

# Design and Development of Small Sized Groundnut Oil Extracting Machine

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**Abstract:** *Present methods of oil extraction are inefficient, time consuming and costly due to the refining process involved. There are many issues where it is not possible to know adulteration which causes health related problems. Also, it requires external temperature above 100°C to extract oil. This high temperature reduces the quality of oil which is not suitable for human health. The aim of this project primarily focuses on maintaining/ improving the quality of oil which is extracted from groundnuts. To achieve this purpose, it will be necessary that compact, portable, easily operated, less time consuming and low-cost machines should be developed. At the same time the machine should maintain below specified temperature to avoid nutritional losses. Hence it is today's need to have an oil extracting machine which can be used at home by maintaining oil quality efficiently in a cost effective and adult – free way for a healthy life. Considering the above problems for this project it was decided to develop an oil extracting machine which will maintain the nutritional value and will be small in size & economical. The main aim focuses on maintaining the temperature below 70°C. based on this a machine will be developed and the output (oil temperature) will be checked to find the quality of oil.*

**Keywords:** Intrusion, Dataset, SDN, Network Traffic, Network Security, SDN Security, etc.

saving as well as energy saving which can be used in rural areas also where electricity problem is major.

## V. REFERENCES

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