

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade

Ooty Road, Mysuru – 570025



CERTIFICATE

This is to certify that **AKSHARA S (P01BE21S0092)**, has successfully completed his/her project work entitled “**Credit Card Fraud Detection using Machine Learning**” and submitted the report in partial fulfilment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for **IV Semester MCA**.

Signature of the Guide
Department of
Master of Computer Applications

Signature of the HOD
Department of
Master of Computer Applications
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED

Name and Signature of the Examiners:

VALUED
Signature of Examiners

1. _____
2. *Shruthi M.R*

1. _____
2. *Shruthi M.R*

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade,

Ooty Road, Mysuru – 570025



CERTIFICATE

This is to certify that **Anjali (P01BE21S0194)**, has successfully completed his/her project work entitled **“Number of human violating the traffic rule when crossing the road”** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Signature of the Guide

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED

Signature of Examiners

- 1.
- 2.

Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Shobha . D
2. Shwetha . M.R

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE
An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025



CERTIFICATE

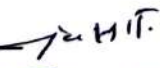

This is to certify that **Anusha B N (P01BE21S0065)**, has successfully completed his/her project work entitled “**Learn to drive with reinforcement learning**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. D. RAJAGURAJU K.R.B.  H.T.
2. Ravi Kumar . V.G 

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....OCT-2023

VALUED

Signature of Examiners

1.  H.T.
2. 

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade


Ooty Road, Mysuru – 570025



CERTIFICATE

This is to certify that **Anusha C K (P01BE21S0187)**, has successfully completed his/her project work entitled **“Car Crash Detection and Reporting in Signals using Deep Learning Approach”** and submitted the report in partial fulfilment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide
Department of
Master of Computer Applications


Signature of the HOD
Department of
Master of Computer Applications
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and

JSS COLLEGE

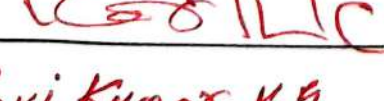

project work entitled "MULTIPLE TABBED SCREEN IN ONE PAGE" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru



VALUED

Name and Signature of the Examiners:

1. 
2. Ravi Kumar. V. G

09/10/23

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....Oct 23

VALUED
Signature of Examiners

1. 
2. 

THIS IS TO CERTIFY that **MIS ATULIA K, USIN:FOI DE 2150004**, has successfully completed her project work entitled **"A Novel way To Predict Employee Stress Level Using Machine Learning"** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade,


Ooty Road, Mysuru – 570 025



CERTIFICATE



This is to certify that **Bhavya G (P01BE21S0165)**, has successfully completed her project work entitled "**FOREIGN LANGUAGE LEARNING SYSTEM**" and submitted the report in partial fulfilment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

- 
- 

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....**027-23**

VALUED

Signature of Examiners

- 
- 

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570025



CERTIFICATE

This is to certify that **Bhoomika M (P01BE21S0083)**, has successfully completed his/her project work entitled “**Coil position detection in hot strip mill**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....


Signature of the HOD


VALUED

VALUED

Signature of Examiners

Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

Name and Signature of the Examiners:


1. Yashaswini J. 
2. Tejashee S

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE
An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025




This is to certify that **Chandan N (P01BE21S0059)**, has successfully completed his/her project work entitled "ID NUMBER DETECTION OF IRON SLAB WHEN IT MOVES AFTER MAKING PROCESS IN STEEL INDUSTRY" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide




Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. ANBASAVARASU M.F. B. CH. H. I.
2. 

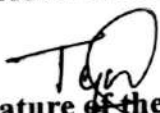
J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....OCT-2023
VALUED

Signature of Examiners
1. 
2. 



CERTIFICATE

This is to certify that **Chandana S (P01BE21S0211)**, has successfully completed his/her project work entitled "**Spammer Detection And Fake User Identification On Social Networks**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

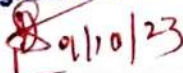

1. 

2. 

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED

Signature of Examiners

1. 
2. 

CERTIFICATE

This is to certify that **Chandana T M (P01BE21S0089)**, has successfully completed his/her project work entitled "**AI Virtual Mouse Using Human Eyes and Face**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.



Signature of the Guide
Department of
Master of Computer Application




Signature of the HOD
Department of
Master of Computer Application

Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. 

2.  **Shwetha M.R**

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED

Signature of Examiners

1. 

2. 



CERTIFICATE

This is to certify that **Chandrakala Nadipalli (P01BE21S0067)**, has successfully completed her project work entitled "**SMART SUBJECTIVE ANSWER ASSIGNMENT**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Signature of the Guide

Signature of the HOD
Head

Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. M. BASAVARAJU H.F. B.N.H.T. J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations..... OCT-23
2. Ravi Kumar V.H

VALUED


Signature of Examiners

- 1.
- 2.

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE
An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025



This is to certify that **DEVIKA S (P01BE21S0075)**, has successfully completed his/her project work entitled "**A Smart Medical System to Identify the Side Effects of Drugs using Machine Learning**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022-2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD

Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

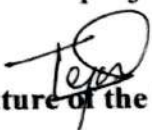
1. Yashaswini. S.
2. Tejashee. S.


J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....
VALUED
Examiners




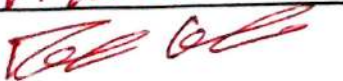
CERTIFICATE



This is to certify that **Dhanush B S(P01BE21S0158)**, has successfully completed his project work entitled "**A Comprehensive Study On Social Study On Social Network Mental Disorders Detection Via Online Social Media Mining**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners: **J.S.S. COLLEGE, MYSURU-25**
Dept. of PG Computer Applications
Practical Examination.....
VALUED
Signature of Examiners
1. 
2. **Ravi Kumar.V.G**



1. 
2. 



CERTIFICATE

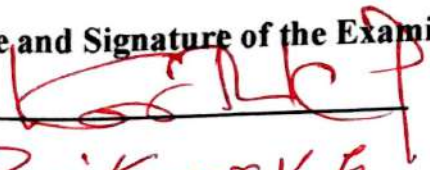

This is to certify that **DILIP C J (P01BE21S0166)**, has successfully completed his/her project work entitled "**OBJECT RECOGNITION AND LOCALIZING FOR VISUALLY IMPAIRED PEOPLE**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. 
2. Ravi Kumar, V. G.


J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....**OCT-23**

VALUED

Signature of Examiners

1. 
2. 

This is to certify that **FOUZIA SULTANA** (FO1BE21S0087), has successfully completed his/her project work entitled “ **AN AUTOMATION SYSTEM FOR LUNG CANCER PREDICTION USING MACHINE LEARNING**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Signature of the Guide

Signature of the HOD

Head

Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1.

2. Shwetha.MR
7/10/23

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED

Signature of Examiners

1.

2. Shwetha M R
7/10/23

This is to certify that **Kavana (P01BE21S0161)**, has successfully completed project work entitled "**Video Steganography**" and submitted the reporting partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.



Signature of the Guide



**Signature of the HOD
Head**

**Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru**

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade,

Ooty Road, Mysuru – 570 025



CERTIFICATE

This is to certify that **K Lakshitha Monnappa (P01BE21S0061)**, has successfully completed his/her project work entitled “**Clean Commute Android App For Encouraging Low-Carbon Transportation**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Signature of the Guide

Signature of the HOD

Head

Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. D. BASAVARASOORI

2. Ravi Kumar V. B

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....*Oct. 2023*

VALUED


Signature of Examiners

1.

2.

This is to certify that **Mamatha S (F01BE2130079)**, has successfully completed her project work entitled **“Predicting Socio-Economic Status from Satellite Imagery”** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Yashaswini, S.
2. Tejashree, S.

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED

Signature of Examiners

1. 
2. 

completed his final semester project work entitled "An AI-based System for Bird and Drone Detection using YOLO v4/v5 Object Detection Models" and submitted the report in partial fulfilment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

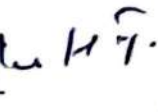

Signature of the Guide


Signature of the HOD

Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru


VALUED

Name and signature of the Examiners:

1. Dr. BASAVARAJU H. F. B 

2. Ravi Kumar V. G 

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....OCT-2023
VALUED

Signature of Examiners
1. 



COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade
Ooty Road, Mysuru - 570025



CERTIFICATE

This is to certify that **Manoj M (P01BE21S0190)**, has successfully completed his/her project work entitled "**Human Detection System for SCP Machine**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

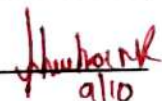

Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Shobha D

2. Shwetha.M.P 
a/10

J.S.S. COLLEGE, MYSURU-23
Dept. of PG Computer Applications
Practical Examinations.....

VALUED
Signature of Examiners

1. 809/10/23
2. 

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade,

Ooty Road, Mysuru – 570 025



This is to certify that **MITHILA B (P01BE21S0077)**, has successfully completed his/her project work entitled "**Find Overdue Loan and Generate the Report**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for **IV Semester MCA**.

Signature of the Guide

VALUED

Name and Signature of the Examiner
1. *Yalhar...*

J.S.S. Co...


Signature of the HOD
Head
Dept. of PG Computer App...
JSS College, Ooty



CERTIFICATE

This is to certify that **Monica S (P01BE21S0478)**, has successfully completed her project work entitled "**Prediction of Employee attrition rate using Machine Learning approaches**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Shobha D
2. Shwetha M. R

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED

Signature of Examiners

1. 
2. 

This is to certify that Nagapriya M(101BE2130003), has successfully completed her project work entitled "**Automatic detection of nanoparticles in tissue sections using machine learning**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.



Signature of the Guide





Signature of the HOD

Head

Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Dr. PASAVARASU HT. B 
2. Ravi Kumar V.G 

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....OCT 2023


VALUED

Signature of Examiners

1. 
2. 

his project work entitled “**Crop Identification and Land size Detection using Satellite Images**” and submitted the report in partial fulfillment of the requirement of, “**Master of Computer Applications**”, **JSS College of Arts, Commerce and Science, Mysuru** during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE
An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025



CERTIFICATE

This is to certify that **Nanjundaswamy N (P01BE21S0078)**, has successfully completed his project work entitled “**Accurate Detection and Recognition of Electric Vehicles Number Plates**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025



CERTIFICATE

This is to certify that **Nisarga P (P01BE21S0080)**, has successfully completed his/her project work entitled **“Handrail Holding Detection during Human Movement in Staircase”** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

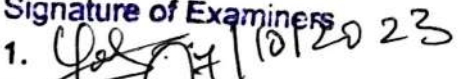

Signature of the Guide
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Yashawini J.
2. Tejashree S.

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....
VALUED
Signature of Examiners
1.  10/20 23

This is to certify that Pavithra.P.P (101BE21S0072), has successfully completed her project work entitled "Plant Species Recognition For Medicinal Purposes Using Deep Learning" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Jhankar M.R
3/10/23
Signature of the Guide

[Signature]
Signature of the HOD

Head
Dept. of PG Computer Applications
JSS College Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. *[Signature]*
2. *[Signature]*

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED
Signature of Examiners
1. *[Signature]*
[Signature]



CERTIFICATE

This is to certify that **Payal BG P01BE21S0064**, has successfully completed her project work entitled “**Liver Cancer Detection Using Deep Learning And Image Processing**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Johny P R
4/10/23
Signature of the Guide

[Signature]
Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. DR. BASAVARAJU H.T.
[Signature]
2. _____

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....*[Signature]*
VALUED
Signature of Examiners
1.
2



CERTIFICATE

This is to certify that **PRAJWAL RAJ N (P01BE21S0105)**, has successfully completed his project work entitled **“Botdetect:Deep Learning Framework For Social Bot Detection With Active Learning”** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Shwetha.M.R
7/10/23
Signature of the Guide

[Signature]
Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. *[Signature]*
2. *Shwetha.M.R* *Shwetha M.R*
7/10/23

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED
Signature of Examiners

1. *[Signature]*
2. *Shwetha M.R*
7/10/23

project work entitled "Detection Of Neurofibroma Using Convolutional Neural Network" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

H. H. H. M. R.
31/10/23
Signature of the Guide

[Signature]
Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

- [Signature]*
- Ravi Kumar V.S
[Signature]

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....*OCT-23*

VALUED
Signature of Examiners
1. *[Signature]*
2. *[Signature]*

An Autonomous College, Affiliated to University of Mysore

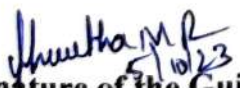
Re-accredited by NACC with 'A' Grade


Ooty Road, Mysuru – 570025



CERTIFICATE


This is to certify that **PREETHI V M (P01BE21S0188)**, has successfully completed his/her project work entitled **“FOREST WILDFIRE DETECTION FROM SATELLITE IMAGES USING DEEP LEARNING”** and submitted the report in partial fulfilment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide
Department of
Master of Computer Applications


Signature of the HOD
Department of
Master of Computer Applications
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Shobha D
2. Shwetha M.R  9/10

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED

Signature of Examiners

1.  09/10/23
2. 

This is to certify that Priya C (P01BE21S0062), has successfully completed her project work entitled "Sign Language Recognition with machine learning" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD

Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Dr. Basavaraju K. T. B. N. T.

2. Ravi Kumar. V. G.

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....Oct-2023

VALUED

Signature of Examiners

1. B. T. B. N. T.

2. T. G. G.



CERTIFICATE

This is to certify that **RAKESH K S [P01BE21S0106]** has successfully completed his project work entitled “**Artificial intelligence based automatic personality assessment for children using speech analysis**” and submitted the report in partial fulfilment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysore**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of **project work prescribed for IV Semester MCA**.

... that Ms Ranjani R Adi [P01BE21S0086] has successfully completed her project work entitled "Detection of Glaucoma in Retinal Fundus Images using Neural Network" and submitted the report in partial fulfilment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Shwetha MR
3/10/23
Signature of the guide

[Signature]
Signature of the HOD

Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. *[Signature]*
2. *Shwetha MR*
[Signature]

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED
Signature of Examiners
1. *[Signature]*
2. *Shwetha MR*
2/10/23



CERTIFICATE

This is to certify that **RITHIK KUMAR S R (P01BE21S0184)**, has successfully completed his/her project work entitled "**Analysis On Weather Reporting**" and submitted the report in partial fulfilment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide



Department of
Master of Computer Applications


Signature of the HOD

Department of
Dept. of PG Computer Applications
Master of Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. 
2. Ravi Kumar, V.G.


J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....*MCT-23*

VALUED
Signature of Examiners

1. 
2. 

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade,

Ooty Road, Mysuru – 570 025



CERTIFICATE

This is to certify that **SACHIN M (P01BE21S0090)**, has successfully completed his project work entitled “**CNN-TRAFFIC SIGN DETECTION AND VOICE ALERTING SOLUTION**” and submitted the reporting partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Shwetha MP
31/10/23
Signature of the Guide

[Signature]
Signature of Head HOD
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

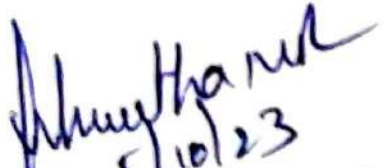
1. *[Signature]*
2. *Shwetha MP* *Shwetha MP*
7/10/23


J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED
Signature of Examiners

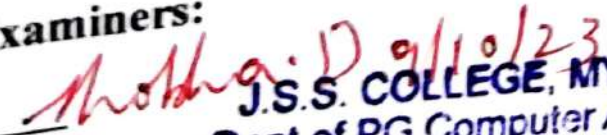
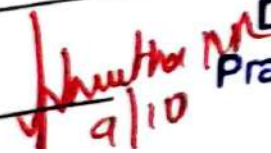
1. *[Signature]*
2. *Shwetha MP*
7/10/23

This is to certify that SAHANA M R (P0BE21S0389), has successfully completed his/her project work entitled "STROKE PREDICTION & ITS TYPES USING MACHINE LEARNING" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


5/10/23
Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:
1. Shobha D  9/10/23
2. Rohitho. M. R  9/10
J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....
VALUED
Examiners

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade

Ooty Road, Mysuru – 570025



CERTIFICATE


This is to certify that **SANJANA G M (P01BE21S0085)**, has successfully completed her project work entitled “**DECENTRALIZED APPLICATION FOR CROWD FUNDING USING ETHEREUM BLOCK CHAIN**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE
An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025



This is to certify that **Sharath VC (P01BE21S0081)**, has successfully completed his/her project work entitled “**Dynamic hand gesture recognition**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


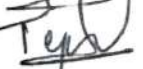

Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners: J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....


1. Yashawani J.
2. Tejashree S.

VALUED
Signature of Examiners
1.  7/10/23.
2. 



This is to certify that **Sinchana H R (P01BE21S0066)**, has successfully completed his/her project work entitled "**Human Disease Prediction Using Machine Learning**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Dr. BASAVARAJU S. H. R.
2. Ravi Kumar V. H.

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations....02.12.23
VALUED
Signature of Examiners
1. Ravi Kumar V. H.
2. Dr. Basavaraaj S. H. R.



CERTIFICATE

This is to certify that **SOUNDARYA C (P01BE21S0557)**, has successfully completed his/her project work entitled "**Ai- Based Fake Job Post Detection Using Random Forest Algorithm**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Signature of the Guide

Signature of the HOD
Head

Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Shobha D
2. Shwetha M.R

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED


Signature of Examiners

1. Shobha D
2. Shwetha M.R




CERTIFICATE

This is to certify that **Suhag L (P01BE21S0220)** has successfully completed his project work entitled **“Android Application for Blind People to Detect Objects”** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.




Signature of the Guide

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....


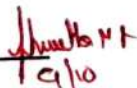

Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

VALUED
Signature of Examiners

1. 
2. 

Name and Signature of the Examiners:

1. Shobha . D 
2. Shwetha . M . R 


J.S.S. COLLEGE OF ARTS, COMMERCE & SCIENCE
An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025



CERTIFICATE


This is to certify that **Suhas Gowda Y V (P01BE21S0155)**, has successfully completed his project work entitled **“Smart Card Operating System for Road Transport Using Free Software”** and submitted the report in partial fulfillment of the requirement of IV Semester, **Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. 
Dr. M.R. Shankar
21/10/23


J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....
VALUED
Signature of Examiners

1. 

CERTIFICATE

This is to certify that **Suneel JS (P01BE21S0060)**, has successfully completed his/her project work entitled "**Exploratory Data Analysis on Bank datasets**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.




Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Pn. BASAVARASUN.T. B. MITT.  J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
2. Ravi Kumar V. G.  Practical Examinations..... OCT... 2023

VALUED
Signature of Examiners
1. 
2. 

This is to certify that SUNIL (F01BE21S0070), has successfully completed his/her project work entitled "Bird Species Identification Image Processing Using Machine Learning." and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.



Signature of the Guide



Signature of the HOD

Head

Dept of PG Computer Applications
JSS College Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Yashawini J.
2. Tejashree S.

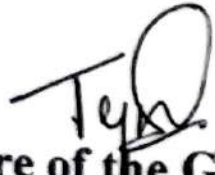
J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED


Signature of Examiners

1. 
2. 

This is to certify that **SUSHMITHA M T (PO1BE21S0088)**, has successfully completed his/her project work entitled "**Digital complaint portal for urban cities using web application**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....
VALUED
Signature of Examiner


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College of Arts, Commerce and Science, Mysuru



This is to certify that **UMME HANI(P01BE21S0076)**, has successfully completed his/her project work entitled "**CREDIT RISK CERTIFICATION**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....



Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

VALUED
Signature of Examiners

1.
2. 

Name and Signature of the Examiners:

1. Yashwanth J.
2. Tyashree S.





This is to certify that **Vaibhav V (P01BE21S0171)**, has successfully completed his/her project work entitled **“Vehicle Overspeed Detection System for Enhanced Road Safety”** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Signature of the Guide

Signature of the HOD
Head

Dept. of PG Computer Application
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

- 1.
2. Ravi Kumar V.G

J.S.S. COLLEGE, MYSURU-26
Dept. of PG Computer Applications
Practical Examination - **007-25**
VA

Signature of Examiners

- 1.
- 2.

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade

Ooty Road, Mysuru – 570025



CERTIFICATE

This is to certify that **Vidya KM (P01BE21S0164)** has successfully completed his/her project work entitled "**Product Price Prediction**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Signature of the Guide

Signature of the HOD
Head

Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1.

2. Ravi Kumar V.S

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations... **OCT-23**

VALUED

Signature of Examiners

1.

2.

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade,

Ooty Road, Mysuru – 570 025



CERTIFICATE

This is to certify that **VINAY M (P01BE21S0069)**, has successfully completed his/her project work entitled "**Aadhar Based Online Voting System**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Signature of the Guide

Signature of the HOD
Head

Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....**OCT-23**
VALUED

Signature of Examiners


Name and Signature of the Examiners:

1. BASAVARAJA K.S. B.T. H.

2. Ravi Kumar V.H.

This is to certify that HARSHITHA K L (P01BE21S0213), has successfully completed his/her project work entitled "Driver drowsiness detection using live web camera" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Shobha D

2. Shwetha M.R *Shwetha M.R*
also

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED
Signature of Examiners

1. *809/10/25*

2. *[Signature]*

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade

Ooty Road, Mysuru – 570025



CERTIFICATE

This is to certify that **POOJA B M (PO1BE21S0172)**, has successfully completed his/her project work entitled “**NIFTY STOCK PRICE PREDICTION**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE
An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025



CERTIFICATE

This is to certify that **RAKSHITHA H V (P01BE21S0174)**, has successfully completed his/her project work entitled "Investigation the Potential of Hand-Drawn Spiral Images for Parkinson's Disease Detection" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysore, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

[Handwritten Signature]
Signature of the Guide

[Handwritten Signature]
Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

- Name and Signature of the Examiners:
1. *[Handwritten Signature]*
 2. *[Handwritten Signature]*

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....*[Handwritten Signature]*.....
VALUED
Signature of Examiners *[Handwritten Signature]*

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade

Ooty Road, Mysuru – 570025



CERTIFICATE

This is to certify that SAHANA(P01BE21S0073) has successfully completed his/her project work entitled “Machine Learning-Based Weed Detection In Agricultural Images Using Deep Learning And Image Processing Techniques” and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

Shreetha M. R.
3/10/23
Signature of the Guide

[Signature]
Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

- Yashodhini J.
- Tyashree S.

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED


Signature of Examiners


- [Signature]* 3/10/23
- [Signature]*

J.S.S. COLLEGE OF ARTS, COMMERCE & SCIENCE
An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025



This is to certify that **Sarika.D (P01BE21S0479)**, has successfully completed his/her project work entitled **“Food Wastage Reduction Through Donation”** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.

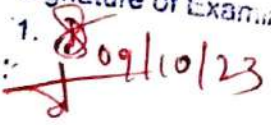

Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED


Name and Signature of the Examiners:

1. Shobha D
2. Shweta M R

J.S.S. COLLEGE, MYSURU-28
Dept. of PG Computer Applications
Practical Examinations.....
VALUED
Signature of Examiners
1. 
: 09/10/23

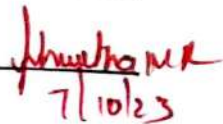
This is to certify that **Supriya K(P01BE21S0156)**, has successfully completed her project work entitled "**Fake Indian Currency Detection using CNN**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.


Signature of the Guide


Signature of the HOD
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

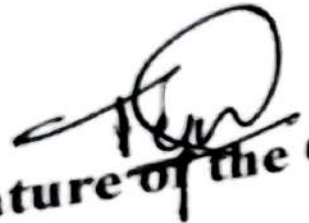
Name and Signature of the Examiners:

1. _____
2. Shwetha. M. R 
7/10/23

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED
Signature of Examiners
1. _____
2. Shwetha M R
7/10/23

This is to certify that Vidhyashree K B (FOIBE2130071), has successfully completed her project work entitled "**Machine Learning-Based Recipe Reconstruction From Food Images**" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru, during the academic year 2022 - 2023. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for IV Semester MCA.



Signature of the Guide





Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

Yashawini - J.
100.S.

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED
Signature of Examiners
1.  2/10/23
2.  7/10/23

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE
An Autonomous College, Affiliated to University of Mysore
Re-accredited by NACC with 'A' Grade,
Ooty Road, Mysuru – 570 025



CERTIFICATE

This is to certify that **Karthik S P (P01BE21S0545)**, has successfully completed his project work entitled "**JourneyFinder**" "**An Intelligent Travel Booking System for Personalized and Efficient Trip Planning**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Applications, JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 2023**. It is certified that all corrections and suggestions indicated for the internal assessment have been incorporated in the report. This report has been approved as it satisfies the academic requirements in respect of project work prescribed for **IV Semester MCA**.


Signature of the Guide


Signature of the HOD
Head
Dept. of PG Computer Applications
JSS College, Ooty Road, Mysuru

VALUED

Name and Signature of the Examiners:

1. Shobha D
2. Shwetha M.R

J.S.S. COLLEGE, MYSURU-25
Dept. of PG Computer Applications
Practical Examinations.....

VALUED
Signature of Examiners

1. 29/10/23
2. [Signature]