

KNOW YOUR LOCALITY

Few Words About Chhatna, Bankura

Chhatna Chandidas Mahavidyalaya, Bankura, Chhatna,

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P. Kumbhakar

IQAC Co-ordinator
Chhatna Chandidas Mahavidyalaya

Malanika Sinha

Principal
Chhatna Chandidas Mahavidyalaya
Chhatna, Bankura

Programme Details

- Objection: Make student familiar about the cultural heritage of the College milieu.
- Time:11.30 AM
- Date:23/08/2022
- Teachers: Mr. P Kumbhakar and Mr. D. Mukherjee
- Students present:63

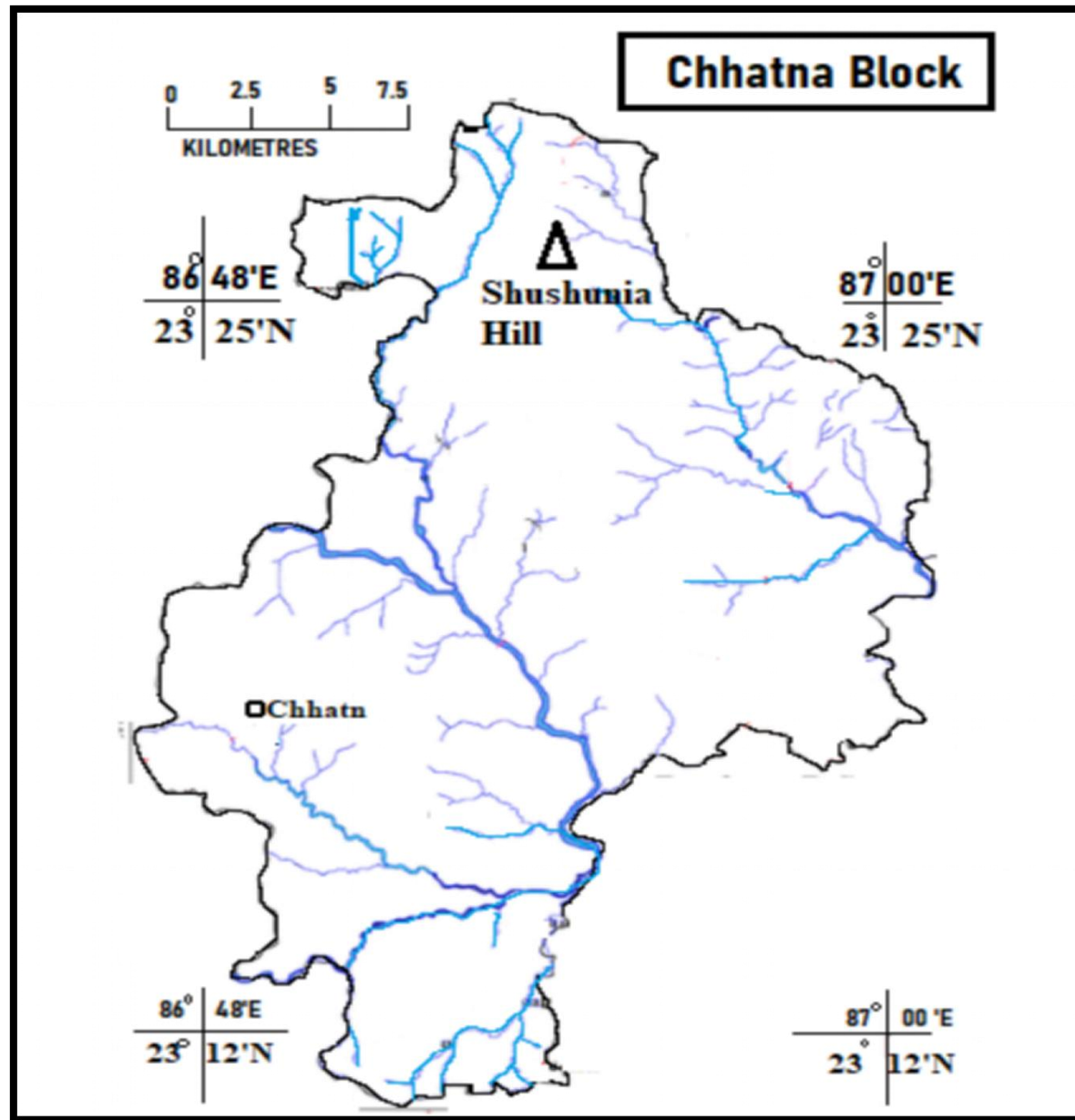


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Attributes of Chhatna:

- a. Susunia Hill (448m)
- b. Natural Twins Aquifers (Perennial)
- c. Gnaneshwari River (pre Himalayan River, river of Silurian era)
- d. Palaeolithic Hominoids sites
- e. Rock Curving Art
- e. Wood Curving Art
- g. Weaving Art
- i. Pottery painting

Good condition of Ground Water Table

Chhatna:

- Chhatrina..... Chhata: Umbrella
-
- Khatriya: Kha Converted to Chha.....

Chhatna: for physiography,,,,,,,,,

Land of Susunia hill (remnants of Eastern Ghart orogeny)

Land of Gandeshwari river (Silurian origin river, pre Himalayan River)

Combination of laterite and sandstone

Chandidas: Chhatna

- Chandidas (1408 CE) was one of the most prominent and admired poets of Medieval Bengal. There are total four individuals found with the same name- *Badu Chandidas*, *Dwija Chandidas*, *Din Chandidas* and one only Chandidas without any byname.
- He came from an upper-caste Barendra Brahmin Family and was an ardent devotee of Goddess Basholi.
- Possibly his birth name was Ananta and family surname was “**Badu**” and later given the title “**Chandidas**” by his Guru.
- Brahmin from Goya

Chhatna: Land of Chandidas

- *The night is dark,
the sky is filled with teeming clouds.
Friend, what can I say to you?
By virtue of many lives, Him I have won.*
- – Chandidas

শাওনগগনে ঘোর ঘনঘটা, নিশীথযামিনী রে ।
কুঞ্জপথে, সখি, কৈসে যাওব অবলা কামিনী রে ॥
উন্মাদ পবনে যমুনা তর্জিত, ঘন ঘন গর্জিত মেহ ।
দমকত বিদ্যুত, পথতরু লুষ্ঠিত, থরহর কম্পিত দেহ ।
ঘন ঘন রিম্ রিম্ রিম্ রিম্ রিম্ রিম্ বরখত নীরদপুঞ্জ ।
শাল-পিয়ালে তাল-তমালে নিবিড়তিমিরময় কুঞ্জ ।
কহ রে সজনী, এ দুরূষোণে কুঞ্জে নিরদয় কান
দারুণ বাঁশী কাহ বজায়ত সক্রুণ রাধা নাম ।
মোতিম হারে বেশ বনা দে, সীঁথি লগা দে ভালে ।
উরহি বিলুষ্ঠিত লোল চিকুর মম বাঁধহ চম্পকমালে ।
গহন রয়নমে ন যাও, বালা, নওলকিশোরক পাশ ।
গরজে ঘন ঘন, বহু ডর পাওব, কহে ভানু তব দাস ॥

হুসৈন্যসহস্র

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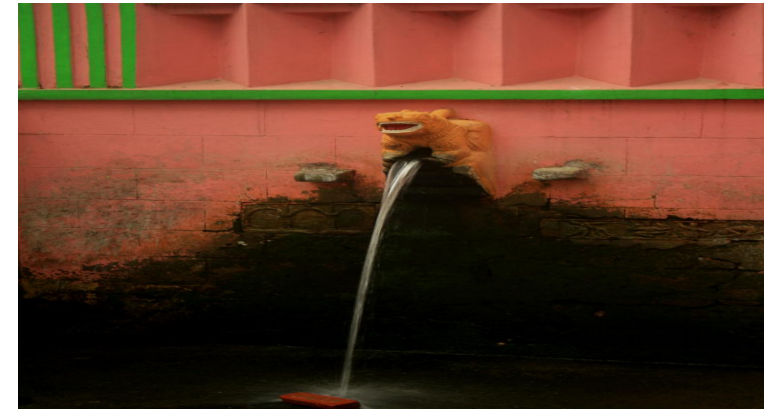
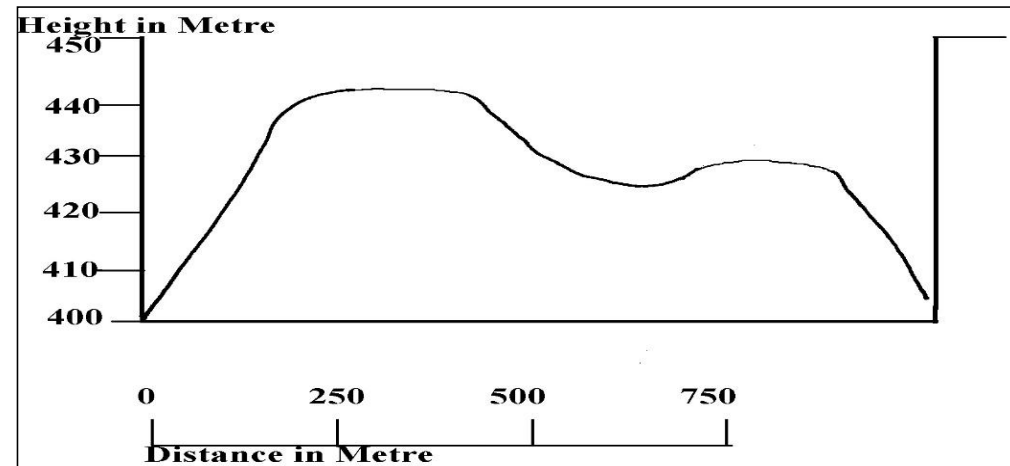
বঁধু কি আর বলিব তোরে ।
অলপ বয়সে, পিরীতি করিয়া,
রহিতে না দিলি ঘরে ॥
কামনা করিয়া, সাগরে মরিব,
সাধিব মনের সাধা ।
মরিয়া হইব, শ্রীনন্দের নন্দন,
তোমাতে করিব রাধা ॥
পিরীতি করিয়া, ছাড়িয়া যাইব,
রহিব কদম্বতলে ।
ত্রিভঙ্গ হইয়া মুরলী বাজাব
যখন যাইবে জলে ॥
মুরলী শুনিয়া, মোহিত হইয়া,
সহজ কুলের বালা ।
চণ্ডীদাস কয়, তখনি জানিবে,
পিরীতি কেমন আলা ॥

Chandias : Chhatna

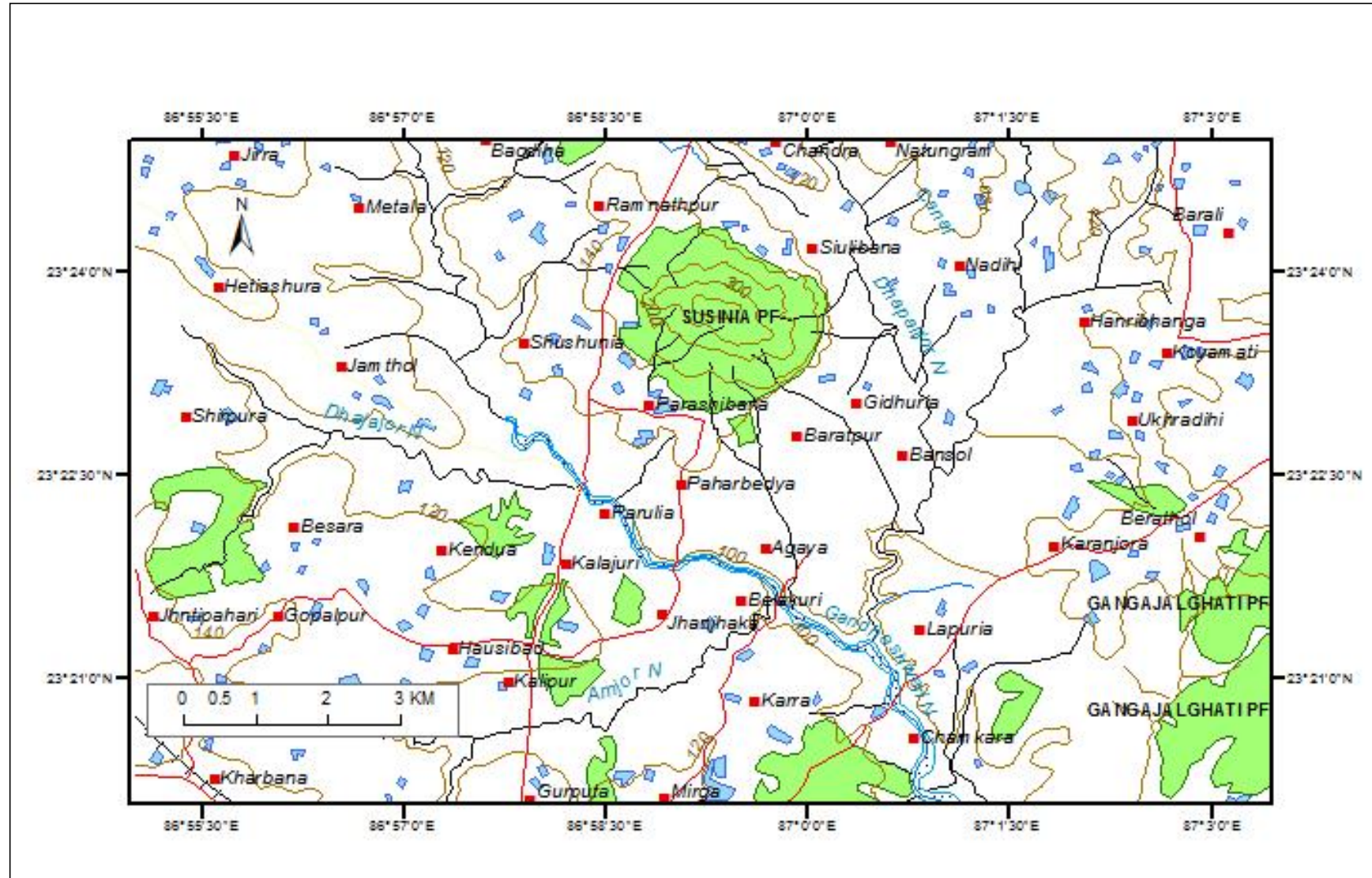
- Structuralism in Bengali
- Neo Structuralism
- Baru Chandidas is known mainly as the writer of the lyrical SRIKRISHNAKIRTAN, which was discovered by Basantarabjan Vidvadvallabh at Bankura.
- Basantaranjan, who published the manuscript in 1916, believed that Chandidas was born in 1339 and died in 1399. However, other scholars, suggest somewhat an earlier date.

Shushunia Hill: Twins Aquifers

- The Shushunia hill lies in Chhatna block of Bankura district, West Bengal, India (height 440 m, $23^{\circ} 22' 30''$ N and $86^{\circ} 58' 20''$ E) .
- A small Paleozoic river named Gandeshwari is flowing in southwest edge of the hill.



Susunia and its Surrounding Areas

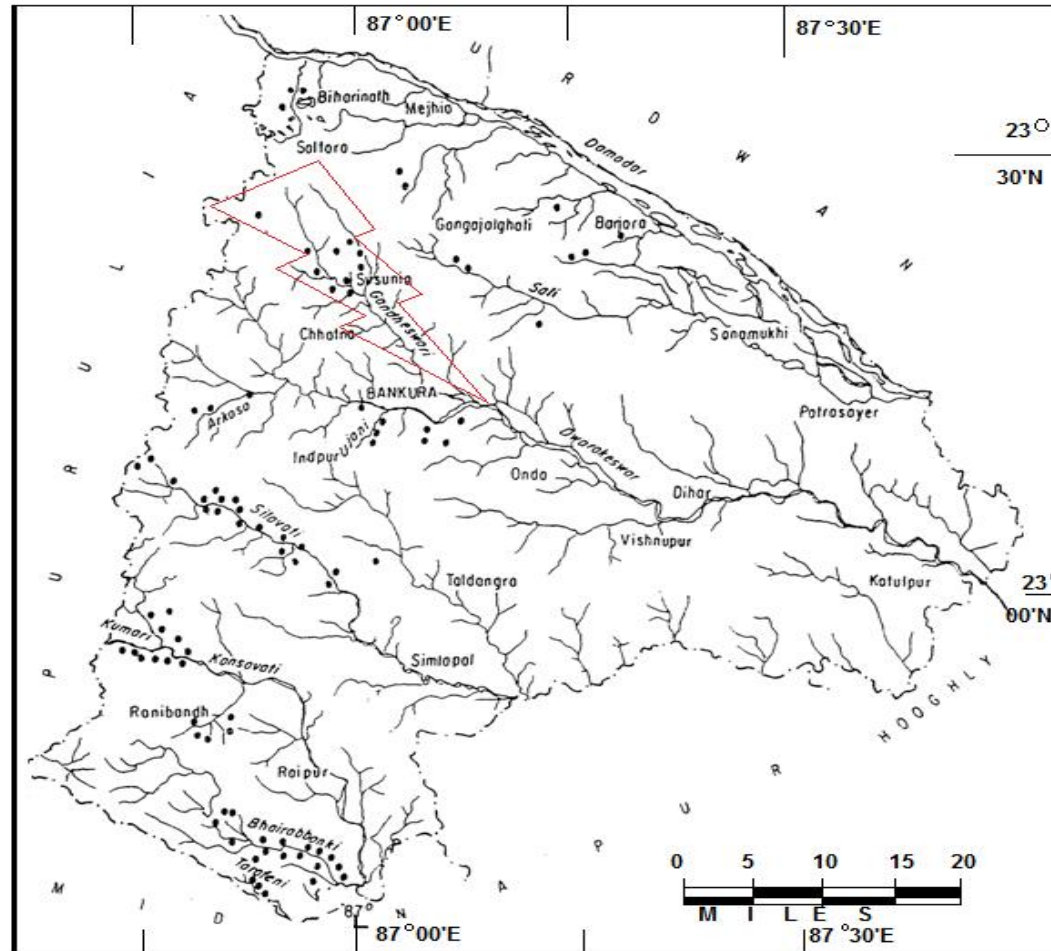


Chhatna: Susunia Hill

- *Shushun* means a place where dancing and singing goes in hand in hand.
- According to the Santhali language, the word meaning of *Shun Shun* is nearby or side by side and *nia* means this. In the Munda language (dialect), the literal meaning of Shushunia is a place for a social gathering (accompanied by dance and song).
- According to the Santhali language, the word Shushunia means lying side by side. Twin peaks or porcupine-shaped peaks which lie side by side are described as Shushunia.
- Another word of the Santhali language is *Shur Shur*, which indicates the 'sound of whistling bird' and *nia* means 'this'.
- Therefore, Shushunia may have been derived from the Santhali language, meaning 'the place of whistling bird'.

Habitat sites of Early Hominoids

Name of Villages	Geographical Location		Location Code & JL No
Jamthol	23°26'55" N	86°52'15"E	02006500 & 8
Panchasimula	23°23'15"N	86°52'15"E	02012500 & 68
Parulia	23°22'15"N	87°57'30"E	02012000 & 63
Paharbedia	23°22'55" N	86°58"E	02015000 & 93
Suyabasa	23°23'10"N	86°58'30"E	02029800 & 241
Gidhuria	23°23' N	87°0'30"E	02015300 & 96
Dhankorarjor	23°24'20" N	87°0'15"E	NA



**ARCHAEOLOGICAL SITES
OF BANKURA DISTRICT
(THE STUDY AREA LIES IN
WESTERN PART OF DISTRICT)**

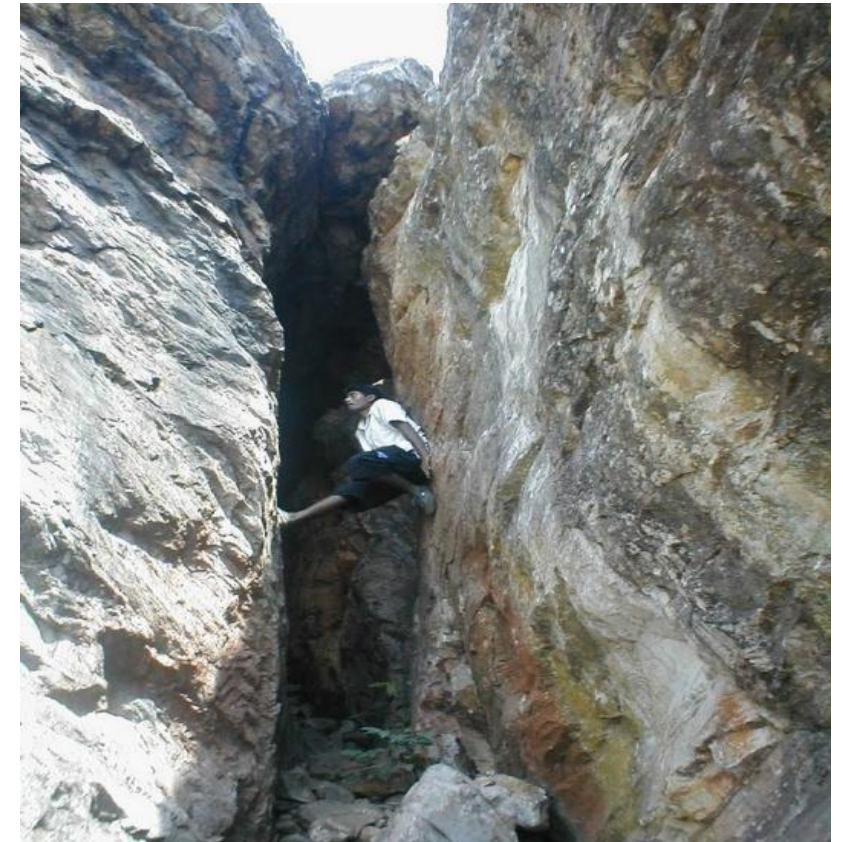
Mesolithic Sites

Mesolithic Site	Description
Kamarkuli (Chhatna Block)	<p>Pillar</p> <p>Height 4feet, Material. Quarzite</p> <p>Description: Agroup of Warrior with bow and arrows,</p> <p>A few male with sord and juvlin,</p> <p>A few are singles (only male)</p> <p>A few with female partners</p>
Jorhira (Chattna Block)	Pillar
Moleswar Temple	Pillar

Shushunia Hill

(Habitat Cleavage of Early Hominoids)

HABITAT SITES OF EARLY HOMINIDS	
Kherbani	
Bamundiha	23°23'20" N & 86° 01'50" E
Suabasa	23°25' N & 87° 02' E
Bhalukabasa	23°21'31" N & 86° 58'32" E
Aduri	23° 26' 22" N & 86° 56'19" E



Lithic Inscription and Chhatna (4th Century AD)(*Sankha lipi*)



- **inscriptions:**
- Time: 4th Century A D
- Language: Sanskrit
- Script : Brahmi
 - **The Shushunia Rock inscription is the earliest reference to the cult of Vaishnavism.**

Sweet Preparation : Chhatna

- POPULAR NAME:PERA
- DRY ROUND SHAPED SWEET
- (Not perishable within one or two days)

Stone Curving Art: Susunia(Sandstone)



Wood Curving Art of Chhatna:

- Village: Simulberia
- (20km from Chhatna)

Prepare Mask, wood curving animal structure

Weaving of Chhatna Block

- Village: Kenjakura (in the left bank of river Dwarekeshwwar)
- Ancient handloom with raw cotton
- (mostly louder in colour)
- Popular product: curtain and *gamacha*

Pottery and Panting of Chhatna Block

- Bharatpur



JILUPI

.....



Seulibona Village, Chhatna



শ্রীকৃষ্ণকীর্তন

চণ্ডীদাস-বিরচিত

বসন্তরঞ্জন রায় বিদ্বদ্বল্লভ
সম্পাদিত

Shushunia Tracking Sites:



Glimpses of Programme



Plate 1: Our Students



Plate 2: After Lecture Students-Teacher Interaction



Plate 3 & 4: Dissemination Lecture



outcome

- Student become aware about their cultural heritage. It starts from the Poet Baru Chandidas, Sisunia's Rock Curving art, Wood Curving art, Weaving of Kenjakura and the sweet preparation of Chhatna.
- The dissemination lecture was like a virtual tour to the student to know their cultural heritage.
- Student received the positive impetus towards the conservation of regional cultural attributes.



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Manauika Sinha
Principal
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Chhatna, Bankura

LIST OF STUDENTS SEMESTER IV 23/08/2022

	UID	NAMES
1	18071101001	PUJA MANDAL
2	18071101002	PIU KUNDU
3	18071101003	MAMPI KUMBHAKAR
4	18071101004	BANDANA KUMBHAKAR
5	18071101005	SANTANA MANDAL
6	18071101006	PAYEL GHOSH
7	18071101007	SOMA NAG
8	18071101008	SOMA MANDAL
9	18071101009	SOURAV HALDER
10	18071101010	SIKHA BAURI
11	18071101011	SATHI SANTRA
12	18071101012	ANWESHA RAKSHIT
13	18071101013	RIMPA KUNDU
14	18071101014	PIYA BAURI
15	18071101015	RIMPA RAKSHIT
16	18071101016	RATNA LAYEK
17	18071101017	LAXMIPRIYA DUTTA
18	18071101018	ARGHYA GOSWAMI
19	18071101019	MIHIRAN GORAI
20	18071101020	SANDIP PAL
21	18071101021	INDRAJIT MUKHERJEE
22	18071101022	RUDRA RAKSHIT
23	18071101023	SANKET BANERJEE
24	18071101024	NABAJYOTI CHAKRABORTY
25	18071101025	MAMONI DAS
26	18071101026	MITALI DAS
27	18071101027	SUKUMAR MANDAL
28	18071101028	SOUMYADIP MUKHERJEE/
29	18071101029	KUNAL MONDAL
30	18071101030	SURESH MANDI
31	18071101031	BALARAM KHAN
32	18071101032	SURENDRA SOREN
33	18071101033	BIKASH MONDAL
34	18071101034	ROHIT SHARMA
35	18071101035	MOU ROY
36	18071101036	KANCHAN MURMU
37	18071101037	SARIKA MANDAL



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• **LIST OF STUDENTS SEMESTER IV 23/08/2022**

38	18071104030	AVIJIT MONDAL
39	18071104031	MAHESWAR MONDAL
40	18071104032	BIKRAM GHOSH
41	18071104033	HRIDOY GHOSH
42	18071104034	SOMA GHOSH
43	18071104035	SHILPI KUNDU
44	18071104036	LAXMI PRIYA ROY
45	18071104037	TUMPA BAURI
46	18071104038	ANUPAMA BAURI
47	18071104039	DOLI KUNDU
48	18071104040	RITA KUCHLYAN
49	18071104041	SHILPI CHAKRABORTY
50	18071204001	SHAMPA KUNDU
51	18071204002	RIMPA PAL
52	18071204003	PRATIMA DAS
53	18071204004	SARASWATI BAURI
54	18071204005	SOMA BAURI
55	18071204006	NILIMA PARAMANIK
56	18071204007	PUJA BAURI
57	18071204008	SONALI ROY
58	18071204009	PRAMILA TUDU
59	18071204010	ARCHANA MURMU
60	18071204011	SANAKA HEMBRAM
61	18071204012	NIYATI MANDI
62	18071204013	SATYABATI MANDI
63	18071204014	PRASANTA BAURI

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Introduction to Lunar Mission

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ONLINE PROGRAMME

25/05/2021



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PROGRAMME OUTLINE

Create awareness about the Indian Space Research

Make the student familiar about the ISRO and NASA

Provides the concept about the Lunar Mission of India
(Chandrayan)

Introduction to Lunar Mission

- Programme: Online mode (G-meet, VC)
- Date: 25/05/2021
- Time: 6.00 PM
- No of Participants: 32
- Teachers: P. Kumbhakar
 - M. Dutta



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Space: Wright Brothers (American)

Wilbur Wright (1867-1912)

Orville Wright (1871-1948)

BICYCLE MAKER AND HELICOPTER

Controlled Airplane / Flight (1903 & 1905)

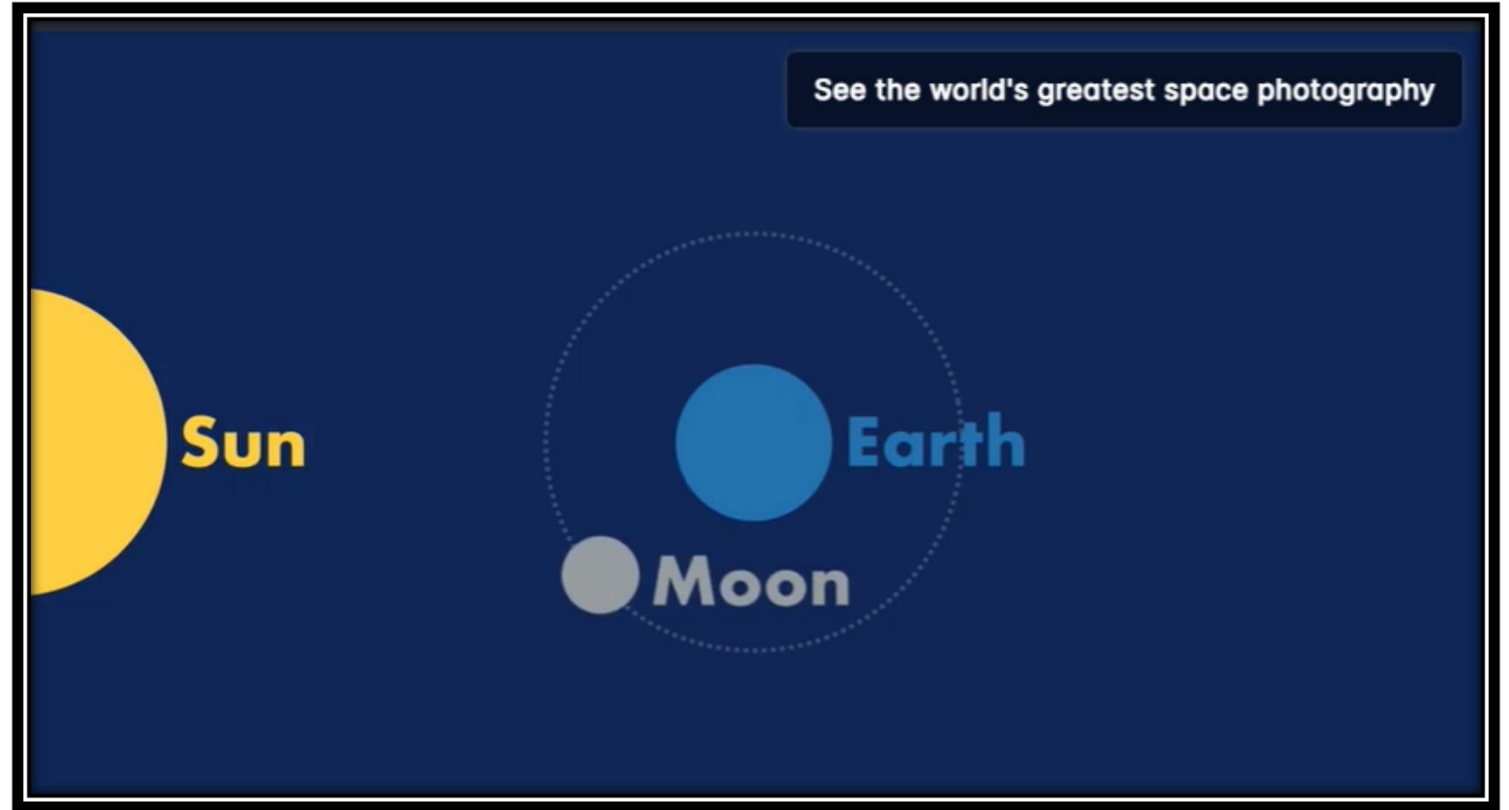
Flying Machine

Earth - Satellite:

Moon: Natural Satellite

Pole to Pole Orbit

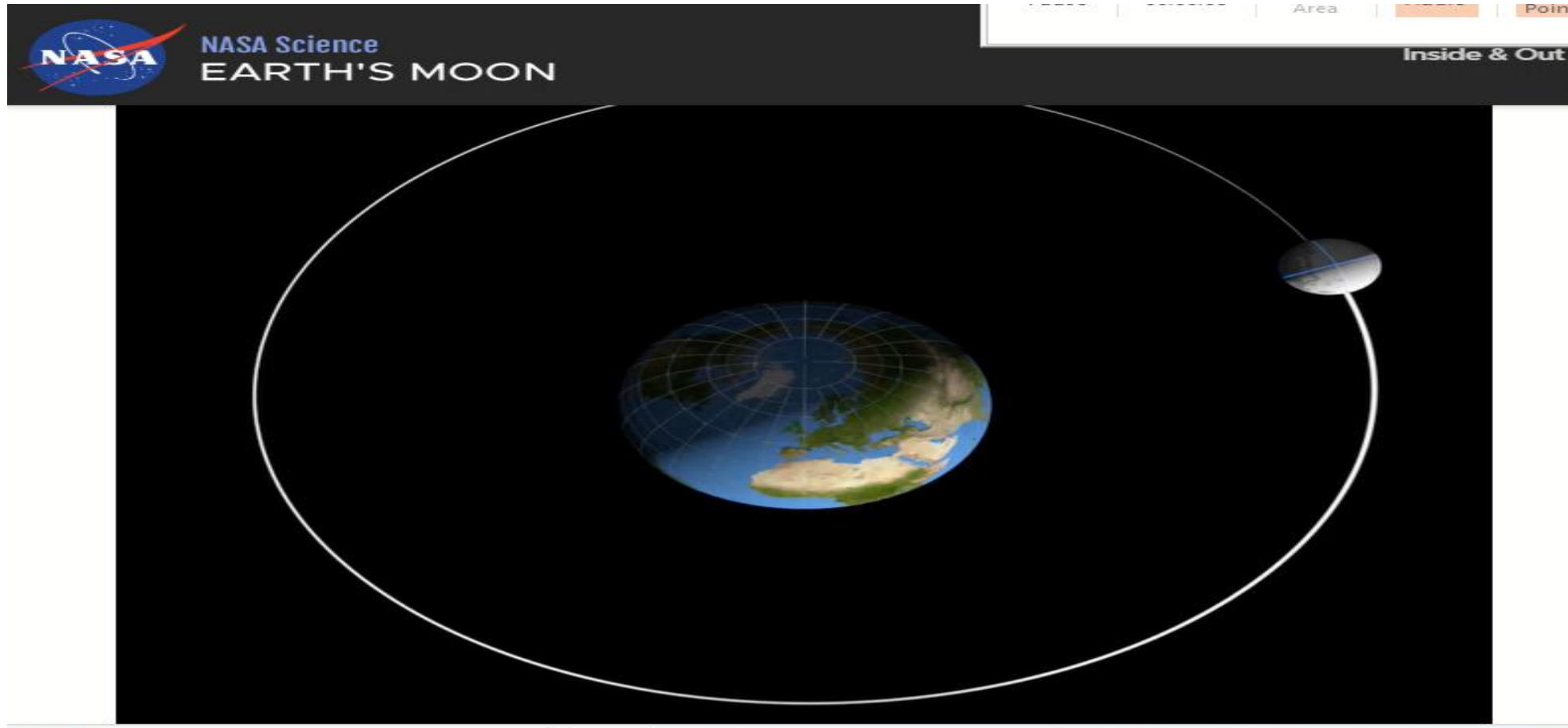
Polar Orbital satellite



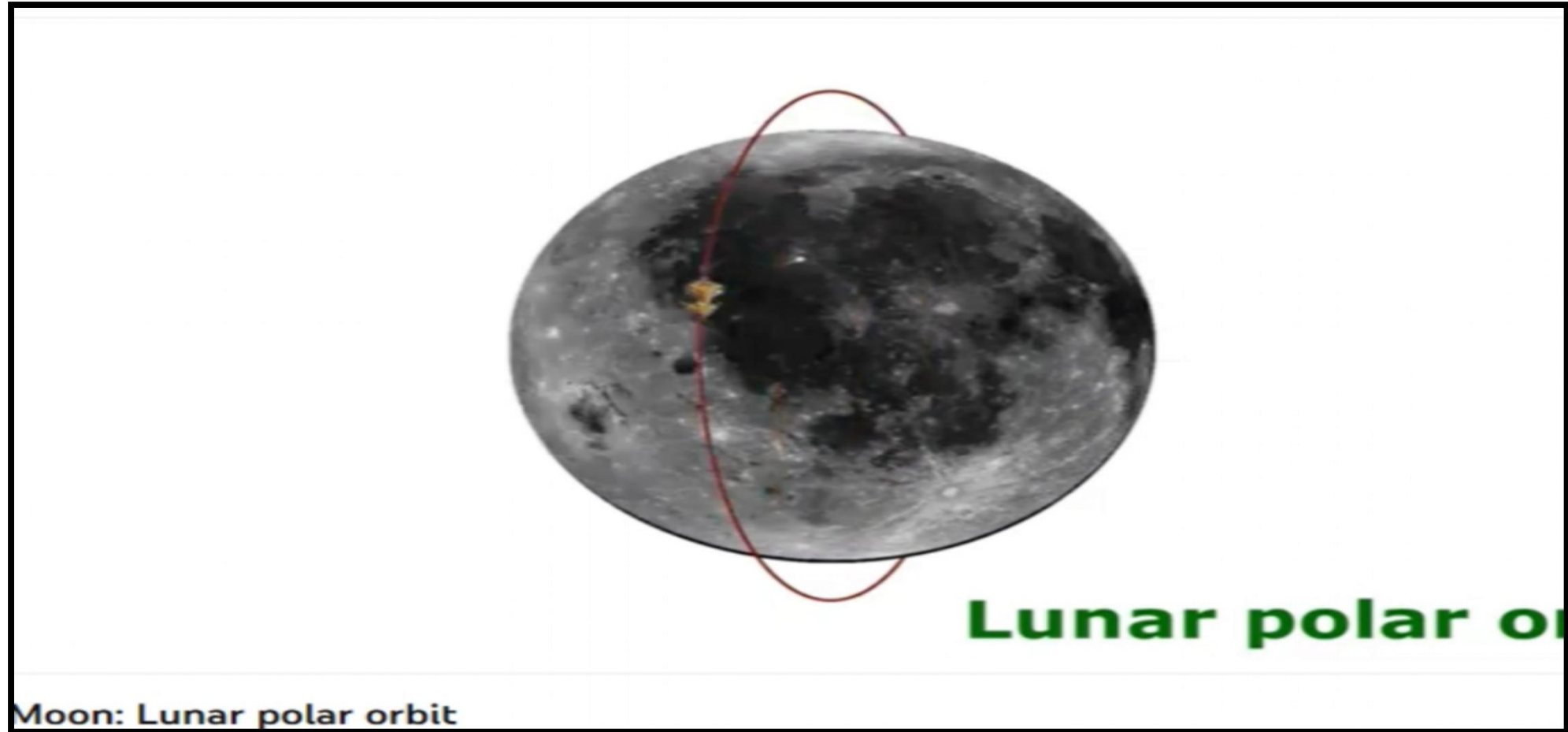
Sun, Earth and Moon:

- The importance of the **number 108** can be seen repetitively in **astronomy and astrology**
- In Vedic astrology there are **12 solar houses and 9 lunar houses, $9 \times 12 = 108$.**
- The diameter of the sun is about **108 times that of the diameter of Earth.**
- The average distance between the Earth and the Sun is 108 times the sun's diameter.
- The average distance from the Earth to the Moon is 238,800 miles, about 108 times the moons diameter.
- This makes it so the moon appears the same size as the sun during eclipses.

Earth and Moon:



Pole to Pole orbit of Moon:



Apollo 1: 1968 (mission was not successful)

Apollo 1



First Space Mission:

- **On October 4, 1957, the Soviet Union launched the earth's first artificial satellite, Sputnik-1.**
- **The successful launch came as a shock to experts and citizens in the United States, who had hoped that the United States would accomplish this scientific advancement first.**
- **Russian stamp commemorating Sputnik Journey.**

First Space Mission:

- [Apollo 11](#), the first space mission to put people on the Moon, was launched on July 16, 1969.

(Apollo: Geek God of Sun Light)

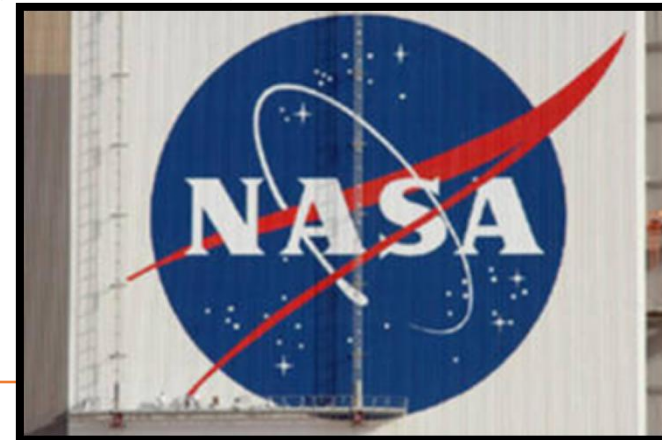
- The United States took a monumental step by successfully landing humans on the moon.
- On 20th July 1969, the world watched in awe as Apollo 11, a NASA mission, saw Commander Neil Armstrong and pilot Buzz Aldrin become the first individuals to set foot on the lunar surface

Apollo 11: First Lunar Mission NASA (USA)

- On July 20, 1969,
- two U.S. astronauts do something no one had ever done before.
Wearing bulky space suits and backpacks of oxygen to breathe, Neil Armstrong and Edwin “Buzz” Aldrin became the first human beings to walk on the moon.
- Cape Kennedy on July 16, 1969

NASA :

- National Aeronautics and Space Administration
- NASA is a United States government agency that is responsible for science and technology related to air and space.
- NASA was created in 1958.
- The agency was created to oversee U.S. space exploration and aeronautics research.



Apollo Mission:

- ***That's one small step for a man.
One giant leap for mankind."***
- Neil Armstrong

Sputnik : First Artificial Satellite

- Sputnik 1 was the first artificial Earth satellite. It was launched into an elliptical low Earth orbit by the Soviet Union on 4 October 1957 as part of the Soviet space program.
- fall back into the atmosphere on 4 January 1958.

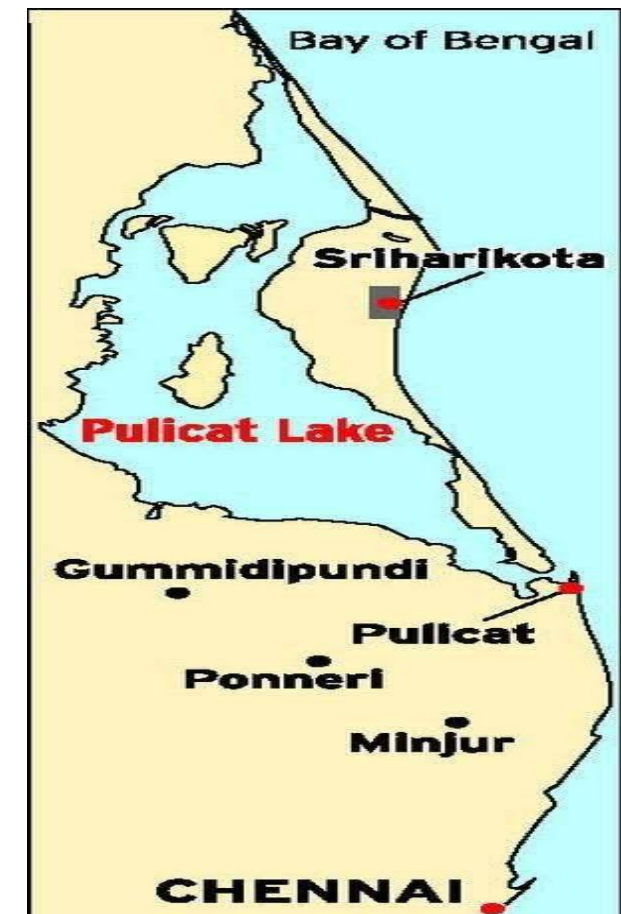
ISRO Indian Space Research Organization

- ISRO : INDIA
- SRIHORIKOTA: SMALL ISLAND

Satish Dhawan Space Research Organization

Sriharikota island was chosen in 1969 for a satellite launching station. It is located 80 km (50 mi) north of Chennai. The center became operational in 1971

Satish Dhawan Space Centre (SDSC)
SHAR, Sriharikota Range PO - 524 124
Nellore District, Andhra Pradesh



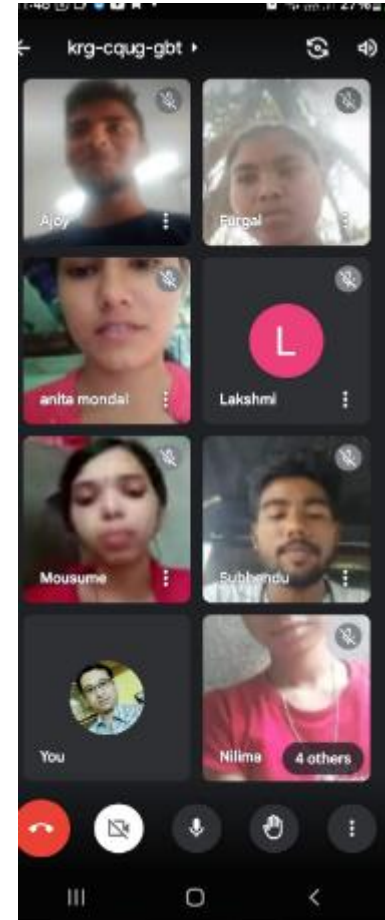
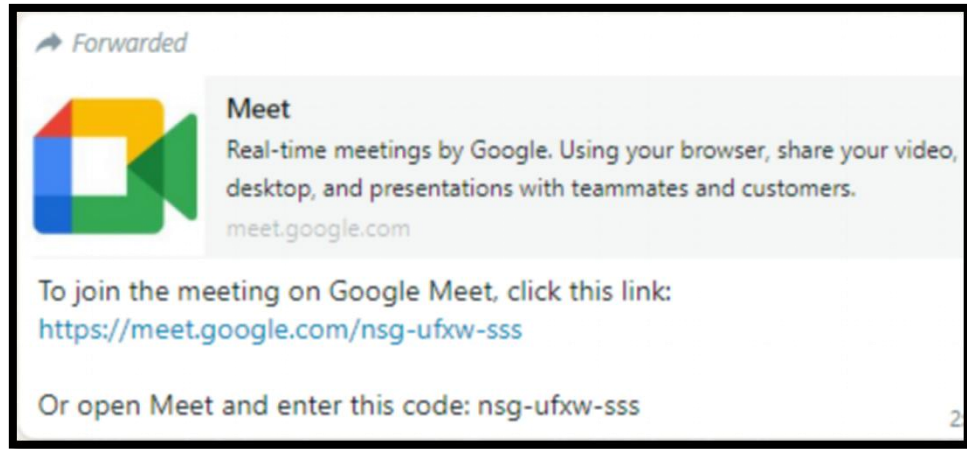
ISRO: Lunar Mission

- Chandrayaan-1
- October 22, 2008
- Venue: Sriharikota.
- Period: 22/10/2008-29/08/2009
- Objective: Lunar Photography
- The spacecraft was orbiting around the Moon at a height of 100 km from the lunar surface for chemical, mineralogical and photo-geologic mapping of the Moon.
- After the successful completion of all the major mission objectives, the orbit has been raised to 200 km during May 2009. The satellite made more than 3400 orbits around the moon and the mission was concluded when the communication with the spacecraft was lost on August 29, 2009.

LUNAR MISSION: 2019,2021

- India's second mission to the Moon, Chandrayaan-2 was launched on 22nd July 2019 from Satish Dhawan Space Center, Sriharikota. The Orbiter which was injected into a lunar orbit on 2nd Sept 2019, carries 8 experiments to address many open questions on lunar science.
- a small error during the Chandrayaan-2 mission in 2019 led to its failure.
- 1ST Chandrayan :2008 (October)

GLIMPSES OF PROGRAMME



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Outcomes:

- Students of the college are from pure arts (social science background). Hence space related informative dissemination lecture is helpful to enrich their knowledge base on Space research.
- Students acquired the knowledge about the IRSO and Indian glorious space research history.



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