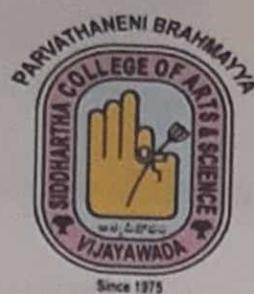


P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS

CERTIFICATE

This is certified that this is a bonafide record of project (Internship) work Entitled "**Implementation of machine-learning algorithms to classification and prediction in heart failures data: an applied review**" done by N. LIKHITHA (203401) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 01-6-2023

*S. Raj*  
Lecture in-charge

*D. Sardar*

EXAMINER

*Sumayya*  
(INTERNAL EXAMINER)

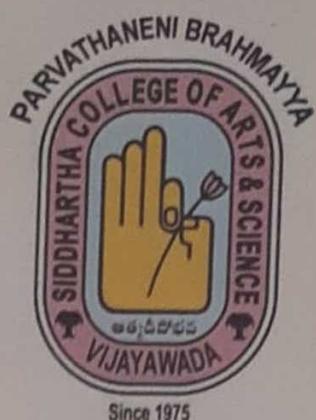
*Chenna*  
Head of the Department  
H.O.D.

DEPARTMENT OF STATISTICS  
P.B. Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE

(AUTONOMOUS)

VIJAYAWADA-520010

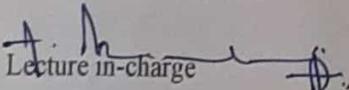


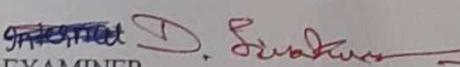
DEPARTMENT OF STATISTICS

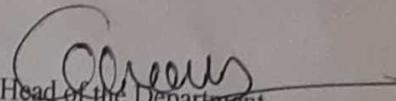
CERTIFICATE

This is certified that this is a bonafide record of project (Internship) work entitled "CLASSIFICATION AND PREDICTION OF THE QUALITY OF RED WINE USING DATA MINING TECHNIQUES" done by R. RAMAKRISHNA (203403) for the partial fulfilment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

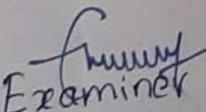
Date: 01.06.2023

  
Lecture in-charge

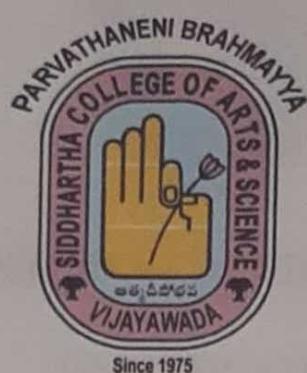
  
EXAMINER

  
Head of the Department  
H.O.D.

DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

  
Examiner

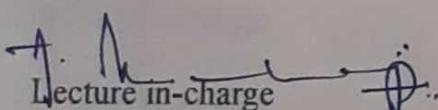
P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010

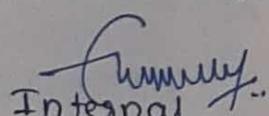


DEPARTMENT OF STATISTICS  
CERTIFICATE

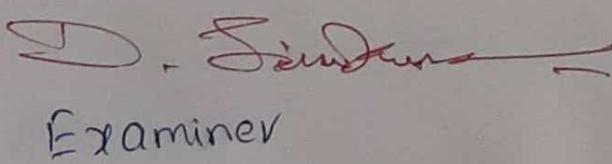
This is certified that this is a bonafide record of project (Internship) work Entitled "Classification and Prediction of IBM Employee attrition using Machine Learning Algorithm" done by P.GURUSAI (203406) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

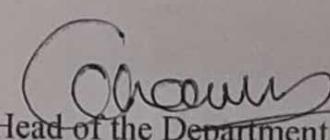
Date: 01.06.2023

J. N.   
Lecture in-charge

  
Internal Examiner

EXAMINER

  
Examiner

  
Head of the Department

H.O.D.  
DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

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(AUTONOMOUS) VIJAYAWADA-520010



DEPARTMENT OF STATISTICS

CERTIFICATE

This is certified that this is a bonafide record of project (Internship) work Entitled "Implementation of machine-learning algorithms to classification and prediction in heart failures data: an applied review" done by T. LALITHA (203424) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 01.06.2022

*J. Zaf*  
Lecture in-charge

*Sumay*  
Internal  
EXAMINER

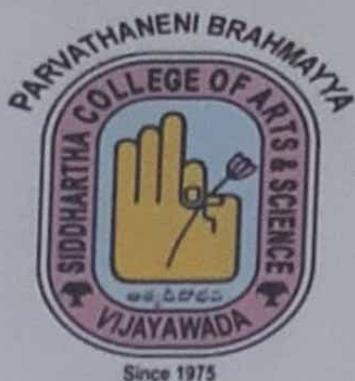
*Chennai*  
Head of the Department

*H.O.D.*  
DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

*D. Srinivas*

Examiner

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS

CERTIFICATE

This is certified that this is a bona-fide record of project (Internship) work Entitled "**A comparative study of Loan default prediction using machine learning algorithm**" done by Ch. Sunitha (203426) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 01.06.2023

*No. 1*  
Lecture in-charge

*Ch. Sunitha*  
Head of the Department

*D. Srinivas*  
EXAMINER

H.O.D.  
DEPARTMENT OF STATISTICS  
P.B. Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

*Ch. Sunitha*  
(Internal Examiner)

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS

CERTIFICATE

This is certified that this is a bona-fide record of project (Internship) work Entitled "A comparative study of Loan default prediction using machine learning algorithm" done by V.GANGA (203444) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

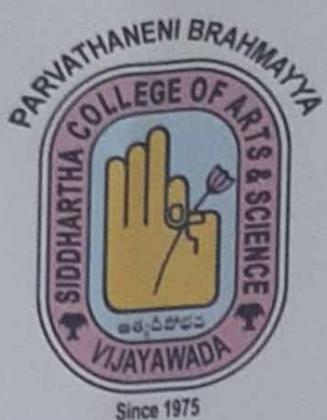
Date: 01.06.2023

J. Jayal  
Lecture in charge  
Internal Examiner  
EXAMINER

D. Sudha  
Examiner

C. Chaitanya  
Head of the Department  
H.O.D.  
DEPARTMENT OF STATISTICS  
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(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS

CERTIFICATE

This is certified that this is a bonafide record of project (Internship) work entitled "CLASSIFICATION AND PREDICTION OF THE QUALITY OF RED WINE USING DATA MINING TECHNIQUES" done by D. PRATHYUSHA (203446) for the partial fulfilment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 01.06.2023

*D. Prathyusha*  
Lecture in-charge

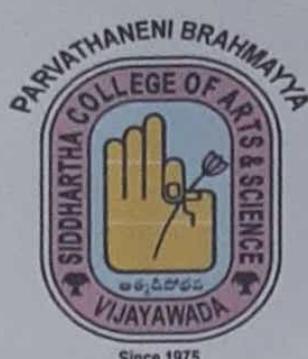
*D. Siddhartha*  
EXAMINER

*Prathyusha*  
Internal Examiner

*Armen*  
Head of the Department  
H.O.D.

DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

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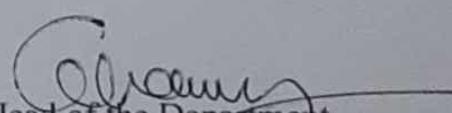


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CERTIFICATE

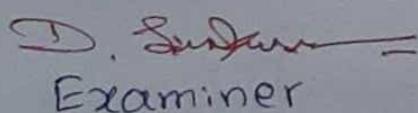
This is certified that this is a bonafide record of project (Internship) work Entitled "Classification and Prediction of IBM Employee attrition using Machine Learning Algorithm" done by S.K. FATHIMA (203463) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 1/6/2023

Lecture in-charge  
S. K. Fathima  
Internal  
EXAMINER

  
Head of the Department

H.O.D.  
DEPARTMENT OF STATISTICS  
P.B. Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

  
D. Sudarshan  
Examiner

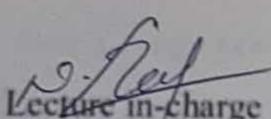
P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010



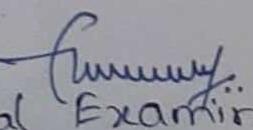
DEPARTMENT OF STATISTICS  
CERTIFICATE

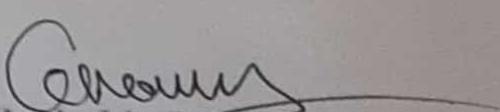
This is certified that this is a bonafide record of project (Internship) work Entitled "CLASSIFYING CROP-RECOMMENDATION USING NATURAL LANGUAGE PROCESSING" done by SHAIK. ASHITHA (203464) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 31-5-2023

  
Lecture in-charge

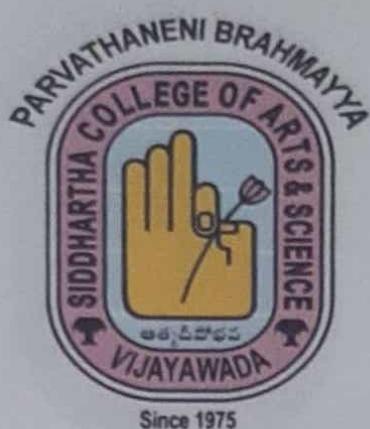
  
D. Sridhar  
EXAMINER

  
Internal Examiner

  
Head of the Department

H.O.D.  
DEPARTMENT OF STATISTICS  
P.B. Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010

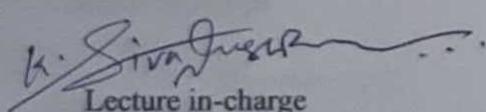


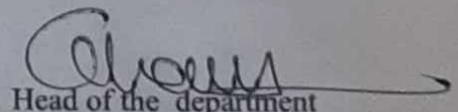
DEPARTMENT OF STATISTICS

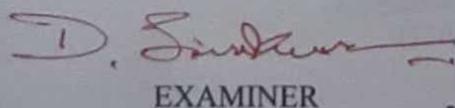
CERTIFICATE

This is certified that this is a bonafide record of project (Internship) work entitled "A COMPARITIVE STUDY ON DIAGNOSING THE PARKINSON'S DISEASE USING DATA MINING TECHNIQUES" done by T. Jyothi Priya (203702) for the partial fulfilment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

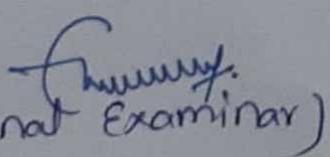
Date: 30-05-2023

  
Lecture in-charge

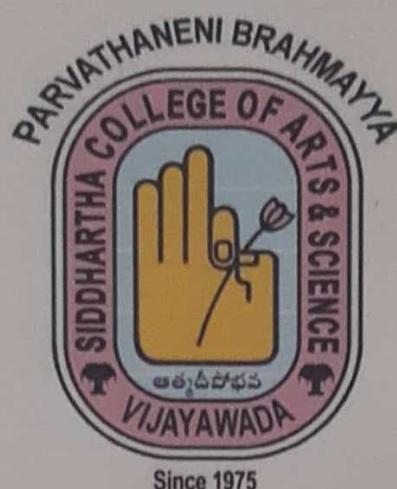
  
Head of the department

  
EXAMINER

H.O.D.  
DEPARTMENT OF STATISTICS  
P.B. Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

  
(Internal Examiner)

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS

CERTIFICATE

This is certified that this is a bona-fide record of project (Internship) work entitled "**A MACHINE LEARNING APPROACHES TO DETECTION OF LUNG CANCER DISEASE**" done by N. SAI PRASANNA (203703) for the partial fulfilment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 30 - 05 - 2023

K. Siva Jayaram  
Lecture in-charge

D. Srinivas  
EXAMINER

G. Chaitanya  
Head of the Department  
H.O.D.  
DEPARTMENT OF STATISTICS  
P. B. Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

F. Murthy  
(Internal Examiner)

P.B.SIDDHARTHA COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS  
CERTIFICATE

This is certified that this is a bonafide record of project (internship)work entitled "PREDICTION OF SALE AND SERVICE OF VARIOUS PRODUCTS OF SONY BRAND -VIJAYAWADA "done by P.Sudheer(203705) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2022 -2023.

Date: 01-06-23

M.Give Parvathi  
Lecture in-charge

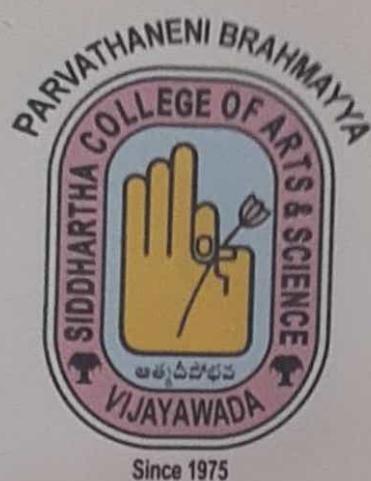
*D. Sudheer*

EXAMINER

*C. M. A. M.*  
Head of the department  
H.O.D.  
DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

*Ammy..*  
(Internal Examiner)

P.B.SIDDHARTHA COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS  
CERTIFICATE

This is certified that this is a bonafide record of project (internship) work entitled "PREDICTION OF SALE AND SERVICE OF VARIOUS PRODUCTS OF SONY BRAND - VIJAYAWADA "done by T.Venkata Jaya prakash(203706) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2022 -2023.

Date: 01-06-23

M.Sivaparvathi  
Lecture in-charge

D. Sankar

EXAMINER

Chandra  
Head of the department  
H.O.D.  
DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

Final  
(Internal Examiner)

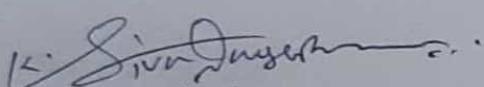
P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010



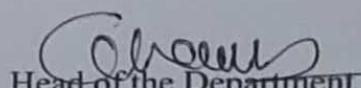
DEPARTMENT OF STATISTICS  
CERTIFICATE

This is certified that this is a bonafide record of project (Internship) work Entitled "A MACHINE LEARNING APPROACHES TO PREDICT COVID-19" done by Y. Yaswanth (203712) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

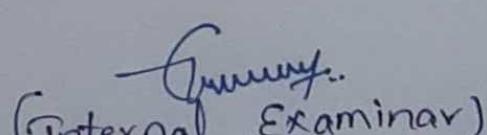
Date: 30-05-2023

  
Lecture in-charge

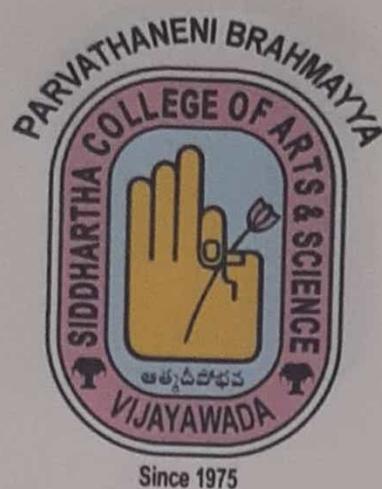
  
EXAMINER

  
Head of the Department  
H.O.D.

DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010

  
(Internal Examiner)

P.B.SIDDHARTHA COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS  
CERTIFICATE

This is certified that this is a bonafide record of project (internship) work entitled "PREDICTION OF SALE AND SERVICE OF VARIOUS PRODUCTS OF SONY BRAND - VIJAYAWADA "done by M.Durga Vara Prasad(203719) for the partial fulfillment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2022 -2023.

Date: 01-06-23

M. Sivaranjan  
Lecture in-charge

*D. Sivaranjan*

EXAMINER

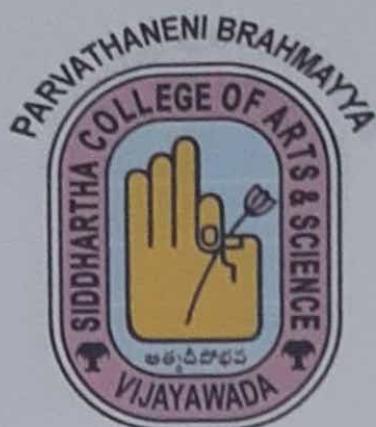
*G. Gopu*  
Head of the department

H.O.D.

DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

*(furnished)  
(Internal Examiner)*

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010

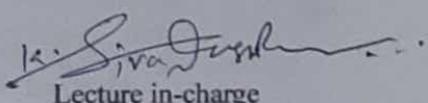


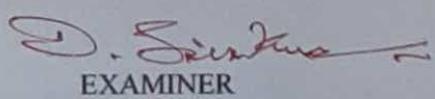
DEPARTMENT OF STATISTICS

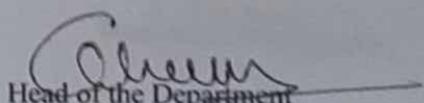
CERTIFICATE

This is certified that this is a bona-fide record of project (Internship) work entitled "**PREDICTION OF DIABETES DIAGNOSIS USING CLASSIFICATION BASED DATA MINING TECHNIQUES**" done by V.UMADEVI(203766) for the partial fulfilment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

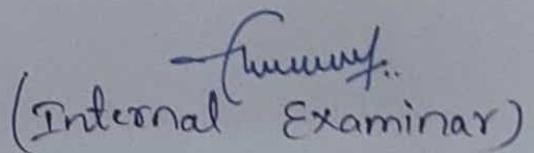
Date: 30-05-2023

  
Lecture in-charge

  
EXAMINER

  
Head of the Department

H.O.D.  
DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

  
(Internal Examiner)

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS

CERTIFICATE

This is certified that this is a bonafide record of project (Internship) work entitled "A MACHINE LEARNING APPROACH TO DETECT THE HEART DISEASE" done by M.Supraja (203768) for the partial fulfilment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 1-06-2023

Lecture in-charge  
*[Signature]*

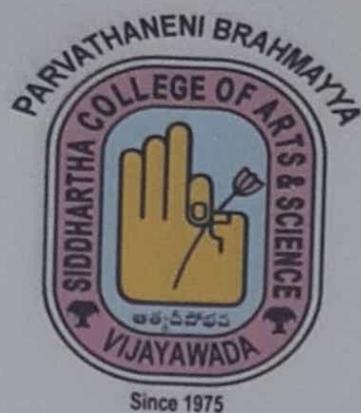
D. Sudha  
EXAMINER

*[Signature]*  
(INTERNAL EXAMINER)

*[Signature]*  
Head of the Department

H.O.D.  
DEPARTMENT OF STATISTICS  
P.B.Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010



DEPARTMENT OF STATISTICS

CERTIFICATE

This is certified that this is a bonafide record of project (Internship) work entitled "CLASSIFYING CROP-RECOMMENDATION USING NATURAL LANGUAGE PROCESSING" done by D. MEGHANA (203775) for the partial fulfilment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 01-06-2023

*T. M*  
Lecture in-charge  
*T.*

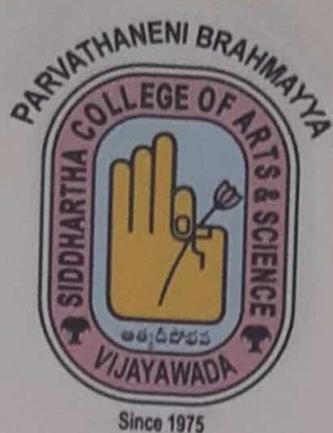
*Internship*  
EXAMINER

*Chennu*  
Head of the Department

H.O.D.  
DEPARTMENT OF STATISTICS  
P.B. Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

*D. Sankar*  
EXAMINER

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010

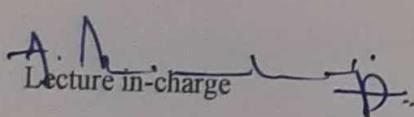


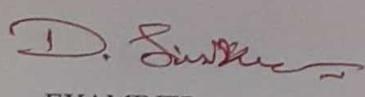
DEPARTMENT OF STATISTICS

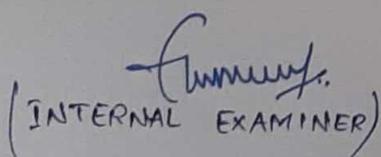
CERTIFICATE

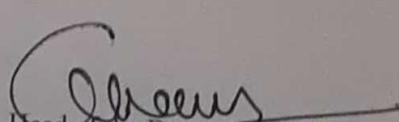
This is certified that this is a bonafide record of project (Internship) work entitled "A MACHINE LEARNING APPROACH TO DETECT THE HEART DISEASE" done by P.Lavanya (203777) for the partial fulfilment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 01-06-2023

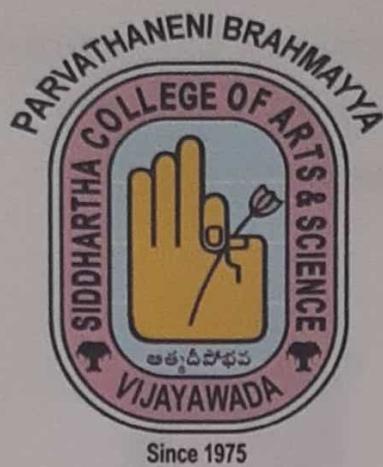
  
Lecture in-charge

  
D. Srinivas  
EXAMINER

  
(INTERNAL EXAMINER)

  
Head of the Department  
H.O.D.  
DEPARTMENT OF STATISTICS  
P.B. Siddhartha College of Arts & Science  
VIJAYAWADA-520 010.

P. B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
VIJAYAWADA-520010

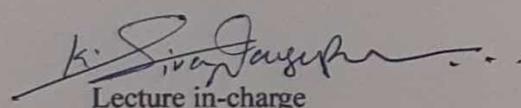


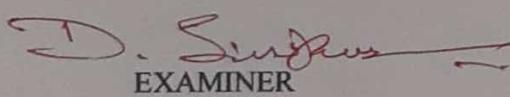
DEPARTMENT OF STATISTICS

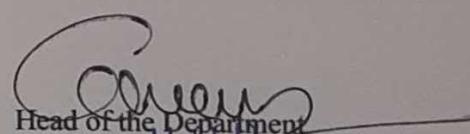
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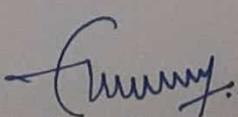
This is certified that this is a bona-fide record of project (Internship) work entitled **“PREDICTING BREAST CANCER SURVIVABILITY USING MACHINE LEARNING ALGORITHMS”** done by CH.ANURADHA(203779) for the partial fulfilment of requirements for the award of the Degree in Bachelor of Science as part of the curriculum during the academic year 2020-2023.

Date: 03 - 05 - 2023

  
K. Siva Jayaram  
Lecture in-charge

  
D. Suresh  
EXAMINER

  
C. Chellum  
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G. Munmy  
(Internal Examiner)