

**UTILIZATION OF PYROLYSED AGROFORESTRY WASTE
MATERIALS INTO VALUE - ADDED PRODUCTS**

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ABSTRACT

Value-addition is a necessary step required for rational utilization of resources. In agroforestry, value can be added to waste products to input economic and beneficial social values into them. The project was carried out by collecting four agroforestry waste products namely, Bamboo, Palm fronds, Palm kernel shell, and Coconut shell in the surrounding areas of Federal University of Agriculture, Abeokuta. The materials were sun dried and pyrolysed at an elevated temperature in order to convert them into activated charcoal to be utilized as various value-added products. The pyrolysed materials were collected and grinded into fine particles to increase its effectiveness. The grinded activated charcoal was converted into various value-added products. Some of the products in which these activated charcoal were converted into are, charcoal dust in the maintenance of freshness of food, charcoal dust in the purification of water, charcoal dust in the control of foot odours, charcoal dust in the absorption of poison and charcoal dust in humidity regulator and odour prevention.