NATIONAL CONFERENCE ON ENGINEERING, SCIENCE, MANAGEMENT, ARTS AND HUMANITIES (NCESMAH – 2021)
31ST OCTOBER, 2021

CERTIFICATE NO : NCESMAH /2021/C1021787

EFFECT OF SLURRY TEMPERATURE ON BIOGAS GENERATION

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ABSTRACT

In the present study biogas generation is done under mesophilic condition. Similarly, optimum slurry temperature is achieved by using thermal insulation of anaerobic digester. Thermal insulation is achieved by tarpal canopy structure over digester and surface glazing of digester. In this present study, Slurry temperature of conventional biogas plant using surface glazing and tarpal insulation is found to be 33^0c.