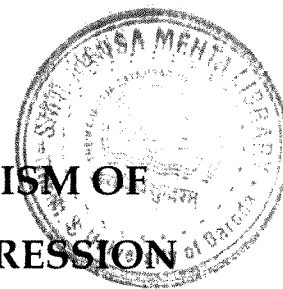


**ENGINEERING THE GLUCOSE METABOLISM OF
Pseudomonas spp. BY HETEROLOGOUS EXPRESSION
OF PHOSPHOENOLPYRUVATE CARBOXYLASE (PPC)
AND CITRATE SYNTHASE (CS) GENES**



**A THESIS SUBMITTED TO
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