



INDIRA GANDHI NATIONAL CENTRE FOR THE ARTS

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Documentation format for Archaeological / Heritage Sites / Monuments

Serial No.: RJ/JPR-402

SECTION I : IDENTIFICATION

1. Name

Present : Rama Yantra–A (Complimentary to Rama Yantra–B)
Past : Rama Yantra–A (Complimentary to Rama Yantra–B)
Other Name (if any): :

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 observatory is located outside the gateway of City Palace in the Jantar Mantar Complex

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 was made to calculate local day time and for observing altitude and azimuth. It is a circular structure with a pillar at the centre.

4. Property Use

ABANDONED / IN USE : In use

Present : Tourist site
Past : Astronomical observations

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** : Based on Indian concept of metallic devices for
calculating local day time.
 - 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 observatory. |
| <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**
Urban / Rural Setting
Surroundings : * **Drawings** (Attach extra sheet if necessary)
Urban

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 : East-West, facing East
Plan :
Allocation of Spaces :

ARCHITECTURAL STYLE

- **Ornamentation**
Exteriors : Circular structure
Interiors : Pillar at the centre
Movable Collections :
Any Other (specify) :

10. Construction Technology

- Structural System** : Based on a brass instruments / astrolabe
Building Techniques : Circular structure of stone
Material of Construction : Stone and lime mortar

11. Condition Assessment

In General **Good / Fair**

- | | |
|-------------------------------------|-------------------------|
| <input checked="" type="checkbox"/> | Sign of Deterioration |
| <input type="checkbox"/> | Serious Deterioration |
| <input type="checkbox"/> | Danger of Disappearance |

In Brief (Attach extra sheet if necessary):

Well preserved

12. Threats to the Property

- Natural
- Negligence
- Vandalism
- 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