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**Abstract**

With more and more IoT devices being created, more and more IoT devices with various sensors are available. Basically, IoT is a collection of nodes that are connected to other nodes. With more and more nodes connected to each other, it would be better if a node has a mechanism that can reduce the node's power consumption, so as not to always send data even though no activity is needed and can maintain battery life from this node. Where for this time the author will develop a Sleep Mode mechanism that will be applied to a node. Where this mechanism will be able to help in terms of reducing the power consumption of the node device, where this will make the node active periodically and inactive continuously, so as to maximize the sensing ability of the sensors on the node.

**Keywords:** power consumption, node, Sleep Mode, sensing.

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