**shishuDOLA**

Parents in the present world are busy in their professional life, so they do not get sufficient time to take care of their babies. It may be expensive for the household to afford a nanny. Today’s woman has to manage home along with their office work simultaneously. After long working hours, they have to take care of the home along with the baby. They may not get enough time to swing the cradle manually and sooth the baby. Moreover, in today’s life style, it is very difficult even for the housewives to sit nearby their infants and sooth them whenever they cry.

There is a need to develop a new low cost smart cradle, because the existing cradles are inefficient. Our project “shishudola” is about smart cradle. In this project we trying to implement a smart way of caring babies. The main feature of this cradle is that it will care the baby as a step mother.This project help mother to get engaged in other important matters instead of getting engaged in matter of baby. The cradle swings automatically when baby cries. The speed of the cradle can be controlled automatically or as per the user need. The system has inbuilt alarm that indicates two conditions – first when the mattress is wet, which is an important parameter to keep the baby in hygienic condition, second when baby does not stop crying with in a stipulated time, which intimated that baby needs attention. This system helps parents and nurses to take care of babies without physical attention. Along with the alarm we also send message to parents in case baby does not stop crying with in a particular instant of time ,when the baby is wet, when the baby wake up from the sleep and if there is any variation in the baby body parameter such as temperature, abnormal pulse etc… . It also send message to parents when the baby is wake up from sleep. There is another option to make baby happier by playing the music. Beautiful music have hypnotic effects.it conforms to the modern concept of early education on infant, which can promote babies ‘brain development and stimulate babies potential. So as a total this project having more importance in the modern era. Our project “shishudola” will be act as a good care taker for the baby.