



SRI VENKATESWARA

COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

List of Students Under taking Project /Work for the Academic Year 2022-2023

Program Name: COMPUTER SCIENCE ENGINEERING

PROJECT BATCH LIST 2022-2023

BATCH NO	REGISTER NUMBER	STUDENT NAME	PROJECT TITLE	NAME OF THE GUIDE
1	112420104009	S. Divya	Crime Prediction and analysis using machine learning	Ms. J.Sangeetha/CSE/AP
	112420104009	G. Kalaivani		
	112420104009	S. Renuka		
	112420104009	T. Hema		
2	112420104019	R. Ramya	Medicine Reminder Application	Mrs. S.Divya/CSE/AP
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	112420104305	P. Anu		
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CRIME PREDICTION AND ANALYSIS USING MACHINE LEARNING

ATHESIS MINI

PROJECT

Submitted by

S. Divya	(112420104009)
G. Kalaivani	(112420104009)
S. Renuka	(112420104009)
T. Hema	(112420104009)

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

Of

BACHELOR OF ENGINEERING COMPUTER SCIENCE AND ENGINEERING



**SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,
THIRUPACHUR**

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BONAFIDE CERTIFICATE

Certified that this project report titled "**CRIME PREDICTION AND ANALYSIS USING MACHINE LEARNING**" is the bonafide work of S.

Divya(112420104009)G. Kalaivani (112420104009)S. Renuka

(112420104009)T. Hema(112420104009)who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.



Signature of the HOD with date

Mr. E.Murali M.Tech.,
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**Signature of the Supervisor
with date**

Mrs.S.Divya
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EXTERNAL EXAMINER



Abstract

Predicting crime using machine learning and deep learning techniques has gained considerable attention from researchers in recent years, focusing on identifying patterns and trends in crime occurrences. This review paper examines over 150 articles to explore the various machine learning and deep learning algorithms applied to predict crime. The study provides access to the datasets used for crime prediction by researchers and analyzes prominent approaches applied in machine learning and deep learning algorithms to predict crime, offering insights into different trends and factors related to criminal activities. Additionally, the paper highlights potential gaps and future directions that can enhance the accuracy of crime prediction. Finally, the comprehensive overview of research discussed in this paper on crime prediction using machine learning and deep learning approaches serves as a valuable reference for researchers in this field. By gaining a deeper understanding of crime prediction techniques, law enforcement agencies can develop strategies to prevent and respond to criminal activities more effectively.




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MEDICINE REMINDER APPLICATION

A PROJECT REPORT

Submitted by

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APRIL 2022-2023



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ACKNOWLEDGEMENT

We are personally indebted to a number of people who gave us their useful insights to aid in our overall progress for this project. A complete acknowledgement would therefore be encyclopedic. First of all, we would like to give our deepest gratitude to our parents for permitting us to take up this course.

We extend our sincere gratitude to our respected **Chairman Dr.S.K.PURUSHOTHAMAN, Ph.D., Sri Venkateswara College of Engineering and Technology**, for providing facilities in the college premises for carrying out this project work.

We record our sincere thanks to **Dr.S.PALANI, M.E., (Ph.D.) Principal of Sri Venkateswara College of Engineering and Technology**, for his encouragement to do this project.

We express our sincere thanks to **Mr.E.MURALI, M.Tech., Head of the Department, Computer Science and Engineering**, for his encouragement to do this project.

We express our thanks to our **Internal Guide Mrs. S.DIVYA, M.E.**, for her encouragement and valuable guidance to complete the project successfully.

We express our sincere thanks to our entire department faculty for their encouragement to do this project




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Abstract

In the prevention and control of disease in older people, particularly in the management of chronic diseases, patient adherence to medication has a significant impact on treatment outcomes and healing. Low medication adherence may worsen the condition and lead to increased morbidity mortality and healthcare costs. Therefore, in order to help remind the elderly population to take their medication on time to ensure relief and treatment, the project team will design an Android medication reminder app for the elderly, which will provide a simple and convenient medication reminder service for the elderly and reduce the associated burden for their children.



A handwritten signature in green ink, consisting of a large loop and a trailing stroke.

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6. CONCLUSION

This application was developed referring to many existing products, previous projects and research papers based on medicine dispenser and also by taking into consideration problems faced by disabled people, Geriatrics, etc. We thought of such a system which will help to overcome the disadvantage of existing or previous system.

Many Medication Reminder Systems have been developed on different platforms. Many of these systems require special hardware devices to remind the patients about the medicine in-take timings. Purchasing new hardware devices becomes costly and more time and money consuming. So in the given work an attempt has been made to implement a system which is economical, easily accessible and improves medication adherence.

A mobile-phone-based automated medication reminder system shows promise in improving medication adherence and blood pressure in high-cardiovascular-risk individuals.

The patients will get the schedule of medicine in-take time with medicine image, description and doctor's contact details through the automatic alarm ringing system. The scheduled reminder will not suggest any kind of medicine which is not prescribed by the doctor.



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