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**Yuga Theory of Sri Yukteswar in 'The Holy Science'**

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## Yuga Theory of Sri Yukteswar in The Holy Science

### Discussion About Yugas

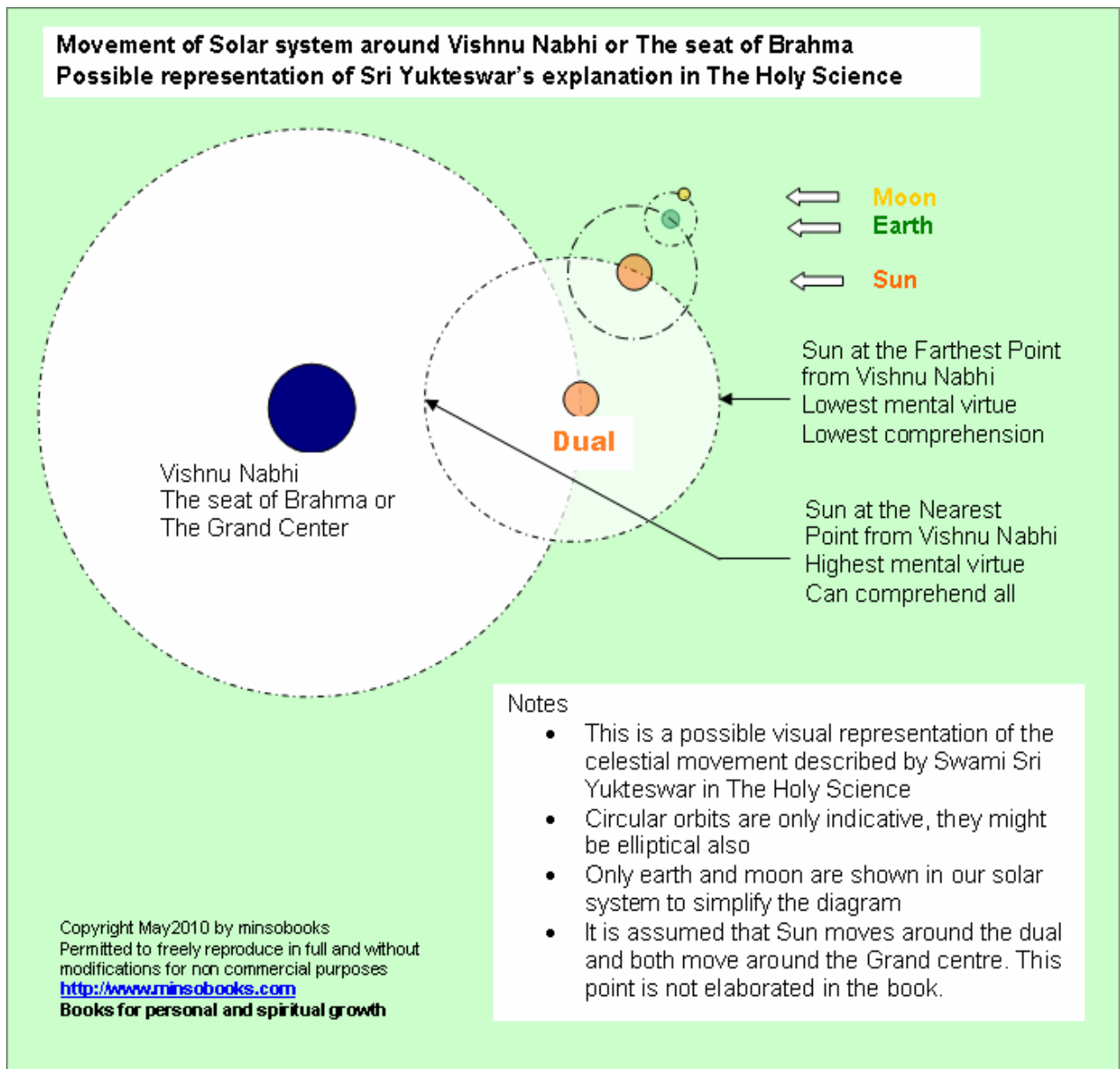
In his book The Holy Science, Swami Sri Yuktewar discusses about Yugas, the mathematical calculation of Yugas, how the present time is wrongly calculated as Kali Yuga and concludes that the present Yuga is Dwapara Yuga. Here is the summary of this discussion.

### From Oriental Astronomy

According to Oriental astronomy:

- The moons revolve around their planets
- Planets while revolving around their axes, revolve around sun along with their moons
- Sun takes some star as its dual and revolves around that dual along with its planets and their moons.
- One revolution of Sun around its dual takes 24000 years of our earth.
- The sun also revolves around a grand center called Vishnu Nabhi, the seat of Brahma, the universal magnetism.
- During its movement, when Sun comes nearer to Vishnu Nabhi, the intellect of the universe is fully developed and man can easily comprehend all things, including the mysteries of Spirit.
- When Sun is farthest, the universal understanding is at the lowest and man can hardly comprehend the creation.
- Depending upon this level of understanding, based on the movement of Sun with respect to the Grand Center, the Vishnu Nabhi, over a half cycle of 12000 years, the yugas are formed.
- The Yugas indicate the general average understanding prevalent any any time based on the movement of Sun. However when individuals put effort they can develop their intellect and rise above this planetary influence.

The following is a possible visual representation of the movement of solar system around Vishnu Nabhi, as explained by Swami Sri Yukteswar in The Holy Science.



So in the full cycle of 24000 years sun revolves around its dual, when the sun is nearest to the Grand Center or Seat of Brahma, The dharma or mental virtue is highest and man can comprehend all. When the sun is farthest from the Seat of Brahma, the mental virtue is least and man can not grasp any thing beyond the gross material creation.

So it takes 12000 years (half cycle) for Dharma to go up from least to highest and another 12000 to go down from highest to lowest. Based on this cycle of development of Dharma, the Yugas are formed.

## Division of Yugas

Development of Dharma is gradual over 12000 years as described above and there is an ascending arc and descending arc. This half cycle, a period of 12000 years is divided into four yugas as follows:

### Kali Yuga

Sun passes through 1/20th of the period out of the total 24000 years = 1200 years. (Note that there are two Kali Yugas in a cycle one ascending and one descending each equalling to 1200 years).

Dharma, the mental virtue is in the first stage and only a quarter developed.

Human intellect can understand only gross material creation.

### Dwapara Yuga

Sun passes through 2/20th of the period out of the total 24000 years = 2400 years. (Note that there are two Dwapara Yugas in a cycle one ascending and one descending each equalling to 2400 years).

Dharma, is in the second stage and half developed

Human intellect can grasp the fine matters or electricities and their attributes - which are the creating principles of the external world.

### Treta Yuga

Sun passes through the 3/20 th of the period of total 24000 years = 3600 years. (Note that there are two Treta Yugas in a cycle one ascending and one descending each equalling to 3600 years).

Dharma is in the third stage of development

Human intellect can understand divine magnetism, the source of all electrical forces on which the creation depends for its existence.

### Satya Yuga (also called Krita Yuga)

Sun passes through the 4/20th of the period of total 24000 years = 4800 years. (Note that there are two Satya Yugas in a cycle one ascending and one descending each equalling to 4800 years).

Dharma, the mental virtue is fourth stage and completes development during this period.

The human intellect can comprehend all including God.

## Basis for the Yugas

Swami Sri Yukteswar Giri in The Holy Science quotes from Manu Samhita written by Saint Manu of Satya Yuga explaining the Yuga cycle as follows:

Four thousands of years is the Krita yuga (Satya Yuga).

Its morning twilight has hundreds just as many and evening twilight has same length.

The other three ages and their twilights, the thousands and hundreds gradually decrease by one.

This fourfold cycle is called the Age of Gods.

Thousand such ages make one day of Brahma

and of the same length is Brahma's night.

The above can be summed up as follows:

Yuga	Equivalent Earth Years			
	Pre-transition	Yuga Proper	Post-transition	Total
Satya or Krita Yuga	400	4000	400	4800
Treta Yuga	300	3000	300	3600
Dwapara Yuga	200	2000	200	2400
Kali Yuga	100	1000	100	1200
<b>Total (one half cycle of sun's revolution and is called Daiva Yuga - Age of Gods)</b>				<b>12000</b>

## What is the Present Yuga?

Dwapara yuga started in 1699 AD. The present year 2010 is 310 years into Ascending Dwapara Yuga. The following table shows the time line.

Period	Description	Remarks
11501 BC	Autumnal Equinox was on the first point of Aries, Sun started moving away from the nearest point to the grand center. Descending Satya Yuga started.	During the 4800 years, man lost the power of understanding spiritual knowledge.
6701 BC	Descending Treta Yuga started.	During the next 3600 years, Intellect lost further the understanding of divine magnetism.
3101 BC	Descending Dwapara Yuga started	During the next 2400 years, Intellect lost the power of understanding electricities and its attributes.
701 BC	Descending Kali Yuga started	During the next 1200 years, Intellect lost most of its

		power of understanding anything beyond creation
499 AD	Sun reached farthest point from the grand center in its cycle. This is the darkest period of the total cycle of 24000 years.	
499 AD	Sun started moving in reverse and the ascending Kali Yuga started	<p>During the next 1100 years of Kaliyuga, the human intellect remained ignorant and no comprehension of the fine matters of creation. In 1599 AD the transition time from Kali yuga started and men began to observe the fine matters (pancha tanmatraas) or the attributes of electricity. Political peace also started getting established.</p> <p>1600 AD William Gilbert discovered magnetic forces.</p> <p>1609 AD Kepler discovered laws of astronomy, Galileo invented telescope.</p> <p>1621 AD Drebbal of Holland invented microscope.</p> <p>1670 AD Newton discovered law of gravitation</p>
1699 AD	Ascending Dwapara yuga (sandhi period) started	<p>1700 AD Thomas Savery made use of a steam engine in raising water.</p> <p>1720 AD Stephen Gray discovered action of electricity on human body.</p> <p>1873 AD James Maxwell - theory of electro magnetism</p> <p>1895 AD Rontgen - discovers X rays</p> <p>1896 AD Henri BecQuerel discovers radio activity</p> <p>1897 AD JJ Thomson discovers electron in cathode rays</p>
1899	200 years transition time of Ascending Dwapara ended and Dwapara proper started.	<p>1900 AD Max Plank - Law of black body radiation</p> <p>1915 AD Albert Einstein Theory of general relativity</p> <p>1925 AD Schrodinger equation (Quantum mechanics)</p> <p>1927 AD Heisenburg principle (Quantum mechanics)</p> <p>1947 AD First transistor invented by Shockley, Bardeen and Brattain</p> <p>1971 AD Microprocessor invented by Faggin, Hoff and Mazor.</p> <p>1979 AD Cell phone</p>

		1989 AD High Definition color TV
		1990 AD World Wide Web

## Why some believe this is Kali Yuga?

Due to some past mistakes in the almanacs, the present yuga is recorded as Kali Yuga. Sri Yukteswar explains how this mistake occurred earlier.

After Mahabharata war, Pandavas (Dharmaraja and his four brothers) along with other wise men retired to Himalayas. Dharmaraja's grand son Raja Parikshit took the throne. No one in his court has the understanding of the Yugas.

First mistake: When the dwapara ended after 2400 years in 701 BC, no one dared to change to Kali Yuga due to lack of understanding. Dwapara Yuga continued even though it actually ended.

Second mistake: In between some one changed the Yuga to Kali Yuga and started counting the years from the previous Dwapara. So AD 499 became Kali Yuga 3600 (this included Dwapara 2400 + Kaliyuga 1200)

Third mistake: After AD 499, with the start of Ascending Kali Yuga, intellectual understanding started to develop. So some wise men of the time understood that there was some mistake in this calculation. However their understanding did not develop to the extent of correcting the mistake. So instead of correcting the mistake, they assumed that the ancestors must be right in continuing Kali Yuga and tried to fit the numbers into this argument. They fancied that though Kali Yuga is supposed to have only 1200 years, these years are not ordinary years, they are daiva (divine, or age of Gods) years consisting of 12 daiva months of 30 daiva days each, with each day equal to one earth year.

So 1200 years of Kali Yuga counted as Daiva years =  $1200 \times 12 \times 30$  earth years = 432000 years

According to this wrong calculation, we have completed 5110 years (in 2010) of Kali Yuga and still  $432000 - 5110 = 426890$  years of Kali Yuga left! In Swami Yukteswar's words, a dark prospect, fortunately not true!

## How Sri Yukteswar concluded that this is Dwapara Yuga?

Apart from taking references from Manu-Samhita about Yugas and analyzing how the mistakes happened in calculating Yuga time wrongly, Sri Yukteswar also observed the planet position and did astronomical calculations.

Since Yugas are defined based on Sun's movement, he calculated the years passed from the start of previous Kaliyuga based on the planetary position. From this he concluded that we are into 194 years of Dwapara when he had written the book The Holy Science (that was in 1894).

## Final Word

Concluding with Sri Yukteswar's words from The Holy Science:

So far as the magnetic properties are concerned, the grasping power of the human intellect is at present so limited that it would be quite useless to attempt to make the matter understood by the general public. The intellect of the man in Treta Yuga (Year 4099 AD) will comprehend the attributes of divine magnetism. There are indeed exceptional personages now living who, having overcome the influence of Time, can grasp today what ordinary people cannot grasp; but this book is not for those exalted ones, who require nothing of it.

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