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## CERTIFICATE

This is to certify that **Mr. SHAH VATSALKUMAR HASMUKHBHAI** has worked under my guidance to prepare the thesis entitled “*Memory Management in Real-Time Operating System*” which is being submitted herewith towards the requirement for the degree of Doctor of Philosophy in Computer Science & Engineering, Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara.

Dr. Apurva Shah,  
Guide,  
Department of CSE

Head,  
Department of CSE

Dean,  
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## APPROVAL SHEET

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This thesis entitled “*Memory Management in Real-Time Operating System*” submitted by **Mr. SHAH VATSALKUMAR HASMUKHBHAI** in the Department of Computer Science & Engineering is hereby approved for the degree of Doctor of Philosophy in Computer Science & Engineering.

Examiner’s Signature

Dr. Apurva Shah

Guide