

IoT Based Smart Kitchen

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***Abstract:** India is a developing nation, there is constant demand for good household with top amenities. Kitchen is heart of the house. Kitchen is also one of the places where there is a good chances of accident due to the availability of high voltage appliances like refrigerator, oven, toaster, inductions and fuel like LPG gas cylinder and different high flammables like cooking oils. To prevent this type of accident it is important to secure the kitchen by monitoring the kitchen environment and taking quick action upon detection of any such accident. People tends to prefer a modern and a convenience way of doing things, automation and IoT has bought the convenience in hand. By automatically turning the lighting upon detection of presence of human and controlling different appliances remotely it is possible to make the kitchen more effective, efficient and smart. By monitoring the kitchen environment, automation of different aspects and IoT application we can make the kitchen more secure and smart.*

Keywords: Kitchen ,High voltage appliances, Monitoring, IoT application, Automation

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