

## REGISTRATION DETAILS

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**Faculty:** Faculty of Science

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**Date of Registration:** 25<sup>th</sup> June 2012

**Title of Thesis:** Design and Development of Text Line Segmentation and Recognition of Offline Handwritten Gujarati Text

**Guide Name:** Dr. Bankim Patel

**Place of Work:** Shrimad Rajchandra Institute of Management and Computer Application, Uka Tarsadia University

Ref. No: UTU/Ph.D./2017/2919

## CERTIFICATE

This is to certify that **Mr. Jitendra Vinodchandra Nasriwala** has completed successfully Ph.D. course work during **June – 2012 to January – 2013**.

Place: Maliba Camus  
Date: 28-04-2017



*S. J. J. J.*  
Dean PG



## Certificate for Pre – Ph. D Seminar

This is to certify that **Mr. Jitendra Vinodchandra Nasriwala** has made pre Ph.D. presentation as per UGC guideline (“University Grant Commission (Minimum Standards and Procedure for award of Ph.D. Degree) – Regulation – 2009”) and Uka Tarsadia University Ordinance for Ph.D. Programme (13.8), on the research work entitled “**Design and Development of Text Line Segmentation and Recognition of Offline Handwritten Gujarati Text.**” at the institute **Shrimad Rajchandra Institute of Management and Computer Application**, Uka Tarsadia University, Bardoli on Date **15-04-2017** before RPC, the faculty members and students of the institute for getting feedback and comments.

Place: Maliba Campus  
Date: 28-04-2017



*S. K. Das*  
Dean PG



# CERTIFICATE

This is to certify that research work embodied in this thesis entitled “**Design and Development of Text Line Segmentation and Recognition of Offline Handwritten Gujarati Text**” was carried out by **Mr. Jitendra Vinodchandra Nasriwala (201208300110001)** at **Shrimad Rajchandra Institute of Management and Computer Application (SRIMCA)** for the fulfilment of Doctor of Philosophy (Computer Science, Faculty of Science) degree to be awarded by **UKA TARSADIA UNIVERSITY**. The research work carried out under my supervision is original and no part of it has been submitted previously to this or any other university or institution of higher learning for the award of the Ph.D. or any other degree or diploma.

**Date:**

**Place:** Maliba Campus, Bardoli

**Dr. Bankim Patel**

**Guide**

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I declare that the thesis entitled “Design and Development of Text Line Segmentation and Recognition of Offline Handwritten Gujarati Text”, submitted by me for the degree of Doctor of Philosophy is the record of work carried out by me during the period from June-2012 to Oct-2017 under the guidance of Dr. Bankim Patel.

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**Signature of Candidates:** \_\_\_\_\_

**Date:**

**Enrolment No.:** 201208300110001

*Dedicated to my loving family*

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