



School of Engineering Technology

Main Campus, Off Hennur-Bagalur Main Road, Chagalahatti, Bengaluru-562149

***PROGRAMMING WITH PYTHON (4BCS105),
PROJECT REPORT ON,
“NAME OF THE PROJECT”***

Submitted to,
School Of Engineering and Technology, CMR, Bagalur
for the partial fulfilment of the Requirement for the Award of the Degree of

***Bachelor of Technology,
In,
Department Name***

Submitted by:
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***Under the Guidance Of,
Prof. NAME OF GUIDE***

**CMR UNIVERSITY BAGALUR,
2018-19**



School of Engineering Technology, CMR

Main Campus, Off Hennur-Bagalur Main Road, Chagalahatti, Bengaluru-562149

CERTIFICATE

*Certified that the project work entitled **NAME OF THE PROJECT** carried out by Mr./Ms. **STUDENT-1**(REG.NO 16UG08001), **STUDENT-2**(REG.NO 16UG08002) in partial fulfilment for the award of Bachelor of Technology in **COMPUTER SCIENCE AND ENGINEERING** of the CMR University, Bagalur during the year 2018-19. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.*

Name of the Guide

Name of the Dean

Signature of the Guide
Dean

Signature of the

Examiners

Name of the examiners

Signature with date

1
2

DECLARATION

*We, **STUDEN-1, STUDEN-2**, students of CMR university school of engineering and technology, bagalur hereby declare that the dissertation entitled “ **NAME OF THE PROJECT**” embodies the report of my project carried out independently by me during fifth semester of **Bachelor of Engineering in computer science and technology**, under the supervision and guidance of **Prof. NAME OF GUIDE**, Department of Computer Science and Engineering and this work has been submitted for the partial fulfilment of the requirements for the award of the **Bachelor of Engineering** degree.*

We have not submitted the matter embodies to any other university or institution for the award of other degree.

Date :

Place :

NAME OF THE STUDENT-1 (REG.NO)

SIGNATURE OF STUDENT-1

NAME OF THE STUDENT-2 (REG.NO)

SIGNATURE OF STUDENT-2

ACKNOWLEDGEMENT

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*Our sincere thanks to all teaching and non-Teaching Staff of **Computer Science & Engineering Department** for all the facilities provided, without which, We could not have progressed with my work. Thanks to our parents who have been a great source of strength in the completion of this dissertation.*

NAME OF THE STUDENT-1

(REG.NO)

NAME OF THE STUDENT-2

(REG.NO)

ABSTRACT

The report must begin with a one- to two-paragraph abstract (max 350 words) that orients the reader as to the contents as well as to the major sections of the report. The abstract, by itself, must provide enough information about the project so that the reader can judge simply by reading this portion if he or she wants to read further.

For example, as an abstract for this document, this document has been prepared by the College of Engineering and Technology to help Undergraduate students in preparing their final year project report. The document presents a general outline for these documents as well as the formatting that students must abide to. Also, the exact method for citation and referring to literature related to your work is detailed.

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CHAPTER 1

PREAMBLE

1.1 Introduction

This is simply dummy text of the printing and typesetting industry. This has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries.

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but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing This passages, and more recently with desktop publishing software like Aldus PageMaker including versions of This.

Geometric features of human face found that these features affect the age classification system of human face i.e. the geometric association of key parts don't vary. In this manner, derived segments need to be considered and recognized. The derived segments that are utilized as a part of the present that used are geometric elements of the face.

It expect that bone basic changes, don't happen when after the individual is completely grown up i.e. the geometric relationships of key parts of the face do not vary. Hence, derived segments of the face need to be considered and identified. The derived segments that are used in the present research are Geometric Features of the face. In this project, we classify the The present work proposed an innovative technique that classifies human age group in to five categories i.e. less than 10, 10 - 26, 26 - 45, 45-50, and above 60 based on the Geometric Components of the facial skin on the proposed Second order Image Condense and Fuzzy Reduced Grey level (SICFRG) model. The Present project derived Second Order image Condense and Fuzzy Reduced Grey level (SICFRG) model,

which reduces the image dimension from 5 x 5 into 2 x 2 and grey level range without any loss of significant feature information. This model focused on statistical and structural properties of face for efficient age classification that classifies facial image into a five groups.

The present work extends this concept, by deriving Geometric Components on the proposed SICFRG model and found these features drastically affect the age classification system of humans. The present project further extends the concept of reduction in dimensionality and gray level range by implementing the proposed SICFRG model using Geometric Components. The experimental analysis gives a clear idea about the percentage of classification levels of Geometric Components on SICFRG model.

1.2 Literature Survey

This is simply dummy text of the printing and typesetting industry:

Chellappa, R [1]: Human facial picture preparing has been a dynamic and intriguing exploration issue for a considerable length of time. Since human appearances give a great deal of data, numerous themes have drawn many of considerations and in this way have been considered on face acknowledgment.

Choi, C [2]: An age change technique for foreseeing the future face. The main stride of the system is to concentrate face-changing parts as per ages from the facial pictures utilizing chief segment examination (PCA) and a 3D facial shape model (FSM). The second step blends the future face by including the extricated age change segments (ACC) to the present face. We separate general lifetime into three sections, for example, adolescence, masculinity and maturity for removing approximated straight ACC from the nonlinearly evolving face. This piecewise direct treatment gives us accommodation to extraction of the ACC and amalgamation without bounds faces. The integrated pictures indicate excellent and the main age-changed appearances without changing other facial components.

A. Lanitis [3]: A quantitative assessment of the execution of diverse classifiers in the assignment of programmed age estimation. In this connection, we create a measurable model of facial appearance, which is hence utilized as the premise for getting a minimal parametric portrayal of face pictures. The point of our work is to outline classifiers that

acknowledge the model-based representation of concealed pictures and produce an assessment of the age of the individual in the comparing face picture.

Y. H. Kwon [4] : Age characterization issue was initially chipped away at by Kwon and Lobo. Their study characterized information pictures as infants, youthful grown-ups and senior grown-ups in light of cranio-facial improvement and skin wrinkle investigation.

B. Pittenger [5]: A hypothesis for the impression of occasions is proposed utilizing the ideas of transformational and auxiliary invariants. This methodology includes the use of a technique for spatial direction change to portray the rebuilding of countenances by development. By understanding developing countenances to the visceral-versatile occasions, the view of the relative age level faces in made managable to the proposed occasion

1.3 Problem statement

This is simply dummy text of the printing and typesetting industry. This has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries.

1.4 Objective

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1.5 Methodology

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CHAPTER 2

GENERAL ASPECTS AND TECHNOLOGY

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CHAPTER 3

SYSTEM SPECIFICATION AND DESIGN

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CHAPTER 4

IMPLEMENTATION

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CHAPTER 5

RESULTS AND DISCUSSIONS

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CONCLUSION

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