

Hand Gesture Controlled Presentation

Project report submitted

In partial fulfilment of the requirements of the degree of

Master of Computer Application
in

School of Engineering and Technology

by

Archi Jain (2101560011)

Shivam Sharma (2101560008)

Sreeraj K M (2101560002)

Nipun Shrivastava (2101560006)

Under the Supervision of

Ms. Suman (Asst. Prof)



SCHOOL OF ENGINEERING AND TECHNOLOGY

**K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA,
INDIA**

(June 2023)

Jain

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K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled " **Hand Gesture Controlled Presentation**" by the following students:

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Sreeraj K M	2101560002
Shivam Sharma	2101560008
Nipun Shrivastava	2101560006

has been carried out under my/our supervision and this work has not been submitted elsewhere for a degree.


Ms. Suman

Asst Prof,

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K R Mangalam University, Gurugram, Haryana, India



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K.R. Mangalam University

Sohna Road, Gurugram, (Haryana)



DECLARATION


We declare that this written submission represents our ideas in our own words and where other's ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all the principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can so evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed. We further declare that if any violation of the intellectual property right or copyright, my supervisor and university should not be held responsible for the same.

(Name(s) of the student)	(Roll No.)	(Signature)
Archi Jain	2101560011	
Sreeraj K M	2101560002	
Shivam Sharma	2101560008	
Nipun Shrivastava	2101560006	

Date : 09th June 2023

Place: K.R. Mangalam University

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ACKNOWLEDGEMENT

It gives me immense pleasure to express my deepest sense of gratitude and sincere thanks to my highly respected and esteemed guide Ms.Suman(Asst. Prof), for their valuable guidance, encouragement and help for completing this work. His/Their useful suggestions for this whole work and co-operative behavior are sincerely acknowledged.

I would like to express my sincere thanks to Ms.Suman (Asst. Prof), KRMU for giving me this opportunity to undertake this project. I would also like to thank Ms. Shweta Bansal (Asst.Prof. , H.O.D SOET), for wholehearted support.

I am also grateful to my teachers for their constant support and guidance.

I also wish to express my indebtedness to my parents as well as my family members whose blessings and support always helped me to face the challenges ahead.

At the end I would like to express my sincere thanks to all my friends and others who helped me directly or indirectly during this project work.

Date: 09th June 2023

Place: K.R. Mangalam University

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Roll Number:- 2101560011

Student Name:- Sreeraj K M

Roll Number:- 2101560002

Student Name:- Shivam Sharma

Roll Number:- 2101560008

Student Name:- Nipun Shrivastva

Roll Number:- 2101560006

Lung Cancer Prediction and Visualization
Project Report Submission
In partial fulfilment of the requirements of the degree of

Master
Of
Computer Applications

By
Apoorva Shaw

Sankalp Jha

Swati Shukla

Under the supervision of
Dr. Shweta Bansal (Associate Professor, SOET)



School Of Engineering and Technology
KR MANGALAM UNIVERSITY, GURUGRAM, HARYANA

INDIA

June, 2023


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Sankalp Jha	2101560007
Swati Shukla	2101560001

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Dr Shweta Bansal,

Associate Prof,

School of Engineering and Technology,

K R Mangalam University, Gurugram, Haryana, India



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Sohna Road, Gurugram, (Haryana)

DECLARATION

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Apoorva Shaw	2101560019	Apoorva Shaw
Sankalp Jha	2101560007	Sankalp jha
Swati Shukla	2101560001	Swati Shukla

Date : 09th June 2023

Place: K.R. Mangalam University


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APPROVAL SHEET

This project report entitled **Lung Cancer Prediction and Visualization** by Apoorva Shaw, Sankalp Jha, Swati Shukla is approved for the degree of MCA (Master of Computer Application), School of Engineering and Technology.

Dean (SOET)

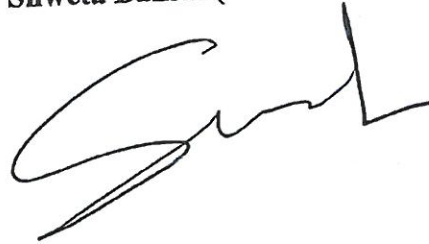
Dr. Pankaj Aggarwal

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Haryana 122103

Mentor

Dr Shweta Bansal (Associate Prof)



Date : 09th June 2023

Place: K.R. Mangalam University



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ACKNOWLEDGEMENT

It gives me immense pleasure to express my deepest sense of gratitude and sincere thanks to my highly respected and esteemed guide **Dr. Shweta Bansal(Associate Prof)**, for their valuable guidance, encouragement and help for completing this work. His/Their useful suggestions for this whole work and co-operative behavior are sincerely acknowledged.

I would like to express my sincere thanks to **Dr. Shweta Bansal(Associate Prof)**, KRMU for giving me this opportunity to undertake this project. I would also like to thank **Dr. Shweta Bansal (Associate Prof. , H.O.D SOET)**, for wholehearted support.

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Date: 09th June 2023

Place: K.R. Mangalam University

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Roll Number: - 2101560019

Student Name: - Sankalp Jha

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Student Name: - Swati Shukla

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ABSTRACT

Past years have experienced increasing mortality rate due to lung cancer and thus it becomes crucial to predict whether the tumor has transformed to cancer or not, if the prediction is made at an early stage then many lives can be saved and accurate prediction also can help the doctors start their treatment. Computed tomography plays a vital role in ensuring the condition of tumor that by checking the size of tumor, location of tumor, etc. In this paper, we have proposed a framework for prediction of cancer at an early stage so that many lives that are in an endangered situation could be revived. Basically, our focus is on two domains of computer science that is Digital Image Processing acronymed DIP and Machine Learning. Digital image processing is well-known for the phase of preprocessing the image. In the further stage, the pre-processed image is exposed to segmentation phase and then the segmented image is passed for feature extraction and finally the extracted features are trained using machine learning classification algorithms like SVM (Support Vector Machines), Random Forest, ANN (Artificial Neural Network). Based on the classification results obtained, prediction is made whether the tumor is benign or malignant. The inevitable parameters such as accuracy, Recall and precision are calculated for determining which algorithm has the highest predictive accuracy.

Key Words: lung cancer, tumor, artificial neural network, support vector machine, prediction, accuracy, visualization, digital image.


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Resume Analyzer

Project report submitted

In partial fulfilment of the requirements of the degree of

Master of Computer Application

in

School of Engineering and Technology

by

Tanya Mittal (2101560003)

Deepanshu Gupta (2101560009)

Under the Supervision of

Ms. Ruchika (Asst. Prof)



SCHOOL OF ENGINEERING AND TECHNOLOGY

**K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA,
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Ms. Ruchika,

Asst. Prof,

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APPROVAL SHEET

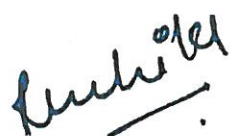
This project report entitled **Resume Analyzer** by **Tanya Mittal, Deepanshu Gupta** is approved for the degree of **MCA (Master of Computer Application)**, **School of Engineering and Technology**.

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Supervisor



Ms. Ruchika (Asst. Prof)

Date : 09th June 2023

Place: K.R. Mangalam University



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ACKNOWLEDGEMENT

I would like to express my heartfelt gratitude and appreciation to all the individuals and resources that have contributed to the development of the Resume Analyzer. Without their support, this project would not have been possible.

I am immensely thankful to my mentors and advisors for their guidance, expertise, and valuable insights throughout the development process. Their knowledge and encouragement have been instrumental in shaping the Resume Analyzer into a robust and effective system.

I would like to extend my sincere appreciation to the team members who collaborated on this project. Their dedication, hard work, and commitment to excellence have been invaluable. Their contributions in data collection, model training, and system integration have significantly enhanced the functionality and performance of the Resume Analyzer.

At the end I would like to express my sincere thanks to all my friends and others who helped me directly or indirectly during this project work.

Date: 09th June 2023

Place: K.R. Mangalam University

Student Name: - Tanya Mittal

Roll Number: - 2101560003

Student Name: Deepanshu Gupta

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Bus Attendance System

Project report submitted

In partial fulfilment of the requirements of the degree of

Master of Computer Application

in

School of Engineering and Technology

by

Sagar Aggarwal (2101560005)

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Pritesh Kumar (2101560014)

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Under the Supervision of

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**K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA,
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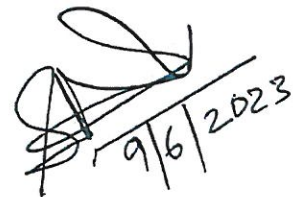
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Pritesh Kumar	2101560014
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Mr. Shamim Ahmad,

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DECLARATION

We declare that this written submission represents our ideas in our own words and where other's ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all the principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will because for disciplinary action by the Institute and canal so evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed. We further declare that if any violation of the intellectual property right or copyright, my supervisor and university should not be held responsible for the same.

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Rinchi Jain	2101560012	
Pritesh Kumar	2101560014	
Charu Jain	2101560015	

Date : 09th June 2023

Place: K.R. Mangalam University


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APPROVAL SHEET

This project report entitled **Bus Attendance System** by **Sagar Aggarwal, Rinchi Jain, Pritesh Kumar and Charu Jain** is approved for the degree of **MCA (Master of Computer Application)**, **School of Engineering and Technology**.



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Supervisor

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Date : 09th June 2023

Place: K.R. Mangalam University



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Shirt Design Editing and Printing Website using AI

Project report submitted

In partial fulfilment of the requirements of the degree of

Master of Computer Application

in

School of Engineering and Technology

by

(Amar Singh, Akash Kumar, Devendra Kumar and Jerin Varghese)

Under the Supervision of

Ms. Asha Sohal (Asst. Pro. SOET)



SCHOOL OF ENGINEERING AND TECHNOLOGY

K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA,
INDIA

(May 2023)

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CERTIFICATE

It is certified that the work contained in the project report titled " Shirt Design Editing and Printing Website using AI " by the following students:

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Amar Singh	2101560017
Akash Kumar	2101560024
Devendra Kumar	2101560018
Jerin Varghese	2101560013

has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.



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Registrar

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Sohna Road, Gurugram, (Haryana)

DECLARATION

We, the undersigned, hereby declare that the project titled "Shirt Design Editing and Printing Website using AI" has been developed by us in partial fulfilment of the requirements for the completion of MCA (Master of Computer Application). The purpose of this project was to create a web application that enables users to design, edit, and print their own shirts using artificial intelligence (AI) techniques. The project aimed to provide a user-friendly interface, integrate AI algorithms for design suggestions, and offer real-time previews of the final product. We have successfully completed the project and met the objectives set forth at the beginning of the project. Throughout the development process, we have utilized various technologies, including HTML5, CSS3, JavaScript, React.js and Express.js and image processing libraries. These technologies have been used to design back-end server logic, provide an interactive front-end interface, integrate, and simplify image processing.

(Name(s) of the student)	(Roll No.)	(Signature)
Amar Singh	2101560017	
Akash Kumar	2101560024	
Jerin Varghese	2101560013	
Devendra Kumar	2101560018	

Date: 08/09/2023


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APPROVAL SHEET

This project report entitled **Shirt Design Editing and Printing Website using AI** by Amar Singh, Akash Kumar, Jerin Varghese, Devendra Kumar is approved for the degree of MCA (Master of Computer Application), School of Engineering and Technology.

Dean (SOET)

Dr. Pankaj Aggarwal

DEAN
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Haryana 122103

Supervisor

Ms. Asha Sohal (Asst. Pro. SOET)

Date : 09/06/2023

Place: Gurugram



Registrar
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Sohna Road, Gurugram, (Haryana)

EMPLOYEE CALLING SYSTEM

Project report submitted

Inpartialful fillment of the requirement for the degree of

MASTER OF COMPUTER APPLICATION

BY

VIPUL KAUSHIK (2101560021)

VINAY SAINI (2101560022)

DEEPALI (2101560004)

Under the guidance of
Ms. Neetu Gupta



Department of SOET

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K. R. Mangalam University, Gurugram-122003

June-2023

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CERTIFICATE

It is certified that the work contained in the project report titled "Employee Calling SystemSystem" by the following students:

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Vipul Kaushik	2101560021
Vinay Saini	2101560022
Deepali	2101560004

has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.



Ms. Neetu Gupta,

Asst. Prof.

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(Name(s) of the student)

(Roll No.)

(Signature)

Vipul Kaushik

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Okavshik

Vinay Saini

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Saini

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Deepali

Date: 09th June 2023

Place: K.R. Mangalam University



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APPROVAL SHEET

This project report entitled Employee Calling System by Vipul Kaushik, Vinay Saini, Deepali is approved for the degree of MCA (Master of Computer Application), School of Engineering and Technology.

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Dr. Pankaj Aggarwal


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Supervisor

Ms. Neetu Gupta (Asst. Prof)



Date :09th June 2023

Place: K.R. Mangalam University


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