

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A Project Report on

“Automatic Food Dispensing and Sensing Machine for Pets”

submitted in partial fulfillment of the requirement for the award of the degree of

Bachelor of Engineering
in
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ABSTRACT

In today's world, people try to provide the best possible facilities in terms of food and shelter for their pets. But, it is found that feeding the pets, especially in the afternoons when everyone's at work, is a major problem. In developed countries like the USA and countries across Europe, many pet owners go to the extent of appointing a maid to take care of their pets. Many depend on existing technology to feed their pets which has serious shortcomings in terms of ease of use, flexibility and cost. But in a country like ours, where majority of the people owning a pet belong to the middle class families, pets are left starving during the day.

Hence, here is an initiative towards helping the pet owners and preventing pets from starving. This project is a specialized design to dispense food to pets at the owners' discretion. It is an advanced design which mitigates the drawbacks of the current scenario by using the GSM technology. The system can be controlled by the pet owner just by sending an SMS from across the globe. The user is also intimated of the status of the system at different stages through status messages. This provides the pet owner a feedback through which he can know if the system has correctly dispensed food and if his pet has eaten. The project aims towards relieving the pet owners of the worry about the well being of their pets when they are away and keep the pets well fed.