

AUTOMATED OIL CRADDLE

In Kerala Ayurvedic Treatment, there is a need to pour oil drop by drop in the patient's body for long time approximately 6 hours per day. As of now, this is done by humans in a routine basis. This really involves more human power in such hectic process and more cost involved.

There is a requirement from Kerala Doctor, to make an automated machine which can pour oil in the patient's body drop by drop without any human involvement. From here, we started to work on this problem and brought an idea of using dc motor's bidirectional movement to make to and fro motion of oil pot.

Swing Distance of 25mm to 525mm with the precision of 1cm is requirement given by doctor and to make it more feasible, it is planned to create android app which will provide more convenience and user friendliness for the user to set the Swing Distance, Swing Time and Swing Speed. According to the swing time set by the user, buzzer alarm will give alert. With the advancement of IoT, it is achieved easily.