

STRATIGRAPHIC REVELATIONS AT MAHĀKĀLAVANA

ARCHAEOLOGICAL DISCOVERIES
DURING THE MAHAKAL LOK
CORRIDOR PROJECT IN UJJAYINI





AUTHOR AND INSTITUTIONAL DETAILS

📍 Name and Affiliation

- 📍 Ankitesh Tiwari is associated with the Department of Archaeology
- 📍 Institution: Rajasthan Vidyapeeth, Udaipur

📍 Email Address

- 📍 Contact via email: ankiteshtiwarii@gmail.com

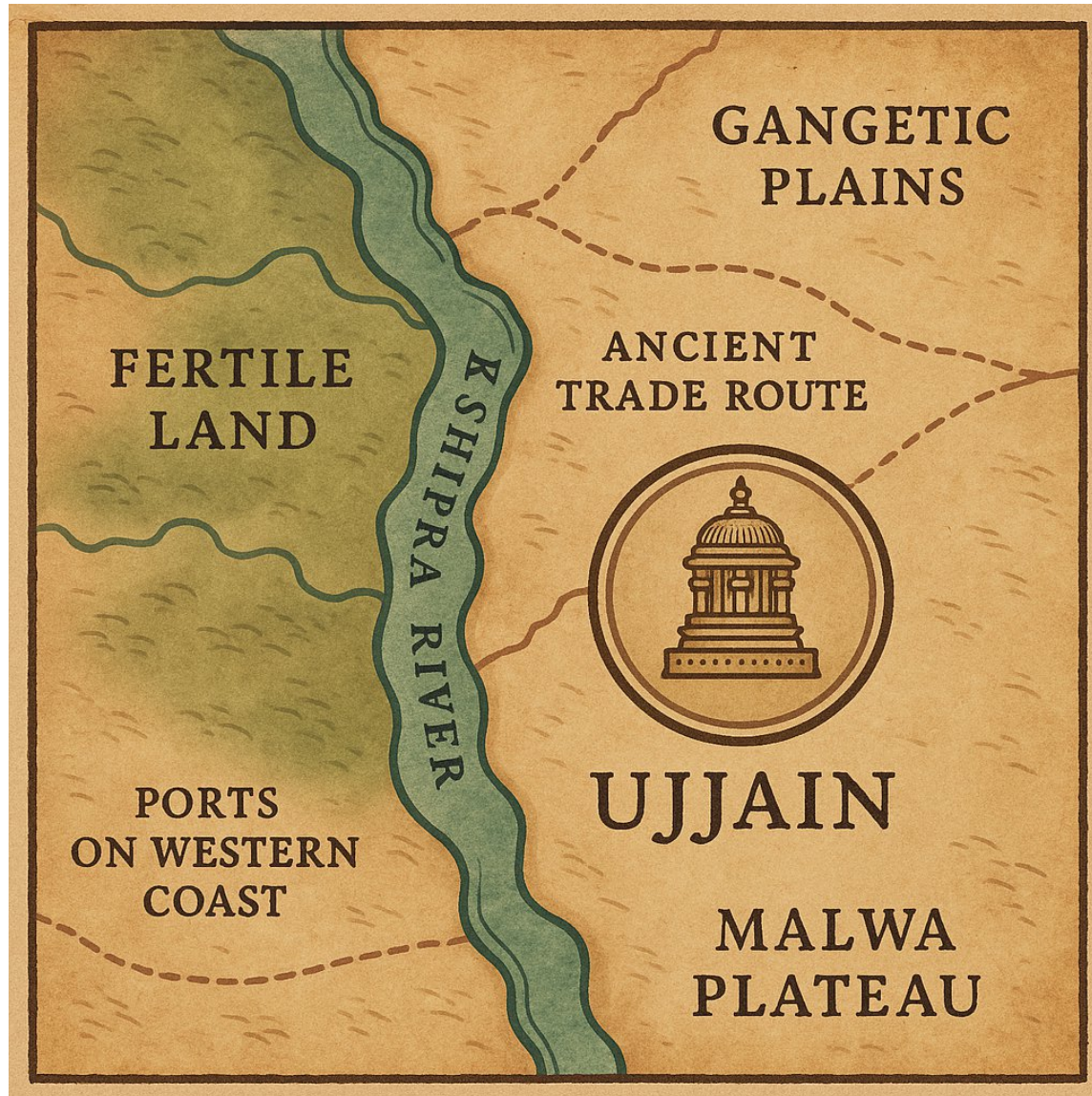
📍 Phone Number

- 📍 Direct contact: +919644085666

📍 Location

- 📍 Based in Rewa, Madhya Pradesh





GEOGRAPHICAL SETTING AND HISTORICAL IMPORTANCE

- Strategic Location on Malwa Plateau
 - Situated on the eastern bank of the Kshipra River
 - Fertile land contributed to prosperity
- Intersection of Ancient Trade Routes
 - Connected Gangetic plains to western coast ports
 - Facilitated movement of goods and culture
- Rise as Capital of Avanti Kingdom
 - Became a major city in the 6th century BCE
 - One of the sixteen Mahājanapadas
- Centre for Trade and Culture
 - Maintained significance for centuries
 - Attracted merchants and cultural exchanges





MADHYA-REKHA

THE HOOK - ACCIDENTAL DISCOVERY

🏗️ **2020:** Rs 850 crore Mahakal Lok Corridor project begins

🔍 **December 2020:** Workers dig 20 feet deep for visitor facilities

💥 **SURPRISE:** Ancient wall with flower carvings appears!

🔍 **Red-brown basalt stones:** "We are 1,000+ years old!"

🏗️ *कभी सोचा नहीं था कि modern corridor बनाते-बनाते time travel हो जाएगा!*

🏗️ "When Modern Meets Ancient"

: THE ARCHAEOLOGICAL SANDWICH

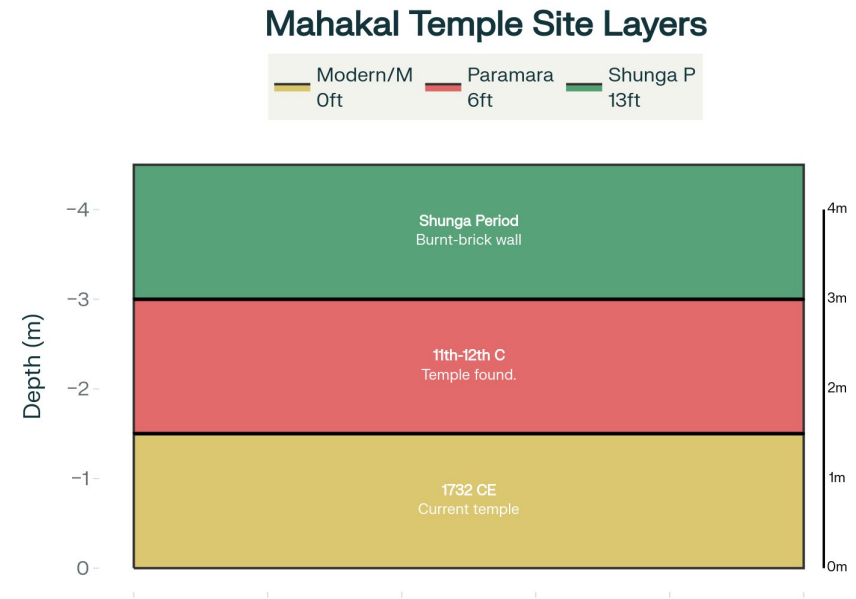
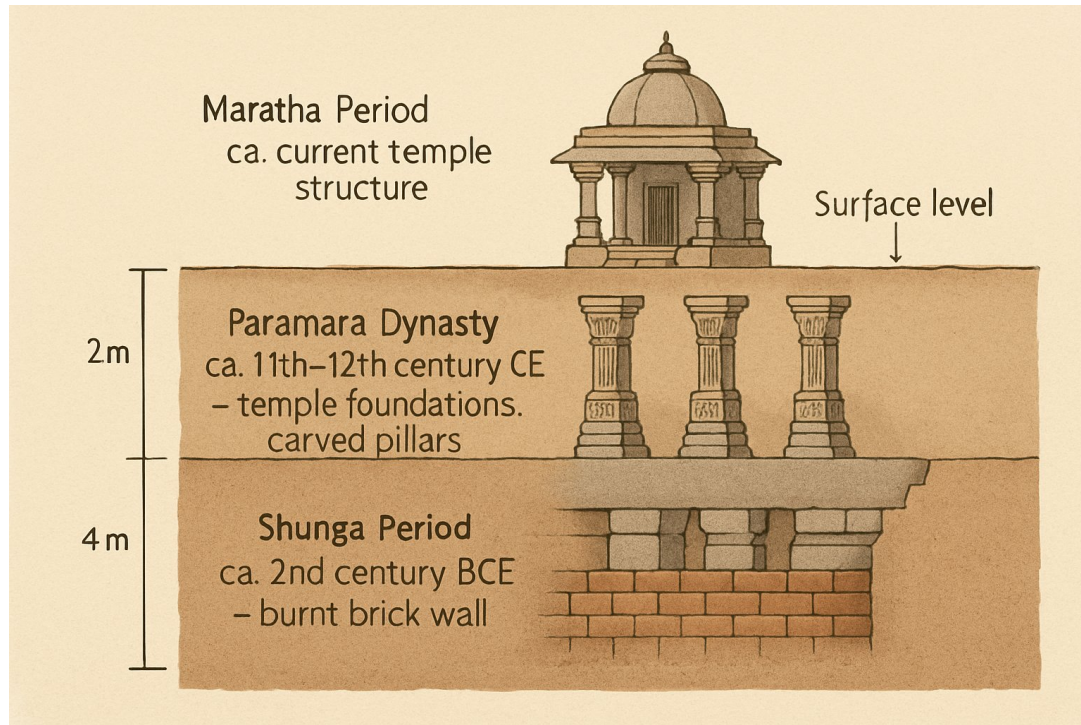
🕒 "Three Layers of History - Like a Geological Biryani!"

🕒 ▲ TOP LAYER (18th century)
Maratha Period Temple - Ranoji Shinde (1732 CE)

🕒 ♦ MIDDLE LAYER (11th-12th century)
PARAMARA TEMPLE - Bhumija Style Glory

🕒 ▼ BOTTOM LAYER (2nd century BCE)
SHUNGA PERIOD WALL - 2,100 years old!

🕒 *Each dynasty didn't replace - they CONTINUED the sacred tradition!*



STRATIGRAPHIC PROFILE

THE PARAMARA BOMBSHELL

🔔 "Solving an 800-Year-Old Historical Mystery"

🔔 📖 **The Text:** Iltutmish destroyed magnificent temple (1235 CE) - *Tabaqat-i Nasiri*

? **The Problem:** NO physical evidence for centuries

🎯 **The Discovery:** COMPLETE in-situ foundations found!

🔔 **What We Found:**

- ✓ Carved pillars with intricate details
- ✓ Shikhara (spire) fragments
- ✓ Stone chariot pieces
- ✓ Mason marks with fish symbols
- ✓ Complete temple layout in Bhumija style

🔔 *First time in history: Text + Archaeology = MATCH!*

THE SHUNGA SENSATION

🕒 "Going Deeper - 2,100 Years Back!"

🕒 🏛️ 4 meters underground: Massive burnt-brick wall

📅 **Dating:** Shunga period (c. 2nd century BCE)

🏺 **Confirmed by:** Pottery shards, material analysis

🕒 **Revolutionary Insight:**








This location was **ALREADY** sacred and began monumental construction 1,000 years **BEFORE** the Paramara temple!

🕒 ***MEANS :** Continuous sacred tradition for over 2 millennia!*



SCIENTIFIC VALIDATION

"ARCHAEOLOGICAL INVESTIGATION IN ACTION"

Scientific Methods:

-  **Stratigraphy:** Layer-by-layer dating
-  **Pottery Analysis:** Shunga & Kushan period ceramics
-  **Architectural Style:** Confirmed Bhumija elements
-  **Material Dating:** Red-brown basalt authentication
-   **Bonus Discovery:** Human skeletons (possibly temple defenders)
-  *Science proves: This isn't just legend - it's REAL history!*

Team Leaders:

-  Dr. Ramesh Yadav (Lead Archaeologist)
-  Dr. Dhruvendra Singh Jodha (Research Officer)

CULTURAL GAME-CHANGER

- 🏛️ **Historical Validation:**
Archaeological evidence confirms written texts for first time
- 📈 **Timeline Revolution:**
Sacred tradition pushed back 1,000+ years
- 🔄 **Continuity Proof:**
Unbroken religious significance across dynasties
- 🏛️ **Architectural Marvel:**
Bhumija style excellence validated
- 🏛️ *From "maybe it existed" to "here's the actual foundation!"*

🏛️ "Why This Changes Everything?"

THE RECONSTRUCTION MAGIC




🏗️ "From Ruins to Reality"

- 🏗️ **Current Project:** Rebuilding 36-foot tall Paramara temple
 - **Using:** Original recovered stones + matching new stones
 - 📍 **Location:** Exact original foundation
 - 🕒 **Timeline:** 6 months completion
- 🏗️ **The Vision:** Visitors will experience the temple EXACTLY as Kalidasa described in Meghadutam!
- 🏗️ *History ko touchable bana rahe hain!*





GLOBAL ARCHAEOLOGICAL IMPACT

"DEVELOPMENT + HERITAGE
= WIN-WIN FORMULA"

New Model for India:

-  Mandatory archaeological surveys during development
-  Heritage discovery ENHANCES rather than delays projects
-  Living sites can reveal their secrets responsibly

Academic Contribution:

-  First material evidence of Itutmish's documented raid
-  Proof of 2,100-year continuous sacred geography
-  Template for "development-led archaeology"
-  *Every construction project in India = potential time machine!*

THE MAHĀKĀLAVANA LEGACY

🕒 "Where Past Meets Future"

🕒 🏛️ **What We Proved:**

- 🕒 Sacred geography transcends political dynasties
- 🕒 Archaeological accidents can become historic breakthroughs
- 🕒 Modern development can CELEBRATE ancient heritage

🕒 🏛️ **What's Next:**

- 🕒 Museum within temple complex showcasing finds
- 🕒 Template for heritage-integrated development across India
- 🕒 Proof that sacred sites have deeper stories than we imagine

CALL TO ACTION

🏛️ "The Future of Archaeological India"

🏛️ 🎯 **Key Takeaway:**

Every shovel in India's ancient cities is a potential key to unlocking millennia of hidden history!

🏛️ 💡 **My Vision:**

Mandatory archaeological surveys = More accidental discoveries = Richer understanding of our incredible past

🏛️ 🦋 **Challenge:**

How many more Mahākālavanās are waiting beneath our feet?

LITERARY AND EPIGRAPHIC TESTIMONIES



Scriptural Foundations in Hindu Texts

The Skanda Purana dedicates the Avanti Khanda to Ujjayini and Mahakaleshwar Temple
Mahākalavana, or “great forest of time,” is highlighted as the temple’s setting



Significance of the Jyotirlinga

The temple’s main deity is a Jyotirlinga, one of twelve sacred representations of Shiva
Represents Shiva’s universal power and presence



Early Literary References

Kalidasa’s Meghadūtam (4th century CE) mentions the temple
The poem describes the temple’s architecture and spiritual allure



Architectural Insights from Ancient Texts

Described as a “stone-based temple on wooden supports” by Kalidasa



Archaeological Importance

EARLY ARCHAEOLOGICAL RESEARCH AND DISCOVERIES

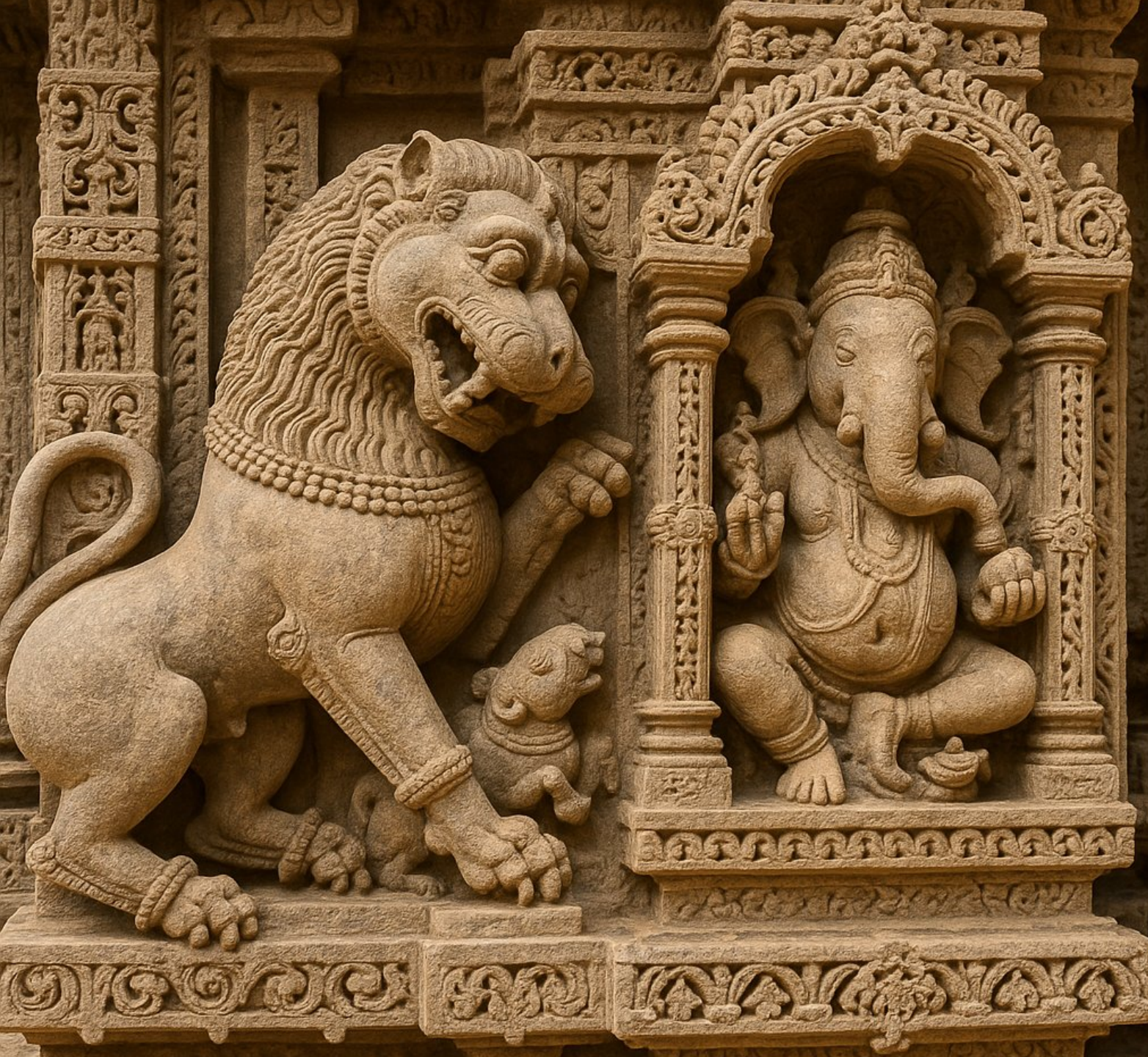
- Commencement of Modern Archaeological Research
 - Research began in the 20th century in Ujjain region
 - Significant cultural sequences established
- Chalcolithic Cultures at Kayatha
 - Traces found by Dr. V.S. Wakankar and team
 - Settlements dated to around 2000 B.C.
- Discovery of Fortified City at Garh Kalika Hill
 - Excavations revealed city from 6th-5th centuries B.C.
- Artifacts Indicating Early Iron Age
- Development into Urban Center
- Colonial Period Records
- Stratigraphy of Ancient City Site

OVERVIEW OF EXCAVATION PHASES AND DATA

- Construction Phase Unveils Archaeological Data
 - Second phase focused on building the Mahakal Lok Corridor
 - Revealed significant archaeological findings
- Stratigraphic Profile of the Site
 - Detailed layers of the site's history uncovered
 - Provided valuable context for the temple complex
- Timeline of Excavations
 - Excavations began in late 2020
 - Continued throughout 2022
- Enhanced Understanding of Temple Complex
 - Findings contributed to knowledge of the site's development
 - Helped piece together historical context

STRUCTURAL FOUNDATIONS AND ARCHITECTURAL FRAGMENTS

- Structural Foundations Revealed
 - Original masonry base and plinth discovered in-situ during excavation
 - Allowed archaeologists to trace the temple's original, large-scale plan
- Architectural Fragments Unearthed
 - Numerous decorative fragments found among the rubble
 - Included pillars with intricate sculptural details
- Temple Base and Superstructure Components
 - Portions of the moulded base (vedibandha) identified
 - Parts of the superstructure (shikhara) recovered
- Remnants of Stone Sculpted Chariot
- Specific Elements Identified by Dr. Jodha
- Confirmation of Ornate Architecture



SCULPTURAL REMAINS AND SHAIVITE EVIDENCE

- Recovered Sculptural Pieces
 - Mutilated Shivlinga found among remains
 - Stone fragments of a goddess idol discovered
- Artistic Quality
 - Carvings reflect the Paramara period's artistic school
- Notable Sculptural Finds
 - 'Singh Vyala', a mythical lion-like creature, identified
 - Decorative element typical of 10th-11th century temple exteriors
- Shaivite Temple Confirmation
 - Idols of Shiv Parivar recovered, including Nandi and Parvati
 - Ancient eight-armed Ganesha idol found

ACTUAL ARTEFACTS AND STRUCTURES



ANCIENT SHIVA TEMPLE REMAINS





ACTUAL PICTURES









Key Features of Mahakal Temple Architecture		
Feature	Description	Source/Origin
Bhumija Style	Complex Nāgara variant with tiered spires	Paramara dynasty
Samarāṅgaṇa Sūtradhāra	11th-century treatise codifying style	King Bhoja
Shikhara Design	Central spire with miniature quadrants	Temple fragments
Stellate Plan	Starburst pattern from center	Architectural evidence
Temple Scale	Large and imposing structure	Paramara era

BHUMIJA STYLE: FEATURES AND HISTORICAL CONTEXT

- 📍 Bhumija Style Construction
 - 📍 Complex variant of North Indian Nāgara order
 - 📍 Perfected under the Paramara dynasty
- 📍 Codification in Samarāṅgaṇa Sūtradhāra
 - 📍 11th-century treatise attributed to King Bhoja
 - 📍 Describes architectural elements and style
- 📍 Distinctive Shikhara Design
 - 📍 Central spire (latā) surrounded by miniature spire-quadrants (kūtastambhas)
 - 📍 Tiered arrangement creates a starburst effect
- 📍 Stellate or Starburst Plan
- 📍 Evidence from Recovered Elements
- 📍 Significance During Paramara Rule



CHRONOLOGY AND ARCHAEOLOGICAL TEAMS

- Initial Discovery and Response
 - December 2020: Ancient wall with floral carvings found during excavation
 - Work paused for review by Dr. Raman Solanki
- Detailed Study by State Archaeological Department
 - June 2021: Four-member team from Bhopal investigates site
 - Team led by Dr. Ramesh Yadav, with Dr. Dhruvendra Singh Jodha and Yogesh Pal
- Significant Findings Confirmed
 - Remains of Paramara temple (11th-12th centuries) identified
 - Older Shunga era wall, about 2,100 years old, discovered
- Continued Excavations and New Discoveries
 - February 2022: Further excavations in Ujjain and nearby areas
- Key Personnel and Leadership

Stratigraphic Sequence at Mahakal Temple

Period	Key Features	Associated Rulers/Events
I	Burnt-brick monumental structures	Shunga period
II	High plinth, Bhumija temple fragments	Paramara rulers
Destruction Layer	Buried Paramara remains	Raid by Iltutmish (1234-35 A.D.)
III	Maratha-period temple, reused fragments	Ranoji Shinde (18th century)

STRATIGRAPHIC SEQUENCE AND HISTORICAL LAYERS

- Long-standing Religious Significance
 - Archaeological finds reveal a multi-millennia history
 - Continuous cycles of construction, destruction, and rebuilding
- Period I: Shunga Era Foundations
 - Lowest level (Level B) contains monumental burnt-brick structures
 - Represents earliest known phase of the temple
- Period II: Paramara Bhumija Temple
 - High plinth and architectural fragments from Paramara rule
 - Evidence of a significant temple built atop earlier remains
- Destruction Layer Linked to Iltutmish
- Period III: Maratha Restoration
- Textbook Example of Stratigraphic Overlay

CHRONOLOGICAL TABLE OF ARCHAEOLOGICAL EVIDENCE

Period/Dynasty	Approximate Date	Key Structural Evidence	Associated Artifacts/Features	Key Archaeologists/Sources
Shunga	c. 2nd Century BCE	Burnt-brick wall at a depth of 4 meters; wall with flower carvings.	Red-brown basalt used in construction.	Dr. Ramesh Yadav (2021) Dr. Raman Solanki (preliminary, 2020)
Paramara	c. 11th-12th Century CE	In-situ temple foundation; architectural elements in Bhumija style.	Carved pillars, shikhara fragments, base blocks, sculptures, Shivlinga.	Dr. Ramesh Yadav, Dr. Dhruvendra Singh Jodha (2021)
Delhi Sultanate	1234-35 CE	Destruction layer (inferred from fragmented and buried remains).	Scattered and broken temple components.	Historical accounts of Iltutmish's raid.
Maratha	c. 1736 CE	Foundation and structure of the pre-2020 main temple.	Maratha-style architectural features; incorporation of older fragments.	Historical records (Ranoji Shinde)

📌 Chronological Summary Provided

- 📌 The document references a table summarizing archaeological findings over time
- 📌 Focuses on the Mahakal Temple site

📌 Archaeological Evidence Highlighted

- 📌 Emphasizes the importance of evidence found at the site
- 📌 Suggests a timeline-based approach to the findings

📌 Mahakal Temple as Central Focus

- 📌 All evidence pertains specifically to this temple location
- 📌 Indicates ongoing or past archaeological work

📌 Table Format Mentioned

- 📌 Information is structured in a table for clarity
- 📌 Chronological order aids understanding of site history

MAHAKAL CORRIDOR : BEFORE AND AFTER RECONSTRUCTION



PRIMARY SOURCES

- Historical Chronicles and Dynastic Records
 - Tabaqat-i Nasiri by Minhaj-i-Siraj Juzjani, translated by H.G. Raverty
 - Documents Muhammadan dynasties of Asia
- Classical Sanskrit Literature
 - Meghadūtam by Kalidasa, available in various translations
 - Represents ancient Indian poetic tradition
- Architectural and Technical Treatises
 - Samarāṅgaṇa-sūtradhāra of Bhojadeva, edited and translated by P.A. Mankad
 - Focuses on ancient Indian architecture and engineering
- Religious and Mythological Texts
- Administrative and Archaeological Reports
- Scientific and Astronomical Texts

Summary of Referenced Works

Author	Title	Focus Area
Adam Hardy	The Temple Architecture of India	Indian temple architecture
Peter Jackson	The Delhi Sultanate	Political and military history
Kim Plofker	Mathematics in India	History of mathematics
P. Shirvalkar	Contributions of V.S. Wakankar...	Chalcolithic archaeology
Laurajane Smith	Uses of Heritage	Heritage studies

SECONDARY SOURCES

- Indian Temple Architecture
 - Explored by Adam Hardy in his comprehensive work
 - Focuses on architectural styles and developments
- Delhi Sultanate's Political and Military History
 - Analyzed by Peter Jackson
 - Details the governance and military strategies
- Mathematics in Ancient India
 - Documented by Kim Plofker
 - Highlights mathematical advancements and scholars
- Chalcolithic Investigations in Central India
 - Contributions of V.S. Wakankar discussed by P. Shirvalkar
- Heritage Studies and Their Uses

ARCHAEOLOGICAL REPORTS

- Archaeological Survey of India Publications
 - Annual volumes titled 'Indian Archaeology - A Review'
 - Relevant years include 1956-57 and 1957-58
 - Published in New Delhi by the Archaeological Survey of India
- Research on Buddhist Remains in Ujjain
 - Book: 'Buddhist Remains of Ujjain Region: Excavations at Sodanga'
 - Authors: Rahman Ali, Ashok Trivedi, Dharendra Solanki
 - Published in 2004 by Sharada Publishing House, New Delhi
- Focus on Archaeological Excavations
 - Includes studies of Buddhist sites and annual archaeological reviews
- Significance of Documentation
 - Provides foundational references for Indian archaeological research

NEWS ARTICLES AND MEDIA COVERAGE

Key Details of the Mahakal Temple Discovery

Aspect	Details	Sources
Location	Ujjain, Madhya Pradesh	Times of India, India Today
Period	11th-12th century	Popular Archaeology
Discovery	Remains of ancient temple	YouTube news reports
Significance	1,000-year-old structure	All sources
Action Taken	Excavation halted	India Today

- 📍 Uncovering of Ancient Temple Remains
 - 📍 Remains found beneath Ujjain’s Mahakal temple
 - 📍 Estimated to be from the 11th-12th century
- 📍 Significance of the Discovery
 - 📍 Structure believed to be around 1,000 years old
 - 📍 Highlights Ujjain’s rich archaeological heritage
- 📍 Sources Reporting the Find
 - 📍 Covered by major news outlets like Times of India and India Today
 - 📍 Featured in YouTube news reports and archaeology articles
- 📍 Impact on Ongoing Activities
 - 📍 Excavation work at Mahakal temple was halted after the discovery
- 📍 Recognition of Madhya Pradesh’s Archaeological Wonders



THANK YOU FOR YOUR ATTENTION

- 📍 Grateful for your time and interest in the presentation
- 📍 Appreciate the opportunity to share these archaeological discoveries
- 📍 Encourage questions and further discussion
- 📍 Acknowledgement of all contributors and researchers
- 📍 Hope the insights enrich your understanding of Ujjayini's heritage

