

ACCORDING TO THE HINDU CALENDAR (60 - YEAR LUNI SOLAR CYCLE), WHEN ARE UGADI AND SRI RAM NAVAMI IN CE 2024?

You will be beguiled by Religious Leaders and Astronomers unless you learn the basics of Astronomy. So, learn the basics of Hindu Astronomy, Jewish Astronomy, and NASA's data.

Principle of the Hindu Calendar: According to the relationship between the Earth, the Sun, and the Moon, the Earth revolves 60 times around the Sun in a Circular Orbit while the Moon revolves 742 times around the Earth in a Circular Orbit. This was determined by Lord Brahma. So, HSM (Hindu Synodic Month) and HTY (Hindu Tropical Year) are Constant because Brahma is the Creator.

The formula of the Hindu Calendar: 1 Cycle = 60 Years = 60 Luni Solar Years = 60 Tropical Years (60 X 365.2 days = 21,912 days) = 60 – Year Luni Solar Cycle = 742 Hindu Synodic Months (742 X 29.5309973 days = 21,912 days) = 21,912 days = 21,912 daytimes + 21,912 nights = 720 Hindu Tropical Months (720 X 30.43333333 days) = 60 – Year Tropical Cycle = Constant forever because the 60 – Year Cycle was determined by Brahma on 19th February 38,90,521 BCE (Sat.) at 82.5°E. So, HSM (Hindu Synodic Month) and HTY (Hindu Tropical Year) are Constant. Moreover, Brahma will be proved as the actual Creator if NASA's Synodic Month (NSM = 29.53058885 days) and Yahweh's Synodic Month (YSM = 29.53135314 days) are inaccurate. NASA calculated inaccurate Phases of the Moon from 2000 BCE to CE 4000 (<http://astropixels.com/ephemeris/phasescat/phasescat.html>). Yahweh determined YSM according to 49 - Year Luni Solar Cycle on 23rd February 4234 BCE, at 18 hours (6 AM) at 35°E Jerusalem - Genesis 1:13-19; Leviticus 25:8-9; Jeremiah 33:19-26, 31:35-37; John 11:9 (Read Yahweh's Book/ The Bible).

Hindu Synodic Month = 29.5309973 days or 29 days, 12 hours, 44 minutes, and 38.1671159 seconds (Days per 60 - Year Luni Solar Cycle ÷ Months per 60 - Year Luni Solar Cycle = 21912 days ÷ 742).

Hindu Tropical Year = 365.2 days or 365 days, 4 hours and 48 minutes (Days per 60 - Year Tropical Cycle ÷ 60 Years = 21912 days ÷ 60). Note: 365.2 days didn't give accurate Seasons.

Table - 1

CASE - 1: Firstly, let's discover the beginning and end of each Yuga by using Hindu Calendar (60 - Year Luni Solar Cycle).

Context	Satya Yuga	Treta Yuga	Dwapara Yuga	Kali Yuga	From Satya Yuga to the end of Kali Yuga	Research
Divine Years	4,800	3,600	2,400	1,200	12,000	1 Divine Year = 6 Hindu Cycles.
Luni Solar Cycles	28,800	21,600	14,400	7,200	72,000	72,000 X 21912 days = 157,76,64,000 days.
Tropical Cycles	28,800	21,600	14,400	7,200	72,000	72,000 X 21912 days = 157,76,64,000 days.
Hindu Luni Solar Years	17,28,000	12,96,000	8,64,000	4,32,000	43,20,000	60 - Year Cycle gives days per each Luni Solar Year.
Hindu Tropical Years	17,28,000	12,96,000	8,64,000	4,32,000	43,20,000	43,20,000 X 365.2 = 157,76,64,000 days
Hindu Synodic Months	2,13,69,600	1,60,27,200	1,06,84,800	53,42,400	5,34,24,000	5,34,24,000 X 29.5309973 = 157,76,64,000 days
Hindu Tropical Months	2,07,36,000	1,55,52,000	1,03,68,000	51,84,000	5,18,40,000	5,18,40,000 X 30.43333333 = 157,76,64,000 days
Days	63,10,65,600	47,32,99,200	31,55,32,800	15,77,66,400	157,76,64,000	https://en.wikipedia.org/wiki/Yuga_Cycle
Research: These are calculated according to the Hindu Calendar. HSM (29.5309973 days) and HTY (365.2 days) are used in these calculations.	Satya Yuga begins at 6 hours (6 AM) on 19th February 38,90,521 BCE (Sat.) and ends at 6 hours (6 AM) on 2nd August 21,62,758 BCE (Wed.)	Treta Yuga begins at 6 hours (6 AM) on 2nd August 21,62,758 BCE (Wed.) and ends at 6 hours (6 AM) on 4th March 8,66,935 BCE (Sat.)	Dwapara Yuga begins at 6 hours (6 AM) on 4th March 8,66,935 BCE (Sat.) and ends at 6 hours on 24th November 3054 BCE (Mon.).	Kali Yuga begins at 6 hours (6AM) on 24th November 3054 BCE (Mon.) and ends at 6 hours (6 AM) on 23rd July CE 4,28,897 (Tue.).	From 6 hours (6 AM) on 19th February 38,90,521 BCE (Sat.) to 6 hours (6 AM) on 23rd July CE 4,28,897 (Tue.).	Brahma is NOT proven as the actual Creator because the Hindu Tropical Year (365.2 days) didn't give accurate Seasons. Jewish New Year (1st Abib) occurred at the Right Season whereas Ugadi didn't occur at the RIGHT SEASON in 46 BCE when Julius Caesar introduced the Julian Calendar. Please see the 997th page under CHALLENGE on www.yhwhcalendar49.com .

Table - 2

CASE - 2: SOME SO-CALLED HINDU GENIUSES CALCULATED THE 4 YUGAS AS BELOW

https://en.wikipedia.org/wiki/Yuga_Cycle

	1. Satya Yuga	2. Treta Yuga	3. Dwapara Yuga	4. Kali Yuga	
Julian Synodic Month = 1461 days ÷ 49 Months = 29.81632653 days = Fit for nothing.	17,28,000 Years	12,96,000 Years	8,64,000 Years	4,32,000 Years	Julian Tropical Years in CASE - 2 are not accurate because the so-called geniuses used the Julian Tropical Year (365.25 days) instead of the Hindu Tropical Year (HTY = 365.2 days = Not suitable to get Seasons). There was no Julian Calendar between Satya Yuga and Dwapara Yuga. So, Hindus should NOT USE Julian Tropical Year and NASA's Synodic Month (NSM = 29.53058885 days). Bhogi and Sankranti festivals should NOT be celebrated in January.
	3891102 BCE to 2163102 BCE.	2163102 BCE to 867102 BCE	867102 BCE to 3102 BCE	3102 BCE to CE 428899	
	Julian Tropical Year (365.25 days) is used instead of Hindu Tropical Year (365.2 days). So, CASE - 2 is fake.				

CASE - 2 is 100% inaccurate because Hindu Religious leaders and so-called geniuses didn't know the basics of the Hindu Calendar and the difference between the Hindu Synodic Month (29.5309973 days) and NASA's Synodic Month (29.53058885 days = Fake). That's why Mr. Nilesh Nilkanth Oak, Mr. SaradhUphadyay, Dr. P V Vartak, Prof. C V Vaidya, Sri. K Venkatachalam, Mr. Pargiter, Mr. PBhatnagar, Mr. BV Ramana and so on were confused and miscalculated the dates of some events in Hindu Religious Books (Ramayana/Bharatam). Study under "Were Lord Jesus Christ, Lord Rama, and Lord Krishna born scientifically or not?" on our Website.

ACCORDING TO THE HINDU CALENDAR (60 - YEAR LUNI SOLAR CYCLE), WHEN ARE UGADI AND SRI RAM NAVAMI IN CE 2024?

Table - 3

Let's calculate Ugadi/Phabhava according to the Hindu Calendar (60 - Year Luni Solar Cycle), from the beginning of Satya Yuga.

Year	Month	Day	H	M	Sec.	DOW	DL	Say	Date of Ugadi	Beginning time of Prabhava	Which Yuga is completed?	How many times the 30 - Year Cycle is completed?	How many times 60 - Year Cycle is completed?	How many Hindu Luni Solar Years are completed?	HSM ended from Satya Yuga
3890521 BCE	February	19	06	00	00	Sat.	82.5°E	(1)	19th Feb., 3890521 BC	19th Feb., 3890521 BC	-	-	-	-	-
2162758 BCE	August	02	06	00	00	Wed.	82.5°E	(2)	2nd Aug., 2162758 BC	2nd Aug., 2162758 BC	Satya Yuga	57,600	28,800	17,28,000	21369600
866935 BCE	March	04	06	00	00	Sat.	82.5°E	(3)	4th Mar., 866935 BC	4th Mar., 866935 BC	Treta Yuga	1,00,800	50,400	30,24,000	37396800
3054 BCE	November	24	06	00	00	Mon.	82.5°E	(4)	24th Nov., 3054 BCE	24th Nov., 3054 BCE	Dwapara Yuga	1,29,600	64,800	3,888,000	48081600
CE 428897	July	23	06	00	00	Tue.	82.5°E	(5)	23rd July CE 428897	23rd July CE 428897	Kali Yuga	1,44,000	72,000	43,20,000	53424000
CE 1987	March	30	06	00	00	Mon.	82.5°E	(6)	30th Mar., CE 1987	30th Mar., CE 1987	-	1,29,768	64,884	38,93,040	48143928
CE 2017	March	28	06	00	00	Tue.	82.5°E	(7)	28th Mar., CE 2017	-	-	1,29,769	64884.5	38,93,070	48144299
CE 2024	March	10	21	58	42.37	Sun.	82.5°E	(8)	11th Mar., CE 2024	-	-	-	-	38,93,077	48144385

<http://astropixels.com/ephemeris/calendarconverter.html>

By using this converter we can verify day of Week and days completed between any two dates (From 4700 BCE to the end of Kali Yuga).

Satya Yuga begins at (1).
Treta Yuga begins at (2).
Dwapara Yuga begins at (3).
Kali Yuga begins at (4).

Satya Yuga ends at (2).
Treta Yuga ends at (3).
Dwapara Yuga ends at (4).
Kali Yuga ends at (5).

Research: It is observed plainly that the 30 - Year Luni Solar Cycle is repeated in the 60 - Year Luni Solar Cycle. Please study from (1) to (7). At (7), the 30 - Year Cycle is completed 1,29,769th time. For proof, study under Hindu Astronomy at 0b0. Omega -1 and 0b0. Omega - 2 on our website and Were Lord Jesus Christ, Lord Rama, and Lord Krishna born scientifically or not? So, Ugadi occurs always according to the formula of the Hindu 60 - Year Luni Solar Cycle only but not by the will of Panchang writers.

Let's calculate each Yuga from the beginning of Satya Yuga.

Table - 4										28,800 Cycles are there between (1) and (2).		
Year	Month	Day	H	M	Sec.	DOW	DL	Say				
3890521 BCE	February	19	06	00	00	Sat.	82.5°E	(1)				
2162758 BCE	August	02	06	00	00	Wed.	82.5°E	(2)				
17,28,000 Hindu Years or 631,065,600 days are there between (1) and (2).												

From Satya Yuga to Treta Yuga. Note: HSM (29.5309973 days), and HTY (365.2 days) are used.

Treta Yuga begins at (2).

Table - 5										21,600 Cycles are there between (2) and (3).		
Year	Month	Day	H	M	Sec.	DOW	DL	Say				
2162758 BCE	August	02	06	00	00	Wed.	82.5°E	(2)				
866935 BCE	March	04	06	00	00	Sat.	82.5°E	(3)				
12,96,000 Hindu Years or 473,299,200 days are there between (2) and (3).												

From Treta Yuga to Dwapara Yuga. Note: HSM (29.5309973 days), and HTY (365.2 days) are used.

Dwapara Yuga begins at (3).

Table - 6										14,400 Cycles are there between (3) and (4).		
Year	Month	Day	H	M	Sec.	DOW	DL	Say				
866935 BCE	March	04	06	00	00	Sat.	82.5°E	(3)				
3054 BCE	November	24	06	00	00	Mon.	82.5°E	(4)				
8,64,000 Hindu Years or 315,532,800 days are there between (3) and (4).												

From Dwapara Yuga to Kali Yuga. Note: HSM (29.5309973 days), and HTY (365.2 days) are used.

I used <http://astropixels.com/ephemeris/calendarconverter.html> to verify days/day of Week.

Table - 7										7,200 Cycles are there between (4) and (5).		
Year	Month	Day	H	M	Sec.	DOW	DL	Say				
3054 BCE	November	24	06	00	00	Mon.	82.5°E	(4)				
CE 428897	July	23	06	00	00	Tue.	82.5°E	(5)				
4,32,000 Hindu Years or 157,766,400 days are there between (4) and (5).												

In this KALI YUGA, the Hindu Calendar was not proven because of inaccurate Hindu Synodic Month (29.5309973 days), Hindu Tropical Year (365.2 days) and inaccurate Hindu 60 - Year Luni Solar Cycle.

According to the Hindu Calendar, Prabhava began in CE 1987.

Table - 8										64,884 Cycles are completed between (1) and (6).		
Year	Month	Day	H	M	Sec.	DW	DL	Say				
3890521 BCE	Feb.	19	06	00	00	Sat.	82.5°E	(1)				
CE 1987	Mar.	30	06	00	00	Mon.	82.5°E	(6)				
Ugadi = 30th Mar., CE 1987. Note: 64,884 Cycles = 38,93,040 Hindu Years.												

Kali Yuga begins at (4).

Table - 9										84 Cycles are completed between (4) and (6).		
Year	Month	Day	H	M	Sec.	DW	DL	Say				
3054 BCE	Nov.	24	06	00	00	Mon.	82.5°E	(4)				
CE 1987	Mar.	28	06	00	00	Mon.	82.5°E	(6)				
Ugadi = 30th Mar., CE 1987. Note: 84 Cycles = 5040 Hindu Years.												

Note: Panchang writers are not calculating according to the Hindu Calendar.

Because of the 60 - Year Cycle began already and ended, we can calculate Ugadi in CE 2024 from Satya Yuga, Treta Yuga, Dwapara Yuga, Kali Yuga, and from (6). It is easy to calculate Ugadi in CE 2024 firstly from (6). So, let's calculate from (6).

LET'S CALCULATE UGADI IN 2024 FROM (6) AND 60 - YEAR LUNI SOLAR CYCLE

According to the Hindu Calendar formula, 37 Hindu Luni Solar Years are completed from CE 1987 to CE 2024. So, 37 Luni Solar Years = 457 Synodic Months.

See the formula of the Hindu Calendar under Hindu Astronomy on our website.

457 Hindu Synodic Months = 457 X 29.5309973 days = 13,495.66577 days.

13,495.66577 days = 13,495 days, 15 hours, 58 minutes, and 42.3719616 seconds.

13495 days = Integral Part and Residue (Fractional Part) = 15h, 58m, and 42.37s.

The Hindu Calendar was not proven scientifically and Historically because the 30 - Year Luni Solar Cycle is repeated in the 60 - Year Luni Solar Cycle. Study under "CHALLENGE" on the 997th page on our website.

ACCORDING TO THE HINDU CALENDAR (60 - YEAR LUNI SOLAR CYCLE), WHEN ARE UGADI AND SRI RAM NAVAMI IN CE 2024?

Research: According to the formula of the Hindu Calendar (60 - Year Cycle), 37 Luni Solar Years = 457 Synodic Months. See the 12th page under Hindu Astronomy at "0b0. Omega - 1 and 2" on our website.

I used <http://astropixels.com/ephemeris/calendarconverter.html> to verify 13,495 days.

Table - 10		13,495 days are there between (6) and (9).							
Year	Month	Day	H	M	Sec.	DOW	DL	Say	
CE 1987	March	30	06	00	00	Mon.	82.5°E	(6)	
CE 2024	March	10	06	00	00	Sun.	82.5°E	(9)	
Let's add the Residue to (9) to get the end of 457th Hindu Synodic Month.									
CE 2024	March	10	06	00	00	Sun.	82.5°E	(9)	
Ugadi begins at (8).			15	58	42.37	Phadyami ends at (10).			
CE 2024	March	10	21	58	42.37	Sun.	82.5°E	(8)	

Research: So, 37 Hindu Luni Solar Years or 457 Hindu Synodic Months are completed between (6), and (8). Now let's calculate the end of Phadyami of Chaitra Month.

30 Tithis = 1 Hindu Synodic Month. So, 30 Tithis = 29.5309973 days (HSM).

1 Tithi = Hindu Synodic Month ÷ 30 days = 29.5309973 days ÷ 30 days = 0.984366576 days.

1 Tithi = 0.984366576 days = 23 hours, 37 minutes, and 29.2722372 seconds strictly = **Constant**.

1 Tithi = 23 hours, 37 minutes, and 29.2722372 seconds = Constant because Lord Brahma determined this.

Now, let's add one Tithi to (8) to get end of Phadyami of Chaitra Month.

Table - 11		Note: Drik Panchag/Purva Panchang are the inaccurate concept forever!							
Year	Month	Day	H	M	Sec.	DOW	DL	Say	
CE 2024	March	10	21	58	42.37	Sun.	82.5°E	(8)	
Ugadi = 11th March CE 2024.			23	37	29.27	(1 Tithi is added)			
Phadyami of Chaitra Month ends at (10).			10	44	95	71.64			
			44	96	11.64				
			45	36	11.64				
CE 2024	March	11	21	36	11.64	Mon.	82.5°E	(10)	

Research: According to the Hindu Calendar, 11th March CE 2024 is Ugadi. Days per each Hindu Luni Solar Year are confined by the formula of the Hindu Calendar

LET'S CALCULATE UGADI IN CE 2024 FROM (7) AND 30 - YEAR LUNI SOLAR CYCLE

Research: 7 Luni Solar Years = 86 Synodic Months according to the 30 - Year Luni Solar Cycle. Study on the 12th page under Hindu Astronomy at "0b0. Omega - 1 and 0b0. Omega - 2" on www.yhwhcalendar49.com.

7 Hindu Luni Solar Years = 86 Hindu Synodic Months.

86 Hindu Synodic Months = 86 X 29.5309973 days = 2,539.665768 days.

2,539.665768 days = 2539 days, 15 hours, 58 minutes, and 42.37196678 seconds.

2,539 days = Integral Part and Residue (Fractional Part) = 15h, 58m, and 42.37s.

Table - 12		2,539 days are there between (7) and (9).							
Year	Month	Day	H	M	Sec.	DOW	DL	Say	
CE 2017	March	28	06	00	00	Tue.	82.5°E	(7)	
CE 2024	March	10	06	00	00	Sun.	82.5°E	(9)	
Let's add the Residue to (9) to get the end of 86th Hindu Synodic Month.									
Phadyami of Chaitra begins at (8).			15	58	42.37	Ugadi = 11th Mar., 2024			
CE 2024	March	10	21	58	42.37	Sun.	82.5°E	(8)	

9 Tithis = 9 X 0.984366576 days = 8.859299191 days = 8d, 20h, 37m, and 23.45s.

Research: 7 Luni Solar Years or 86 Hindu Synodic Months are completed between (7), and (8). So, Ugadi = 11th March, CE 2024 according to the 30 - Year Luni Solar Cycle.

LET'S CALCULATE UGADI IN 2024 FROM (1) AND 60 - YEAR LUNI SOLAR CYCLE

Note: Without a formula, no one can calculate Ugadi.

Note: Hindus don't know the basics of the Hindu Calendar to this very day.

Table - 13		1421751703 days are completed between (1) and (9).							
Year	Month	Day	H	M	Sec.	DW	DL	Say	
3890521 BCE	Feb.	19	06	00	00	Sat.	82.5°E	(1)	
CE 2024	Mar.	10	06	00	00	Sun.	82.5°E	(9)	
Let's add the Residue to (9) to get the end of 48144385th Hindu Synodic Month.									
CE 2024	Mar.	10	06	00	00	Sun.	82.5°E	(9)	
			15	58	41.66				
CE 2024	Mar.	10	21	58	41.66	Sun.	82.5°E	(8)	
So, 48,144,385th HSM ends while 48,144,386th HSM or Ugadi begins at (8). Let's add one Tithi to get the end of Phadyami of Chaitra Month.									
CE 2024	Mar.	10	21	58	41.66	Sun.	82.5°E	(8)	
In each year, Hindus are beguiled by Panchang writers.			23	37	29.27	Phadyami ends at (10).			
			10	44	95	71.64			
CE 2024	Mar.	11	21	36	11.64	Mon.	82.5°E	(10)	
Let's add 9 Tithis to (8) to get end of Navami of Chaitra Month.									
CE 2024	Mar.	10	21	58	41.66	Sun.	82.5°E	(8)	
Navami of Chaitra ends at (11).			08	20	37	23.45	Phadyami ends at (10).		
			18	41	95	65.11			
CE 2024	Mar.	19	18	36	5.11	Tue.	82.5°E	(11)	

So, Ugadi = 11th March CE 2024 and Sri Ram Navami = 19th March CE 2024.

Research: The above 3 methods proved that 11th March CE 2024 is Ugadi and 19th March CE 2024 is Sri Ram Navami. Panchang writers added Adika Sravana Month in CE 2023 (18th July to 16th August CE 2023) but the 14th Extra Month will occur in CE 2025 according to the formula of the Hindu Calendar. Because of the confusion in the Hindu Calendar, Panchang Writers calculated that the 9th of April CE 2024 is Ugadi and the 17th of April is the Sri Ram Navami. Please study under Hindu Astronomy at 0b0. Omega - 1 and 2 on the 12th page on our Website. If the Government is willing, this is the right time to introduce the Hindu Calendar, Jewish Calendar, Muslim Calendar, and so on in the 10th class Mathematics to celebrate the festivals at the right time.

Research: Yahweh's Luni Solar Calendar and Yahweh's Tropical Calendar are scientifically and historically proven. For example, Ugadi didn't occur at the right season when Julius Caesar proposed the Julian Calendar in 46 BCE. Hindu Synodic Month (HSM = 29.5309973 days) and NASA's Synodic Month (NSM = 29.53058885 days) didn't give accurate Phases of the Moon and Seasons historically. For proof, see the 997th page under "CHALLENGE" and see the 850th page under "Were Lord Jesus Christ, Lord Rama, and Lord Krishna born scientifically or not?".