



TAMIL NADU AGRICULTURAL UNIVERSITY
 AGRICULTURAL ENGINEERING COLLEGE AND RESEARCH INSTITUTE
 DEPARTMENT OF FOOD PROCESS ENGINEERING
 COIMBATORE

Modernized Pilot Paper Plant

Impact Assessment and Success Stories

ABOUT PILOT PAPER PLANT

The Pilot Paper Plant, established in 1976 under Non-Plan-Agro Industries scheme, utilizes agricultural waste and waste papers generated from TNAU to produce office files and supplying the same to the University at a lower cost. The plant is utilized to impart hands on training in Experiential learning courses and to conduct UG practical classes. Also, the plant is being used for carrying out the research work. It also serves as a model unit for the needy people visiting TNAU as there is no such unit in Tamil Nadu. It is totally running as an eco-friendly, educational, research, demonstration and production unit.



MANUFACTURING PROCESS



Modernization of Paper Plant under TNAU - IDP fund



RAG CHOPPER MACHINE



CYLINDER MOULD MACHINE



BEATER



SOLAR DRYER



Particulars	Improved Process	Conventional Process
Cost of production / File	₹ 6.50	₹ 6.50
Selling cost /File	₹ 15	₹ 15
No. of file production/day	350 Nos.	100 Nos.
Cost of operation/day	₹ 2,200	₹ 2,200
Break-even point	1Year and 2Months	
Profit/day	₹ 2,125	₹ 850
	<ul style="list-style-type: none"> 70% increase in production 2.5 times increase in profit After 2.5 years the investment cost will be recognized 	

RANGE OF PAPER BASED PRODUCTS



TAG FILE



NADA FILE



SPRING CLIP FILE