

Early stage disease prediction of Plant diseases using ML Algorithms

A Seminar Report submitted to



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

in partial fulfillment of the requirements
for the award of degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

Submitted by

Shresta L	1KG17CS082
T Karishma	1KG17CS096
T Kavya	1KG17CS097
Teja V	1KG17CS099

Under the guidance of

Mr. Santhosh Kumar S
Asst. Professor, Dept. of CSE
K S School of Engineering and Management



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Childhood Autism Spectrum Disorder Screening using Machine Learning

A Project Work submitted to



Visvesvaraya Technological University

*In partial fulfillment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Divya B M	1KG17CS023
Hamsini R Koushik	1KG17CS026
Monika R	1KG17CS045
Moulisha Shree K	1KG17CS047

Under the Guidance of

Mr. Deepak M D
Associate Professor
Dept. of CSE
KSSEM, Bengaluru



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Imitation Learning Using Humanoid Robots

Project Work submitted to



Visvesvaraya Technological University
*in partial fulfilment of the requirements
for the award of degree of*

Bachelor of Engineering
in
Computer Science & Engineering
Submitted by

Lahari B J	1KG17CS034
Monisha P	1KG17CS046
Naveen A	1KG17CS049
Nishmitha H N	1KG17CS053

Under the Guidance of

Mr. Ashoka. S
Asst.Professor
Department of CSE
KSSEM, Bengaluru



Department of Computer Science & Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Dvelopment of a prototype of Smart Barbage Bins for Smart Cities

A Project Work submitted to



Visvesvaraya Technological University

*In partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Archana G Adiga	1KG17CS007
Chandana G K	1KG17CS018
Gayathri G B	1KG17CS024
Meghana M	1KG17CS041

Under the Guidance of

Mr. Santosh Kumar j
Associate Professor
Dept. of CSE KSSEM
Bengaluru



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Monitoring the Soil Parameters using IoT and Android Based Application for Smart Agriculture

Project Work submitted to



*Visvesvaraya Technological University
in partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science & Engineering
*Submitted by***

Rahul B V	1KG16CS073
Ram sree vatsav G P	1KG16CS077
Rishi durga supreeth M	1KG16CS083
Vinay N	1KG16CS116

Under the Guidance of

Mrs. Swetha P
Assistant Professor
Department of CSE
KSSEM, Bengaluru



Department of Computer Science & Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Crime Analysis and Prediction Using Data Mining Techniques

Project Work submitted to



*Vignansaraya Technological University
in partial fulfillment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science & Engineering
Submitted by**

**Mohammed Khaleebulla Z 1KG17CS043
Mohammed Moin 1KG17CS044
Mohammed Uzair Farces 1KG17CS048**

Under the Guidance of

Mrs. Megha J
Assistant Professor
Department of CSE
KSSEM, Bengaluru



Department of Computer Science & Engineering
K.S. School of Engineering and Management No. 15, Mallasandra, off Kanakapura
Road, Bengaluru-560109
2020-21

Automatic Music Transcription Using Conventional Neural Network

A Project Work submitted



Visvesvaraya Technological University
*In partial fulfillment of the
requirements for the award of degree of*

Bachelor of Engineering
in
Computer Science and Engineering

Submitted by

Rakesh S	1KG17CS062
Sharath M	1KG17CS078
Sumanth P	1KG17CS094
Roshan Kumar	1KG17CS067

Under the Guidance of

Mr. Ugranada Channabasava
Assistant Professor
Dept. of CSEKSSEM



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109

2020-21

Optical Character Recognition on Live Footages for Visually Impaired People

A Project Work submitted to



Visvesvaraya Technological University

*In partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Sai Srujana P H	1KG17CS069
Shalini B R	1KG17CS076
Shalini V	1KG17CS077
V Chandana Chowdary	1KG16CS113

Under the Guidance of

Mrs. K V Shalini
Assistant Professor
Dept. of CSE
KSSEM, Bengaluru



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Predicting Student Performance Using Machine Learning

A Project Work submitted to



Visvesvaraya Technological University

*In partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Poorvika M S	1KG17CS056
Rakshitha G	1KG17CS063
Savitha M	1KG17CS074
Shrindhi Hegde	1KG17CS083

Under the Guidance of

Mr. Ashoka S
Assistant Professor
Dept. of CSE
KSSEM, Bengaluru



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109

2020-21

Sentiment Analysis on Voice Data Using Deep Learning

A Project Work submitted to



Visvesvaraya Technological University

In partial fulfillment of the requirements

for the award of degree of

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Pranav Kumar	1KG17CS057
Siddharth Malik	1KG17CS086
Suhay R Joshi	1KG17CS093
Yash Kumar Singh Patwa	1KG17CS109

Under the Guidance of

Dr. Deepa Yogish
Assistant Professor
Dept. of CSE
KSSEM, Bengaluru



Department of Computer Science and Engineering
K. S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Design and develop a framework to test the quality of food.

Project Work submitted to



Visvesvaraya Technological University
in partial fulfilment of the requirements
for the award of degree of

Bachelor of Engineering
in
Computer Science & Engineering
Submitted by

Amilineni Niveditha IKG17CS005
Manam Likhitha IKG17CS038
Nimmalapudi Bharani IKG17CS051
Nimmalapudi Pratyusha IKG17CS052

Under the Guidance of

Deepak M D
Assistant Professor
Department of CSE
KSSEM, Bengaluru



KSSEM

Department of Computer Science & Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109



KSSEM

Department of Computer Science Engineering

Predicting Human Behaviour by Voice Modulation

A Project Work submitted to



Visvesvaraya Technological University

*In partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Chandana N	1KG17CS019
Deeksha I.	1KG17CS021
Janani G M	1KG17CS030
Komal Suthar	1KG17CS033

Under the Guidance of

Mrs. Swathi Darla
Assistant Professor
Dept. of CSE
KSSEM, Bengaluru



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Early stage disease prediction of Plant diseases using ML Algorithms

A Seminar Report submitted to



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

in partial fulfillment of the requirements
for the award of degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

Submitted by

Shresta L	1KG17CS082
T Karishma	1KG17CS096
T Kavya	1KG17CS097
Teja V	1KG17CS099

Under the guidance of

Mr. Santhosh Kumar S
Asst. Professor, Dept. of CSE
K S School of Engineering and Management



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Design and Development of System for Fire and Gas Detection with Alerting concern

Project Work submitted to



Visvesvaraya Technological University
in partial fulfilment of the requirements
for the award of degree of

Bachelor of Engineering
in
Computer Science & Engineering

Submitted by

Balakrishna M	1KG17CS010
Bharath M	1KG17CS013
Dev M M	1KG17CS022
Harish V Sargonvi	1KG17CS027

Under the Guidance of

Mrs. Amitha . S
Asst. Professor
Department of CSE
KSSEM, Bengaluru



Department of Computer Science & Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Student Height Analysis for Academic Performance Prediction

A Project Work submitted to



Visvesvaraya Technological University

In partial fulfilment of the requirements

for the award of degree of

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Ayushi Gupta	1KG17CS009
Bharathi U	1KG17CS014
Bhoomika V Sharma	1KG17CS016
Divya R D	1KG16CS025

Under the Guidance of

Mrs. Swetha P
Asst. Professor
Dept. of CSE
KSSEM, Bengaluru



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

**Design and Development of Framework for Detecting
Parkinson's Disease using Machine Learning**

Project Work submitted to



*Visvesvaraya Technological University
in partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science & Engineering
Submitted by**

Brunda R Patel	1KG17CS017
Manaswini J	1KG17CS039
Meghna Umesh	1KG17CS042
Nikitha C	1KG17CS050

Under the Guidance of

Mrs. Gargi N

Assistant Professor
Department of CSE
KSSEM, Bengaluru



Department of Computer Science & Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

**Design and Deployment of a Smart Touch-less Sanitizer
Dispenser at Work Places using IoT**

Project Work submitted to



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

In partial fulfillment of the
requirements for the award of degree of

BACHELOR OF ENGINEERING
In
COMPUTER SCIENCE AND ENGINEERING

Submitted by

K S SAI NANDA KISHORE RAO	1KG17CS031
LOKESH R C	1KG17CS035
MAHESH RAJU N	1KG17CS037
MANOJ RAJU N	1KG17CS040

Under the Guidance of

Mrs. Sandhya A Kulkarni
Asst. Prof
Dept. of CSE
K S School of Engineering and Management



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-2021

Analysis of Post Covid Symptoms for Using Machine Learning

A Project Work submitted to



Visvesvaraya Technological University

*In partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Ashok.S	1KG16CS013
Gagana.K	1KG16CS029
Kadiyala.Indraja	1KG16CS043
Manasa M	1KG16CS050

Under the Guidance of

Mrs. Amitha.S
Associate Professor
Dept. of CSE
KSSEM, Bengaluru



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Food Magic: An Augmented Reality Restaurant Application

Project Work submitted to



*Visvesvaraya Technological University
in partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science & Engineering**

Submitted by

Prashwitha Sanil	1KG17CS058
Sameera S Kashyap	1KG17CS070
Tanzeela Fathima	1KG17CS098
V Parinita	1KG17CS101

Under the Guidance of

Dr. Vandana Jha
Professor and Head
Department of CSE
KSSEM, Bengaluru



Department of Computer Science & Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109

2020-21

Text to Handwriting using Machine Learning

Project Work submitted to



Visvesvaraya Technological University

in partial fulfilment of the requirements

for the award of degree of

Bachelor of Engineering in

Computer Science & Engineering

Submitted by

Pooja Bharathi N	1KG17CS055
Purushottam R Muthad	1KG17CS060
Rajath D Bharadwaj	1KG17CS061
Sanjana P I.	1KG17CS071

Under the Guidance of

Mrs. Sandhya A Kulkarni

Assistant Professor

Department of CSE

KSSEM, Bengaluru



Department of Computer Science & Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

Talking Gloves: Sign Language to Speech Conversion for Deaf and Mute Person

A Project Work submitted to



Visvesvaraya Technological University

*In partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Sarvottam N Katti	1KG17CS073
Sourabh S Sirsi	1KG17CS090
Vandana Prakash	1KG17CS104
Vinith Raj B. U	1KG17CS107

Under the Guidance of

Dr. Vandana Jha
Professor and Head
Dept. of CSE
KSSEM, Bengaluru



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109

COVID-19 Outbreak Data Analysis and Risk Prediction

A Project Work submitted to



Visvesvaraya Technological University
*In partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted by

Shashank V	1KG17CS079
Varun Kumar T H	1KG17CS105
Vikas B	1KG17CS106
Yashash T V	1KG17CS110

Under the Guidance of

Mr. Sandeep H
Associate Professor
Dept. of CSE
KSSEM, Bengaluru



Department of Computer Science and Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109
2020-21

**Identifying Human Emotions with Pictures
By Wearing Masks**

Project Work submitted to



*Visvesvaraya Technological University
in partial fulfilment of the requirements
for the award of degree of*

**Bachelor of Engineering
in
Computer Science & Engineering
Submitted by**

Shaik Neha Hussain	1KG17CS075
Shiva N.	1KG17CS080
Shruthi G S.	1KG17CS084
Srinivas Sahani	1KG17CS092

Under the Guidance of

Ms. R S Geethanjali
Assistant Professor
Department of CSE
KSSEM, Bengaluru



Department of Computer Science & Engineering
K.S. School of Engineering and Management
No. 15, Mallasandra, off Kanakapura Road, Bengaluru-560109