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DEPARTMENT OF MECHANICAL ENGINEERING

A Project report on

“LOW NOISE MIXER JAR”

APPROVED BY KSCST BANGALORE

Project Guide

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Abstract:

In the present report, the possibility of manufacturing low noise mixer jar to reduce noise and disturbance is investigated. A comprehensive model of low noise mixer jar is developed by using sound absorbing materials and interpreting design of the existing model. The layers of the mixer jar are surrounded by sound absorbing materials which in turn absorb the vibration produced by the mixer jar when it is subjected to operation. The lid of the mixer jar is designed in such a way that it absorbs noise produced by the jar.