



**Kanoria P.G Mahila Mahavidyalaya, Jaipur**

**Department of History celebrates**

**World Heritage Week**

**19-25 November 2021**



प्रत्नकीर्तिमपावृणु

ASI, Government of India

*Associations*

Maharaja Sawai Mansingh  
II Museum , Trust, Jaipur



Deptt. of Archaeology & Museums,  
Govt. of Rajasthan

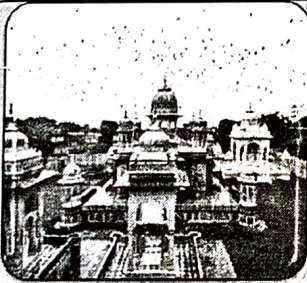


# ACTIVITIES



**19 November 2021**

- Talk on “Need of New Approach for Excavated, Protected, Unprotected Sites Apart from World Heritage Sites”
- Resource Person – Dr. Praveen Singh  
Superintending Archaeologist (I/C), Archaeological Survey of India



**20 November 2021**

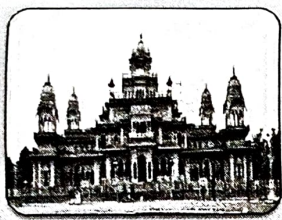
- Heritage Walk – Maharani ki Chaatris and Gatore ki Chattris
- Amber Fort Visit



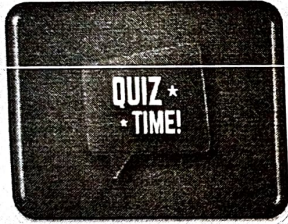
**22 November 2021**

**Photography Competition- Heritage of Jaipur**

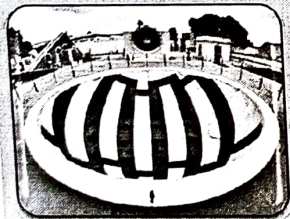




**23 November 2021**  
**Albert Hall Museum Visit**



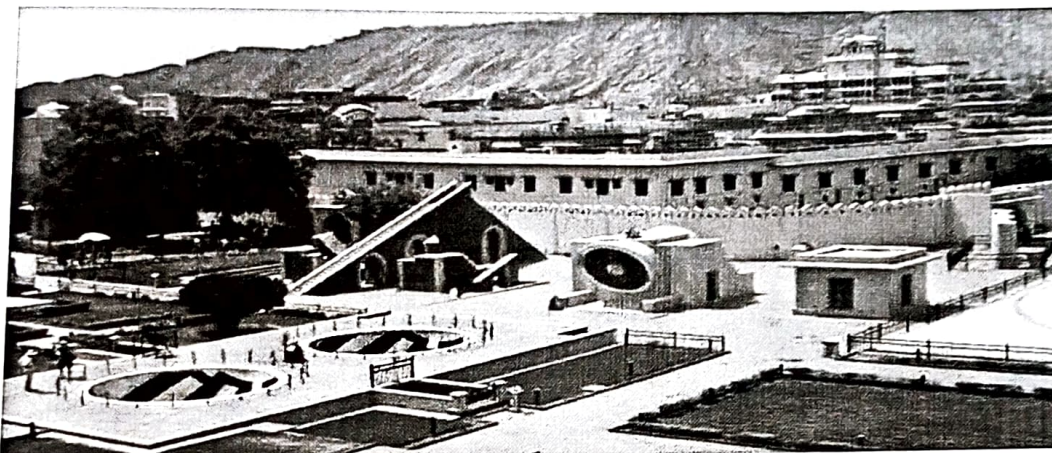
**24 November 2021**  
**Quiz Competition- Heritage & Culture**



**25 November 2021**  
**Workshop at Jantar Mantar- The Observatory**  
**Resource Person: Mohammad Ariel**  
**Superintendent ,Jantar Mantar, Jaipur, Deptt. of Archaeology & Museums, Govt. of Rajasthan**

# *Report*

## *Workshop on Jantar Mantar -The Observatory*



On 25th November 2021 ,Department of History, Kanoria P.G .Mahila Mahavidyalaya celebrated the closing ceremony of World Heritage Week. **A workshop on Jantar Mantar- the observatory** was organized by the Department of History in collaboration with the Department of Archaeology and Museum, Government of Rajasthan. Its objective was to apprise students about the historical achievements in the field of astronomy. Resource person at Jantar Mantar was Mohammad Arief (Superintendent- Jantar Mantar ,Jaipur ) who shared the information related to the foundation of Jantar Mantar and the instruments in Jantar Mantar .He explained that the Jantar Mantar was founded by **Maharaja Sawai Jai Singh II**( founder of Jaipur) who built five solar observatories at Delhi, Banaras ,Jaipur ,Ujjain and Mathura to observe the position of the celestial objects. These observatories are known as *Jantar Mantar* .**Jantar** means 'instrument' and **Mantar** means 'calculations'. *Jaipur's Jantar Mantar* is the only observatory today which is best preserved and which gave precise results among the five observatories. It was restored by **Maharaja Sawai Madho Singh II** in 1901. This monument was included in the **World Heritage Site** by **UNESCO** on **31 July 2010**.

After the general description students were ceded to Sir Shyam Sundar Sharma for further knowledge about the instruments of Jantar Mantar.





He further explained about the instruments of Jantar Mantar which are as follows :-

- **Samrat Yantra**

There are two Samrat Yantra :-

**Vrihat Samrat Yantra** and **Laghu Samrat Yantra** with the help of which one can estimate the local time of Jaipur. These Sundials have a wall of 27 degree latitude, which work as the needle of a watch. **The Vrihat Samrat Yantra is the largest sundial of the World .**

- **Chakra Yantra**

It examined the distance of the Sun from the equator and it is divided into two parts each bearing **360 degree graduation**.

- **Dhruv Darshak Patrika**

With its help we can see the pole star and in Jaipur it is visible at **27 degree latitude** .

- **Nadivalya Yantra**

It estimates the position of the Sun , that is whether the sun is in the Northern hemisphere or in the Southern hemisphere .

- **Yantra Raj**

It best satisfies the meaning of Jantar Mantar ,as it is having two parts in which one is used as instrument and another one for calculation .It is Virtually a celestial map through which one can calculate the position of various constellations at different intervals.

- **Jai Prakash Yantra**

It is divided into two parts representing the 'Celestial hemisphere' and was invented by **Maharaja Sawai Jai Singh II.**

- **Rashivalaya Yantra**

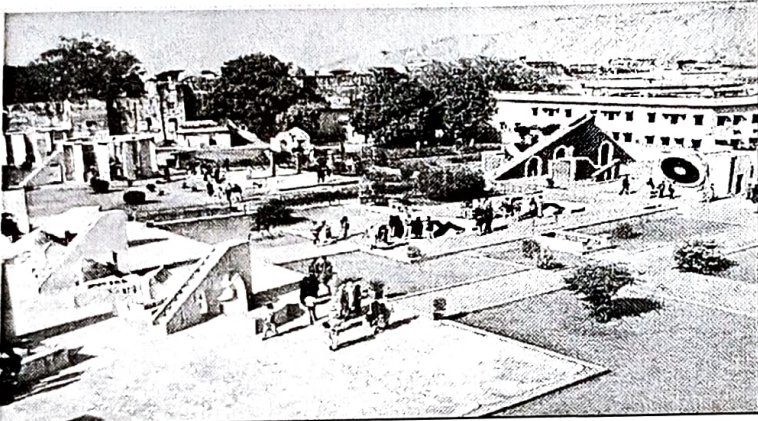
It is a group of 12 instruments representing all the 12 Zodiac signs through which we can estimate the name and Zodiac of a person.

- **Ram Yantra**

It is also divided into two parts each work for 1 hour alternatively and mainly used in the calculation of altitude of celestial objects .

- **Kapali Yantra**

It is the combination of both the parts of Jai Prakash Yantra. It was the first experiment before Jai Prakash Yantra.



**Documentary on Jantar Mantar :-**

After the marvelous explanation of Yantra, Documentary was shown to students on Jantar Mantar which was of **10 minutes** .

**Refreshments** were also provided by 'Department of Archaeology and Museum to the students. This workshop was attended by 100 students who showed great **enthusiasm and energy** throughout the activity and it was relished by the students.

At the end of the workshop, Dr. Suman Dhanaka (Head of Department of History) extended her heartiest gratitude to the resource person and Department of Archaeology and Museums, Government of Rajasthan.

***Bhavini Sharma***


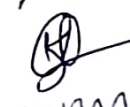

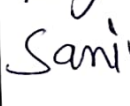
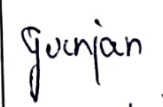
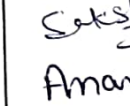
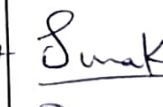
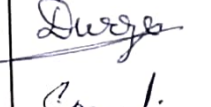
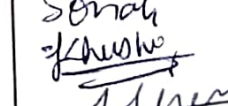
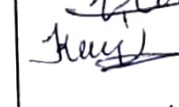
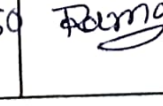
***B.A . III year***



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**Department of History**  
**World Heritage Week Celebration (19-25 November 2021)**  
**Workshop on Jantar Mantar- The Observatory**

Faculty Members - Dr. Suman Dhanaka  
 Dr. Shraddha Saxena  
 Dr. Arti Bhardwaj

**Attendance Sheet- 25 November 2021**

Sr. No.	Name of the Student	Class	Contact No.	Signature
01.	Kritika Sharma	B.A 1 <sup>st</sup> Y.	7976025535	
02.	Kamakshi Meena	B.A 1 <sup>st</sup> Y.	7014935494	
03.	Devanshi Kala	B.A 2 <sup>nd</sup> Y.	9784452254	
04.	Divya Choudhary	B.A 1 <sup>st</sup> Y.	8003380637	
05.	Saniya Sharma	B.A 1 <sup>st</sup> Y.	8233892216	
06.	Gunjan Verma	B.A 1 <sup>st</sup> Y.	9799116000	
07.	Sakshi Sharma	B.A 1 <sup>st</sup> Y.	7222004418	
08.	Anamika Meena	B.A 1 <sup>st</sup> Y.	8824237647	
09.	Sunakshi Arya	B.A 1 <sup>st</sup> year	8824264607	
10.	Durga	BA 1 <sup>st</sup> year	6378842043	
11.	Sonali Barman	BA 1 <sup>st</sup> year	6376289174	
12.	Khushi Sharma	BA 1 <sup>st</sup> year	9784937236	
13.	Himanshi Haldaniya	B.A 1 <sup>st</sup> year	7851846494	
14.	Kausha SHARMA	B.A 1 <sup>st</sup> year	8619586486	
15.	Rama Yadav	B.A. 1 <sup>st</sup> year	8949355750	

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 Dr. Arti Bhardwaj

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Sr. No.	Name of the Student	Class	Contact No.	Signature
1.	Tunisha Saini	BA II <sup>nd</sup> year	7877953564	Tunisha. Saini
2.	Gurjan Rathi	BA II <sup>nd</sup> year	6377760230	Gurjan Rathi
3.	Shalini Saini	BA II <sup>nd</sup> year	6350194230	Shalini
4.	Rupal Dixit	BA 1 <sup>st</sup> yr	9079611088	Rupal.
5.	Isha Mandal	BA 1 <sup>st</sup> year	9928242157	Isha.
6.	Riya Singh	BA 1 <sup>st</sup> yr	8878457743	Riya.
7.	Khushbu Nama	BA 1 <sup>st</sup> yr	7357230525	Khushbu.
8.	Monika Bagoriya	BA 1 <sup>st</sup> yr	8440820177	Monika.
9.	Aparna	BA 1 <sup>st</sup> yr	7568155737	Aparna.
10.	Sneha Thomas	BA 1 <sup>st</sup> yr	9166125997	Sneha
11.	Chikul Nagoda	BA 1 <sup>st</sup> yr	8306628454	Chikul
12.	Kiranjeet	BA 1 <sup>st</sup> yr	6375941105	Kiranjeet
13.	Rashika Sharma	BA 1 <sup>st</sup> yr	9829367226	Rashika.
14.	Mumal Agarwal	BA 1 <sup>st</sup> yr	8696168336	Mumal
15.	Rishika Barman	BA I <sup>st</sup> yr	8890735368	Rishika
16.	Nisha Rajwaniya	BA I <sup>st</sup> year	6367545726	Nisha



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Sr. No.	Name of the Student	Class	Contact No.	Signature
1.	Nansi Natani	BA 1 <sup>st</sup> Year	830 610 8121	Nansi
2.	Deepika Meena	BA 1 <sup>st</sup> Year	8306812935	Deepika
3.	Ritika Sogani	BA 3 <sup>rd</sup> Year	7357141206	Ritika
4.	Ashwini Verma	BA 3 <sup>rd</sup> Year	7878819542	Ashwini
5.	Parul Kothari	BA 1 <sup>st</sup> Year	8949601287	Parul
6.	Rishika Barman	BA 1 <sup>st</sup> Year	8890735368	Rishika
7.	Paridhi Shekhawat	BA 3 <sup>rd</sup> Year	7878115129	Paridhi
8.	Khushi Pathak	BA 1 <sup>st</sup> Year	8529602232	Khushi
9.	Sneha Jatiya	BA 1 <sup>st</sup> Year	9001041315	Sneha
10.	Kajal Atriya	BA 1 <sup>st</sup> Year	6367879320	Kajal
11.	Maitriya	BA 1 <sup>st</sup> Year	8959274073	Maitriya
12.	Aastha Sudha	BA 1 <sup>st</sup> Year	9462520466	Aastha
13.	Gazal	BA 1 <sup>st</sup> Year	7339736145	Gazal
14.	Yashika Sharma	BA 1 <sup>st</sup> Year	6376749505	Yashika
15.	Pooja Kumari	BA 3 <sup>rd</sup> Year	6375202649	Pooja
16.	Taru Shekhawat	BA 3 <sup>rd</sup> Year	9166350150	Taru
17.	Preeti Mahawar	BA 1 <sup>st</sup> Year	8094255905	Preeti
18.	Priyanshi Sharma	BA 1 <sup>st</sup> Year	9799543589	Priyanshi

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Sr. No.	Name of the Student	Class	Contact No.	Signature
1	Anisha Godara ✓	BA Part 3	9462208023	
2	Pooja Beniwal ✓	BA Part 3	8824010176	<u>Pooja</u>
3	Rajneesh Ghaswan ✓	BA Part 3	9414497081	<u>Rajneesh</u>
4	Shweti Singh Chohan ✓	BA Part 3	7231880408	<u>shweti</u>
5	Islwika Mathur ✓	BA Part 3	9636109081	<u>Islwika</u>
6	Manisha Kumari ✓	BA Part 3	9468563284	<u>Manisha</u>
7	Nikita Panwar ✓	BA Part 3	6375826966	<u>Nikita</u>
8	Mamta Meera ✓	BA Part 3	9829137666	<u>Mamta</u>
9	Kusum chopdar ✓	BA part 3	7976204621	<u>Kusum</u>
10	Khushbu Baiseera ✓	BA Part 3	9587103393	<u>Khushbu</u>
11	Sita Khadka ✓	BA Part 3	9024015874	<u>Sita</u>
12	Niharika Tongariya ✓	BA Part 3	6371516344	<u>Niharika</u>
13	Bhavini Sharma ✓	BA Part 3	7852040245	<u>Bhavini</u>
14	Pooza Audicharya ✓	BA Part 3	8824999842	<u>Pooza</u>
15	Aastha Singh ✓	BA Part 3	8118821258	<u>Aastha</u>
16	Kalpna Vishwakarma ✓	BA Part 3	9079284151	<u>Kalpna</u>
17	Jashodhree Kamwar ✓	BA Part 3	7357897562	<u>Jashodhree</u>
18	Mamta Meera ✓	BA Part 3	9024091086	<u>Mamta</u>
19	Jayra Manharija ✓	BA Part 3	8890302138	<u>Jayra</u>



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Sr. No.	Name of the Student	Class	Contact No.	Signature
20.	Harshita Chhipa	B.A Part 3	9782311560	Harshita Chhipa
21.	Anupriya	B.A Part 3	9352895586	Anupriya
22.	Rosvira Rajawat	BA 3 <sup>rd</sup> year	8290610753	Rosvira
23.	Anshika Gupta	BA 3 <sup>rd</sup> year	7878587323	Anshika Gupta
24.	Sanad Ashfaq	BA 3 <sup>rd</sup> year	7619710786	Sanad
25.	Harsha	BA 3 <sup>rd</sup> year	7073743019	Harsha
26.	Timun Shrankhala	BA 3 <sup>rd</sup> year	8000318386	Timun
27.	Shruti Biswas	BA 3 <sup>rd</sup> year	9024777038	Shruti
28.	Tanisha Saini	BA 3 <sup>rd</sup> year	8239099324	Tanisha
29.	Sachi Bhatena	MA II sem	7568667138	Sachi
30.	Komal Sharma	MA II <sup>nd</sup> sem	9149224332	Komal
31.	Neetu Kumari	MA II <sup>nd</sup> sem	9664404886	Neetu
32.	Sonali Meena	MA II <sup>nd</sup> sem	92762789	Sonali
33.	Sonam Jaiswal	M.A. I sem	7375877059	Sonam
34.	Ankita	M.A. II sem	7690019604	Ankita
35.	Priya Meena	M.A. II sem	8890843117	Priya
36.	Meenal Pathak	M.A. II sem	9588226185	Meenal

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1	Yashika Sharma	Ba. Pass course	9676749505	<u>Sharma</u>
2	Ishika Saini	BA 1 <sup>st</sup> year P.C	9799950732	<u>Ishika</u>
3	Ampruksha Tripathi	BA 1 <sup>st</sup> year P.C	7014237906	<u>Ampruksha</u>
4	Meenakshi Daga	BA 1 <sup>st</sup> year P.C	8306112833	<u>meenakshidaga</u>
5	Khushi Sharma	BA 1 <sup>st</sup> year P.C	8386916718	<u>Khushi Sharma</u>
6	Mitali Singh Rao	BA 1 <sup>st</sup> year P.C	9588940474	<u>Mitali</u>
7	Lavina Sharma	BA 1 <sup>st</sup> year P.C	8690834406	<u>Lavina</u>
8	Harshita Choudhary	B.A. 1 <sup>st</sup> year P.C	9587634622	<u>Harshita</u>
9	Divya Pahariyal	B.A. I year P.C	9785387264	<u>Divya</u>
10	Deepmala Chhibar	B.A. I year P.C	7073928752	<u>Deepmala</u>
11	Radhika Selini	B.A. I year P.C	9785387264	<u>Radhika</u>
12	Manisha shekawat	B.A. I year P.C	8306702518	<u>Manisha</u>
13	Raj Kamwar	B.A. I year P.C	8302485402	<u>Raj Kamwar</u>
14	Sanya Sharma	B.A. I year P.C	8955854917	<u>Sanya</u>
15	Pratibha Meena	B.A. I year P.C	9166098073	<u>Pratibha</u>





**Kanoria PG Mahila Mahavidyalaya, Jaipur**

in association with

**Department of Archaeology and Museums**

(Government of Rajasthan)




## **World Heritage Week Celebration**

(19-25 November, 2021)

### **Certificate**

This is to certify that Ms. *Shalini Saini*.....  
of ..... *B.A. II Year*..... has participated  
in **One Day Workshop on "Jantar-Mantar - The Observatory"** organized at Jaipur on  
25 November, 2021 .

  
**Mr. Mohammad Arief**  
Superintendent,  
Jantar-Mantar, Jaipur

**Dr. Seema Agrawal**  
Principal,  
KMM, Jaipur