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## Certificate

*It is here by certified that the paper ID : IJRASET77041, entitled*

*Optimizing Anaerobic Digestion for Enhanced Biogas Production Using  
Convolutional Neural Networks: Addressing Nutrient Imbalance, Hydrolysis Limitations, and  
Feedstock Variability through Intelligent Process Control*

*by*

*Dr. Srinivas Kasulla*

*after review is found suitable and has been published in*

*Volume 14, Issue I, January 2026*

*in*

*International Journal for Research in Applied Science &  
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