

# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(AUTONOMOUS)

BN Road, Mysore-570025



## CERTIFICATE

This is to certify that the project work entitled "AMES-Clouds: A Framework of Adaptive Mobile Video Streaming and Efficient Social Video Sharing in Clouds" **Akshaya**, bearing Register Number **JCS17001** has successfully completed the project work in partial fulfillment for the award of the **Master of Computer Science** by JSS college of Arts, Commerce & Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-2019.

SIGNATURE OF GUIDE

Smt. Anusha

Asst. professor

Dept. of CS, JSS College, Mysore

SIGNATURE OF HOD

5/5/19

Smt. Sumanashree. Y.S

**PG Department of Computer Science**  
Asst. Professor & HOD  
ISS College of Arts, Commerce & Science

(Autonomous)  
Dept. of CS, JSS College, Mysore

Candidate Name: Akshaya

Register Number: JCS17001

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous)



## CERTIFICATE

This is to certify that the project work entitled "STEGANOGRAPHY" ANURAG bearing Register Number JCS17002 has successfully completed the Project work in partial fulfillment of the award of *Masters in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of Project work prescribed for the IV semester M.Sc.

Signature of Guide

Apoorva A.S  
Asst. Professor  
Dept. of CS, JSS College, Mysore

PG Department of Computer Science  
JSS College of Arts, Commerce & Science

(Autonomous)  
Gov Road, Mysore-570 025

Signature of HOD

Mrs. Sumanashree Y S  
HOD and Assistant Professor  
Dept. of CS, JSS College, Mysore

Date of Examination:

Name and Signature of the Examiners:

1. 6/5/19
2. 6/5/2019

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous, under the Mysore University)



**CERTIFICATE**

This is to certify that Ms. *Apoorva B M* bearing Register Number *JCS17003* has successfully completed the report work in partial fulfillment of the award of **MASTER OF COMPUTER SCIENCE, Department of computer science** in JSS college of Arts, Commerce and Science (Autonomous, under the Mysore University) Mysore, During the academic year 2019. The work has been approved as it satisfies the Academic requirement in respect of report work prescribed for the M.Sc.

*Y. S. S.*  
Signature of Guide 6/5/19

*Y. S. S.*  
Signature of HOD 6/5/19

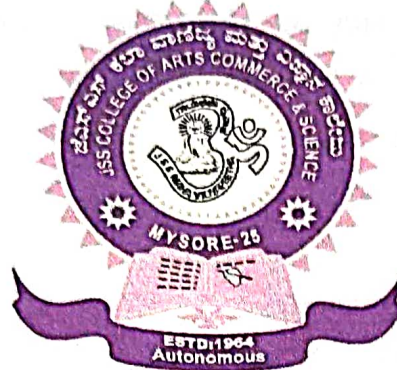
PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Galy Road, Mysore-570 025.

**NAME AND SIGNATURE OF EXAMINERS:**

1. *Y. S. S.* 6/5/19
2. *A. Praveena Dand* 6/5/2019

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous)



## CERTIFICATE

This is to certify that the project work entitled "*A SYSTEM TO IMPROVISE THE BUSINESS BY INDENTIFYING THE TARGET USERS*" BINDU M.N bearing Register Number JCS17004 has successfully completed the project work in partial fulfillment of the award of *IV Semester Masters in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under University of Mysore) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of report work prescribed for the IV semester M.Sc.

*Geethanjali R.*  
Signature of Guide

Ms. Geethanjali R  
Asst. Professor  
PG Dept. of CS, JSSCACS College, Mysore

*Y. S. S.*  
Signature of HOD

*6/5/19*  
PG Department of Computer Science  
Mrs. Sumanashree Y.S.  
JSS College of Arts, Commerce & Science  
HOD and Assistant Professor  
(Autonomous)  
PG Dept. of CS, JSSCACS College, Mysore  
Mysore-570 025.

*Y. S. S.* *6/5/19*  
*A. Prerna* *6/5/2019*

# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(AUTONOMOUS)

BN Road, Mysore-570025



## CERTIFICATE

This is to certify that the project work entitled "HOP BY HOP COMPUTING FOR GREEN INTERNET ROUTING" **Chandana B S**, bearing Register Number **JCS17005** has successfully completed the project work in partial fulfillment for the award of the **Master of Computer Science** by JSS college of Arts, Commerce & Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-2019.

*Geethanjali R.*

SIGNATURE OF GUIDE

Ms.Geethanjali R

Asst. professor

Dept. of CS, JSS College, Mysore

SIGNATURE OF HOD

Smt. Sumanashree. Y .S

Asst. Professor & HOD

Dept, of CS, JSS College, Mysore

Candidate Name: Chandana B S

Register Number: JCS17005

*Y S. S.* 6/5/19

*A. Prasad* 6/5/2019


**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous)



**CERTIFICATE**

This is to certify that the project work entitled "E-office" Ganavi.c.shekar bearing Register Number *JCS17006* has successfully completed the report work in partial fulfillment of the award of *Master of Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under the Mysore University) Mysore, During the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of report work prescribed for the Master of Computer Science.

  
Signature of Guide


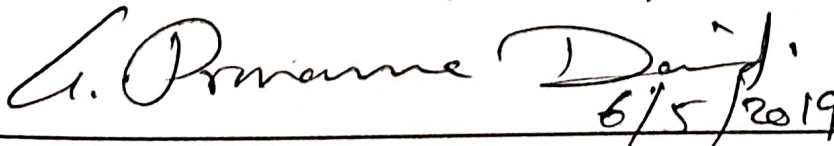
  
Signature of HOD

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Goty Road, Mysore-570 025

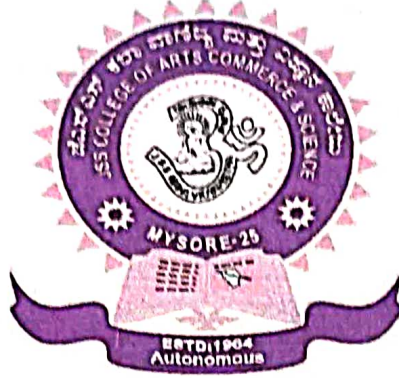
Date of the Examination: 6/5/19

**VALUED**

**Name and Signature of Examiners**

-  6/5/19
-  6/5/2019

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous)



**CERTIFICATE**

This is certify that Mr/Ms. Hamsa A S bearing Reg.No JCS17007, satisfactorily completed the project work entitled "Collision Tolerant and Collision Free Packet Scheduling for Underwater Acoustic Localization" and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.

Signature of Guide

4/5/19 Signature of HOD

Date of the Examination:

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Govt Road, Mysore-570 025

**VALUED**

**Name and Signature of Examiners**

1. 6/5/19
2. 6/5/2019


**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous under University of Mysore)



**CERTIFICATE**



This is to certify that Mr. **HARSHA BHARADWAJ H G** bearing Register Number **JCS17008** has successfully completed the project work entitled "**Object Detection using CNN and R-CNN**" and submitted the report in partial fulfillment of the award of **Master in Computer Science** by JSS college of Arts, Commerce and Science (Autonomous) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of report work prescribed for M.Sc.

  
Signature of Guide 6/5/19

  
Signature of the HOD  
PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025.

Date of Examination: 06-05-2019

**NAME AND SIGNATURE OF EXAMINERS:**

-  6/5/19
-  6/5/2019



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous)



## CERTIFICATE


This is to certify that Mr. /Ms. HARSHITHA A.V bearing Reg. No JCS17009 respectively satisfactorily completed the project work entitled "TRAFFIC DECORRELATION TECHNIQUES FOR COUNTERING A GLOBAL EAVESDROPPER IN WSNs" and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.

  
Signature of Guide 6/5/19

Mrs.Sumanashree Y.S

PG.Dept.of CS

JSSCASS college,mysore

  
Signature of HOD 6/5/19

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
HOD and Assistant professor  
(Autonomous)

Goty Road, Mysore, 570 025  
PG.Dept.of Cs JSSCASS college,mysore

  
6/5/19

G. Prerna Dant  
6/5/2019

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

BN Road, Mysore – 570025



## CERTIFICATE

This is certify that Mr./Ms. **Janaki Reddy D** bearing Reg.No **JCS17010** satisfactorily completed the project work entitled "**Fruit Identification**" and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.

*Mamatha N*  
**Signature of Guide**  
**(Mamatha N)**

Ass. Professor  
Dept. of CS, JSS college, Mysore

*Y. S. S*  
Signature of HOD 6/5/19  
**(Prof. Sumanashree)**

Lecture & HOD  
Dept. of CS, JSS college, Mysore  
PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Gokul Road, Mysore-570 025.

**Date of the Examination:**

**VALUED**

**Name and Signature of Examiners**

1. *Y. S. S* 6/5/19
2. *G. Praveena Devi*  
6/5/2019

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous)



**CERTIFICATE**

This is to certify that the project work entitled "**EMOTION RECOGNITION USING DEEP CONVOLUTIONAL NEURAL NETWORKS**" by MAHESH.G bearing Register Number JCS17013 has successfully completed the project work in partial fulfillment of the award of *IV Semester Masters in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under University of Mysore) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of report work prescribed for the IV semester M.Sc.

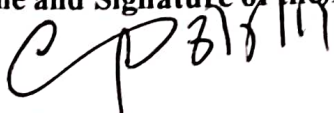
  
Signature of Guide

Vinitha S  
Asst. Professor  
PG Dept. of CS, JSSCACS, Mysore

Date of Examination:-

Name and Signature of the Examiners:-

1.



2.



  
Signature of HOD - 6/5/19

Mrs. Sumanashree Y S  
HOD and Assistant Professor  
PG Dept. of CS, JSSCACS, Mysore

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025.

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous)



**CERTIFICATE**

This is certify that Mr./Ms. Mamatha B S bearing Reg.No JCS17014 satisfactorily completed the project work entitled "Creation of Text Classifier for Extracting Keywords in Research Document" and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.

**Signature of Guide**  
**(Apoorva S)**  
Assistant Professor  
Dept. of CS, JSS college, Mysore

4/5/19

**Signature of HOD**  
**(Smt. Sumanashree S)**  
Assistant professor & HOD  
Dept. of CS, JSS college, Mysore  
PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025.

**Date of the Examination:** 8/5/19

**VALUED**

**Name and Signature of Examiners**

1. 8/5/19
- 2.

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous)



**CERTIFICATE**

This is to certify that the project work entitled "AUTHENTICATION SCHEME FOR SESSION PASSWORD USING COLORS" by Manjunatha C bearing Register Number JCS17015 has successfully completed the Project work in partial fulfillment of the award of *Masters in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of Project work prescribed for the IV semester M.Sc.

Signature of Guide

Anusha  
Asst. Professor  
Dept. of CS, JSS College, Mysore

  
Signature of HOD - 6/5/19

Mrs. Sumanashree YS  
HOD and Assistant Professor  
Dept. of CS, JSS College, Mysore

PG Department of Computer science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Goty Road, Mysore-570 025.

Date of Examination:

Name and Signature of the Examiners:

1. 6/5/19
- 2.

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous)



**CERTIFICATE**

This is to certify that the project work entitled "BLOOD AVAILABILITY TRACKING SYSTEM" by MANJUNATHA H N bearing Register Number JCS17016 has successfully completed the Project work in partial fulfillment of the award of *Masters in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of Project work prescribed for the IV semester M.Sc.

Mamatha N  
Signature of Guide

Mamatha  
Asst. Professor  
Dept. of CS, JSS College, Mysore

Y.S.S.  
Signature of HOD - 6/5/19  
PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Mrs. Sumanashree Y.S.  
HOD and Assistant Professor  
Dept. of CS, JSS College, Mysore

Date of Examination:

8/5/19

Name and Signature of the Examiners:

1.  8/5/19

2. 

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous affiliated by University of Mysore)



## CERTIFICATE

This is to certify that the MYTHRI.K. Bearing Register Number *JCS17017* has successfully completed the Project work entitled "**Characterizing and Predicting Early Reviewers for Effective Product Marketing on E-Commerce Websites**" in partial fulfillment of the award of *Masters in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of Project work prescribed for M.Sc.



  
Signature of Guide

  
Signature of HOD

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025.

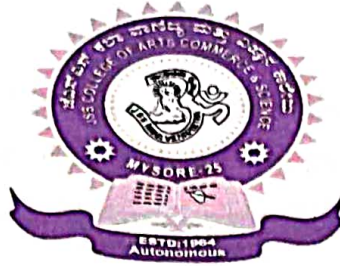
Date of Examination: 8/5/19

Name and Signature of the Examiners:

1.  8/5/19
2. 

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous)



## CERTIFICATE

This is to certify that Mr. /Ms. NISCHITHA C.Y bearing Reg. No JCS17018 respectively satisfactorily completed the project work entitled "OPINION MINING OF EARLIER FEEDBACK OF CUSTOMER IN SHOPPING WEBSITES" and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.

*Geethanjali R*  
Signature of Guide

MS. Geethanjali R

Asst. Professor

PG Dept. of CS

JSSCACS College, Mysore

*Y.S.S* 21/5/19

*Smt. Sumanashree Y S*

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025.

*Y.S.S*  
Signature of HOD 6/5/19

Smt.Sumanashree Y S

HOD and Asst. Professor

PG Dept. of CS

JSSCACS College, Mysore



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous)



## CERTIFICATE

This is to certify that the project work entitled "*SECURE AND PRIVACY PRESERVING DIGITAL PAYMENT*" by NITHIN M bearing Register Number JCS17019 has successfully completed the project work in partial fulfillment of the award of *IV Semester Masters in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under University of Mysore) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of report work prescribed for the IV semester M.Sc.

*Geethanjali R*  
Signature of Guide

Geethanjali R  
Asst. Professor  
PG Dept. of CS, JSSCACS College, Mysore.

*Y. S. L.* 6/5/19  
Signature of HOD

Sumanashree Y S  
HOD and Assistant Professor  
PG Dept. of CS, JSSCACS College, Mysore.

Date of Examination:

Name and Signature of the Examiners:

1.

2.

*[Signature]* 8/15/19  
*[Signature]*

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Govt Road, Mysore - 570 025

# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(AUTONOMOUS)



## CERTIFICATE

This is to certify that the project work entitled "financial fraud detection with anomaly feature detection" by **Nithya.S.N**, bearing Register Number **JCS17020** has successfully completed the project work in partial fulfillment for the award of the **Master of Computer Science** by JSS college of Arts, Commerce & Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-2019.

SIGNATURE OF GUIDE

Smt. Apoorva S

Asst. professor

Dept. of CS, JSS College, Mysore

SIGNATURE OF HOD 8/5/19

Smt. Sumanashree Y S

PG Department of Computer Science  
Asst. Professor & HOD  
JSS College of Arts, Commerce & Science

Dept, of CS, JSS College, Mysore  
CCKY Road, Mysore-570 025.

Candidate Name: Nithya S N

Register Number: JCS17020

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous affiliated by University of Mysore)



## CERTIFICATE

This is to certify that the project work entitled "LOCATION ALARM" POORNIMA.V Bearing Register Number JCS17022 has successfully completed the Project work in partial fulfillment of the award of *Masters in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of Project work prescribed for M.Sc.

  
Signature of Guide

**Anusha**  
Asst. Professor  
PG Dept. of CS, JSSCACS, Mysore

  
Signature of HOD 6/5/19


**Sumanashree Y S**  
HOD and Asst. Professor  
PG Dept. of CS, JSSCACS, Mysore

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Coty Road, Mysore-570 025.

Date of Examination: 8/5/2019

Name and Signature of the Examiners:

1.  8/5/19

2. 

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous, under the Mysore University)



Place: Mysore

## CERTIFICATE

This is certify that Ms. **Prakruthi.P** bearing Reg.No **JCS17023** satisfactorily completed the project work entitled as **IOT PLANT MONITORING SYSTEM** and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.


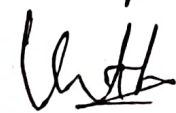
  
Signature of Guide 6/5/19

  
Signature of HOD 6/5/19

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025.

### VALUED

#### Name and Signature of Examiners

-  8/5/19 Dr. K. Siddharaju
-  08/05/19 Venitha.S

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College Affiliated to University of Mysore,

Re-Accredited By NAAC with 'A' Grade,

Ooty Road, Mysuru-570025.

**PG Department of Computer Science.**



## CERTIFICATE

This is certify that Ms. **Ranjitha.M.R.**, bearing Reg.No **JCS17024** respectively satisfactorily completed the project work entitled " **Emotion Recognition On Twitter: Comparative Study and Training a Unison Model**" and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.

*Anusha*

Signature of Guide

*G.S.S.*

Signature of HOD 06/05/19

**PG Department of Computer Science**  
**JSS College of Arts, Commerce & Science**  
**(Autonomous)**

Goty Road, Mysore-570 025.

Date of the Examination:

**VALUED**

**Name and Signature of Examiners**

1. Dr. K. Siddasaju

2. Venitha S

*[Signature]*  
08/05/19


08/05/19


**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**

(Autonomous)



This is certify that Ms. Sampritha G.A bearing Reg.No JCS17025 satisfactorily completed the project work entitled “ VIDEO BASED GENRE CLASSIFICATION” and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.

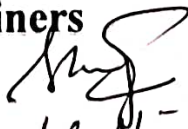
  
**Signature of Guide**  
 Ms. Vinitha.S  
 Asst.Professor  
 Dept.of CS,JSSCollege,Mysore

  
**Signature of HOD** - 6/5/19  
 Smt. Sumanashree.Y.S  
 PG Department of Computer Science,  
 HOD of dept. of cs, JSS college,  
 JSS College of Arts, Commerce & Science,  
 Mysore (Autonomous)  
 Goty Road, Mysore-570 025.

**Date of the Examination:****VALUED****Name and Signature of Examiners**

1. Dr. K. Sidelaraju

2. Vinitha.S




08/05/19


**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous)

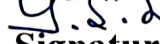


**CERTIFICATE**

This is certify that Mr./Ms.SATHISHA M bearing Reg.No JCS17028 satisfactorily completed the project work entitled "CROSS-POSE FACE RECOGNITION" and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year2018-2019.

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025.



  
**Signature of Guide**  
(Apoorva S)  
Assistant Professor  
Dept. of Computer Science,  
JSS college, Mysore

  
**Signature of HOD - 6/5/19**  
(Smt.Sumanashree Y S)  
HOD and Assistant professor  
Dept. of Computer Science,  
JSS college, Mysore

**Date of the Examination:**

**VALUED**

**Name and Signature of Examiners**

1. Dr. K. Siddasaju  8/5/19
2. Vinithas  08/05/19

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous, under the Mysore University)



## CERTIFICATE

This is certify that Ms. Sneha R bearing Reg.No JCS17029 satisfactorily completed the project work entitled as "Product review analysis and rating through data mining" and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.



Signature of Guide

Signature of HOD 6/5/19

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Gokul Road, Mysore-570 025

### VALUED

#### Name and Signature of Examiners

1. Dr. K. Siddaswain  8/5/19
2. V. Anitha S  08/05/19



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College Affiliated to University of Mysore,

Re-Accredited By NAAC with 'A' Grade,

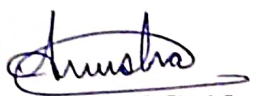
Ooty Road, Mysuru-570025.

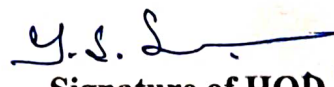
**PG Department of Computer Science.**



## CERTIFICATE

This is certify that Ms. Sowmya K.P., bearing Reg.No JCS17030 respectively satisfactorily completed the project work entitled "Scalable and Privacy Preserving Friend Matching in Mobile Cloud" and submitted the report in the partial fulfillment for the award of the degree of Master of Science in Computer Science in the academic year 2018-2019.

  
Signature of Guide

  
Signature of HOD 6/10/19

Date of the Examination:

PG Department of Computer science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025.

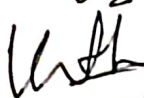
### VALUED

Name and Signature of Examiners

1. Dr. K. Siddaraju

  
08/05/19

2. Venitha.S

  
08/05/19

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous)

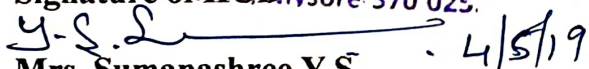


**CERTIFICATE**

This is to certify that the project work entitled "**SECURE DATA RETRIEVAL FOR DECENTRALIZED DISRUPTION-TOLERANT MILITARY NETWORK**" **SOWMYA P** bearing Register Number **JCS17031** has successfully completed the Project work in partial fulfillment of the award of **Masters in Computer Science** by JSS college of Arts, Commerce and Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-19.

  
Signature of Guide

**Apoorva. S**  
Asst. Professor  
Dept. of CS, JSS College, Mysore

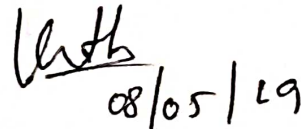
**PG Department of Computer Science**  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Mysore: 570 025.  
Signature of HOD  
  
**Mrs. Sumanashree Y S** 4/5/19  
HOD and Assistant Professor  
Dept. of CS, JSS College, Mysore

Examiners name and signature

1. Dr. K. Siddasaju

  
8/5/19

2. Vinita.S

  
08/05/19

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous)



## CERTIFICATE

This is to certify that Mr. *SUPRITH N* bearing Register Number *JCS17032* has successfully completed the project work entitled "*PROTECTION OF PERSONAL DATA IN CLOUD USING AUTHENTICATION*" and submitted the report in partial fulfillment of the award of *Master in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of report work prescribed for M.Sc.

*Y. S. S.*  
Signature of Guide 06/05/19

*Y. S. S.*  
Signature of HOD 06/05/19  
PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Coty Road, Mysore-570 025.

**Date of Examination:**

**NAME AND SIGNATURE OF EXAMINERS:**

1. Dr. K. Siddaraju *K. Siddaraju* 08/05/19

2. Vinitha.S *Vinitha.S* 08/05/19

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(Autonomous)



**CERTIFICATE**

This is to certify that the project work entitled "MITIGATING CROSS-SITE SCRIPTING ATTACK WITH A CONTENT SECURITY POLICY" by TEJASWINI bearing Register Number JCS17033 has successfully completed the Project work in partial fulfillment of the award of *Masters in Computer Science* by JSS college of Arts, Commerce and Science (Autonomous, under the Mysore University) Mysore, during the academic year 2018-19. The work has been approved as it satisfies the Academic requirement in respect of Project work prescribed for the IV semester M.Sc.

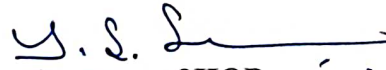
  
Signature of Guide

Mrs.Sumanashree Y.S  
Asst. Professor  
Dept. of CS, JSS College, Mysore

Date of Examination: 08/05/19

Name and Signature of the Examiners:

1. Dr. K. Siddharaju
2. Vinitha S


  
Signature of HOD 6/5/19

Mrs. Sumanashree Y S  
HOD and Assistant Professor  
Dept. of CS, JSS College, Mysore

PG Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)

Govt Road, Mysore-570 025.

  
8/5/19

  
08/05/19

# 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 **Abhishek Patel SP (P01BE21S0038)**, has successfully completed his final semester project work entitled **"VEHICLE SERVICE SYSTEM"** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

*Shenithi.K*  
Signature of the Guide

*G.S.L.* 2/9/2023  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru 570 025

### VALUED

Name and signature of the Examiners:

1. *Setha*
2. *Shenithi.K 7/9/23.*

**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 **Aishwarya N (P01BE21S0039)**, has successfully completed her final semester project work entitled "**FARMER'S AGRO**" and submitted the report in partial fulfillment of the requirement of IV Semester, **Master of Science in Computer Science** by **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 M.Sc.

Divakar T.K  
Signature of the Guide

Y.S.L  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

**VALUED**

Name and signature of the Examiners:

1. Silva
2. Shanthi K 7/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

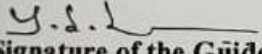
Re-Accredited by NACC with „A” Grade,

Ooty Road, Mysuru-570 025



## CERTIFICATE

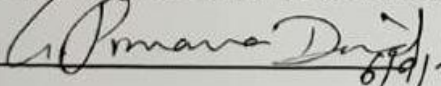
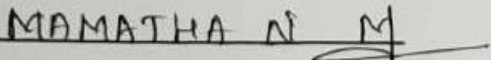
This is to certify that **Anusha H S(P01BE21S0012)**, has successfully completed her final semester project work entitled “**Charity data analysis**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **JSS College of Arts, 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 M.Sc.

  
Signature of the Guide 4/4/2023

  
Signature of the HOD 4/9/2023  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

### VALUED

Name and signature of the Examiners:

-   
6/9/2023
-   
MAMATHA N M

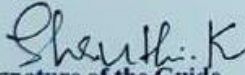
# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE


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



## CERTIFICATE

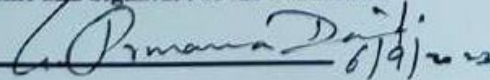
This is to certify that **Anushree(P01BE21S0010)** have successfully completed the major project on entitled "**Signature Verification System to Detect Fraud**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by JSS College of 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 M.Sc.

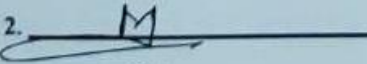
  
Signature of the Guide

  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

## VALUED

Name and Signature of the Examiners:

1. 

2. 



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE  
An Autonomous College, Affiliated to University of Mysore

Re-accredited by NACC with 'A' Grade,

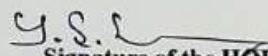
Ooty Road, Mysuru - 570 025



### CERTIFICATE

This is to certify that **Arfa Firdous(P01BE21S0240)** have successfully completed the project work entitled "**Event Organizers**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.

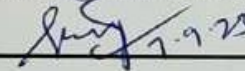
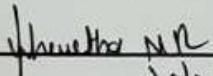
  
Signature of the Guide 5/9/2023

  
Signature of the HOD 5/9/2023

Department of Computer Science  
& Software Engineering (Autonomous)  
Ooty Road, Mysuru-570 025

### VALUED

Name and Signature of the Examiners:

1.   
7/9/23
2.   
7/9/23

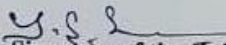
# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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Ooty Road, Mysuru - 570 025



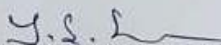
## CERTIFICATE

This is to certify that **Ashrutha A (P01BE21S0002)** has successfully completed the project entitled "**DETECTION OF CHILD HARASSMENT ON SOCIAL MEDIA**" and submitted the report in partial fulfilment of the requirement of **Master of Science in Computer Science by 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 M.Sc.

  
Signature of the Guide

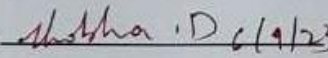

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

VALUED

  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

Name and Signature of the Examiners:

1.  6/9/23
2.  6/9/23

# 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 **Ashwini S(P01BE21S0016)** have successfully completed the major project on entitled "**Online restaurant table reservation**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.

*Shenith.K*

Signature of the Guide

*Y.S.L* 4/9/2023  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
Autonomous  
Ooty Road, Mysuru-570 025

## VALUED

Name and Signature of the Examiners:

1. *Shobha D.* 6/9/23
2. *Y.S.L* 6/9/2023

**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 **Basavanna K U (P01BE21S0026)**, has successfully completed the project work entitled "**Proud Farmer**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

Divakar. T.K  
Signature of the Guide

Y.S.S. 2/9/23  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

**VALUED**

Name and Signature of the Examiners:

1. A. Pragna D 6/9/2023
2. MAMATHA N M


**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 **Bhoomika G U (P01BE21S0043)** has successfully completed her project entitled **"DIABETES PREDICTION USING MACHINE LEARNING"** and submitted the report in partial fulfilment of the requirement of **IV Semester, Master in Computer Science** by **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 M.Sc.**

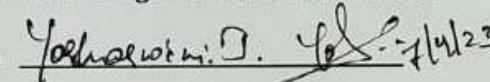
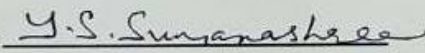

  
Signature of the Guide

  
Signature of the HOD 6/9/2023

VALUED

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

Name and Signature of the Examiners:

1.  7/9/23
2.   
  
7/9/2023

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

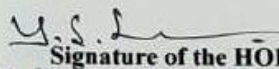
An Autonomous College, Affiliated to University of  
Mysore Re-accredited by NACC with 'A' Grade,  
Ooty Road, Mysuru - 570 025



## CERTIFICATE

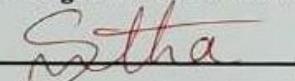
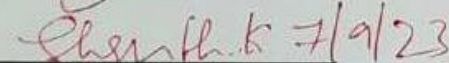
This is to certify that **Bhoomika M H (P01BE21S0051)**, have successfully completed the term work entitled "**Finance planning**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master in Computer Science by JSS College of Arts, Commerce and Science, Mysuru**, during 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 term work prescribed for IV Semester M.Sc.

  
Signature of the Guide

 4/9/2023  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

## VALUED

Name and Signature of the Examiners:

1. 
2.  7/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

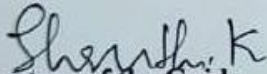
Re-accredited by NACC with 'A' Grade,

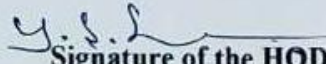
Ooty Road, Mysuru – 570025



## CERTIFICATE

This is to certify that **Chaithra(P01BE21S0020)**, have successfully completed the project work entitled “**SSA CAMPUS UPDATES PORTAL**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master in Computer Science** by **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 MSc.

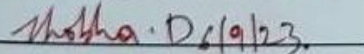
  
Signature of the Guide

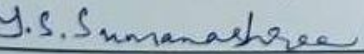
 4/19/23  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru 570025

VALUED

Name and Signature of the Examiners:

1.  6/19/23

2. 



6/19/2023

# 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 **Chethan S (P01BE21S0024)**, has successfully completed his final semester project work entitled "E-Repair Hub" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.

Divakaros.T.K  
Signature of the Guide

G. S. S. 2/9/23  
Signature of the HOD  
HOD, Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru - 570 025

### VALUED

Name and signature of the Examiners:

1. G. Pragna Datta 6/1/2023
2. MAMATHA N M.



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

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Ooty Road, Mysuru-570 025



## CERTIFICATE

This is to certify that **Deepa M (P01BE21S0022)**, has successfully completed her final semester project work entitled "**Fabric Defect Detection Using Image Processing**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

*Divakar T.K*  
Signature of the Guide

*Y.S.L*  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

### VALUED

Name and signature of the Examiners:

1. *Prerna D* 6/9/2023
2. *MAMATHA N M*

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

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Ooty Road, Mysuru-570 025



## CERTIFICATE

This is to certify that **Dhanya Sri R (P01BE21S0005)**, has successfully completed her final semester project work entitled "**CAPTURED MOMENTS**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.**

Divyasa T.K  
Signature of the Guide

Y.S.L 5/9/2023  
Signature of the HOD

HOD, Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road Mysuru 570 025

### VALUED

Name and signature of the Examiners:

- Shobha D. 6/9/23
- Y.S.L 6/9/2023

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
**An Autonomous college Affiliated University of Mysore**  
**Re-Accredited by NACC with 'A' Grade,**  
**Ooty Road, Mysuru-570025**



**CERTIFICATE**

This is to certify that **DIVYA S KOLIWAD (PO1BE21SO420)** have successfully completed the project work entitled "**REMIND ME**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master in Computer Science** by **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 M.Sc.**

*Y. S. L.*  
**Signature of the Guide**  
6/9/2023

*Y. S. L.*  
**Signature of the HOD**  
6/9/2023

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

**VALUED**

**Name and Signature of the Examiners:**

- 1) *[Signature]* 7/9/23
- 2) *[Signature]* - N.K  
7/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore


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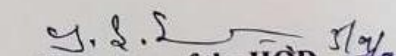
Ooty Road, Mysuru-570 025



## CERTIFICATE

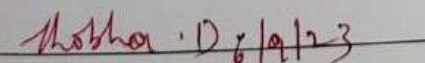
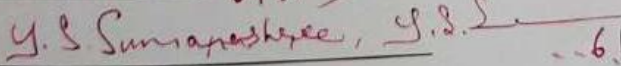
This is to certify that **Dyuthi S (P01BE21S0006)**, has successfully completed her final semester project work entitled **"FINANCIAL MANAGEMENT"** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **JSS College of Arts, Commerce 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 M.Sc.

  
Signature of the Guide

  
Signature of the HOD  
Department of Commerce  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

## VALUED

Name and signature of the Examiners:

1.  08/09/23
2.  06/09/2023

# 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 **Harshini A (P01BE21S0050)** has successfully completed the project entitled **"VOICE BASED E-MAIL SYSTEM FOR BLIND PEOPLE"** and submitted the report in partial fulfilment of the requirement of **Master of Science in Computer Science** by **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 M.Sc.

Y.S.L  
Signature of the Guide 7/9/2023

Y.S.L  
Signature of the HOD 7/9/2023

DEPARTMENTS OF COMMERCE & SCIENCE  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

### VALUED

Name and Signature of the Examiners:

1. *Ritha*
2. *Shankar K* 7/9/23

# 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 **Harshitha J P (P01BE21S0037)**, has successfully completed her final semester project work entitled "**Crop yield prediction**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.


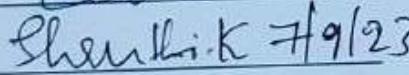
  
Signature of the Guide

 4/9/2023  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

### VALUED

Name and signature of the Examiners:

1. 
2.  7/9/23

**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 **HARSHITHA M B(P01BE21S0036)**, has successfully completed her final semester project work entitled "**Graphical Password Authentication**" and submitted the report in partial fulfilment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.

*Y. S. L.* 6/9/2023  
Signature of the Guide

*Y. S. L.* 6/9/2023  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

**VALUED**

**Name and Signature of the Examiners:**

1. *Harshitha*
2. *Shruthi K* 7/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

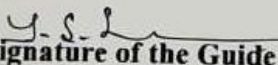
Re-accredited by NACC with 'A' Grade,

Ooty Road, Mysuru - 570025



## CERTIFICATE

This is to certify that **Harshitha P (P01BE21S0044)**, have successfully completed her final semester project work entitled "AUTOMATIC TIMETABLE GENERATOR" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Science in Computer Science by 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 M.Sc.

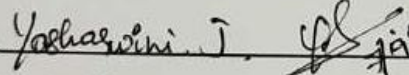
  
Signature of the Guide - 6/9/2023

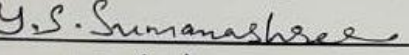
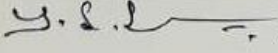
  
Signature of the HOD - 6/9/2023

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru - 570025

### VALUED

Name and signature of the Examiners:

1.  7/9/23

2.   
 7/9/2023



# 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 R (P01BE21S0047)**, has successfully completed his final semester project work entitled "**Anti-Theft Alarm System**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.

Divakar T.K  
Signature of the Guide

Y.S.S. 2/9/2023  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

### VALUED

Name and signature of the Examiners:

1. Yashawini J YS 7/9/23
2. Y.S. Sumanthara  
YS.S. 7/9/2023

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

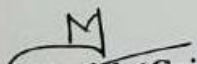
Re-Accredited by NACC with 'A' Grade,

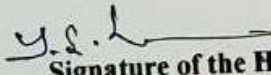
Ooty Road, Mysuru-570 025



## CERTIFICATE

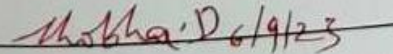

This is to certify that **Madalambika H C (P01BE21S0018)**, has successfully completed her final semester project work entitled "Quality Risk Analysis For Water" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Science in Computer Science by JSS College of 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 M.Sc.

  
Signature of the Guide

 6/3/2023  
Signature of the HOD  
Ooty Road, Mysuru-570 025  
(Autonomous)  
JSS College of Arts, Commerce & Science  
Department of Computer Science

### VALUED

Name and signature of the Examiners:

1.  6/9/23
2.  Y.S. Sumanthra

# 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 **Mahendra N (P01BE21S0057)**, has successfully completed his final semester project work entitled "**Water Resource Monitoring using Satellite Images**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.

Signature of the Guide

Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

## VALUED

Name and signature of the Examiners:

1.

2.   
1/9/23

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 **Maheshwari M (P01BE21S0021)** have successfully completed the project work entitled **"Tourism Itinerary"** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

*Cherthi. K*  
Signature of the Guide

*G.S.L.* 5/7/2023  
Signature of the HOD

**Department of Commerce - Science**  
**JSS College of Arts, Commerce & Science**  
**(Autonomous)**  
Ooty Road, Mysuru - 570 025

### VALUED

Name and Signature of the Examiners:

- G. Praveena D* 6/9/2023
- MAMATHA N M**

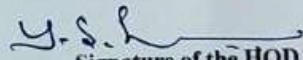
**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
An Autonomous College, Affiliated to University of Mysore  
Re-accredited by NACC with 'A' Grade,  
Ooty Road, Mysuru - 570 025



**CERTIFICATE**

This is to certify that **Mallika k (P01BE21S0007)** have successfully completed the major project on entitled "**Vitamin Deficiency Detection Using Image Processing and Neural Networks**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.**

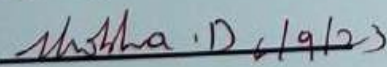
  
Signature of the Guide


  
Signature of the HOD  
6/9/2023

By Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

**VALUED**

Name and Signature of the Examiners:

1.  6/9/23

2.  6/9/2023

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

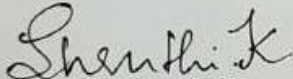
An Autonomous College, Affiliated to University of Mysore

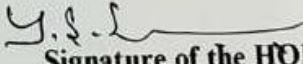
Re-Accredited by NACC with 'A' Grade,  
Ooty Road, Mysuru-570 025



## CERTIFICATE

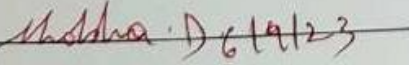
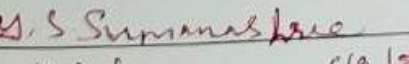
This is to certify that **Menaka H M (P01BE21S0019)**, has successfully completed her final semester project work entitled "INTERNET SHOP" and submitted the report in partial fulfillment of the requirement of IV Semester, **Master of Science in Computer Science by JSS College of Arts, Commerce and Science, 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 M.Sc.

  
Signature of the Guide

  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road Mysuru 570 025

## VALUED

Name and signature of the Examiners:

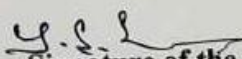
1.   
6/9/23
2.   
6/9/2023

**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 **Minaz Dawood Pathan (P01BE21S0094)**, has successfully completed the project work entitled "Fruits and Vegetable Quality Detection" and submitted the report in partial fulfilment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.

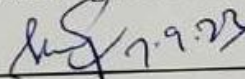
  
Signature of the Guide

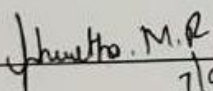
 6/9/23  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science,  
(Autonomous)  
Ooty Road, Mysuru-570 025

**VALUED**

**Name and Signature of the Examiners:**

1.  7.9.23

2.  M.R. 7/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

Re-Accredited by NACC with 'A' Grade,

Ooty Road, Mysuru - 570025



## CERTIFICATE

This is to certify that **MOULYASHREE A R (P01BE21S0049)**, has successfully completed her project work entitled "**CROP RECOMMENDATION AND PLANT DISEASE IDENTIFICATION SYSTEM**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

Signature of the Guide

Date of Examination: 07/09/2023

Name and Signature of the Examiners: 1. Setha

2. Shenkh. K 7/9/23

Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru - 570025



# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

An Autonomous college Affiliated to university of Mysore  
Re-Accredited by NACC with 'A' Grade,  
Ooty Road, Mysore -570025



## CERTIFICATE

This is to certify that Neela has successfully completed the main project entitled "A Patient Centric Health Information Exchange Framework Using AWS S3 Service" and submitted the report in partial fulfilment of the award of 4<sup>th</sup> semester Master in computer science by JSS college of Arts, Commerce & Science Mysore, during the academic year 2022-23. The work has been approved as it satisfies the academic requirement in respect of work prescribed for the 4<sup>th</sup> semester M.Sc.



  
Signature of guide

Date of examination: 07/09/2023

Valued  
Name and signature of examiner

  
Signature of HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

- 1) 
- 2) 

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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Ooty Road, Mysuru-570 025



## CERTIFICATE

This is to certify that **Pragna G (P01BE21S0008)**, has successfully completed her final semester project work entitled "**The Prettythings Makeover**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

Divakar T. K  
Signature of the Guide

Y. S. S. 21/4/2023  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

## VALUED

Name and signature of the Examiners:

- A. Prameya D. 6/9/2023
- MAMATHA N.

# 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 **Prajwal K R (P01BE21S0054)**, has successfully completed his final semester project work entitled **"ATTRIBUTE BASED ENCRYPTION WITH PRIVACY PROTECTION"** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.

*Divakar T.K*  
Signature of the Guide

*Y.S.d* 21/9/2023  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

### VALUED

Name and signature of the Examiners:

1. *[Signature]* 7.9.23
2. *Shwetha M.R* *[Signature]* 21/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

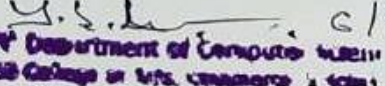
An Autonomous College, Affiliated to University of Mysore  
Re-accredited by NACC with 'A' Grade,  
Ooty Road, Mysuru - 570 025



## CERTIFICATE

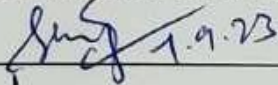
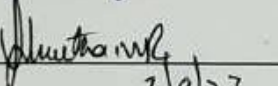
This is to certify that **PRANAV KASHYAP MR (P01BE21S0055)** has successfully completed the project entitled "EROVRA" and submitted the report in partial fulfilment of the requirement of **Master in Computer Science by JSS College of Arts, Commerce and Science, Mysuru**, during the academic year **2022 - 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 M.Sc.

  
Signature of the Guide

 6/9/2023  
Head of Department  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
Signature of the Head of Department  
Ooty Road Mysuru - 570 025

## VALUED

Name and Signature of the Examiners:

1.  1.9.23
2.  7/9/23

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**

**An Autonomous College, Affiliated to University of Mysore**

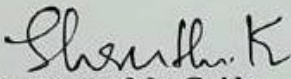
**Re-accredited by NACC with 'A' Grade,**

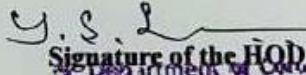
**Ooty Road, Mysuru - 570 025**



**CERTIFICATE**

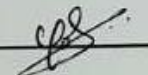

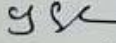
This is to certify that **PRIYANKA A (P01BE21S0033)** have successfully completed the final year project entitled "**E-FABRIC STORE**" and submitted the report in partial fulfilment of the requirement of **IV Semester, Master in Computer Science** by **JSS College of Arts, Commerce and Science, Mysuru**, 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 prescribed for IV Semester MSc.

  
**Signature of the Guide**

 4/9/2023  
**Signature of the HOD**  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

**VALUED**

**Name and Signature of the Examiners:**

1.  Yashawini S.
2.  Y.S. Suresh  
  
- 7/9/2023

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Ooty Road, Mysuru - 570 025



## CERTIFICATE

This is to certify that **Priyanka P(P01BE21S0004)** has successfully completed the project work entitled "Giftery" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Computer Science by 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 M.Sc.

Divakar, T. K  
Signature of the Guide

Y. S. S. 2/9/2023  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru - 570 025

### VALUED

Name and Signature of the Examiners:

1. Madhava D 6/9/23
2. Y. S. S. 6/9/2023

# 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 G A (P01BE21S0013)**, has successfully completed her final semester project work entitled "**Image Based Steganography using Python**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 MSc.

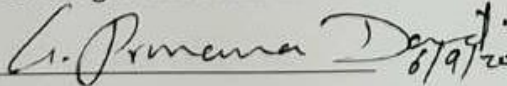

  
Signature of the Guide

 4/9/2023  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
Autonomous  
Ooty Road, Mysuru 570 025

### VALUED

Name and signature of the Examiners:

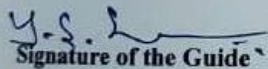
1.  8/9/2023
2. MAMATHA N 

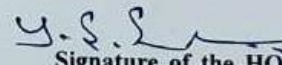
**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
An Autonomous College, Affiliated to University of Mysore  
Re-accredited by NACC with 'A' Grade,  
Ooty Road, Mysuru - 570 025



**CERTIFICATE**

This is to certify that **Rakshitha S D (P01BE21S0003)**, has successfully completed the project work entitled "**Zoological Garden**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

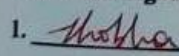
  
Signature of the Guide 2/9/2023

  
Signature of the HOD 2/9/23

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru 570 025

**VALUED**

Name and Signature of the Examiners:

1.  [SHOBHA D]

2.   
6/9/2023



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

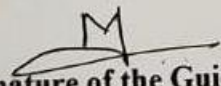
An Autonomous College, Affiliated to University of Mysore

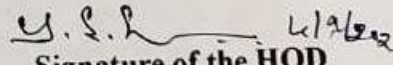
Re-Accredited by NACC with 'A' Grade,  
Ooty Road, Mysuru-570 025



## CERTIFICATE

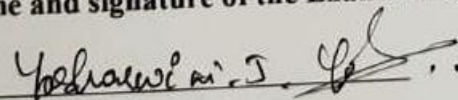
This is to certify that **Ramya G M (P01BE21S0027)**, has successfully completed her final semester project work entitled "**Predicting Socio-Economic Status from Satellite Imagery Using Machine Learning Algorithms**" and submitted the report in partial fulfillment of the requirement of IV Semester, **Master of Science in Computer Science by 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 M.Sc.

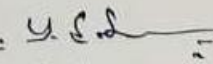
  
Signature of the Guide

  
Signature of the HOD

### VALUED

Name and signature of the Examiners:

1. 

2. Y. S. Sumanashree   
7/9/2023

Department of Computer Science  
JSS College of Arts, Commerce & Science,  
(Autonomous)  
Ooty Road Mysuru-570 025

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore


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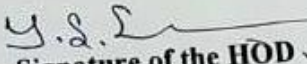
Ooty Road, Mysuru-570 025



## CERTIFICATE

This is to certify that **Rohini J S (P01BE21S0104)**, has successfully completed his final semester project work entitled "**SECURE ORGAN DONATION**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.


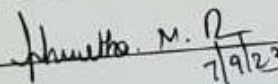
  
Signature of the Guide

 5/9/2023  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

### VALUED

Name and signature of the Examiners:

-  7/9/23
-  M. R. 7/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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Ooty Road, Mysuru - 570 025



## CERTIFICATE

This is to certify that **Divyashree S (P01BE21S0029)**, have successfully completed the project work entitled "**Crime Records**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 term work prescribed for **IV Semester M.Sc.**

*Shreshthi. K*  
Signature of the Guide

*Y.S.L*  
Signature of the HOD 2/9/2023  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

## VALUED

Name and Signature of the Examiners:

1. *Yashawini J* 2/9/23

2. *Y.S. Sunamshree*  
*Y.S.L*  
2/9/2023

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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Ooty Road, Mysuru-570 025



## CERTIFICATE

This is to certify that **Mallesh S (P01BE21S0056)**, has successfully completed his final semester project work entitled "**MARK GEO**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

Divakar T.K  
Signature of the Guide

Y.S.L 5/9/2023  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

### VALUED

Name and signature of the Examiners:

1. [Signature] 7/9/23

2. [Signature] 7/9/23

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Ooty Road, Mysuru-570 025



## CERTIFICATE

This is to certify that **Sahana M (P01BE21S0023)**, has successfully completed her final semester project work entitled “**Sports Club System**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

*Divakar T.K*  
Signature of the Guide

*Y.S.L.* 2/9/2023  
Signature of the HOD  
of Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road Mysuru 570 025

### VALUED

Name and signature of the Examiners:

1. *A. Prerna Devi* 6/9/2023
2. MAMATHA N

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore

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Ooty Road, Mysuru - 570 025



## CERTIFICATE

This is to certify that **Shabari Shedthi S (P01BE21S0048)** have successfully completed the project entitled "**Blood Bank System**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 prescribed for **IV Semester M.Sc.**

Signature of the Guide

Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

## VALUED

Name and Signature of the Examiners:

- 1.
2. 7/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

An Autonomous College, Affiliated to University of Mysore


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Ooty Road, Mysuru-570 025



## CERTIFICATE


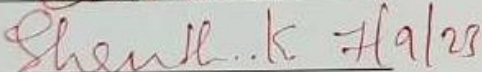
This is to certify that **Shashank J M (P01BE21S0053)**, has successfully completed his final semester project work entitled "**VIDEO BASED VEHICLE DETECTION AND COUNTING SYSTEM**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

  
Signature of the Guide

 2/9/2023  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
Mysuru

### VALUED

Name and signature of the Examiners:

1. 
2.  7/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

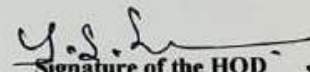
An Autonomous College, Affiliated to University of Mysore  
Re-accredited by NACC with 'A' Grade,  
Ooty Road, Mysuru – 570 025



## CERTIFICATE

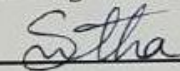
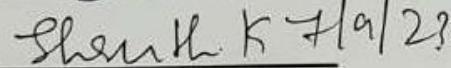
This is to certify that **Shwetha BL (P01BE21S0041)** have successfully completed the major project on entitled "**Online Fire Reporting System**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master in Computer Science by JSS College of Arts, Commerce and Science, 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 M.Sc.

  
Signature of the Guide

  
Signature of the HOD  
Mr. Department of Computer Science  
JSS College of Arts, Commerce & Science,  
(Autonomous)  
Ooty Road, Mysore-570 025  
7/9/2023

## VALUED

Name and Signature of the Examiners:

1. 
2.  7/9/23



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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 **Sindhu (P01BE21S0011)**, has successfully completed her final semester project work entitled "**Maturity Identification Of Muskmelon Using Texture Feature**" and submitted the report in partial fulfillment of the requirement of IV Semester, **Master of Science in Computer Science by 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 M.Sc.

Divakar T.K  
Signature of the Guide

Y.S.L.  
Signature of the HOD  
HOD, Department of Computer Science,  
JSS College of Arts, Commerce & Science,  
(Autonomous)  
Ooty Road, Mysuru-570 025.

### VALUED

Name and signature of the Examiners:

- Praveena D. 6/9/2023.
- MAMATHA N

# 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 **Sindhu M (P01BE21S0040)**, has successfully completed her final semester project work entitled **"Twitter Spam Detection"** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

Divakar T.K  
Signature of the Guide

Y.S.L. 2/9/23  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru - 570 025

### VALUED

Name and signature of the Examiners:

1. Stha
2. Shankar K 7/9/23

# 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 **Sonu H L (P01BE21S0014)**, has successfully completed her final semester project work entitled "**Internet Raw Honey**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

Y. S. S.  
Signature of the Guide 2/9/2023

Y. S. S. 2/9/2023  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru 570 025

### VALUED

Name and signature of the Examiners:

1. G. Praveena D 6/9/2023
2. MAMATHA N M

# 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 **Spothi K N (P01BE21S0025)**, have successfully completed her final semester project work entitled “**FRAUD APP DETECTION**” and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

Signature of the Guide

Signature of the HOD

Head of the Department  
of M.Sc. Commerce & Science  
(Autonomous)

Ooty Road, Mysuru-570 025.

### VALUED

Name and signature of the Examiners:

1. G. Pragna D 6/9/2023

2. MAMATHA N M

# 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 **Supriya V (P01BE21S0107)** has successfully completed the project entitled "**VIRTUAL COFFEY MACHINE**" and submitted the report in partial fulfilment of the requirement of **IV Semester, Master in Computer Science by 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 M.Sc.

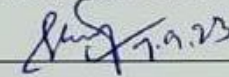
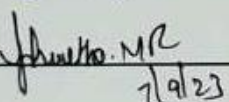
  
Signature of the Guide

 6/9/2023  
Signature of the HOD

DEPARTMENT OF CONTINUOUS EDUCATION  
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE -  
MYSURU  
Ooty Road, Mysuru - 570 025

## VALUED

Name and Signature of the Examiners:

1.  7/9/23
2.  7/9/23

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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## CERTIFICATE

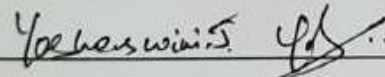
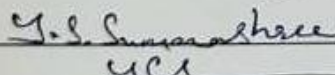
This is to certify that **Surekha Singh (P01BE21S0035)**, has successfully completed her final semester project work entitled **"Online Voting Solution"** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **JSS College of Arts, 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 M.Sc.

  
Signature of the Guide 4/9/2023

  
Signature of the HOD 4/9/2023  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

### VALUED

Name and signature of the Examiners:

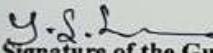
1.  4/9/2023
2.   
YCH 4/9/2023


**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
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Ooty Road, Mysuru – 570 025



**CERTIFICATE**

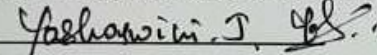
This is to certify that **Sushma B T (P01BE21S0042)**, has successfully completed her project work entitled "**Sea Marine Harvesting and Bidding**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **JSS College of Arts, Commerce 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 M.Sc.

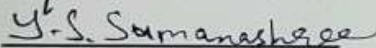
  
Signature of the Guide

 5/9/2023  
Signature of the HOD  
Department of Computer Science  
& Information Systems  
College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

**VALUED**

Name and Signature of the Examiners:

1. 

2. 

 7/9/2023

# 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 **Swarnagowri T M (P01BE21S0034)**, have successfully completed the project entitled "**Billing System Using Android Smartphone**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 prescribed for IV Semester M.Sc.

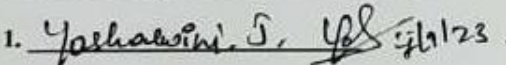
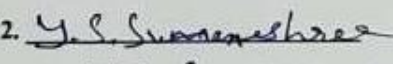

  
Signature of the Guide

 2/9/2023  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

## VALUED

Name and Signature of the Examiners:

1.  7/9/23
2.   
 7/9/2023




# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

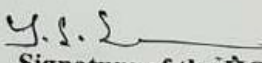
An Autonomous College, Affiliated to University of Mysore  
Re-accredited by NACC with 'A' Grade,  
Ooty Road, Mysuru - 570025



## CERTIFICATE

This is to certify that **Swathi K N (P01BE21S0015)**, have successfully completed her final semester project work entitled "FACIAL EMOTION RECOGNITION AND DETECTION" and submitted the report in partial fulfillment of the requirement of IV Semester, Master of Science in Computer Science by 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 M.Sc.

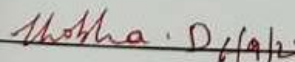
  
Signature of the Guide

 4/9/2023  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysore-570 025

VALUED

Name and signature of the Examiners:

1.  6/9/23

2.  6/9/2023

**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
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Ooty Road, Mysuru – 570 025



**CERTIFICATE**

This is to certify that **Thejashwini M (P01BE21S0046)**, has successfully completed her project work entitled "**Orphanage Connecting and Adoption**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

*Divakar T.K*  
Signature of the Guide

*Y.S. L.* 2/7/2023  
Signature of the HOD  
Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru 570 025

**VALUED**

Name and Signature of the Examiners:

1. *Yashodini J. Ph.* 7/7/23.
2. *Y.S. Suresh*  
*Y.S. L.*  
7/3/2023

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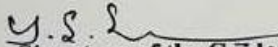
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## CERTIFICATE

This is to certify that **VikasKumar K (P01BE21S0045)**, has successfully completed the **project** work entitled "A Sketch-Based Safeguarding Against DDoS Assaults" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.**

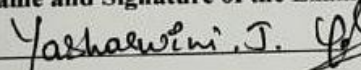
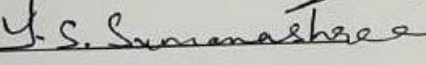

  
Signature of the Guide 4/9/2023

  
Signature of the HOD 4/9/2023

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru 570 025

## VALUED

Name and Signature of the Examiners:

1.  7/9/2023
2. 
-  (7/9/2023)

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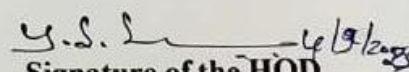
Ooty Road, Mysuru-570 025



## CERTIFICATE

This is to certify that **Sahana Y N (P01BE21S0028)**, has successfully completed her final semester project work entitled **"STUDENT INFORMATION CHATBOT SYSTEM"** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **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 M.Sc.

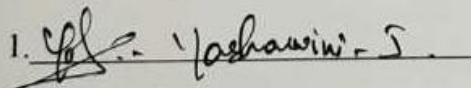
  
Signature of the Guide

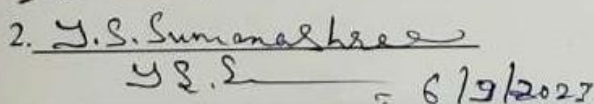
  
Signature of the HOD

Department of Computer Science  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road Mysuru 570 025

### VALUED

Name and signature of the Examiners:

1.  Yashawini S.

2.  Y.S. Sumanahree  
Y.S. 6/9/2023

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

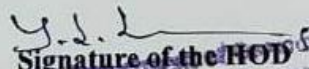
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Ooty Road, Mysuru – 570025



## CERTIFICATE

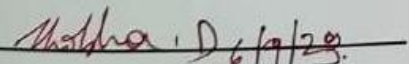
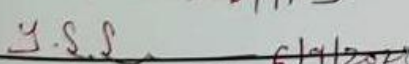
This is to certify that **Spoothi M A (P01BE21S0017)**, have successfully completed her final semester project work entitled **"VOLUME CONTROLLER"** and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science** by **JSS College of Arts, Commerce 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 M.Sc.

  
Signature of the Guide

  
Signature of the HOD  
Mrs. Kshama  
JSS College of Arts, Commerce & Science  
(Autonomous)  
Ooty Road, Mysuru-570 025

### VALUED

Name and signature of the Examiners:

1.  6/9/23
2.  6/9/23

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Road, Mysore -570025



## CERTIFICATE


This is to certify that **S Rajeshwari (P01BE21S0358)**, has successfully completed her final semester project work entitled "**A Student Certificate Attestation System Using Aws S3 Service**" and submitted the report in partial fulfillment of the requirement of **IV Semester, Master of Science in Computer Science by 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 M.Sc.

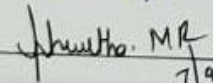
  
Signature of the Guide

  
Signature of the HOD 6/9/23  
HOD, Department of Computer Science,  
JSS College of Arts, Commerce & Science,  
(Autonomous)  
Ooty Road, Mysore-570 025.

VALUED

Name and signature of the Examiners:

1.  7/9/23

2.  MR 7/9/23