

**RAPID ETHANOL FERMENTATION BY
IMMOBILIZED WHOLE CELLS**

KALYAN KUMAR BANDYOPADHYAY

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**BIOCHEMICAL ENGINEERING RESEARCH CENTRE
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NEW DELHI - 110016**

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CERTIFICATE

This is to certify that the thesis entitled "Rapid Ethanol Fermentation by Immobilized Whole Cells", submitted by Kalyan Kumar Bandyopadhyay has been prepared under my supervision in conformity with rules and regulation of the Indian Institute of Technology, Delhi. The research report and results presented in the thesis have not been submitted for any degree in any other university.


(T.K.Ghose)

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(K.K.Bandyopadhyay)

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