

FUTURE SCOPE OF WORK

Though this work highlights drying of four agroproducts there are other industrial and agroproducts which need to be tapped.

1. A single theoretical model for predicting the drying behaviour of any product needs to be formulated.
2. To design large scale roof integrated air heaters for drying industrial products like paper, cloth etc.
3. To design large scale solar roof integrated air heaters for drying industrial products like paper, cloth etc.
4. To study air heaters with different flow configurations for large scale applications from economic and durability point of view.
5. To study modifications in roof structure to enable the use of air heater for space heating and drying applications.
6. To study distribution of air flow in ducts of collector array and simulate the duct design for offering least resistance.
7. To design and fabricate solar driers which would be popular and commercially viable.
8. To design efficient cabinets or conveyors so as to utilize maximum drying efficiency during drying.