



**CHEBROLU ENGINEERING COLLEGE(HU)::CHEBROLU  
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**

Program name	Program code	Name of the Course that include experiential learning through project work/field work/internship	Course code	Year of offering	Name of the student studied course on experiential learning through project work/field work/internship
CSE	B.Tech	Stock Market Trend Using KNN	CSE	2020-21	GOTTIPATI LAKSHMIPRIYA
CSE	B.Tech		CSE	2020-21	SUGGUNA MEGHANA
CSE	B.Tech		CSE	2020-21	KUNDETI PURNIMA
CSE	B.Tech		CSE	2020-21	DEVARAPALLI SUPRIYA
CSE	B.Tech		CSE	2020-21	SHAIK LAVANYA
CSE	B.Tech	BIG MART SALES DATASET DISCOVERY USING MACHINE LEARNING TECHNIQUES MACHINE LEARNING	CSE	2020-21	MOPARTHI SAI KEERTHI
CSE	B.Tech		CSE	2020-21	NALAMOLU JYOTHIRGAMAYA
CSE	B.Tech		CSE	2020-21	KATRAGADDA TRIVENI
CSE	B.Tech		CSE	2020-21	VEDANTAM JWALINI VENKATA
CSE	B.Tech		CSE	2020-21	KOLLA MANJULA
CSE	B.Tech	Generating wikipedia by summarizing long sequences	CSE	2020-21	DOPPALAPUDI LAKSHMI SOWJANYA
CSE	B.Tech		CSE	2020-21	GUGGILAM LAKSHMI SAI
CSE	B.Tech		CSE	2020-21	KALAKONDA NAGA RAMYASRI
CSE	B.Tech		CSE	2020-21	BOLISSETTY LAKSHMI CHAITANYA
CSE	B.Tech	Use of artificial neural networks to identify fake profiles	CSE	2020-21	BOLLU LAKSHMI BHARATHI
CSE	B.Tech		CSE	2020-21	DORAGACHARLA HEMA
CSE	B.Tech		CSE	2020-21	KASETI SAI SOWMYA
CSE	B.Tech		CSE	2020-21	GANDRU RAMYA
CSE	B.Tech	Face Emotion Based Music Recommendation System	CSE	2020-21	VEJALLA NAVYA
CSE	B.Tech		CSE	2020-21	INTURU HARSHASRI
CSE	B.Tech		CSE	2020-21	KOMMALAPATI MOUNIKA
CSE	B.Tech		CSE	2020-21	PAREPALLI DHANA KEERTHI
CSE	B.Tech	Analysis of Women Safety in Indian Cities Using Machine Learning on Tweets	CSE	2020-21	GADDE SANDHYA
CSE	B.Tech		CSE	2020-21	KURETI SUREKHA
CSE	B.Tech		CSE	2020-21	VALLAMSETTY NAGA LAKSHMI
CSE	B.Tech		CSE	2020-21	PATHURI KEERTHI

CSE	B.Tech	Normalization of duplicate records from multiple sources	CSE	2020-21	BOLLIDI MANEESHA
CSE	B.Tech		CSE	2020-21	MADDALA YASASWINI
CSE	B.Tech		CSE	2020-21	BANDREDDI VYSHNAVI
CSE	B.Tech		CSE	2020-21	BETHAPUDI HALASA
CSE	B.Tech	A secure g-cloud-based framework for government healthcare services	CSE	2020-21	GUGGILAM AMRUTHAVALLI
CSE	B.Tech		CSE	2020-21	MUVVA NAGA POOJITHA
CSE	B.Tech		CSE	2020-21	MAJETI BHAGYASRI
CSE	B.Tech		CSE	2020-21	KUNAMNENI NIKHITHA
CSE	B.Tech	Health Monitoring on Social Media over Time	CSE	2020-21	DEVARAPALLI DIVYASRI
CSE	B.Tech		CSE	2020-21	GUDDETI SWAPNA
CSE	B.Tech		CSE	2020-21	BOLISSETTY BALA TRIPURA
CSE	B.Tech		CSE	2020-21	JAKKAMPUDI NAVYA SRI
CSE	B.Tech	Spammer Detection and Fake User Identification on Social Networks	CSE	2020-21	BONTHALA NAGA LAKSHMI SAILAJA
CSE	B.Tech		CSE	2020-21	GOWRIPATNAM VASANTHI
CSE	B.Tech		CSE	2020-21	PANGULURI MOUNIKA
CSE	B.Tech		CSE	2020-21	DILFAA KHAN
CSE	B.Tech	Efficient resource allocation for on demand mobile edge cloud computing	CSE	2020-21	CHINTALA APARNA
CSE	B.Tech		CSE	2020-21	MAKKAPATI KAVITHA
CSE	B.Tech		CSE	2020-21	SHAIK SHAMEELA
CSE	B.Tech		CSE	2020-21	SAYEMPU HEMASRISRAVYA
CSE	B.Tech	A DATA MINING BASED MODEL FOR DETECTION OF FRAUDULENT BEHAVIOUR IN WATER CONSUMPTION	CSE	2020-21	GURUJALA SAIGAYATHRI
CSE	B.Tech		CSE	2020-21	ARADHYULA GNANA RAGA SRI
CSE	B.Tech		CSE	2020-21	CHIRUMAMILLA LAKSHMI
CSE	B.Tech		CSE	2020-21	THOKALA PRATHYUSHA
CSE	B.Tech	E-ASSESSMENT USING IMAGE PROCESSING IN EXAMS	CSE	2020-21	RUPA PRIYANKA PINAPALA
CSE	B.Tech		CSE	2020-21	CHEEDALLA PAVANI SAI
CSE	B.Tech		CSE	2020-21	OBULA REVATHI
CSE	B.Tech		CSE	2020-21	PATHURI KAVYA
CSE	B.Tech	Trust-based Collaborative Privacy Management in Online Social Networks	CSE	2020-21	NEERUKONDA HARIKA
CSE	B.Tech		CSE	2020-21	SUDI LAKSHMI PRIYANKA
CSE	B.Tech		CSE	2020-21	MOHAMMAD RESHMA
CSE	B.Tech		CSE	2020-21	DAMERLA VARSHITHA
CSE	B.Tech		CSE	2020-21	SYED KARISHMA

CSE	B.Tech	A Distributed Trust Evaluation Protocol with Privacy Protection for Intercloud	CSE	2020-21	THUMATI REVATHI
CSE	B.Tech		CSE	2020-21	CHEEMAKURTHI SURYA TEJA
CSE	B.Tech		CSE	2020-21	GARLAPATI KRISHNAVENI
CSE	B.Tech	A Three-Layer Privacy Preserving Cloud Storage Scheme Based on Computational Intelligence in Fog Computing	CSE	2020-21	TALACHEERU RAJESH
CSE	B.Tech		CSE	2020-21	POTHANA DILEEPKUMAR
CSE	B.Tech		CSE	2020-21	DARAPANENI CHENNA RAYUDU
CSE	B.Tech	Novel Multi Keyword Search on Encrypted Data in the Cloud	CSE	2020-21	PUPPALA MADHUSUDHAN RAO
CSE	B.Tech		CSE	2020-21	PILLAKATHUPU VAMSI
CSE	B.Tech		CSE	2020-21	CHUKKA ANIL
CSE	B.Tech	Automating E-Government using AI	CSE	2020-21	PILLAKATHAPU KOTESWARA RAO
CSE	B.Tech		CSE	2020-21	GUNTIKA NARA CHANDRA SEKHAR
CSE	B.Tech		CSE	2020-21	SHAIK ISHAAQ
CSE	B.Tech	Detection of Suicide Related Posts	CSE	2020-21	KOTA NAGA VENKATA JAYARAM
CSE	B.Tech		CSE	2020-21	PONNAGANTI SAI SUJITH
CSE	B.Tech		CSE	2020-21	GUDIVADA VIJAY KUMAR
CSE	B.Tech	Face mask detection using AI through python	CSE	2020-21	ABBURI VENUGOPALA KRISHNA
CSE	B.Tech		CSE	2020-21	PATTELLA VENKATA SAI KRISHNA
CSE	B.Tech		CSE	2020-21	DUGGEMPUDI SRIKANTH
CSE	B.Tech	Filtering Instagram hashtags through crowdtagging and the HITS algorithm	CSE	2020-21	NARAMSETTY SHANMUKHA SAI
CSE	B.Tech		CSE	2020-21	YEMINENI ABHISHEK BABU
CSE	B.Tech		CSE	2020-21	BADUGU NOMU SAI
CSE	B.Tech	Crime data analysis and prediction of perpetrator identity using Machine learning approach	CSE	2020-21	GUDA JASHWANTH
CSE	B.Tech		CSE	2020-21	VARIKUTI GOPI CHAND
CSE	B.Tech		CSE	2020-21	BANDARUPALLI PRAVEEN KRISHNA
CSE	B.Tech	A Data Sharing Protocol to Minimize Security and Privacy	CSE	2020-21	CHALLA V CHALAMESWARA RAO
CSE	B.Tech		CSE	2020-21	SARIPUDI VAMSIKRISHNA
CSE	B.Tech		CSE	2020-21	NAMBURI NARESH
CSE	B.Tech		CSE	2020-21	VATTIPROLU BALASURENDRA
CSE	B.Tech		CSE	2020-21	PARITALA SRIKANTH
CSE	B.Tech		CSE	2020-21	SHAIK SAIF AKRAM
CSE	B.Tech		CSE	2020-21	RAVURU SAI KRISHNA
CSE	B.Tech		CSE	2020-21	KAMBHAMPATI VEERANDRA
CSE	B.Tech		CSE	2020-21	SWARNA RAJESH

CSE	B.Tech	Risks of Cloud Storage in Big Data Era	CSE	2020-21	SHOLA CHANDRA SEKHAR
CSE	B.Tech		CSE	2020-21	ERUVURI SAI CHARAN REDDY

# **NOVEL MULTI-KEYWORD ON ENCRYPTED IN THE CLOUD**

**A PROJECT REPORT**

Submitted to the

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

In partial fulfillments of the requirements

For the award of the degree

**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE & ENGINEERING**

By

PILLAKATHUPU, VAMSI-17HU1A0575, GUNTIKA, NARA, CHANDRA SEKHAR  
17HU1A0539, CHUKKA, ANIL-17HU1A0519, PILLAKATHUPU, KOTESWARA RAO-  
17HU1A0574

*Under the Esteemed Guidance of*  
KVR SIR



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)

Chebrolu, Guntur (D), A.P – 522212 July 2021



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**CHEBROLU ENGINEERING COLLEGE**

(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)  
Chebrolu, Guntur (D), A.P – 522212

**CERTIFICATE**

This is to certify that the Project report entitled "NOVEL MULTI-KEYWORD SEARCH ON ENCRYPTED IN THE CLOUD" is the Bonafede record submitted by PILLAKATHUPU VAMSI (17HU1A0575), GUNTIKA NARA CHANDRA SEKHAR (17HU1A0539), CHUKKA ANIL (17HU1A0519), PILLUKATHUPU KOTESWARA RAO (17HU1A0574) of IV Year II Semester in the department of Computer Science & Engineering for the A.Y. 2020-21

KVR SIR

Project Supervisor

Department of CSE, CHEC

Head of the Department (HOD)  
V. Dinesh Babu, MTech (Ph.D)



## ABSTRACT

Searching on encrypted data has become a very important technique in cloud computing. Such searches enable the data owner to search on the encrypted data stored on the cloud without leaking any information. To obtain a better search experience, researchers have proposed many schemes which mainly focus on conjunctive and disjunctive keyword searches. However, a conjunction of all the keywords may result in very few results, whereas a disjunction will return too many results. With the current schemes, customizing the relevancy of the keywords to obtain the desired results is difficult. To solve these problems, we propose a novel scheme that supports the search with the user specified number of keywords contained in the search result. This number  $n$  can be used to customize the keyword relevancy. As a result, the data owner could obtain the desired search results containing any  $n$  keywords of a keyword set. The proposed scheme also supports the traditional disjunctive and conjunctive keyword searches when  $n$  equals 1 or the size of the keyword set, respectively. The keyword could be positive or negative. We first formally define its security, then prove that the proposed scheme is secure against the adaptive chosen keyword attack in the standard model and can defend against the offline keyword guessing attack to some extent. Furthermore, we present a theoretical performance comparison with other schemes, as well as the experimental performance evaluations on our implemented scheme.

# **Crime Data Analysis and Prediction of Perpetrator Identity Using Machine Learning Approach**

**A PROJECT REPORT**

Submitted to the

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

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE & ENGINEERING**

By

**V.BALA SURENDRA-17HU1A0598, P.SRIKANTH-17HU1A0570,**

**R.SAI KRISHNA-17HU1A05A4, SK.SAIF AKRAM-17HU1A0585**

*Under the Esteemed Guidance of*

**SAYYED NAGUAL MEERA (sir).**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212,**

**July 2021**





**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**CHEBROLU ENGINEERING COLLEGE**

(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)

**Chebrolu, Guntur (D), A.P – 522212,**

**July 2021**

**CERTIFICATE**

This is to certify that the Project report entitled " **Crime Data Analysis and Prediction of Perpetrator Identity Using Machine Learning Approach**" is the Bonafide record submitted by **V.BALA SURENDRA -17HU1A0598, P.SRIKANTH -17HU1A0570, R.SAI KRISHNA-17HU1A05A4, SK.SAIF AKRAM-17HU1A0585** of IV Year II Semester in the department of Computer Science & Engineering for the A.Y. 2020-21

*Sd. Nagul Meera*  
**NAGUL MEERA (sir)**  
Project Supervisor

*V. Dinesh Babu*  
**Head of the Department (HOD)**  
**V. Dinesh Babu, M Tech (PhD)**  
**Department of CSE, CHEC**

## ABSTRACT

Crime is one of the most predominant and alarming aspects in our society and its prevention is a vital task. Crime analysis is a systematic way of detecting and investigating patterns and trends in crime. The aim of this model is to increase the efficiency of crime investigation systems. This model detects crime patterns from inferences collected from the crime scene and predicts the description of the perpetrator who is likely suspected to commit the crime. This work has two major aspects: Crime Analysis and Prediction of perpetrator identity. The Crime Analysis phase identifies the number of unsolved crimes, and analyses the influence of various factors like year, month, and weapon on the unsolved crimes. The prediction phase estimates the description of the perpetrators like, their age, sex and relationship with the victim. These predictions are done based on the evidences collected from the crime scene. The system predicts the description of the perpetrator using algorithms like, Multilinear Regression, K- Neighbors Classifier and Neural Networks. It was trained and tested using San Francisco Homicide dataset (1981-2014) and implemented using python.

# **FILTERING INSTAGRAM HASHTAGS THROUGH CROWDTAGGING AND THE HITS ALGORITHM**

Project report  
Submitted to the

**DEPARTMENT OF COMPUTER SCIENCE& ENGINEERING**

In partial fulfillment of the requirements

For the award of the degree

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE& ENGINEERING**

By

**CHALLA V CHALAMESHWARARAO(17HU1A0514) BANDURUPALI PRAVEEN  
KRISHNA(17HU1A0506) SARIPUDI VAMSI KRISHNA(17HU1A0580) NAMBURI  
NARESH(17HU1A0514)**

*Under the Esteemed Guidance of*

*O T GOPI KRISTNA CSE*



**DEPARTMENT OF COMPUTER SCIENCE& ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212**

**July 2021**



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(Approved by AICTE, Affiliated to the JNTUK, Kakinada,  
A.P)

Chebrolu, Guntur (D), A.P – 522212

**CERTIFICATE**

This is to certify that the Project report entitled **FILTERING INSTAGRAM HASHTAGS  
THROUGH CROWDTAGGING AND THE HITS ALGORITHM** is the Bonafide record submitted  
by Mr. CHALLA V CHALAMESHWARARAO(17HU1A0514) BANDURUPALI PRAVEEN  
KRISHNA(17HU1A0506) SARIPUDI VAMSI KRISHNA(17HU1A0580) NAMBURI  
NARESH(17HU1A0514) of IV Year II Semester in the department of Computer  
Science & Engineering for the A.Y. 2020-21

**Project guide:**

**O T GOPI KRISHNA  
CSE DEPARTMENT**

**Head of the Department(HoD)**

**V.Dinesh Babu, M.Tech (Ph.D)  
Department of CSE  
CHEC**

**External Examiner**



## **ABSTRACT**

Instagram is a rich source for mining descriptive tags for images and multimedia in general. The tags-image pairs can be used to train automatic image annotation (AIA) systems in accordance with the learning by example paradigm. In previous studies we had concluded that, on average, 20% of the Instagram hashtags are related to the actual visual content of the image they accompany, i.e., they are descriptive hashtags, while there are many irrelevant hashtags, i.e., stop-hashtags, that are used across totally different images just for gathering clicks and for searchability enhancement. In this work, we present a novel methodology, based on the principles of collective intelligence, that helps locating those hashtags. In particular, we show that the application of a modified version of the well known HITS algorithm, in a

**Detection of Suicide related posts**

**A PROJECT REPORT**

Submitted to the

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

In partial fulfillment of the requirements

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**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE & ENGINEERING**

By

**ABBURI VENU GOPALA KRISHNA-17HU1A0501, PATTELLA VENKATA SAI  
KRISHNA-17HU1A0573, DUGGEMPUDI SRIKANTH-17HU1A0528**

**NARAMSETTY SHANMUKHA SAI-17HU1A0564**

*Under the Esteemed Guidance of*

**CH.MASTHAN RAO, M.Tech(Ph.D)**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada ,A.P)**

**Chebrolu, Guntur (D), A.P – 522212, July 2021**





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A.P)

**Chebrolu, Guntur (D), A.P – 522212**

**CERTIFICATE**

This is to certify that the Project report entitled "**Detection of Suicide related posts**" is the Bonafide record submitted by **Mr.ABBURI VENU GOPALA KRISHNA - 17HU1A0501, PATTELLA VENKATA SAI KRISHNA - 17HU1A0573, DUGGEMPUDI SRIKANTH - 17HU1A0528, NARAMSETTY SHANMAUKHA SAI - 17HU1A0564** of IV Year II Semester in the department of Computer Science & Engineering for the A.Y. 2020-21

  
**Project Guide**

**CH.MASTHAN RAO, M.Tech(Ph.D)**

Department of CSE  
CHEC

  
**Head of the Department(HOD)**

**V.Dinesh Babu, M.Tech (Ph.D)**

Department of CSE  
CHEC

**External Examiner**

# **SPAMMER DETECTION AND FAKE USER IDENTIFICATION ON SOCIAL NETWORKS**

**A PROJECT REPORT**

Submitted to the

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

In partial fulfillments of the requirements

For the award of the degree

**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE & ENGINEERING**

By

**DILFAA KHAN(17HU1A0524)**

**BONTHALA NAGALAKSHMI SAILAJA(17HU1A0513)**

**GOWRIPATNAM VASANTHI(18HU5A0501)**

**PANGULURI MOUNIKA(17HU1A0568)**

*Under the Esteemed Guidance of*

**DR.BHATHUKURI BHAVANI**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

(Approved by AICTE, Affiliated to the JNTU/K, Kakinada, A.P)

**Chebrolu, Guntur (D), A.P – 522212**

**July 2021**

## ACKNOWLEDGEMENT

to & Principal **Dr. R.V Krishnaiah**, Chebrolu  
for carrying out this seminar

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seminar.

RECORDS FROM MULTIPLE SOURCES

**M. Tech. (Ph.D)** Department of  
Education and motivation.

**DILFAA KHAN(17HU1A0524)**

**KURIBAHAVANI**

**Ms.BONTHALA NAGALAKSHMI SAILAJA(17HU1A0513)**

enthusiasm and

**GOWRIPATNAM.VASANTHI(18HU5A0501)**

Finance &

**PANGULURL.MOUNIKA(17HU1A0568)**

Finance

of IV Year II Semester in the department of Computer Science & Engineering  
2020-21

  
Project Guide

**BHATHUKURIBHAVANI**  
M.Tech (Ph.D)

  
Head of the Department(HoD),  
**V.Dinesh Babu,**

Department of CSE  
CHEC

  
Internal Examiner

External Examiner



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
CHEBROLU ENGINEERING COLLEGE  
(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)  
Chebrolu, Guntur (D), A.P – 522212

### CERTIFICATE

This is to certify that the Project report entitled "NORMALIZATION OF DUPLICATE RECORDS FROM MULTIPLE SOURCES" is the Bonafide record submitted by

**DILFAA KHAN(17HU1A0524)**

**Ms.BONTHALA NAGALAKSHMI SAILAJA(17HU1A0513)**

**GOWRIPATNAM VASANTHI(18HU5A0501)**

**PANGULURL MOUNIKA(17HU1A0568)**

of IV Year II Semester in the department of Computer Science & Engineering for the A.Y.  
2020-21

  
**Project Guide**

**BHATHUKURIBHAVANI**  
M.Tech (Ph.D)

  
**Head of the Department(HoD)**

**V.Dinesh Babu,**

Department of CSE  
CHEC

  
**Internal Examiner**

**External Examiner**

#### ABSTRACT:

Social networking sites engage millions of users around the world. The users' interactions with these social sites, such as Twitter and Facebook have a tremendous impact and occasionally undesirable repercussions for daily life. The prominent social networking sites have turned into a target platform for the spammers to disperse a huge amount of irrelevant and deleterious information. Twitter, for example, has become one of the most extravagantly used platforms of all times and therefore allows an unreasonable amount of spam. Fake users send undesired tweets to users to promote services or websites that not only affect legitimate users but also disrupt resource consumption. Moreover, the possibility of expanding invalid information to users through



# **TRUST BASED PRIVACY PRESERVING PHOTO SHARING IN SOCIAL NETWORKS**

**A SOCIALLY RELEVANT PROJECT REPORT**

Submitted to the

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

In partial fulfillments of the requirements

For the award of the degree

**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE & ENGINEERING**

By

**N.HARIKA(17HU1A0565)  
S.LAKSHMI PRIYANKA(17HU1A0588)  
MD.RESHMA(17HU1A0560)  
D.VARSHITHA(17HU1A0520)**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212**

**July 2021**





**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**CHEBROLU ENGINEERING COLLEGE**  
(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)  
Chebrolu, Guntur (D), A.P – 522212

**CERTIFICATE**

This is to certify that the Socially Relevant Project report entitled "**TRUST BASED PRIVACY PRESERVING PHOTO SHARING IN SOCIAL NETWORKS**" is the Bonafide record submitted by **Ms.N.HARIKA(17HU1A0565),S.LAKSHMI PRIYANKA(17HU1A0588),MD.RESHMA(17HU1A0560),D.VARSHITHA(17HU1A0520)** of II Year II Semester in the department of Computer Science & Engineering for the A.Y. 2020-21

  
Project Supervisor

  
Head of the Department(HoD)

**V.Dinesh Babu, M.Tech (Ph.D)**

Department of CSE

CHEC

## ABSTRACT

With the development of social media technologies, sharing photos in online social networks has now become a popular way for users to maintain social connections with others. However, the rich information contained in a photo makes it easier for a malicious viewer to infer sensitive information about those who appear in the photo. How to deal with the privacy disclosure problem incurred by photo sharing has attracted much attention in recent years. When sharing a photo that involves multiple users, the publisher of the photo should take into all related users' privacy into account. In this paper, we propose a trust-based privacy preserving mechanism for sharing such co-owned photos. The basic idea is to anonymize the original photo so that users who may suffer a high privacy loss from the sharing of the photo cannot be identified from the anonymized photo. The privacy loss to a user depends on how much he trusts the receiver of the photo. And the user's trust in the publisher is affected by the privacy loss. The anonymization result of a photo is controlled by a threshold specified by the publisher. We propose a greedy method for the publisher to tune the threshold, in the purpose of balancing between the privacy preserved by anonymization and the information shared with others. Simulation results demonstrate that the trust-based photo sharing mechanism is helpful to reduce the privacy loss, and the proposed threshold tuning method can bring a good payoff to the user.

**NORMALIZATION OF DUPLICATE RECORDS FROM  
MULTIPLE SOURCES**

**A PROJECT REPORT**

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IN

**COMPUTER SCIENCE & ENGINEERING**

By

**B.MANEESHA (17HU1A0511)**

**M.YASASWINI NAGA VANITHA (17HU1A0556)**

**B.HALASA (17HU1A0508)**

**B.VYSHNAVI (17HU1A0507)**

*Under the Esteemed Guidance of*

**SAYYED NAGULMEERA, PROFESSOR**

**M.TECH(PH.D)**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212**

**July 2021**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212, July 2021**

### **CERTIFICATE**

This is to certify that the Project report entitled "**NORMALIZATION OF DUPLICATE RECORDS FROM MULTIPLE SOURCES**" is the Bonafide record submitted by **Ms. B.MANEESHA(17HU1A0511), M.YASASWININAGAVANITHA(17HU1A0556), B.HALASA (17HU1A0508), B.VYSHNAVI(17HU1A0507)** of IV Year II Semester in the department of Computer Science & Engineering for the A.Y. 2020-21.

**Project Guide**

**Head of the Department(HoD)**

**V.Dinesh Babu, M.Tech (Ph.D)**  
Department of CSE  
CHEC

**External Examiner**



## ABSTRACT

Data solidification is a difficult trouble in facts coordination. The rate of information increments While it's far associated and intertwined with different information from diverse assets. The assure of big information pivots after tending to 3 critical information reconciliation challenge, as an example, file linkage at scale, everyday information aggregate, and cooperating Deep internet. Albeit a good buy work has been led on those problems, there is constrained paintings on creating a uniform, well known record from a gathering of data regarding a comparable certifiable detail. We allude to this venture as document standardization. One of these record portrayal, began Standardized report, is sizable for every the front-quit and once more-stop programs. On this Paper, we formalize the record standardization trouble, present inner and out research of Standardization granularity levels (e.G., everyday as opposed to entire). We advice a complete shape for processing the standardization record. The proposed device includes a wholesome of document standardization strategies, from harmless ones, to complex methods, which spherical the sector mine a gathering of replica statistics earlier than selecting an incentive for a belongings of a standardized file. We directed enormous observational examinations with all the proposed techniques. We exhibit the short comings and capabilities of each taken into consideration one in every of them and prescribe the ones to be applied practically taking.

# **FACE MASK DETECTION USING AI THROUGH PYTHON**

## **A PROJECT REPORT**

Submitted to the

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

In partial fulfillments of the requirements

For the award of the degree

**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE & ENGINEERING**

By

**YEMINENI ABHISHEK BABU - 17HU1A05A2, GUDA JASHWANTH - 17HU1A0534**

**BADUGU NOMU SAI - 17HU1A0505, VARIKUTI GOPI CHAND - 17HU1A0597**

*Under the Esteemed Guidance of*

**V DINESH BABU, HOD, M.Tech, (Ph.D)**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212, July 2021**





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(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)

**Chebrolu, Guntur (D), A.P – 522212**

### **CERTIFICATE**

This is to certify that the Project report entitled "**FACE MASK DETECTION USING AI THROUGH PYTHON**" is the Bonafide record submitted by **Mr.YEMINENI ABHISHEK BABU(17HU1A05A2),GUDA JASHWANTH(17HU1A0534),BADUGU NOMU SAI (17HU1A0505),VARIKUTI GOPI CHAND(17HU1A0597)** of IV Year II Semester in the department of Computer Science & Engineering for the A.Y. 2020-21

*V. Dinesh Babu*

**Project Guide**

**V.Dinesh Babu, M.Tech (Ph.D)**  
Department of CSE  
CHEC

*V. Dinesh Babu*

**Head of the Department(HoD)**

**V.Dinesh Babu, M.Tech (Ph.D)**  
Department of CSE  
CHEC

**External Examiner**

## ABSTRACT

surveillance has become an active research topic. Video analytics enhance video surveillance systems by performing tasks of real time event detection and post-event analysis. This can save human resources, cost and increase the effectiveness of the surveillance system operation. One of the common requirements of Video Analytics for security is to detect presence of a masked person automatically. In this paper, we propose a technique for masked face detection using four different steps of estimating distance from camera, eye line detection, facial part detection and eye detection. The paper outlines the principles used in each of these steps and the use of commonly available algorithms of people detection and face detection. This unique approach for the problem has created a method simpler in complexity thereby making real time implementation feasible. Analysis of the algorithm's performance on test video sequences gives useful insights to further improvements in the masked face detection performance.

# **E-ASSESSMENT USING IMAGE PROCESSING IN EXAMS**

## **A PROJECT REPORT**

Submitted to the

## **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

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

**BACHELOR OF TECHNOLOGY  
IN  
COMPUTER SCIENCE & ENGINEERING**  
By  
**RUPA PRIYANKA PINAPALA (17HU1A0579)**

**CHEEDALLA PAVANI SAI (17HU1A0515)**

**OBULA REVATHI (17HU1A0567)**

**PATHURI KAVYA (17HU1A0571)**

*Under the Esteemed Guidance of*

**V.DINESH BABU, HEAD OF THE DEPARTMENT (HOD),  
M.TECH (Ph.D)**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
CHEBROLU ENGINEERING COLLEGE**

(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)  
Chebrolu, Guntur (D), A.P – 522212

July 2021



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
CHEBROLU ENGINEERING COLLEGE**

(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)

Chebrolu, Guntur (D), A.P – 522212

July 2021

**CERTIFICATE**

This is to certify that the Project report entitled "E-ASSESSMENT USING IMAGE PROCESING IN ∞EXAMS" is the Bonafide record submitted by **Ms. RUPA PRIYANKA PINAPALA(17HU1A0579), CHEEDALA PAVANI SAI(17HU1A0515), OBULA REVATHI(17HU1A0567), PATHURI KAVYA(17HU1A0571)** of IV Year II Semester in the department of Computer Science&Engineering for the A.Y. 2020-21

*V. Dinesh Babu*

**Project Guide**

V.DineshBabu, M.Tech (Ph.D)

Department of CSE

CHEC

*V. Dinesh Babu*

**Head of the Department(HoD)**

V.Dinesh Babu,M.Tech(Ph.D)

Department of CSE

CHEC

**External Examiner**



## ABSTRACT

This paper features a software system called  $\infty$ Exams (Infinity Exams) which supports (primarily in higher education) paper-based examination and makes it easier, more comfortable and speeds up the whole process while keeping every single positive attribute of it but also reducing the number of negative aspects. The approach significantly differs from the ones used in the previous 10+ years which were implemented in such a way that they could not reproduce and replace the traditional paper-based examination model. The heart of the article relies on the most important element of the software which is the image processing flow. The way of conducting testing the knowledge of a person using Multiple Choice Questions (MCQ) has been increased gradually. In Educational industries (like schools and colleges) it is more common now days having tests using multiple choice questions. Even in conducting interviews it is used. Current day scenario is either using OMR technology to correct the test or manually. In real-time it is quite difficult to have OMR at all the time and manually it is highly taking the time to correct and it may give you the error. We address this issue, in our proposed system we using digital image processing technique to correct the answer using multi choice question in python. We are here using Open Source Computer Vision Library(Open CV) to process and correct the answer. Python is the best language to implement this concept with the available Open CV library. In this system we also implement in the django environment.

# **AUTOMATING E-GOVERNMENT USING AI**

## **A PROJECT REPORT**

Submitted to the

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

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

**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE & ENGINEERING**

By

**SHAIK ISHAAQ-17HU1A0582, KOTA NAGA VENKATA JAYARAM -17HU1A0551  
PONNAGANTI SAI SUJITH -17HU1A0576, GUDIVADA VIJAY KUMAR -17HU1A0536**

Under the Esteemed Guidance of  
**KIRAN SIR**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212 July 2021**





**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212**

### **CERTIFICATE**

This is to certify that the Project report entitled "AUTOMATING E-GOVERNMENT USING AI" is the Boniface record submitted by **SHAIK ISHAAQ (17HU1A0582), KOTA NAGA VENKATA JAYARAM (17HU1A0551), PONNAGANTI SAI SUJITH (17HU1A0576), GUDIVADA VIJAY KUMAR (17HU1A0536)** of IV Year II Semester in the department of Computer Science & Engineering for the A.Y. 2020-21

**KIRAN SIR**

**Project Supervisor**

**Head of the Department (HOD)**

**V. Dinesh Babu, M Tech (PhD)**

**Department of CSE, CHEC**

## **ABSTRACT**

Artificial Intelligence (AI) has recently advanced the state-of-art results in an ever-growing number of domains. However, it still faces several challenges that hinder its deployment in the e-government applications-both for improving the e-government systems and the e-government-citizens interactions. In this paper, we address the challenges of e-government systems and propose a framework that utilizes AI technologies to automate and facilitate e-government services. Specifically, we first outline a framework for the management of e-government information resources. Second, we develop a set of deep learning models that aim to automate several e-government services. Third, we propose a smart e-government platform architecture that supports the development and implementation of AI applications of e-government. Our overarching goal is to utilize trustworthy AI techniques in advancing the current state of e-government services in order to minimize processing times, reduce costs, and improve citizens' satisfaction.

**A PROJECT REPORT ON  
FACE EMOTION BASED MUSIC RECOMMENDATION SYSTEM**

Submitted to the  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

In partial fulfillments of the requirements

For the award of the degree

**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE & ENGINEERING**

By

**VEJALLA NAVYA(17HU1A05A0)**

**INTURU HARSHA SRI(17HU1A0541)**

**KOMMALAPATI MOUNIKA(17HU1A0549)**

**PAREPALLI DHANA KEERTHI(17HU1A0569)**

*Under the Esteemed Guidance of*

**V.Dinesh babu ,M.Tech (Ph.D)**

**Asst.Professor**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212**

**July 2021**



## CHEBROLU ENGINEERING COLLEGE

(Approved By AICTE, Affiliated to JNTUK, Kakinada, A.P)

CHEBROLU(P.O&M.D), GUNTUR (Dt.), A.P-522 212

### CERTIFICATE

This is certify that the project report entitled "FACE EMOTION BASED MUSIC RECOMMENDATION SYSTEM " is the bonafide record submitted by **Ms.VEJALLA NAVYA(17HU1A05A0)**,**INTURU HARSHA SRI(17HU1A0541)**,**KOMMALAPATI MOUNIKA(17HU1A0549)**,**PAREPALLI DHANA KEERTHI(17HU1A0569)** and team members in partial fulfillment of the requirements for the Award of the Degree of Bachelor of Technology, in Computer Science and Engineering from the **CHEBROLU ENGINEERING COLLEGE,CHEBROLU.**

*V. Dinesh Babu*

Project Guide

V.Dinesh Babu M.Tech(Ph.D)

Dept of CSE

CHEC

*V. Dinesh Babu*

Head of the department

V.Dinesh Babu ,M.Tech(Ph.D)

Dept of CSE

CHEC

External Examiner



## ABSTRACT

Human emotion plays a vital role in recent times. Emotion is based on human feelings which can be both expressed or not. Emotion expresses the human's individual behavior which can be in different forms. Extraction of the emotion states human's individual state of behaviour. The objective of this project is to extract feature from human face and detect emotion. And to play music according to the emotion detected. Nowadays, music platforms provide easy access to large amounts of music. They are working continuously to improve music organization and search management thereby addressing the problem of choice and simplify exploring new music pieces. Recommendation systems gain more and more popularity and help people to select appropriate music for all occasions. However, there is still a gap in personalization and emotions driven recommendations. Music has a great influence on humans and is widely used for relaxing, mood regulation, destruction from stress and diseases, to maintain mental and physical work. There is a wide range of clinical settings and practices in music therapy for wellbeing support. This paper will present the design of the personalized music recommendation system, driven by listener feelings, emotions and activity contexts. With a combination of artificial intelligence technologies and generalized music therapy approaches, a recommendation system is targeted to help people with music selection for different life situations and maintain their mental and physical conditions.

**KEYWORDS:** Emotion Recognition, Music recommendation, Facial Extraction.



# **Big Mart Sales Dataset Discovery Using Machine Learning**

## **A PROJECT REPORT**

Submitted to the

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

In partial fulfillments of the requirements

For the award of the degree

**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE & ENGINEERING**

By

**M SAI KEERTHI (17HU1A0561)**

**N. JYOTHIRGAYAMAYA (18HU5A0502)**

**K. TRIVENI (17HU1A0547)**

**V. JWALINI VENKATA DIVYASRI (17HU1A0599)**

**K. MANJULA (17HU1A0548)**

*Under the Esteemed Guidance of*

**GUIDE NAME, DESIGNATION,**

**QUALIFICATION**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212**

**July 2021**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212**

### **CERTIFICATE**

This is to certify that the Project report entitled "**BIG MART SALES DATASET DISCOVERY USING MACHINE LEARNING TECHNIQUES**" is the Bonafide record submitted by **M. SAI KEERTHI (17HU1A0561)** **N.JYOTHIRGAMAYA(18HU5A0502)** **K.TRIVENI (17HU1A0547)** **V.JWALINI VENKATA DIVYASRI (17HU1A0599)** **K. MANJULA (17HU1A0548)** of IV Year II Semester in the department of Computer Science & Engineering for the A.Y. 2020-21

*H. Sai Sakthi*

**Project Guide**

*V. Dinesh Babu*  
**Head of the Department(HoD)**

**V.Dinesh Babu, M.Tech (Ph.D)**  
**Department of CSE**  
**CHEC**

**External Examiner**

## ABSTRACT

Nowadays Online Shopping Websites like Amazon, FILPKART, etc.. keep the track of their sales data of each and every individual item for predicting future demand of the customer and update the inventory management as well. These data stores basically contain a large number of customer data and individual item attributes in a data warehouse. Further, anomalies and frequent patterns are detected by mining the data store from the data warehouse. The resultant data can be used for predicting future sales volume with the help of different machine learning techniques for the retailers like Online Stores. we propose a predictive model using Linear Regression, Random Forest Regression and KNN Algorithm for predicting the sales of a company like Online Stores and found that the model produces better performance as compared to existing models. A comparative analysis of the model with others in terms performance metrics is also explained in details.

The sales forecast is based on Online sales for various outlets to adjust the business model to expected out comes the resulting data can then be used to prediction potential sales volumes for retailers such as Online Shopping Websites through various machine learning methods. The estimate of the system proposed should take account of price tag, outlet and outlet location. A number of networks use the various machine- learning algorithms, such as linear regression, Random Forest Regression and KNN algorithm which offers an efficient prevision of Online sales based on gradient. At last, hyperparameter tuning is used to help you to choose relevant hyperparameters that make the algorithm shine and produce the highest accuracy

**A PROJECT REPORT ON**  
**A SECURE G-CLOUD-BASED FRAMEWORK**  
**FOR GOVERNMENT HEALTHCARE SERVICES**

Submitted to the  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

In partial fulfillments of the requirements

For the award of the degree

**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE & ENGINEERING**

By

**GUGGILAM AMRUTHAVALLI (17HU1A0537)**

**MUVVA NAGA POOJITHA (17HU1A0562)**

**MAJETI BHAGYASRI (17HU1A0557)**

**KUNAMNENI NIKHITHA (17HU1A0552)**

*Under the Esteemed Guidance of Dr.B.Bhavani*



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**CHEBROLU ENGINEERING COLLEGE**

(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)

**Chebrolu, Guntur (D), A.P – 522212**

**July 2021**





**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CHEBROLU ENGINEERING COLLEGE**

**(Approved by AICTE, Affiliated to the JNTUK, Kakinada, A.P)**

**Chebrolu, Guntur (D), A.P – 522212**

**CERTIFICATE**

This is to certify that the Project report entitled "**A SECURE G-CLOUD-BASED FRAMEWORK FOR GOVERNMENT HEALTHCARE SERVICES**" is the Bonafide record submitted by **Ms. GUGGILAM AMRUTHAVALLI (17HU1A0537), MUVVA NAGA POOJITHA (17HU1A0562), MAJETI BHAGYASRI (17HU1A0556), KUNAMNENI NIKHITHA (17HU1A0552)** of IV Year II Semester in the department of Computer Science & Engineering for the A.Y. 2020-21



**Project Guide**

**Dr.B.Bhavani**



**Head of the Department(HoD)**

**V.Dinesh Babu, M.Tech (Ph.D)**

**Department of CSE**

**CHEC**



**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**



## ABSTRACT

Within the literature, we have witnessed in the healthcare sector, the growing demand for and adoption of software development in the cloud environment to cope with and fulfill current and future demands in healthcare services. In this paper, we propose a flexible, secure, cost-effective, and privacy-preserved cloud-based framework for the healthcare environment. We propose a secure and efficient framework for the government EHR system, in which fine-grained access control can be afforded based on multi-authority ciphertext-policy attribute-based encryption (CP-ABE), together with a hierarchical structure, to enforce access control policies. The proposed framework will allow decision-makers in Saudi Arabia to develop the healthcare sector and to benefit from the existing e-government cloud computing platform "Yasser," which is responsible for delivering shared services through a highly efficient, reliable, and safe environment. This framework aims to provide health services and facilities from the government to citizens (G2C). Furthermore, multifactor applicant authentication has been identified and proofed in cooperation with two trusted authorities. The security analysis and comparisons with the related frameworks have been conducted.