



Calendar

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Earth's celestial orbit should be divided into totally 29 Nakshatras. The division should be based on position of the Sun. Beginning of a Year should be from Spring of Equinoxes. Currently, first nakshatra Should be Uttara Bhadrapada (Ashwa), starting from 00 hrs on 21st march of year. This nakshatra is represented by a Horse. After passing of five days, from 00 hour of 26th march onwards Cetus Nakshatra should start. Cetus Nakshatra lasts for 1 day & 6 hours. The remaining part of the Uttara Bhadrapada nakshatra should stay for another 8 days. These two Nakshatras should jointly last for 14.25 days, till 6 am of 4th April. Since, there is a leap year in every 4 years. The ending time of Uttara Bhadrapada nakshatra should be adjusted till end of 24th hour (Mid night) of 03rd April. 18 Nakshatras, from Revati to Anuradha, each spanning to 13 days, should last till 23rd November. From 24th November to 06th December should be, Nakshatra of Abhijit. Remaining 08 Nakshatras from Jyestha to Poorva Bhadrapada, each spanning to 13 days, should last till end of 20th March. This division of Nakshatras should be based on Tropical year. The remaining fractional difference of about 11 minutes, between period of a Tropical year (265.2422 days) & the value of a year presented here (265.25 days), should be adjusted, by considering every 128th year (a Leap year), as a non-leap Year. The Beginning Nakshatra of a Year should be set to Preceding Nakshatra from the Current one, after a every period of about 917.75 years, as per position of Precession of Equinoxes. This division of a Year, does match with Solar months. 07 Nakshatras fits, in period of every Three Solar months. Hence, 04 Seasons can be determined by 7 X 4 Nakshatras. Position of objects of Solar system, with respect to Nakshatras or Zodiacs should be determined on the basis of their actual visibility from the Earth. A Lunar Calendar should be integrated with this Solar based Calendar. The Lunar Calendar should be based on Lunar synodic Months, wherein every new Lunar month should begin with New Moon Day & should end with No Moon Day. Beginning of Lunar Calendar year should be aligned with Spring of equinoxes. Nearest New moon day with respect to Spring of equinoxes, should be a considered as Beginning day of a New Lunar Calendar year. In Case of a tie, new moon day, following respective Spring of equinoxes, should be considered as Beginning day of a New Lunar Calendar year. Thereby, there could be 11 or 12 or 13 Lunar months in a Tropical year.

Beginning of Aries Zodiac, should be aligned with beginning of Ashwini Nakshatra, on 17th April. Division of Zodiacs should be based on number of days. Each Zodiac should be made of 30 Solar days on the Earth. Aries to Scorpio should last till 12th December. Ophiuchus Zodiac should extend from 13th December to 16th December. Sagittarius to Aquarius Zodiacs should extend from 17th December to 16th March. Pisces Zodiac should extend between 17th March to 16th April. Cetus Zodiac should be in between Pisces Zodiac itself, from 26th march to 27th March. Thereby, there should be total 14 Zodiacs.