, solar roof tops and new furniture. It was ensured that the schools were less than a kilometre from the previous school premise.





वाक्य Forward

- The comprehensive development under Mahakal Lok has improved aesthetics of previously dense and chaotic core area of Ujjain. This will also impact the aspiration of private residential properties and shops in the core area and induce upliftment in the entire core area.
- The expansion of temple complex has been planned to engage a tourist for at least two days which will increase the stay duration of tourists in the city & will ultimately increase the cities local economy.
- Idolizing the Smart City Mission concept of development, to conserve our culture and heritage while integrating it with technology; Mahakal Lok project is one of the best example and will act as a light house for development of old heritage and religious cities in the country.



लक्ष्मेश्वर लौक

Sri Mahakal Maharaj Mandir Parisar Vistar Yojana

