



INDIRA GANDHI NATIONAL CENTRE FOR THE ARTS

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Documentation format for Archaeological / Heritage Sites / Monuments

Serial No.: RJ/JPR-401

SECTION I : IDENTIFICATION

1. Name

Present : Digansha Yantra
Past : Digansha Yantra
Other Name (if any): : Digansha : Azimuth

2. Location

LONGITUDE 75° 48' E **LATITUDE** 26° 55' N

Address

Village (village code) Jantar Mantar, City Palace
Post : Jaipur **District:** Jaipur
State : Rajasthan **PIN:** 302002

Approach : The Yantra is situated inside the Jantar Mantar Complex, situated outside the gateway of City Palace.

3. Property Type

Buildings

- Palace
- Fort
- Citadel
- Govt. building
- Railway station
- Defence building
- Industrial building
- Other public buildings
- Residential building

Religious structures

- Temple
- Mosque
- Minar
- Church
- Monastery
- Stupa
- Tomb, Mausoleum

Other Structures

- Wall
- Gateway
- Pillar
- Others (specify)

Engineering structure

- Bridge
- Tunnel
- Other engineering structure

Open space and related structures

- Public square
- Park or garden
- Graveyard
- Baolis, Well
- Tank
- Cave

Note: It is circular structure created to calculate the azimuth of any heavenly body. The main body of it is cylindrical. In its centre there is a small gnomon.

4. Property Use

ABANDONED / IN USE : In Use

Present : Tourist site
Past : For Calculating the azimuth of any heavenly body.

5. Age (Source)

PERIOD : 18th Century A.D. Built by Astronomer King Maharaja
Sawai Jai Singh – II
YEARS :
Precise date of Construction : 1728 A.D.
Completion :
Subsequent changes :
Destruction / Demolition :

6. Ownership / Level of Protection

SINGLE /MULTIPLE :

Public : Archaeological Survey of : Govt. of Rajasthan
India / State Archaeology
Department / Any Other (Please
specify)
Private :
Any other (Please specify) :
Name :
Address :
Phone :

7. Association

- **WITH EVENTS**
 - In History** : It was built to measure the azimuth of the heavenly
bodies
 - In Rituals** :
 - In Building Construction** :
 - Any other (specify)** :
- **WITH PERSONS**
 - Patron** : Maharaja Sawai Jai singh – II
 - Architect / Engineer** : Pt. Jagan Nath Samrat and Pt. Kewal Ram Ji
 - Any other (specify)** :

8. Statement of Significance

<input checked="" type="checkbox"/>	Architectural	Astronomical device
<input type="checkbox"/>	Archaeological	
<input type="checkbox"/>	Historical	
<input type="checkbox"/>	Religious	
<input type="checkbox"/>	Any other (specify)	

SECTION II: DESCRIPTION

9. Physical Description and Decorative Features

- **Context** : * **Drawings** (Attach extra sheet if necessary)
Urban / Rural Setting : Urban
Surroundings : **Stand in Isolation**
: **Integral part of a Landscape / Street / Complex**
: Integral part of landscape
- **Quantification**
Area Dimension (L x B x H) : (m / cm/ feet / inch)
Number of Blocks : 01
Number of Storys : 01
- **Spatial Organization**
Orientation : The observatory is oriented East-West, facing East.
Plan :
Allocation of Spaces :

ARCHITECTURAL STYLE

- **Ornamentation**
Exteriors : Cylindrical in shape
Interiors : Gnomon at the centre
Movable Collections :
Any Other (specify) :

10. Construction Technology

- Structural System** : Cylindrical structure based on metallic device to calculate the azimuth of heavenly bodies
- Building Techniques** : Masonic structure
- Material of Construction** : Stone and lime mortar

11. Condition Assessment

In General **Good / Fair**

- Sign of Deterioration
- Serious Deterioration
- Danger of Disappearance

In Brief (Attach extra sheet if necessary):

Well preserved

12. Threats to the Property

- | | |
|-------------------------------------|-----------------|
| <input checked="" type="checkbox"/> | Natural |
| <input type="checkbox"/> | Negligence |
| <input type="checkbox"/> | Vandalism |
| <input type="checkbox"/> | Urban Pressures |

SECTION III: REFERENCES

13. Reference Sources (published and unpublished textual details)

14. Photographs

(attach list as in page 6, in case of multiple photographs)

Photo Reference

CAPTION

15. Audio / Video

(related to rituals / performance / festivals etc.)

Reference

DESCRIPTION

16. Maps/Plans/Drawings

17. Listers

NAME

NAME

18. Reviewers

NAME

NAME

COMMENTS

COMMENTS