

# Design of Modern Ammikal

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**Abstract--***The ammikal is traditional tool used to mix the various food spices together, now a days there were no ammikal due to electrical mixtures. There were no enough proteins and vitamins in the food which we are cooking in home. Due to the electrical mixture in mixture the vitamins and proteins present in vegetables are dissolved and it becomes useless by losing the nutrients in the vegetables. This a small issue but from this issue only the imbalance is done in human body.*

**Keywords--***Grinding, servo motor, weight adjustment.*

## I INTRODUCTION

Ammikal is low in cost as compare to electrical mixture and etc., but in ammikal there is a work which is done manually. To overcome that work the people prefer the electrical mixtures. In this paper we are going to design the modern Ammikal that is it works without any man power buy the electricity. Due this the vitamins & proteins present in vegetables able to be preserved, which may help in overcome the imbalance in human body. While compare ancient & present human health is decreased a lot. In ancient days they are used to cook with the spices which are made ammikal. This is also one of the reasons why ancient people are stronger. If the person is suffering with imbalance growth in body the doctor suggest is to eat fresh and clean vegetables and fruits. By taking the vegetables directly the 90% of essences present in the vegetables are intake by the person. To avoid this type of imbalance in body use the modern ammikal for the preparation of cooking spices. One of the region is the taste also everybody hear about the hyderbadbriyani the briyani is made up with the spices which are done by ammikal. It is also a major example to show the present trend how it works.

## II METHODOLOGY

In The design of modern ammikal is very simple we to take the ammikalthe ammikal rod is connected with two servo motors the motors are to be a high workable, due to its weight connect the ammikal rod with two servo motors the servo motors are operated with the Arduino chip by giving the calculated rotation angles based on the measurements of ammikal. This having a simple and easily understandable methodology.

The basic design of ammikal is shown in the following figure in the figure there is aammikal rod which is connected to the servo motor. Fig 1 shows the connection between the servo motor &ammikal.

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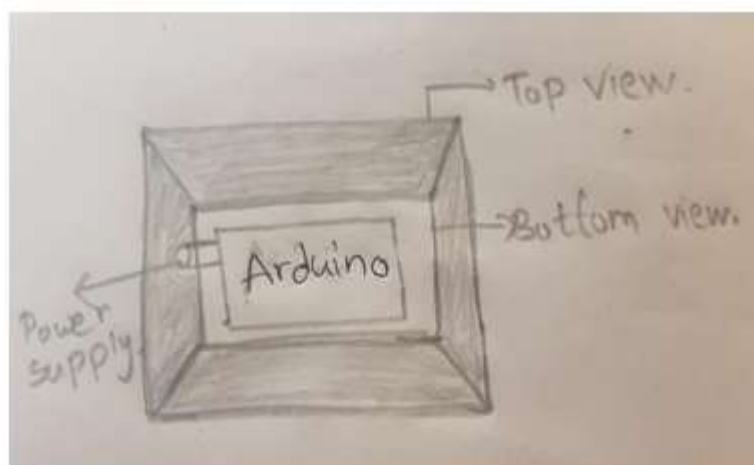
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**Figure 1** connection between the servo motor & ammikal

The arduino is the chip placed under the ammikal for our convenience the Arduino the figure is shown below. Fig 2 shows the placement of Arduino.



**Figure 2.** placement of Arduino

This is the design which is done for the normal ammikal, to change it to a semi automated ammikal. We have to design a program for the arduino on the basis of the time rotation and its speed. That is comes under the software requirement. That is arduino servo motor program code needed.

### **III FUTURE SCOPE**

The people need the awareness about the ammikal because they does not know what they are eating. To get awareness in them they surely use this ammikal for their food preparation. By this there will some decrease in the imbalance in the body. This is the future scope and the uses of the modern ammikal.

## IV CONCLUSION

In case of the people started using ammikal there will huge response from the people. By using this people will grow without any imbalance in the body, with strong enough body.

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