

DESIGN AND DEVELOPMENT OF AUTOMATED SHIRODHARA SYSTEM

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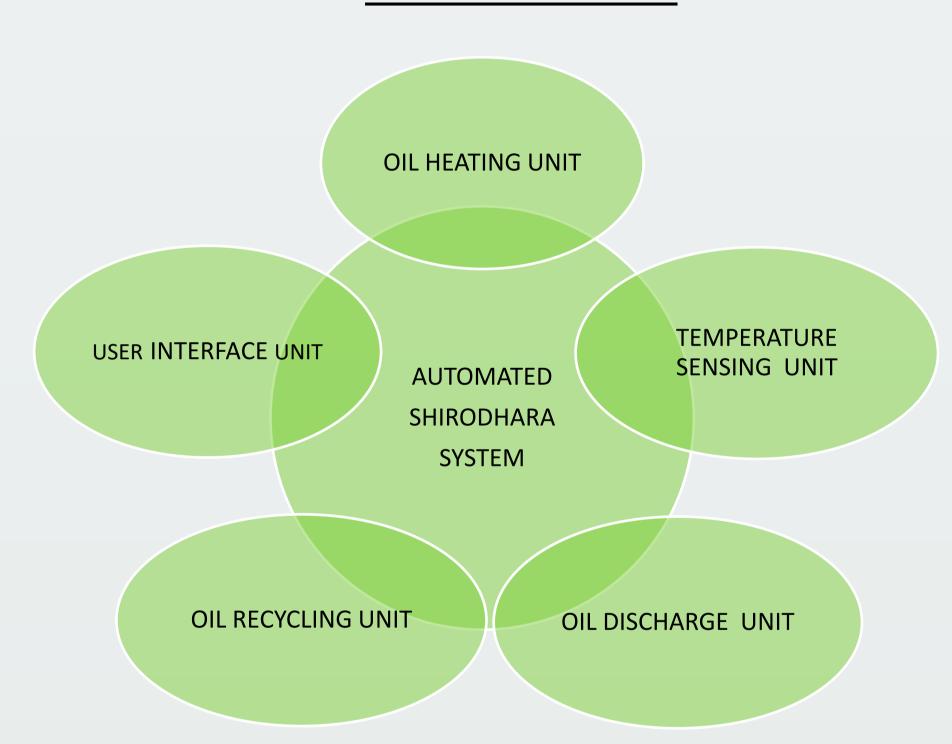
OBJECTIVE

- Design and Development of automated portable shirodhara system
- Continuous oil temperature and flow maintenance
- Innovative
- User Friendly
- Abort treatment anytime during Emergency

INTRODUCTION

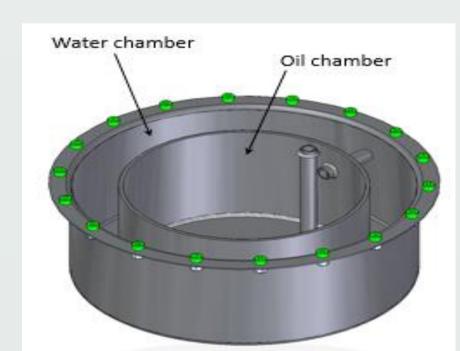
- What is Shirodhara? Shirodhara is an ancient Ayurvedic therapy part of Panchakarma (Panchakarma is a method of cleansing the body of all the unwanted waste after lubricating it and it comprises of 5 procedures). Warm oil (or other liquid) pours in a continuous stream over the forehead
- ❖ Why is it useful? In India, over 4% of people are suffering from hypertension, it is found to be 45% amongst males and females between age of 26-45 years. Shirodhara is a great treatment for a compromised nervous system. It helps to relieve symptoms of anxiety, stress, fatigue, psoriasis and hypertension.
- ***** How is it Implemented?

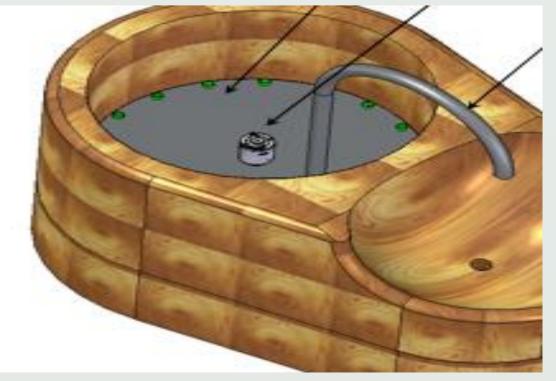
METHODOLOGY

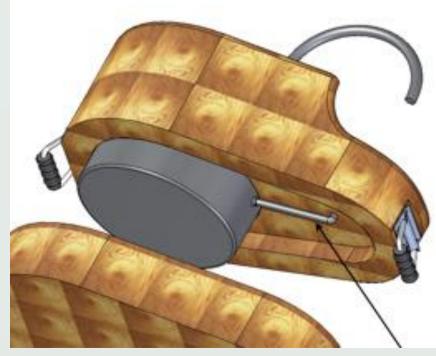


CONCEPT

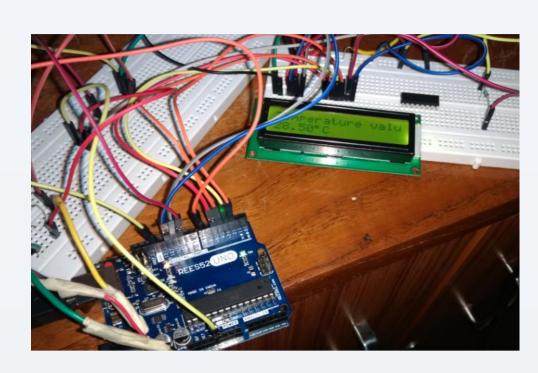
- > Indirect heating technique
- Continuous oil discharge
- Oil recycling system

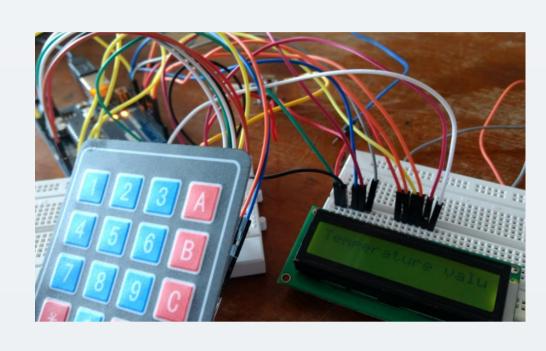


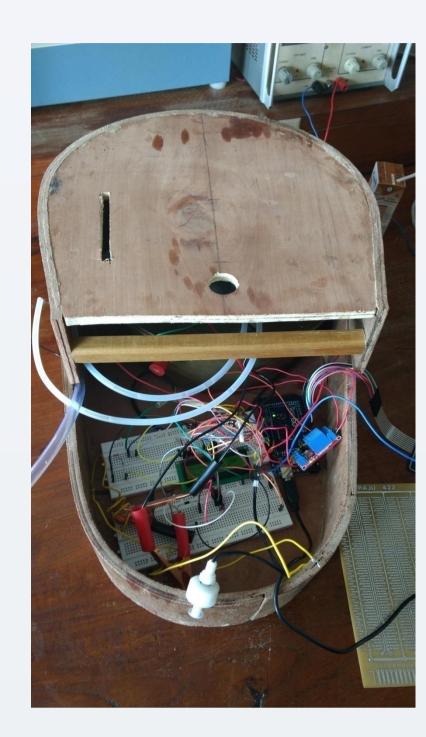




RESULTS







IMPACT / CONCLUSION

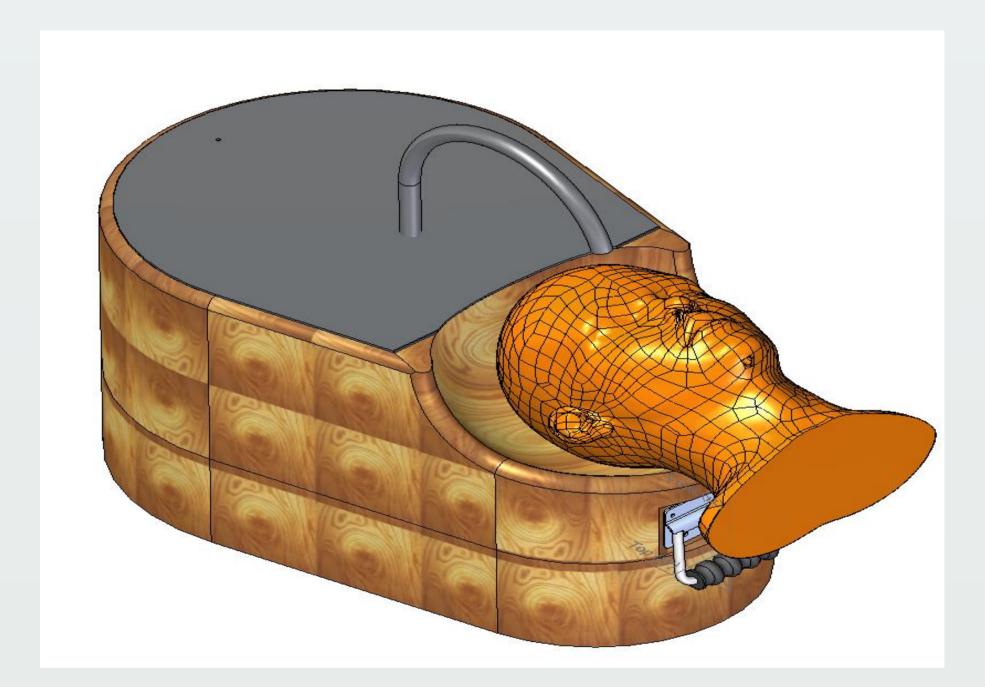
Easy to use

➤ Aids the Ayurvedic Clinicians/Doctors

Portable

- Cost effective
- No Wastage

EXPECTED PROTOTYPE AUTOMATED SHIRODHARA SYSTEM



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- 5. A thesis by Vedpathak Surendra Martand and Kadus ."Comparative study of abhyanga, awagah and takradhara with internal medicine in psoriasis",CTRI,vol1 issued in June 2006.[5]