

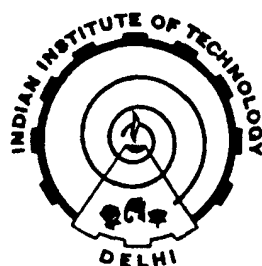
**TRANSMISSION STUDIES IN A VORTEX FLOW
ULTRAFILTER FOR PROTEIN FRACTIONATION**

by

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BIOTECHNOLOGY**

*A Thesis Submitted
in partial fulfillment of the
requirements for the Degree of
Doctor of Philosophy*



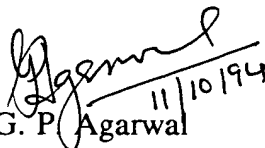
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**INDIAN INSTITUTE OF TECHNOLOGY, DELHI
NEW DELHI 110 016**

OCTOBER 1994

CERTIFICATE

This is to certify that the thesis entitled "**Transmission Studies in a Vortex Flow Ultrafilter for Protein Fractionation**", being submitted by Malini Balakrishnan to the Indian Institute of Technology, Delhi, for the award of Degree of Doctor of Philosophy, is a bonafide research work carried out by her under my supervision and guidance. The results obtained in this thesis have not been submitted to any other University or Institute for the award of any other degree or diploma.


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