

Standardization of microbial fuel cell for generation of electricity through, standardization of electrodes distance and by assessing different concentration of cattle dung slurry

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Microbial fuel cells (MFC) are special types of bio fuel cells, producing electrical power by utilizing metabolic activities of microorganisms. An attempt was made to construct a MFC for generation of electricity through, standardization of electrodes distance, assessing different concentration of cattle dung slurry. The results of the experiment revealed that, in MFC the distance between electrodes do not have any role in voltage generation. The concentration in the ratio 1:1 of cattle dung slurry was found to be the best in terms of voltage generation as well as stability of power generated.

Key words : Cattle dung slurry, Electricity, Electrodes distance, Microbial fuel cell, Multimeter, Voltmeter

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