



Power Generation from Non Edible Seed Cakes

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Abstract:Non edible seed oils are blended with diesel and used as a fuel from vehicle. After oil extraction the disposal of seed cakes are too difficult. Generally the seed cakes directly cannot able to feed animal food and the dehydration is also difficult. In this aspect the production of non edible seeds are gradually decreased. This research focused the power generation from Non Edible Jatropha and Non Edible Castor Seed cakes by using gasification technology and concludes that the Non edible Jatropha Seed Cakes yields maximum power when compare to Non Edible Castor Seed Cakes with less fuel consumption. The test is carried out of a fabricated 2kWe Biomass gasifier unit in PeriyarManiammai University, Vallam, Thanjavur, Tamilnadu.

Key words: Non edible seed cakes, Jatropha seed cake, Castor seed cake, Generation.

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