

<b>Research Title</b>	The Development Light weight Materials for Pottery Products
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The objective of this study were development of pottery products for a lighter while strength remains by using raw materials available in locally Including bagasse and bagasse ash. For the experimental were added bagasse 5 – 20 % by weight and bagasse 2-8 % by weight, and firing temperature at 900 °C . The result show that the best composition were bagasse ash 10% by weight showed good properties with strength, density, water absorption, porosity, weight lost were 20.10 Mpa, 1.47 g/cm<sup>3</sup>, 13.91%, 25.73%, and 15.97%, respectively. and added bagasse 4% by weight showed good properties with strength, density, water absorption, porosity, weight lost were 10.12 Mpa, 1.53 g/cm<sup>3</sup>, 19.95%, 30.17%, and 14.12%, respectively