

## **DEVELOPMENT OF LOW COST INSTRUMENT FOR MEASURING SUSPENDED SOLIDS IN FERMENTED WASH**

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*An attempt has been made to develop a low cost system based on nephelometric principle for measurement of suspended particles in the effluent from Sugar factories and distilleries. The instrument uses a potential arrangement of two LDRs of 20mm in diameter, for compensating for inherent non-linearity of LDRs and providing a low cost alternative. The paper describes mathematical model and the experimental results.*

*Keywords: Spent Wash, Scattering, Transmission, Simulation and absorption.*