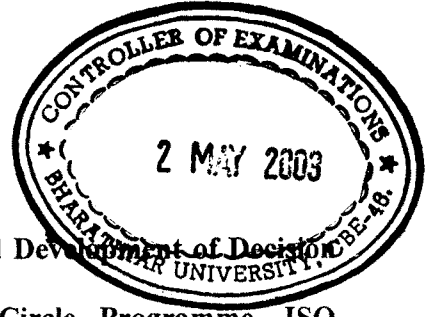
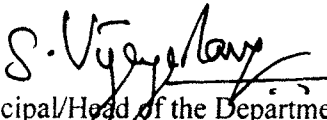


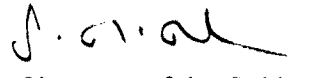
CERTIFICATE



This is to certify that the thesis, entitled "**Design and Development of Decision Support Systems for Innovation integrated Quality Circle Programme, ISO 9001:2000 based Quality System model and Total Failure Mode and Effects Analysis Technique**" submitted to the Bharathiar University, in partial fulfilment of the requirements for the award of the Degree of Doctor of Philosophy in **PRODUCTION ENGINEERING** is a record of original research work done by Mr.S.Thirugnanam during the period 2000 - 2003 of his study in the Department of Production Engineering at PSG College of Technology, Coimbatore, under my supervision and guidance and the thesis has not formed the basis for the award of any Degree/Diploma/ Associateship/Fellowship or other similar title to any candidate of any University.

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