

## PENERAPAN MODEL *CONTEXTUAL TEACHING AND LEARNING (CTL)* DALAM PEMBELAJARAN ILMU FALAK

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**Abstract:** The Total Solar Eclipse (GMT) on March 9, 2016 coincides with the commemoration of Nyepi-Day of Silence, New Year of Caka 1938 in Bali. For Muslims who live in the area through the eclipse's tracking are recommended to pray eclipse praying as it has been taught by the Prophet Muhammad SAW. However, Muslims who are in Bali included in the category of a minority, as most Balinese are Hindus. Hindus themselves will carry out various ceremonies to celebrate the New Year of Caka 1938. The research object of this article is to find out how Muslims in Bali take eclipse praying, while the major population there, Hindus, commemorate Barata Nyei on the same day. Furthermore, the implementation needs to use an effective way of learning about the GMT to face these issues. This study uses normative juridical sociological approach, in which the source used is taken based on the arguments contained in the Qur'an and the Hadith, the results of direct observation in the field, as well as cultural values prevailing in Bali. Those all are then combined in contextual learning model CTL. The study concludes that the tolerance between religious communities in Bali provides a positive learning about the importance of mutual respect of each community worshiping without interfering each other. The effective and practical learning that can be applied to the society is to select the main points of discussion of relevant and contextual, through a direct observation, and assistive devices that support it.

**Keywords:** CTL, Eclipse, Nyepi, Muslims, Hindus.

### Pendahuluan

Gerhana merupakan salah satu fenomena alam yang disebabkan dari pergerakan benda-benda langit seperti Matahari, Bumi, dan Bulan. Gerhana dalam bahasa Arab dikenal dengan istilah *khusuf* atau *kusuf*.<sup>1</sup> Istilah *khusuf* biasa digunakan untuk menyebut gerhana Bulan dan istilah *kusuf* untuk menyebut gerhana Matahari. *Khusuf* mempunyai arti memasuki, menggambarkan adanya fenomena alam yang apabila dilihat dari Bumi, bahwa Bulan memasuki bayangan Bumi sehingga terjadi gerhana Bulan. Sedangkan *kusuf* yang mempunyai arti menutupi, menggambarkan adanya fenomena alam di mana Bulan menutupi Matahari sehingga terjadilah

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<sup>1</sup> Loewis Ma'luf, *al-Munjid fi al-Lughah wa al-'Alam*, Beirut: Dar al-Masyriq, 1975, h. 178 dan 685.