

NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY

Project Detail

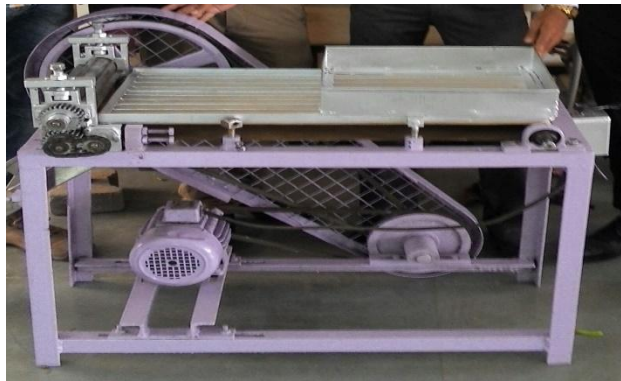
Name Of Project	Automatic Vegetable Cutting Machine
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❖ Student Detail:-

Student Name	Enrollment No.	Contact No.
Patel Kevin J.	110340119024	7405202035
Majmudar Harsh S.	110340119019	7567656336
Patel Krunal A.	110340119022	8866844067
Thakkar Rushabh J.	110340119028	7405202035

❖ Working Principle :-

An Automatic Vegetable cutter consist of the conveyor of nylon which convey the vegetables to the cutter blade. It consist of guide strips on the conveyor blades to guide the vegetable to the direction normal to the cutter axis .This machine consist of the rotary blades mounted on the cylindrical drum. The blades cut the vegetable in require size .The size of cut of vegetables can be change by varying the blade distance as per the requirement. Cutter and conveyor is driven by the electric motor of the proper speed. There should be arrangement of gears and pulleys of speed reduction from motor to the conveyor and blade drum. When Vegetables comes through conveyor belt they passes between cutter and nylon roll, so that bending and shearing force act on vegetables and they are cut off in require length.



❖ Application:-

- AVCM can be widely in the hotels and restaurants where there is high demand of cutting the vegetables at faster & smoother rate.
- AVCM can be widely in the caterers where there is high demand of cutting the vegetables at faster & smoother rate at the time of marriage function or any ceremony.

❖ Cost:-Around 18,500/- INR.

Project Guide(Internal)	Mr.VirendraParmar	9722123988
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