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*A REVIEW*

# Development of PLC-based automatic Grape dryer

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## ABSTRACT

Grape is a seasonal crop and gets spoiled fast. Therefore, all the grapes of a season must be utilized within short span of 4-5 days. Present natural process of grapes (Kishmish making) requires 12-15 days. Hence, the investment of space and infrastructure are large and cannot be afforded by Indian farmers. To overcome this problem, an experimental drying chamber has been designed and fabricated which simulate the climatic condition. Also a PLC based system is developed to provide flexibility in varying conditions to produce all varieties of raisins (brown, golden, green).

**KEY WORDS** : Grape, Resins, Kishmish, Programmable logic controller (PLC), Dryer

**How to cite this Article** : Thool, V.R., Narwade, K.K., Kokate, A.B., Khurjule, S.D. and Pawar M.B. (2014). Development of PLC-based automatic Grape dryer *Engg. & Tech. in India*, 5 (1&2) : 60-66.

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