

PROJECT REPORT
ON
GREEN WASTE TECHNOLOGY FOR FISH PROCESSING
INDUSTRIES

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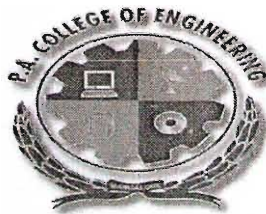
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Abstract

Green waste technology is the choice of future to deal with problems of fish processing industrial solid and liquid waste technology as it reduces the cost of production by reducing the cost of effluent treatment and it also generates additional income through producing biodiesel and biogas in environmentally sustainable manner. In our study fish oil extracted with $51.00\pm 0.13\%$ yield from sardine fish solid waste that constitute nearly half of the seafood products was utilized for producing biodiesel and the effluent produced as high as $455.41\pm 1.22\%$ of the total material handled are used for generating biogas. Yield of the biodiesel was 61.5 mL/mL of Fish oil, and the yield of biogas was 220 mL/1000 L of the liquid waste of 7 days of digestion. Hence Green waste technology to manage fish processing industrial solid and liquid waste is the choice of the future.