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Smart Electronic Samayi

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Abstract: *An electronic lamp, also known as an LED lamp, is a type of lighting device that utilizes light-emitting diodes (LEDs) to produce illumination. Unlike traditional incandescent lamps, electronic lamps do not rely on a heated filament to generate light, but rather on the movement of electrons through a semiconductor material. This makes them much more energy-efficient and longer-lasting than traditional lamps, with the added benefits of lower heat output and reduced environmental impact. Electronic lamps are commonly used in a variety of applications, including residential and commercial lighting, automotive lighting, and electronic displays.In multiple inauguration ceremonies, there is always one ritual where the guest lights up (samayi) the lamp. For such purpose, an electronic design for aSamayi which can solve the problem of smoke and fire, is designed. Aim behind making this project is to make use of electronics in our day to day life and to reduce incidents that might take place using the traditional ones, incidents such as fire break outs, release of hazardous gas or smoke and also make human efforts less at some point. Experimentation of the same is presented in this paper.*

Keywords: Samayi, IoT, Andriod App (RemoteXY), Arduino

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