THE HINDU CALENDAR

Date of birth of Lord Rama, Lord Krishna, Lord Jesus Christ and the death of Lord Krishna and Lord Jesus:

https://drive.google.com/file/d/1-3MZioDRdQHDzY4slDqa5iaMT0YP7C9F/view?usp=drive_link

INTRODUCTION: The Earth revolves around the Sun in an "Elliptical Orbit" is true if there is no Creator. The true Creator (Brahma or Yahweh) determined that the Day, the Synodic Month, and the Tropical Year. So, these are Constant forever. Hindus/Chinese thought that the Earth completed 60 revolutions (60 Years) around the Sun, and at the same time, the Moon completed 742 revolutions (742 Synodic Months) around the Earth. Even though the 30 – Year Cycle repeats in the 60 – Year Cycle Chinese and Hindus/Chinese believed that the 60 - Year Cycle was determined by the Creator. Even if the Hindu Tropical Year (365.2 days) is not equal to the Gregorian Tropical Year (365.2425 days), Hindus didn't stop celebrating Bhogi, Sankranti, Kanuma, and Mukkanuma in January. Finally, it is easy to discover or confirm the dates of Birth of Sri Rama and Sri Krishna Astronomically with the help of MS Office Excel, a Calculator, and the Astro pixels Calendar Date Converter, provided genuine History is recorded in Hindu Religious Books. Moreover, the 4 Yugas are based on the Hindu Synodic Month, which has 29.5309973 days, and the Hindu Tropical Year, which has 365.2 days. IAU/NASA discovered that the Synodic Month with 29.53058885 days and the Tropical Year with 365.2422 days are the reasons behind the occurrences of accurate Phases of the Moon, accurate Seasons, and accurate Years. So, Brahma is the true Creator if the discoveries of IAU/NASA and Yahweh the Creator (49 – Year Cycle) are inaccurate. Sri. Pushkar Bhatnagar, Mr. Sarath Upadhyay, Dr. NNO, and so on used the Synodic Month as 29.53058885 days (IAU) instead of the Hindu Synodic Month (29.5309973 days) in their calculations. Eg. **Lord Krishna's birth is 19th July 3228 BCE** and **Kali Yuga began on 18th February 3102 BCE** (date of Krishna's birth), https://www.drikpanchang.com/dashavatara/rama-navami/lord-rama-date-of-birth.html, https://en.wikipedia.org/wiki/Yuga_cycle, https://nileshoak.wordpress.com/2019/08/02/faq-frequently-asked-questions/

CASE – 1: Hindu Calendar Formula if Hindu Tropical Year = 365.25 days and 365.2425 days (AD/CE 1582 to 428899):

The Hindu Calendar Formula: 1 Cycle = 60 Years = 60 Hindu Luni Solar Years = 60 Hindu Tropical Years (60 X 365.25 days = 21915 days) = 60 – Year Luni Solar Cycle = 60 – Year Tropical Cycle = 742 Hindu Synodic Months (742 X 29.53504043 days = 21,915 days) = 720 Hindu Tropical Months = 21,915 days. **Note:** https://en.wikipedia.org/wiki/Yuga_cycle gives 43,20,000 years = 3891102 BCE to CE 428899. So, I used this method.

Hindu Tropical Year (Julian Tropical Year) = Days completed per 60 – Year Tropical Cycle ÷ 60 Tropical Years = 21,915 days ÷ 60 = 365.25 days (365 days and 6 hours). Note: **Leap Year** occurred between 45 BCE and AD/CE 1582 in the 4th year because of 6 hours.

Hindu Synodic Month (Julian Synodic Month) = Days completed per 60 – Year Luni Solar Cycle ÷ Synodic Months completed per 60 – Year Luni Solar Cycle = 21,915 days ÷ 742 Synodic Months = 29.53504043 days (29 days, 12 hrs., 50 min., and 27.49326432 sec.).

Satya Yuga: From 6 AM on 18th Feb., 38,91,102 BC/BCE (Sun.) to 6 AM on 18th Feb., 21,63,102 BCE/BC (Wed.) = 63,11,52,000 days.

Treta Yuga: From 6 AM on 18th Feb., 21,63,102 BC/BCE (Wed.) to 6 AM on 18th Feb., 8,67,102 BCE/BC (Sun.) = 47,33,64,000 days.

Dwapara Yuga: From 6 AM on 18th Feb., 8,67,102 BC/BCE (Sun.) to **6 AM on 18th Feb., 3,102 BCE/BC (Fri.)** = 31,55,76,000 days.

Kali Yuga: From 6 AM on 18th Feb., 3102 BC/BCE (Fri.) to 6 AM on 8th Dec., AD/CE 4,28,907 BCE/BC (Thu.) = 15,77,88,000 days.

According to CASE – 1, 4 YUGAS = From Satya Yuga to the end of Kali Yuga = 1,57,78,80,000 days = Constant forever.

EXPLANATION TO SATYA YUGA: In this, Hindu Synodic Month (HSM) with 29.53504043 days and Hindu Tropical Year (HTY) with 365.25 days are used.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Years = 2,13,69,600 HSM = 63,11,52,000 days.

From 6 AM on 18th Feb., 3891102 BCE to 6 AM on 31st Dec., 3891102 BC/BCE = 00,00,00,316 days.

From 6 AM on 31st Dec., 3891102 BCE to 6 AM on 31st Dec., 3891101 BC/BCE = 00,00,00,366 days (Leap Year).

From 6 AM on 31st Dec., 3891101 BCE to 6 AM on 31st Dec., 2163105 BC/BCE = 63,11,50,539 days.

From 6 AM on 31st Dec., 2163105 BCE to 6 AM on 31st Dec., 2163104 BC/BCE = 00,00,00,365 days.

From 6 AM on 31t Dec., 2163104 BCE to 6 AM on 31st Dec., 2163103 BC/BCE = 00,00,00,365 days.

From 6 AM on 31st Dec., 2163103 BCE to 6 AM on 18th Feb., 2163102 BC/BCE = 00,00,00,049 days.

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Note: I calculated from Kali Yuga (18th Feb., 3102 BCE). Total days = 63,11,52,000 days.

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Let's verify whether the above calculations are true or false.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Hindu Tropical Years = 2,13,69,600 Hind Synodic Months = 63,11,52,000 days.

Eg. 1 : 4,800 Divine Years = 63,11,52,000 days.

1 Dine Year = How many days?

So, 1 Divine Year = (1 Divine Year X 63,11,52, 000 days) ÷ 4,800 Divine Years = 1,31,490 days.

So, 1 Divine Year = 1,31,490 days.

1 Divine Year = 1,31,490 days. Note: 1 Divine Year = 6 Cycles = 4452 HSM = 1,31,490 days= 360 Tropical Years.

4,800 Divine Years = How many days?

So, 4,800 Divine Years = (4,800 Divine Years X 1,31,490 days) ÷ 1 Divine Year = 63,11,52,000 days.

So, **Satya Yuga = 18th Feb., 3891102 BCE to 18th Feb., 2163102 BCE = 63,11,52,000 days** is proven according to CASE – 1.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Hindu Tropical Years = 2,13,69,600 Hind Synodic Months = 63,11,52,000 days.

Eg. 2 : 28,800 Cycles = 63,11,52,000 days.

1 Cycle = How many days?

So, 1 Cycle = (1 Cycle X 63,11,52, 000 days) ÷ 28,800 Cycles = 21,915 days (According to Formula).

So, **1 Cycle = 21,915 days is proven.**

So, **Satya Yuga = 18th Feb., 3891102 BCE to 18th Feb., 2163102 BCE = 63,11,52,000 days** is proven according to CASE – 1.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Hindu Tropical Years = 2,13,69,600 Hind Synodic Months = 63,11,52,000 days.

Eg. 3 : 17,28,000 Hindu Tropical Years = 63,11,52,000 days.

1 Hindu Tropical Year = How many days?

So, 1 Hindu Tropical Year = (1 Hindu Tropical Year X 63,11,52, 000 days) ÷ 1728000 Hindu Tropical Years = 365.25 days.

So, **1 Hindu Tropical Year = 365.25 days is proven.**

So, **Satya Yuga = 18th Feb., 3891102 BCE to 18th Feb., 2163102 BCE = 63,11,52,000 days** is proven according to CASE – 1.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Hindu Tropical Years = 2,13,69,600 Hind Synodic Months = 63,11,52,000 days.

Eg. 4 : 2,13,69,600 Hindu Synodic Months = 63,11,52,000 days.

1 Hindu Synodic Month = How many days?

So, 1 Hindu Synodic Month = (1 Hindu Synodic Month X 63,11,52, 000 days) ÷ 2,13,69,600 Hindu Synodic Months = 29.53504043 days (29 days, 12 hours, 50 minutes, and 27.49326432 seconds).

So, 1 Hindu Synodic Month = **29.53504043 days** is proven.

So, **Satya Yuga = 18th Feb., 3891102 BCE to 18th Feb., 2163102 BCE = 63,11,52,000 days** is proven according to CASE – 1.

EXPLANATION TO TRETA YUGA: In this, Hindu Synodic Month (HSM) with 29.53504043 days and Hindu Tropical Year (HTY) with 365.25 days are used.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,33,64,000 days.

From 6 AM on 18th Feb., 2163102 BCE to 6 AM on 31st Dec., 2163102 BC/BCE = 00,00,00,316 days.

From 6 AM on 31st Dec., 2163102 BCE to 6 AM on 31st Dec., 2163101 BC/BCE = 00,00,00,366 days (Leap Year)

From 6 AM on 31st Dec., 2163101 BCE to 6 AM on 31st Dec., 867105 BC/BCE = 47,33,62,539 days.

From 6 AM on 31st Dec., 867105 BCE to 6 AM on 31st Dec., 867104 BC/BCE = 00,00,00,365 days.

From 6 AM on 31t Dec., 867104 BCE to 6 AM on 31st Dec., 867103 BC/BCE = 00,00,00,365 days.

From 6 AM on 31st Dec., 867103 BCE to 6 AM on 18th Feb., 867102 BC/BCE = 00,00,00,049 days.

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Total days = 47,33,64,000 days

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Let's verify whether the above calculations are true or false.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,33,64,000 days.

Eg. 1 : 3,600 Divine Years = 47,33,64,000 days.

1 Dine Year = How many days?

So, 1 Divine Year = (1 Divine Year X 47,33,64,000 days) ÷ 3,600 Divine Years = 1,31,490 days.

So, 1 Divine Year = 1,31,490 days.

1 Divine Year = 1,31,490 days.

3,600 Divine Years = How many days?

So, 3,600 Divine Years = (3,600 Divine Years X 1,31,490 days) ÷ 1 Divine Year = 47,33,64,000 days.

So, **Treta Yuga takes 47,33,64,000 days** is proven according to CASE – 1.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,33,64,000 days.

Eg. 2 : 21,600 Cycles = 47,33,64,000 days.

1 Cycle = How many days?

So, 1 Cycle = (1 Cycle X 47,33,64,000 days) ÷ 21,600 Cycles = 21,915 days (According to Formula).

So, **1 Cycle = 21,915 days is proven.**

So, Treta Yuga takes 47,33,64,000 days is proven according to CASE – 1.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,33,64,000 days.

Eg. 3 : 12,96,000 Hindu Tropical Years = 47,33,64,000 days

1 Hindu Tropical Year = How many days?

So, 1 Hindu Tropical Year = (1 Hindu Tropical Year X 47,33,64,000 days) ÷ 12,96,000 Hindu Tropical Years = 365.25 days.

So, **1 Hindu Tropical Year = 365.25 days is proven.**

So, Treta Yuga takes 47,33,64,000 days is proven according to CASE – 1.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,33,64,000 days.

Eg. 4 : 1,60,27,200 Hindu Synodic Months = 47,33,64,000 days

1 Hindu Synodic Month = How many days?

So, 1 Hindu Synodic Month = (1 Hindu Synodic Month X 47,33,64,000 days) ÷ 1,60,27,200 Hindu Synodic Months = 29.53504043 days (29 days, 12 hours, 50 minutes, and 27.49326432 seconds).

So, 1 Hindu Synodic Month = **29.53504043 days** is proven.

So, Treta Yuga takes 47,33,64,000 days is proven according to CASE – 1.

So, **Treta Yuga = 18th Feb., 2163102 BCE to 18th Feb., 867102 BCE = 47,33,64,000 days** is proven according to CASE – 1.

EXPLANATION TO DWAPARA YUGA: In this, Hindu Synodic Month (HSM) with 29.53504043 days and Hindu Tropical Year (HTY) with 365.25 days are used.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,76,000 days.

From 6 AM on 18th Feb., 867102 BCE to 6 AM on 31st Dec., 867102 BC/BCE = 00,00,00,316 days.

From 6 AM on 31st Dec., 867102 BCE to 6 AM on 31st Dec., 867101 BC/BCE = 00,00,00,366 days (Leap Year)

From 6 AM on 31st Dec., 867101 BCE to 6 AM on 31st Dec., 3105 BC/BCE = 47,33,62,539 days.

From 6 AM on 31st Dec., 3105 BCE to 6 AM on 31st Dec., 3104 BC/BCE = 00,00,00,365 days.

From 6 AM on 31t Dec., 3104 BCE to 6 AM on 31st Dec., 3103 BC/BCE = 00,00,00,365 days.

From 6 AM on 31st Dec., 3103 BCE to 6 AM on 18th Feb., 3102 BC/BCE = 00,00,00,049 days.

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Total days = 31,55,76,000 days

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Let's verify whether the above calculations are true or false.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,76,000 days.

Eg. 1 : 2,400 Divine Years = 31,55,76,000 days.

1 Dine Year = How many days?

So, 1 Divine Year = (1 Divine Year X 31,55,76,000 days) ÷ 3,600 Divine Years = 1,31,490 days.

So, 1 Divine Year = 1,31,490 days.

1 Divine Year = 1,31,490 days.

2,400 Divine Years = How many days?

So, 2,400 Divine Years = (2,400 Divine Years X 1,31,490 days) ÷ 1 Divine Year = 31,55,76,000 days.

So, **Dwapara Yuga takes** 31,55,76,000 days is proven according to CASE – 1.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,76,000 days.

Eg. 2 : 14,400 Cycles = 31,55,76,000 days.

1 Cycle = How many days?

So, 1 Cycle = (1 Cycle X 31,55,76,000 days) ÷ 14,400 Cycles = 21,915 days (According to Formula).

So, **1 Cycle = 21,915 days is proven.**

So, Dwapara Yuga takes 31,55,76,000 days is proven according to CASE – 1.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,76,000 days.

Eg. 3 : 8,64,000 Hindu Tropical Years = 31,55,76,000 days

1 Hindu Tropical Year = How many days?

So, 1 Hindu Tropical Year = (1 Hindu Tropical Year X 31,55,76,000 days) ÷ 8,64,000 Hindu Tropical Years = 365.25 days.

So, **1 Hindu Tropical Year = 365.25 days is proven.**

So, Dwapara Yuga takes 31,55,76,000 days is proven according to CASE – 1.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,76,000 days.

Eg. 4 : 1,06,84,800 Hindu Synodic Months = 31,55,76,000 days

1 Hindu Synodic Month = How many days?

So, 1 Hindu Synodic Month = (1 Hindu Synodic Month X 31,55,76,000 days) ÷1,06,84,800 Hindu Synodic Months = 29.53504043 days (29 days, 12 hours, 50 minutes, and 27.49326432 seconds).

So, 1 Hindu Synodic Month = **29.53504043 days** is proven.

So, Dwapara Yuga takes 31,55,76,000 days is proven according to CASE – 1.

So, **Dwapara Yuga = 18th Feb., 867102 BCE to 18th Feb., 3102 BCE =** 31,55,76,000 days is proven according to CASE – 1.

EXPLANATION TO KALI YUGA: In this, Hindu Synodic Month (HSM) with 29.53504043 days and Hindu Tropical Year (HTY) with 365.25 days are used.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,88,000 days.

We can simply obtain 15,77,88,000 days from 18th Feb., 3102 BCE to 8th Dec., CE 428907 with the help of https://astropixels.com/ephemeris/calendarconverter.html. The converter can't work beyond 4700 BCE. It is so easy to verify days and day of the Week if NASA expand Astro pixels Calendar Date Converter up to 40,00,000 BCE.

Let's verify whether the above calculations are true or false.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,88,000 days.

Eg. 1 : 1,200 Divine Years = 15,77,88,000 days.

1 Dine Year = How many days?

So, 1 Divine Year = (1 Divine Year X 15,77,88,000 days) ÷ 1,200 Divine Years = 1,31,490 days.

So, 1 Divine Year = 1,31,490 days.

1 Divine Year = 1,31,490 days.

1,200 Divine Years = How many days?

So, 1,200 Divine Years = (1,200 Divine Years X 1,31,490 days) ÷ 1 Divine Year = 15,77,88,000 days.

So, **Kali Yuga takes** 15,77,88,000 days is proven according to CASE – 1.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,88,000 days.

Eg. 2 : 7,200 Cycles = 15,77,88,000 days.

1 Cycle = How many days?

So, 1 Cycle = (1 Cycle X 15,77,88,000 days) ÷ 7,200 Cycles = 21,915 days (According to Formula).

So, **1 Cycle = 21,915 days is proven.**

So, **Kali Yuga** takes 15,77,88,000 days is proven according to CASE – 1.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,88,000 days.

Eg. 3 : 4,32,000 Hindu Tropical Years = 15,77,88,000 days.

1 Hindu Tropical Year = How many days?

So, 1 Hindu Tropical Year = (1 Hindu Tropical Year X 15,77,88,000 days) ÷ 4,32,000 Hindu Tropical Years = 365.25 days.

So, **1 Hindu Tropical Year = 365.25 days is proven.**

So, **Kali Yuga** takes 15,77,88,000 days is proven according to CASE – 1.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,88,000 days.

Eg. 4 : 53,42,400 Hindu Synodic Months = 15,77,88,000 days.

1 Hindu Synodic Month = How many days?

So, 1 Hindu Synodic Month = (1 Hindu Synodic Month X 15,77,88,000 days) ÷ 53,42,400 Hindu Synodic Months = 29.53504043 days (29 days, 12 hours, 50 minutes, and 27.49326432 seconds).

So, 1 Hindu Synodic Month = **29.53504043 days** is proven.

So, **Kali Yuga** takes 15,77,88,000 days is proven according to CASE – 1.

So, **Kali Yuga = 18th Feb., 3102 BCE to 8th Dec., CE 428907 =** 15,77,88,000 days is proven according to CASE – 1.

Research : https://www.drikpanchang.com/dashavatara/lord-krishna/dashavatara-lord-krishna.html states in this way, "Lord Krishna was born during **Dvapara Yuga** out of four cyclic Yugas described in Hindu scriptures. Based on scripture details and astrological calculations the date of Krishna's birth is July 19, 3228 BCE and date of Krishna's death, when Lord Krishna returned to His eternal abode of **Vaikuntha**, is February 18, 3102 BCE. The present Yuga which is known as **Kali Yuga** started after the death of Lord Krishna". ***Note:*** *I began calculated from 18th February 3102 BCE (Friday) according to Mr. Saradh Upadhyay. Finally, it was observed that Hindu Synodic Month with 29.53504043 days (29 days, 12 hours, 50 minutes, and 27.49326432 seconds) and Hindu Tropical Year with 365.25 days are not suitable to get accurate Phases of the Moon, accurate Seasons, and accurate Years (New Year at the right Season). I calculated backward and forward from "18th February 3102 BCE" because so-called geniuses calculated from this date. That was the reason why I too calculated from 18th February 3102 BCE. Finally, all the above calculations proved that the so-called geniuses have been misleading Hindus from the dark ages to this very day.*

We should not calculate 4 Yugas as below henceforth.

Satya Yuga *= 3891102 BCE to 2163102 BCE = Inaccurate calculation = Blunder forever.*

Treta Yuga *= 2163102 BCE to 867102 BCE = Inaccurate calculation = Blunder forever.*

Dwapara Yuga *= 867102 BCE to 3102 BCE = Inaccurate calculation = Blunder forever.*

Kali Yuga *= 3102 BCE to CE 428907 = Fake =* ***Note:*** *3102 BCE to CE 428907 is the clue to verify the years in terms of days. For the proof, please use this https://astropixels.com/ephemeris/calendarconverter.html*

We should calculate 4 Yugas as below henceforth because Astronomy proves the true Creator's Calendar Formula.

Satya Yuga: From 6 AM on 18th Feb., 38,91,102 BC/BCE (Sun.) to 6 AM on 18th Feb., 21,63,102 BCE/BC (Wed.) = 63,11,52,000 days.

Treta Yuga: From 6 AM on 18th Feb., 21,63,102 BC/BCE (Wed.) to 6 AM on 18th Feb., 8,67,102 BCE/BC (Sun.) = 47,33,64,000 days.

Dwapara Yuga: From 6 AM on 18th Feb., 8,67,102 BC/BCE (Sun.) to **6 AM on 18th Feb., 3,102 BCE/BC (Fri.)** = 31,55,76,000 days.

Kali Yuga: From 6 AM on 18th Feb., 3102 BC/BCE (Fri.) to 6 AM on 8th Dec., AD/CE 4,28,907 BCE/BC (Thu.) = 15,77,88,000 days.

We should not calculate 4 Yugas as below henceforth.

Satya Yuga *= 3891102 BCE to 2163102 BCE = Blunder forever. Are not these calculations end up with foolishness?*

Treta Yuga *= 2163102 BCE to 867102 BCE = Blunder forever. Are not these calculations end up with foolishness?*

Dwapara Yuga *= 867102 BCE to 3102 BCE = Blunder forever. Are not these calculations end up with foolishness?*

Kali Yuga *= 3102 BCE to CE 428899 = Blunder forever. Are not these calculations end up with foolishness?*

Please remember that we should not use the Synodic Month (29.53058885 days) discovered by IAU or NASA because Satya Yuga began strictly at 6 AM on 19th Feb., 3890521 BCE (Sat.) at 82.5°E, (Now Mirzapur, India). Hindus should use the Hindu Synodic Month (29.5309973 days) and Hindu Tropical Year (365.2 days) in Panchang and in 4 Yugas henceforth. Moreover, the time and Phases of the Moon begins from India if Brahma the Creator determined the Day (24 hours or 1440 minutes or 86,400 seconds), the Synodic Month (29.5309973 days) and the Tropical Year (365.2 days). So, the Universal Time should be calculated as "IST ± h m s" because this principle was determined by Brahma the Creator. So, everyone should calculate 4 Yugas as below henceforth.

CASE – 2: Hindu Calendar Formula if Hindu Tropical Year = 365.2 days and Hindu Synodic Month = 29.5309973 days:

Hindu Calendar Principle/Theory: The Earth completed 60 revolutions around the Sun in a "Circular Orbit", and at the same time the Moon completed 742 revolutions around the Earth. Note: The Earth revolves around the Sun in an "Elliptical Orbit" is true if there is no Creator because the Synodic Month (29.53058885 days) and Tropical Year (365.2422 days) vary always as discovered by Astronomers (IAU/NASA). So, the discoveries of Astronomers (IAU/NASA) were not useful to confirm any Historical events written in any Religious Book because the Hindu Synodic Month (29.5309973 days) is obtained from the 60 – Year Cycle and Jewish Synodic Month (29.53135314 days) is obtained from the 49 – Year Cycle. Astronomers didn't discover accurate relationship between the Earth, the Sun, and the Moon in terms of the 49 – Year Cycle to this day (Leviticus 25:8-9; Jeremiah 33:19-26).

Hindu Calendar Formula: 1 Cycle = 60 Years = 60 Luni Solar Years = 60 Tropical Years = 60 – Year Luni Solar Cycle = 60 – Year Tropical Cycle = **742** Hindu Synodic Months = **720** Hindu Tropical Months = **21,912 days** = 21,912 Days (Daytime) + 21912 Nights (Night time) = Constant forever because this formula was determined by Brahma the Creator in the beginning of Satya Yuga (**At 6 AM on 19th February 3890521 BC/BCE (Sat.)**, at 82.5°E, Mirzapur, **India**).

Hindu Tropical Year (HTY) = Days completed per 60 – Year Tropical Cycle ÷ 60 Tropical Years = 21,912 days ÷ 60 = 365.2 days (365 days, and 4 hours and 48 minutes and 0 seconds). Note: Accurate Seasons have not been occurring according the **Hindu Tropical Year (365.2 days) because of inaccuracy**. Please note that **Gregorian Tropical Year (365.2525 days)** is not equal to the Hindu Tropical Year (365.2 days). ***So, Bhogi, Sankranti, Kanuma and Mukkanuma should not be celebrated in the Month of January***.

Hindu Tropical Month (HTM) = Hindu Tropical Year (HTY) ÷ 12 = 365.2 days ÷ 12 = 30.43333333 days.

Hindu Luni Solar Difference Per Month (HLSDPM) = HTM – HSM = 30.43333333 days – 29.5309973 days = 0.902336028 days.

Hindu Extra Month = 0.902336033 days. ***Note:*** *Extra Month occurs at the end of 33rd or 32nd Hindu Synodic Month but all Panchang writers are not using this principle because they know the errors in the Hindu Calendar. That is why Extra Month is being added whenever it is necessary so that Hindus could not realize that the Hindu Calendar is not an accurate one.*

Hindu Synodic Month (HSM) = Days completed per 60 – Year Luni Solar Cycle ÷ Synodic Months completed per 60 – Year Luni Solar Cycle = 21,912 days ÷ 742 Synodic Months = 29.5309973 days (29 days, 12 hours, 44 minutes, and 38.16711744 seconds).

Research: If History (Whether it is written or Oral) was not proven Astronomically (Scientifically) then it is treated as fiction.

Satya Yuga: From 6 AM on 19th Feb., 38,90,521 BC/BCE (Sat.) to 6 AM on 2nd Aug., 21,62,758 BCE/BC (Wed.) = 63,10,65,600 days.

Treta Yuga: From 6 AM on 2nd Aug., 21,62,758 BC/BCE (Wed.) to 6 AM on 4th Mar., 8,66,935 BCE/BC (Sat.) = 47,32,99,200 days.

Dwapara Yuga: From 6 AM on 4th Mar., 8,66,935 BC/BCE (Sat.) to 6 AM on 24th Nov., 3054 BCE/BC (Mon.) = 31,55,32,800 days.

Kali Yuga: From 6 AM on 24th Nov., 3102 BC/BCE (Mon.) to 6 AM on 23rd Jul., AD/CE 4,28,897 BCE/BC (Tue.) = 15,77,66,400 days.

Total days = From Satya Yuga to the end of Kali Yuga = 1,57,76,64,000 days.

EXPLANATION TO SATYA YUGA: In this, Hindu Synodic Month **(**HSM = 29.5309973 days) and Hindu Tropical Year (HTY = 365.2 days) are used.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Years = 2,13,69,600 HSM = 63,10,65,600 days.

From 6 AM on 19th Feb., 3890521 BCE to 6 AM on 31st Dec., 3890521 BC/BCE = 00,00,00,316 days (Leap Year)

From 6 AM on 31st Dec., 3890521 BCE to 6 AM on 31st Dec., 2162761 BC/BCE = 63,10,64,340 days.

From 6 AM on 31st Dec., 2162761 BCE to 6 AM on 31st Dec., 2162760 BC/BCE = 00,00,00,365 days.

From 6 AM on 31t Dec., 2162760 BCE to 6 AM on 31st Dec., 2162759 BC/BCE = 00,00,00,365 days.

From 6 AM on 31st Dec., 2162759 BCE to 6 AM on 2nd Aug., 2162758 BC/BCE = 00,00,00,214 days.

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Total days = 63,10,65,600 days.

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Let's verify whether the above calculations are true or false.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Hindu Tropical Years = 2,13,69,600 Hind Synodic Months = 63,10,65,600 days.

Eg. 1 : 4,800 Divine Years = 63,10,65,600 days.

1 Dine Year = How many days?

So, 1 Divine Year = (1 Divine Year X 63,10,65,600 days) ÷ 4,800 Divine Years = 1,31,472 days.

So, 1 Divine Year = 1,31,472 days.

1 Divine Year = 1,31,472 days. Note: 1 Divine Year = 6 Cycles = 4452 HSM = 1,31,472 days = 360 Tropical Years.

4,800 Divine Years = How many days?

So, 4,800 Divine Years = (4,800 Divine Years X 1,31,472 days) ÷ 1 Divine Year = 63,10,65,600 days.

So, **Satya Yuga = 19th Feb., 3890521 BCE to 2nd Aug., 2162758 BCE = 63,10,65,600 days** is proven according to CASE – 2.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Hindu Tropical Years = 2,13,69,600 Hind Synodic Months = 63,10,65,600 days.

Eg. 2 : 28,800 Cycles = 63,10,65,600 days.

1 Cycle = How many days?

So, 1 Cycle = (1 Cycle X 63,10,65,600 days) ÷ 28,800 Cycles = 21,912 days (According to Formula).

So, **1 Cycle = 21,912 days is proven.**

So, **Satya Yuga = 19th Feb., 3890521 BCE to 2nd Aug., 2162758 BCE = 63,10,65,600 days** is proven according to CASE – 2.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Hindu Tropical Years = 2,13,69,600 Hind Synodic Months = 63,10,65,600 days.

Eg. 3 : 17,28,000 Hindu Tropical Years = 63,10,65,600 days.

1 Hindu Tropical Year = How many days?

So, 1 Hindu Tropical Year = (1 Hindu Tropical Year X 63,10,65,600 days) ÷ 1728000 Hindu Tropical Years = 365.2 days.

So, **1 Hindu Tropical Year = 365.2 days is proven.**

So, **Satya Yuga = 19th Feb., 3890521 BCE to 2nd Aug., 2162758 BCE = 63,10,65,600 days** is proven according to CASE – 2.

Satya Yuga = 4,800 Divine Years = 28,800 Cycles = 17,28,000 Hindu Tropical Years = 2,13,69,600 Hind Synodic Months = 63,10,65,600 days.

Eg. 4 : 2,13,69,600 Hindu Synodic Months = 63,10,65,600 days.

1 Hindu Synodic Month = How many days?

So, 1 Hindu Synodic Month = (1 Hindu Synodic Month X 63,10,65,600 days) ÷ 2,13,69,600 Hindu Synodic Months = 29.5309973 days (29 days, 12 hours, 44 minutes, and 38.16711744 seconds).

So, 1 Hindu Synodic Month = **29.5309973 days** is proven.

So, **Satya Yuga = 19th Feb., 3890521 BCE to 2nd Aug., 2162758 BCE = 63,10,65,600 days** is proven according to CASE – 2.

EXPLANATION TO TRETA YUGA: In this, Hindu Synodic Month **(**HSM = 29.5309973 days) and Hindu Tropical Year (HTY = 365.2 days) are used.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,32,99,200 days.

From 6 AM on 2nd Aug., 2162758 BCE to 6 AM on 31st Dec., 2162758 BC/BCE = 00,00,00,151 days.

From 6 AM on 31st Dec., 2162758 BCE to 6 AM on 31st Dec., 2162757 BC/BCE = 00,00,00,366 days (Leap Year)

From 6 AM on 31st Dec., 2162757 BCE to 6 AM on 31st Dec., 866937 BC/BCE = 47,32,98,255 days.

From 6 AM on 31t Dec., 866937 BCE to 6 AM on 31st Dec., 866936 BC/BCE = 00,00,00,365 days.

From 6 AM on 31st Dec., 866936 BCE to 6 AM on 4th Mar., 866935 BC/BCE = 00,00,00,063 days.

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Total days = 47,32,99,200 days

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Let's verify whether the above calculations are true or false.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,32,99,200 days.

Eg. 1 : 3,600 Divine Years = 47,32,99,200 days.

1 Dine Year = How many days?

So, 1 Divine Year = (1 Divine Year X 47,32,99,200 days) ÷ 3,600 Divine Years = 1,31,490 days.

So, 1 Divine Year = 1,31,472 days.

1 Divine Year = 1,31,472 days.

3,600 Divine Years = How many days?

So, 3,600 Divine Years = (3,600 Divine Years X 1,31,472 days) ÷ 1 Divine Year = 47,32,99,200 days.

So, **Treta Yuga takes 47,32,99,200 days** is proven according to CASE – 2.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,32,99,200 days.

Eg. 2 : 21,600 Cycles = 47,32,99,200 days.

1 Cycle = How many days?

So, 1 Cycle = (1 Cycle X 47,32,99,200 days) ÷ 21,600 Cycles = 21,912 days (According to Formula).

So, **1 Cycle = 21,912 days is proven.**

So, **Treta Yuga takes 47,32,99,200 days** is proven according to CASE – 2.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,32,99,200 days.

Eg. 3 : 12,96,000 Hindu Tropical Years = 47,32,99,200 days

1 Hindu Tropical Year = How many days?

So, 1 Hindu Tropical Year = (1 Hindu Tropical Year X 47,32,99,200 days) ÷ 12,96,000 Hindu Tropical Years = 365.2 days.

So, **1 Hindu Tropical Year = 365.2 days is proven.**

So, **Treta Yuga takes 47,32,99,200 days** is proven according to CASE – 2.

Treta Yuga = 3,600 Divine Years = 21,600 Cycles = 12,96,000 Hindu Tropical Years = 1,60,27,200 Hindu Synodic Months = 47,32,99,200 days.

Eg. 4 : 1,60,27,200 Hindu Synodic Months = 47,32,99,200 days

1 Hindu Synodic Month = How many days?

So, 1 Hindu Synodic Month = (1 Hindu Synodic Month X 47,32,99,200 days) ÷ 1,60,27,200 Hindu Synodic Months = 29.5309973 days (29 days, 12 hours, 44 minutes, and 38.16711744 seconds).

So, 1 Hindu Synodic Month = **29.5309973 days** is proven.

So, Treta Yuga takes 47,32,99,200 days is proven according to CASE – 2.

So, **Treta Yuga = 2nd Aug., 2162758 BCE to 4th Mar., 866935 BCE =** 47,32,99,200 days is proven according to CASE – 2.

EXPLANATION TO DWAPARA YUGA: In this, Hindu Synodic Month **(**HSM = 29.5309973 days) and Hindu Tropical Year (HTY = 365.2 days) are used.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,32,800 days.

From 6 AM on 4th Mar., 866935 BCE to 6 AM on 31st Dec., 866935 BC/BCE = 00,00,00,302 days.

From 6 AM on 31st Dec., 866935 BCE to 6 AM on 31st Dec., 866934 BC/BCE = 00,00,00,365 days

From 6 AM on 31st Dec., 866934 BCE to 6 AM on 31st Dec., 866933 BC/BCE = 00,00,00,366 days (Leap Year).

From 6 AM on 31st Dec., 866933 BCE to 6 AM on 31st Dec., 3057 BC/BCE = 31,55,30,709 days.

From 6 AM on 31st Dec., 3057 BCE to 6 AM on 31st Dec., 3056 BC/BCE = 00,00,00,365 days.

From 6 AM on 31st Dec., 3056 BCE to 6 AM on 31st Dec., 3055 BC/BCE = 00,00,00,365 days.

From 6 AM on 31st Dec., 3055 BCE to 6 AM on 24th Nov., 3054 BC/BCE = 00,00,00,328 days.

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Total days = 31,55,32,800 days

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Let's verify whether the above calculations are true or false.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,32,800 days.

Eg. 1 : 2,400 Divine Years = 31,55,32,800 days.

1 Dine Year = How many days?

So, 1 Divine Year = (1 Divine Year X 31,55,32,800 days) ÷ 2,400 Divine Years = 1,31,472 days.

So, 1 Divine Year = 1,31,472 days.

1 Divine Year = 1,31,472 days.

2,400 Divine Years = How many days?

So, 2,400 Divine Years = (2,400 Divine Years X 1,31,472 days) ÷ 1 Divine Year = 31,55,32,800 days.

So, **Dwapara Yuga takes** 31,55,32,800 days is proven according to CASE – 2.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,32,800 days.

Eg. 2 : 14,400 Cycles = 31,55,32,800 days.

1 Cycle = How many days?

So, 1 Cycle = (1 Cycle X 31,55,32,800 days) ÷ 14,400 Cycles = 21,912 days (According to Formula).

So, **1 Cycle = 21,912 days is proven.**

So, Dwapara Yuga takes 31,55,32,800 days is proven according to CASE – 2.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,32,800 days.

Eg. 3 : 8,64,000 Hindu Tropical Years = 31,55,32,800 days

1 Hindu Tropical Year = How many days?

So, 1 Hindu Tropical Year = (1 Hindu Tropical Year X 31,55,32,800 days) ÷ 8,64,000 Hindu Tropical Years = 365.2 days.

So, **1 Hindu Tropical Year = 365.2 days is proven.**

So, Dwapara Yuga takes 31,55,32,800 days is proven according to CASE – 2.

Dwapara Yuga = 2,400 Divine Years = 14,400 Cycles = 8,64,000 Hindu Tropical Years = 1,06,84,800 Hindu Synodic Months = 31,55,32,800 days.

Eg. 4 : 1,06,84,800 Hindu Synodic Months = 31,55,32,800 days

1 Hindu Synodic Month = How many days?

So, 1 Hindu Synodic Month = (1 Hindu Synodic Month X 31,55,32,800 days) ÷1,06,84,800 Hindu Synodic Months = 29.5309973 days (29 days, 12 hours, 44 minutes, and 38.16711744 seconds).

So, 1 Hindu Synodic Month = **29.5309973 days** is proven.

So, Dwapara Yuga takes 31,55,32,800 days is proven according to CASE – 2.

So, **Dwapara Yuga = 4th Mar., 866935 BCE to 24th Nov., 3054 BCE =** 31,55,32,800 days is proven according to CASE – 2.

EXPLANATION TO KALI YUGA: In this, Hindu Synodic Month **(**HSM = 29.5309973 days) and Hindu Tropical Year (HTY = 365.2 days) are used.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,66,400 days.

We can simply obtain 15,77,66,400 days from 6 AM on 24th Nov., 3054 BCE (Mon.) to 6 AM on 23rd July CE 428897 (Tue.) with the help of https://astropixels.com/ephemeris/calendarconverter.html. This converter can't work beyond 4700 BCE.

Let's verify whether the above calculations are true or false.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,66,400 days.

Eg. 1 : 1,200 Divine Years = 15,77,66,400 days.

1 Dine Year = How many days?

So, 1 Divine Year = (1 Divine Year X 15,77,66,400 days) ÷ 1,200 Divine Years = 1,31,472 days.

So, 1 Divine Year = 1,31,472 days.

1 Divine Year = 1,31,472 days.

1,200 Divine Years = How many days?

So, 1,200 Divine Years = (1,200 Divine Years X 1,31,472 days) ÷ 1 Divine Year = 15,77,66,400 days.

So, **Kali Yuga takes 15,77,66,400 days** is proven according to CASE – 2.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,66,400 days.

Eg. 2 : 7,200 Cycles = 15,77,66,400 days.

1 Cycle = How many days?

So, 1 Cycle = (1 Cycle X 15,77,66,400 days) ÷ 7,200 Cycles = 21,912 days (According to Formula).

So, **1 Cycle = 21,912 days is proven.**

So, **Kali Yuga takes 15,77,66,400 days** is proven according to CASE – 2.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,66,400 days.

Eg. 3 : 4,32,000 Hindu Tropical Years = 15,77,66,400 days.

1 Hindu Tropical Year = How many days?

So, 1 Hindu Tropical Year = (1 Hindu Tropical Year X 15,77,66,400 days) ÷ 4,32,000 Hindu Tropical Years = 365.2 days.

So, **1 Hindu Tropical Year = 365.2 days is proven.**

So, **Kali Yuga** takes **15,77,66,400 days** is proven according to CASE – 2.

KALI YUGA = 1,200 Divine Years = 7,200 Cycles = 4,32,000 Hindu Tropical Years = 53,42,400 Hindu Synodic Months = 15,77,66,400 days.

Eg. 4 : 53,42,400 Hindu Synodic Months = 15,77,66,400 days.

1 Hindu Synodic Month = How many days?

So, 1 Hindu Synodic Month = (1 Hindu Synodic Month X 15,77,66,400 days) ÷ 53,42,400 Hindu Synodic Months = 29.5309973 days (29 days, 12 hours, 44 minutes, and 38.16711744 seconds).

So, 1 Hindu Synodic Month = **29.5309973days** is proven.

So, **Kali Yuga** takes 15,77,66,400 days is proven according to CASE – 2.

So, **Kali Yuga = 24th Nov., 3054 BCE to 23rd Jul., CE 428897 =** 15,77,66,400 days is proven according to CASE – 2.

RESEARCH: Please study under the dates of birth and death of Sri Krishana (353rd page, 1911th page etc.). Hindu Synodic Month with 29.5309973 days and Hindu Tropical Year with 365.2 days have not been giving accurate nights, accurate days, accurate Phases of the Moon, accurate Seasons, and accurate Years. So, the Hindu Calendar was not determined by Brahma the Creator. For a piece of evidences, please study under HINDU ASTRONOMY under "Hindu Puzzle Solved by Me (4234 BCE to CE 2137)" and under "WERE LORD JESUS CHRIST, LORD RAMA, AND LORD KRISHNA BORN SCIENTIFICALLY OR NOT?" on www.yhwhcalendar49.com. Hindu Synodic Month with 29.5309973 days and Synodic Month with 29.53058885 days (IAU/NASA) were not proven Historically and Astronomically. So, don't follow any inaccurate Synodic Month and any inaccurate Tropical Year henceforth. https://www.drikpanchang.com/dashavatara/lord-krishna/dashavatara-lord-krishna.html states in this way, "Lord Krishna was born during **Dvapara Yuga** out of four cyclic Yugas described in Hindu scriptures. Based on scripture details and astrological calculations the date of Krishna's birth is July 19, 3228 BCE and date of Krishna's death, when Lord Krishna returned to His eternal abode of **Vaikuntha**, is February 18, 3102 BCE. The present Yuga which is known as **Kali Yuga** started after the death of Lord Krishna". That's why religious cheating is going on in every Religion. That's why we should calculate now. If any historical event concerning any Creator or God or Goddess were not proven Astronomically then such an event is treated as a fiction. (1). Ugadi occurred on 9th July 46 BCE when Julius Caesar proposed the Julian Calendar if we calculated according to the discoveries of Astronomers (IAU and NASA). Ugadi is similar to 1st Abib. Flowering or budding time was between April and May, when Julius Caesar proposed the Julian Calendar in 46 BCE. Proof: See the 1283rd page under " THE DISCOVERIES OF ASTRONOMERS (NASA OR IAU ETC.) HAVE BEEN MISLEADING THE WORLD - 1" on www.yhwhcalendar49.com. The Flowering Season didn't occur at the right Season when Julius Caesar was ruling the World. (2). Ugadi occurred on 29th June 46 BCE if calculated according to Hindu Synodic Month with 29.5309973 days. For a piece of evidence, please study the 850th page under "Hindu Puzzle Solved by Me" on our website. (3). See the 997th page under "CHALLENGE" (30 – Year Cycle = 60 – Year Cycle) on our website. Moreover, any Tropical Year more or less than 365.2244898 days has been not giving accurate nights, accurate days, accurate Seasons, and accurate Years. The discoveries (Synodic Month with 29.53058885 days and Tropical Year with 365.2422 days) of Astronomers of IAU and NASA are inaccurate forever. So, accurate Calendar formula proves the actual Creator. The calculations of Mr. Sarath Upadhyay, Dr. Nilesh Nilkanth Oak's (NNO's), Sri Pushkar Bhatnagar and so on are based on 29.53058885 days. So, don't believe in their calculations. For a piece of evidence, please study under "CHALLENGE", under "Hindu Calendar has been misleading Hindus (About 1500 BCE to CE 2136)" under HINDU ASTRONOMY and under "Hindu Puzzle Solved by Me (4234 BCE to CE 2137)" on www.yhwhcalendar49.com. "Bhogi, Sankranti, Kanuma and Mukkanuma Festivals" should not occur in January Month because Hindu Tropical Year (365.2 days) is not equal to Gregorian Tropical Year (365.2425 days). Please note that the Synodic Month with 29.53058885 days (Discovered by IAU/NASA) is not suitable in terms of Luni Solar Cycle and the Tropical Year with 365.2422 days is not suitable in terms of Tropical Cycle. Please note that the Tropical Year with 365.2425 days is suitable to get accurate nights (12 hours per Night) and accurate days (12 hours per day) but not useful to get accurate Seasons because of Gregorian Synodic Month with 29.55036408 days (Not suitable to get accurate Phases of the Moon, and Seasons).

Epilogue: If we consider that 1 day is taken as more or less than 86,400 seconds is not giving accurate Seasons. Any Synodic Month more or less than 29.53135314 days has been not giving accurate nights, accurate days, accurate Phases of the Moon, accurate Seasons, and accurate Years. Similarly, any Tropical Year more or less than 365.2244898 days has been not giving accurate nights, accurate days, accurate Seasons, and accurate Years. Hindus should not verify their Religious Historical events with IAU's Synodic Month. 49 - Year Cycle (1 Cycle = 49 Years = 49 – Year Luni Solar Cycle = 49 – Year Tropical Cycle = 606 Synodic Months = 588 Tropical Months = 17,896 days) is giving accurate Nights, accurate days, accurate Phases of the Moon, accurate Seasons, and accurate Years. For a piece of evidences, please study on www.yhwhcalendar49.com. Contact: perecesmanasseh@gmail.com