



# INDIRA GANDHI NATIONAL CENTRE FOR THE ARTS

Janpath, New Delhi -110 001, [www.ignca.gov.in](http://www.ignca.gov.in)

## Documentation format for Archaeological / Heritage Sites / Monuments

Serial No.: RJ/JPR-403

### SECTION I : IDENTIFICATION

#### 1. Name

Present : Kantirat Yantram  
 Past : Kantirat Yantram  
 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 Yantra is located inside the Jantar Mantar Complex, 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 a large Masonic device. It is circular in shape. At the centre of this device, there is a gnomon.

#### 4. Property Use

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**ABANDONED / IN USE :** In use

**Present** : Tourist site  
**Past** : Used to interpret the position and period of celestial bodies.

#### 5. Age (Source)

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**PERIOD** : 18<sup>th</sup> Century A.D. Built by Astronomer King Maharaja Sawai Jai Singh – II  
**YEARS** :  
**Precise date of Construction** : 1728 A.D.  
**Completion** :  
**Subsequent changes** : Repaired in 1901  
**Destruction / Demolition** :

#### 6. Ownership / Level of Protection

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**SINGLE /MULTIPLE :**

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

#### 7. Association

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- **WITH EVENTS**
  - In History** : Based on brass instruments used for astronomical studies.
  - 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

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<input checked="" type="checkbox"/>	Architectural	Circular disc
<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

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

### ARCHITECTURAL STYLE

- **Ornamentation**  
Exteriors : Circular disc with gnomon.  
Interiors :  
Movable Collections :  
**Any Other** (specify) :

### 10. Construction Technology

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- Structural System** : Masonic device based on brass instruments for astronomical studies.
- Building Techniques** : Masonic structure
- Material of Construction** : Stone and Lime plaster

### 11. Condition Assessment

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**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

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- |                                     |                 |
|-------------------------------------|-----------------|
| <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)

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#### **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**

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#### **17. Listers**

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**NAME**

**NAME**

#### **18. Reviewers**

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**NAME**

**NAME**

**COMMENTS**

**COMMENTS**