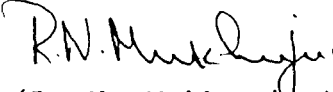
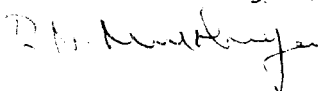
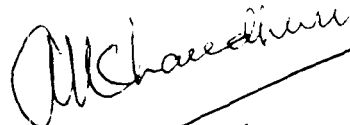


Mathematics Department
Burdwan University

Dated Burdwan,
15th October, 1996

This is to certify that Sri Debabrata Pal has worked out the thesis entitled "Partial Difference Equation and a Class of inventory Queues" - under our supervision. He has fulfilled the requirements of the regulations relating to the nature of research and presentation of Seminar lectures for the degree of Doctor of Philosophy in Science (Mathematics) of the University of Burdwan. It is also certified that the thesis incorporates the results of the original investigations made by Sri Pal under our guidance and actual supervision throughout. The thesis now submitted for the degree of Doctor of Philosophy in Science (Mathematics) of the University of Burdwan, has not been submitted previously either by him or by any one else.


(R. N. Mukherjee)



(A. K. Chaudhuri)
