

Line Man Safety using NodeMCU ESP8266

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Abstract: *It is designed to control lap wave by using android request for the security of electrical electrician. Reproving electrical misfortune to electrician are happening throughout electric line repair due to lack of communication and teamwork in the middle of the continuity employees and electric substation employees. The suggested structure gives a mixture that to ensures security of continuity employees, i.e., line man. The control to turn on/off the lap wave will be continued by the electrician only because this system has an order such that a robot request is needed to work the lap wave on/off. This structure is completely controlled by arduino called ATMEGA 328P. The activation or deactivation of the lap wave is indicated by a lamp that turns on or off. Furthermore, in future it can be increased by using shadow technology in which it helps to store the complete information about the electric repair, i.e., title of line man, title of lane on which he is working, date and hour etc. Hence, it is used to reduce the electric misfortunes for line men.*

Keywords: NODMCU 8266, Adaptor, Mobile request, Convey board.

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