

# **AUDIO AND VIDEO CIPHERING**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**PRIYA DHARSHINI M**

**171CT001**

Under the guidance of

**Mr. N. SENTHIL KUMAR, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

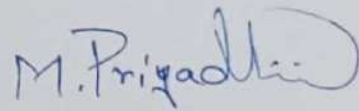
[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **PRIYA DHARSHINI M** declare that the Project work entitled “**AUDIO AND VIDEO CIPHERING**” submitted to Kongunadu Arts and Science College(Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study (2017 – 2020), under the Supervision of **Mr. N.SENTHIL KUMAR,M.C.A., M.Phil.,** Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



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**Signature of the Candidate**  
**(PRIYA DHARSHINI M)**

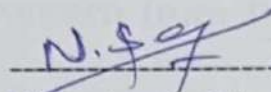
**Place : Coimbatore**

**Date : 19.03.2020**

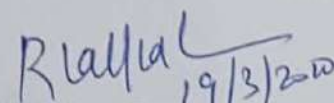
## CERTIFICATE

This is to certify that the Project work entitled "**AUDIO AND VIDEO CIPHERING**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by **Ms. PRIYA DHARSHINI M (171CT001)** during the period of study ( 2017 -2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: Coimbatore  
Date: 19.03.2020

  
Signature of the Guide  
(N. SENTHIL KUMAR MCA., M.Phil)

Countersigned

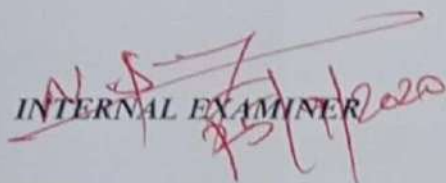
  
Head of the Department  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.

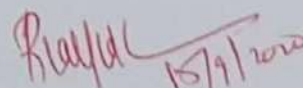


  
Principal

PRINCIPAL,  
Kongunadu Arts & Science College,  
COIMBATORE.

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# **REVERSIBLE DATA HIDING IN ENCRYPTED IMAGE WITH DISTRIBUTED SOURCE CODING**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfilment of the requirements for the  
award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**PRASANTH R**

**171CT002**

Under the guidance of

**Mrs. D. PRINCY M.Sc., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore - 641029.

MARCH-2020

## DECLARATION

I PRASANTH R declare that the Project work entitled "REVERSIBLE DATA HIDING IN ENCRYPTED IMAGE WTH DISTRIBUTED SOURCE CODING" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfilment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of my study (2017-2020) under the supervision of Mrs. D. PRINCY M.Sc., M.Phil., Assistant Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any University.

Prasanth R

**Signature of the candidate**

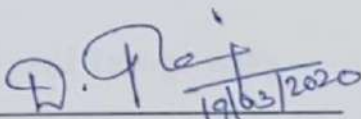
(PRASANTH R)

Place: Coimbatore

Date 19/03/2020

## CERTIFICATE

This is to certify that the project work titled "REVERSIBLE DATA HIDING IN ENCRYPTED IMAGE WITH DISTRIBUTED SOURCE CODING" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **PRASANTH R (171CT002)** during the period of study (2017-2020), under my supervision and guidance and that this project has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellow ship or similar title to any candidate of any university.

  
19/03/2020

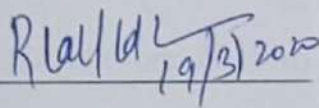
Place: COIMBATORE

Signature of the Guide

Date: 19/03/2020

(Mrs. D. PRINCY M.Sc., M.Phil.)

Countersigned

  
19/3/2020

Head of the Department

Dr. R. UMAGANDHI, Ph.D.,  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
641 029, TN

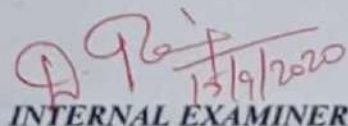


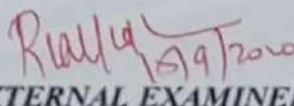


Principal

PRINCIPAL,  
Kongunadu Arts & Science College,  
COIMBATORE.

Submitted for Viva-Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

  
15/4/2020  
INTERNAL EXAMINER

  
15/4/2020  
EXTERNAL EXAMINER

# **UNIQUE IDENTITY IMPLEMENTATION**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

## **Bachelor of Science in Computer Technology**

Submitted by

VIGNESH S

**171CT005**

Under the guidance of

**Mrs. D. HEMALATHA M.Sc.CS., M.Phil.,**

Assistant Professor, Department of Computer Technology



## **Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **DISASTER MANAGEMENT SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

## **Bachelor of Science in Computer Technology**

Submitted by

**RAMYA S**

**171CT006**

Under the guidance of

**Mrs. D. PRINCY M.Sc., M.Phil.,**

Assistant Professor, Department of Computer Technology



## **Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **CLASSROOM MONITORING**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**PREETHA S**

**171CT007**

Under the guidance of

**Mrs. D. HEMALATHA M.Sc. CS., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **AUTOMOBILE SERVICE BOOKING**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**SARNATH R**

**171CT008**

Under the guidance of

**Mrs. D. HEMALATHA M.Sc. CS., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **FARMING ASSISTANT WEB SERVICE**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**GANESH KUMAR. P**

**171CT009**

Under the guidance of

**Mrs. G. VANI, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **P. GANESH KUMAR** declare that the Project work entitled "**FARMING ASSISTANT WEB SERVICE**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mrs. G. VANI, M.C.A., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



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*Signature of the Candidate*

**(GANESH KUMAR.P)**

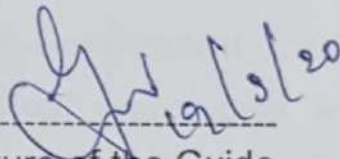
**Place : Coimbatore**

**Date : 19.03.2020**

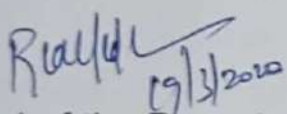
## CERTIFICATE

This is to certify that the Project work entitled "**FARMING ASSISTANT WEB SERVICE**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by **Mr. P. GANESH KUMAR (171CT009)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: Coimbatore  
Date: 19.03.2020

  
Signature of the Guide  
(G.VANI MCA., M.Phil)

Countersigned

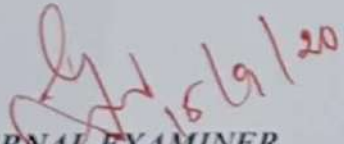
  
Head of the Department  
Dr. R. UMAGANDHI, Ph.D.,  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.

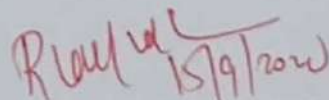


  
Principal

PRINCIPAL:  
Kongunadu Arts & Science College,  
COIMBATORE.

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# **SAFE DRIVING USING MOBILE PHONES**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**PUVI ARASU S**

**171CT010**

Under the guidance of

**Mrs. G. VANI, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

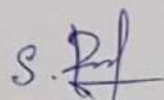
[College of Excellence (UGC)]

Coimbatore – 641 029.

**MARCH - 2020**

## DECLARATION

I **PUVI ARASU S** declare that the Project work entitled "**SAFE DRIVING MOBILE PHONES**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mrs. G. VANI, M.C.A., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



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**Signature of the Candidate**

**S. PUVI ARASU**

**(171CT010)**

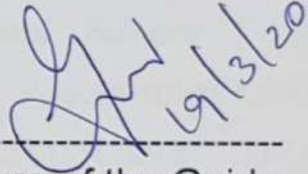
**Place : Coimbatore**

**Date : 19/03/2020**

## CERTIFICATE

This is to certify that the Project work entitled "**SAFE DRIVING USING MOBILE PHONES**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by **PUVI ARASU S (171CT010)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award of any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

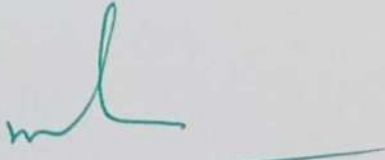
Place: *Coimbatore*  
Date: *19/03/2020*

  
Signature of the Guide  
(G. VANI MCA., M. Phil)

Countersigned

*Rulli 19/3/2020*  
Head of the Department  
*Dr. R. UMAGANDHI, Ph.D.,*  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.



  
Principal

PRINCIPAL  
Kongunadu Arts & Science College,  
COIMBATORE.

Submitted for Viva – Voce Examination held on **23.03.2020** at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

*Rulli 15/9/2020*  
INTERNAL EXAMINER

*Rulli 15/9/2020*  
EXTERNAL EXAMINER

# **AIRLINE FLIGHT SIMULATOR FOR OPTIMIZING RESERVATION SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)  
Affiliated to Bharathiar University in partial fulfillment of the requirements for the  
award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**RIYASUDEEN R**  
**Reg. No: 171CT011**

Under the guidance of

**Mrs. D. PRINCY M.Sc., M.Phil.,**



**Department of Computer Technology**

Kongunadu Arts and Science College (Autonomous)

[College of Excellence (UGC)]

Coimbatore - 641029.

MARCH-2020

## DECLARATION

I RIYASUDEEN R declare that the Project work entitled “**AIRLINE FLIGHT SIMULATOR FOR OPTIMIZING RESERVATION SYSTEM**” submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of my study ( 2017-2020) under the supervision of **Mrs. D. PRINCY M.Sc., M.Phil.,** Assistant Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any University.



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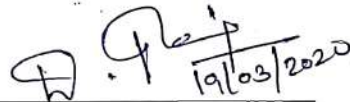
*Signature of the candidate*  
(RIYASUDEEN R)

Place: Coimbatore

Date : 19/03/2020

## CERTIFICATE

This is to certify that the project work titled **"AIRLINE FLIGHT SIMULATOR FOR OPTIMIZING RESERVATION SYSTEM"** submitted to Kongunadu Arts and Science College (Autonomous), affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **RIYASUDEEN R (171CT011)** during the period of study (2017-2020), under my supervision and guidance and that this project has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellow ship or similar title to any candidate of any university.

  
19/03/2020

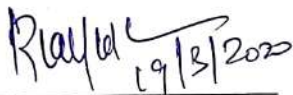
Place: Coimbatore

Signature of the Guide

Date: 19.03.2020

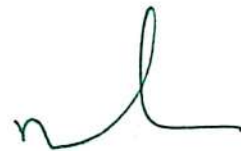
(Mrs. D. PRINCY M.Sc., M.Phil.)

Countersigned

  
19/3/2020

Head of the Department,  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.





Principal

PRINCIPAL,  
Kongunadu Arts & Science College  
COIMBATORE.

Submitted for Viva - Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore - 641 029.

  
15/4/2020  
INTERNAL EXAMINER

  
15/4/2020  
EXTERNAL EXAMINER

# **SYLLABUS SCHEDULING**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**NITHIYA DHARSHINI C S**

**171CT013**

Under the guidance of

**Mr.N.SENTHIL KUMAR M.Sc., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **HUMAN SAFETY APPLICATION**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**SHYAMSUNDER J**

**171CT014**

Under the guidance of

**Dr. R. UMAGANDHI MCA., M.Phil., Ph.D.**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# SOFTWARE PROTECTOR

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the  
award of the degree of

*Bachelor of Science in Computer Technology (B.Sc. CT.,)*

Submitted by

**AADARSH R**

**171CT015**

Under the guidance of

**Mrs. D. HEMALATHA, M.Sc. CS., M.Phil.**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore-641029

MARCH-2020

## DECLARATION

I **AADARSH R** declare that the Project work entitled “**SOFTWARE PROTECTOR**” submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study (2017 to 2020), under the Supervision of **Mrs. D. HEMALATHA M.Sc. CS., M.Phil., Associate Professor, Department of Computer Technology** at Kongunadu Arts and Science College (Autonomous), Coimbatore. The Project has not formed the basis for the award of any Degree / Diploma / Fellowship or similar title to any candidate of any University.



*Signature of the Candidate*  
(AADARSH R)

Place : Coimbatore

Date : 19.03.2020

# CERTIFICATE

This is to certify that the Project work titled "SOFTWARE PROTECTOR" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **Mr.AADARSH R (171CT015)** during the period of study (2017-2020) in the Department of Computer Technology at Kongunadu Arts and Science College, under my Supervision and guidance the project has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or similar title to any candidate of any university.

*D. Hester* 19/03/20 -

Place : *Coimbatore*

Signature of the Guide

Date : *19.03.2020*

(Mrs. D. HEMALATHA, MSc. CS., M.Phil.,)



Countersigned

*Rajiv* 19/3/2020  
Head of the Department  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College

*[Signature]*  
Principal

Kongunadu Arts & Science College  
COIMBATORE.

Submitted for Viva - Voce Examination held on **23.03.2020** at Kongunadu Arts and Science College (Autonomous), Coimbatore - 641 029.

*D. Hester* 15/09/20  
INTERNAL EXAMINER

*Rajiv* 15/9/2020  
EXTERNAL EXAMINER

# **SECURE DATA ACCESS CONTROL**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

## **Bachelor of Science in Computer Technology**

Submitted by

**PRAKASH B**

**171CT016**

Under the guidance of

**Dr. R. UMAGANDHI MCA., M.Phil., Ph.D.**

Assistant Professor, Department of Computer Technology



## **Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **MOBILE APPLICATION FOR MAKING PERSONAL DETAILS USING FINGERPRINT AUTHENTICATION**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**DHANAN JAYAN R**

**171CT017**

Under the guidance of

**Mrs. D. PRINCY M.Sc., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **DHANAN JAYAN R** declare that the Project work entitled **"MOBILE APPLICATION FOR MAKING PERSONAL DETAILS USING FINGERPRINT AUTHENTICATION"** submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mrs. D. PRINCY, M.Sc., M.Phil.**, Assistant Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



**Signature of the Candidate**

**R. DHANAN JAYAN**

**(171CT017)**

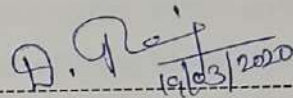
**Place : Coimbatore**

**Date : 19.03.2020**

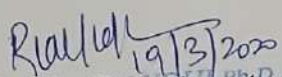
## CERTIFICATE

This is to certify that the Project work entitled "**MOBILE APPLICATION FOR MAKING PERSONAL DETAILS USING FINGERPRINT AUTHENTICATION**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by **DHANAN JAYAN R (171CT017)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award of any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: Coimbatore  
Date: 19.03.2020

  
Signature of the Guide  
(Mrs.D.PRINCY M.Sc.,M.Phil)

Countersigned

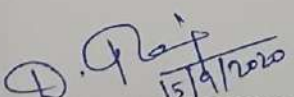
  
Head of the Department  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029 TN.

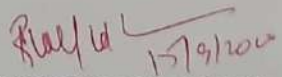


  
Principal

PRINCIPAL  
Kongunadu Arts & Science College  
COIMBATORE

Submitted for Viva – Voce Examination held on **23.03.2020** at **Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.**

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# MOBILE RETAILER SHOP MANAGEMENT SYSTEM

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**J. MOHAMMED HARISH**

**Reg.No :171CT018**

Under the guidance of

**Dr. R. UMAGANDHI M.C.A., M.Phil., Ph. D**

Associate Professor and head, Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore - 641 029

MARCH - 2020



## DECLARATION

I J.MOHAMMED HARISH declare that the project work entitled "MOBILE RETAILER SHOP MANAGEMENT SYSTEM" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the degree of Bachelor of Science in Computer Technology is a record of original project work done by me during the period of study(2017-2020),under the Supervision of Dr. R. UMAGANDHI M.C.A., M.Phil., Ph. D., Associate Professor and Head ,Department of Computer Technology at Kongunadu Arts and Science College (Autonomous),Coimbatore. The project has not formed the basis for the award of Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.



Signature of the Candidate  
(J. MOHAMMED HARISH)

Place : Coimbatore

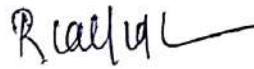
Date : 18.02.2020

## CERTIFICATE

This is to certify that the project work entitled "MOBILE RETAILER SHOP MANAGEMENT SYSTEM" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the degree of Bachelor of Science in Computer Technology is a record of original project work done by J.MOHAMMED HARISH(171CT018) during the period of study(2017-2020) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: Coimbatore

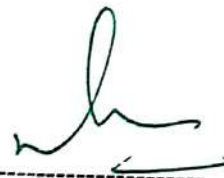
Date: 18.3.2020



Signature of the Guide

(Dr. R. UMAGANDHI M.C.A., M.Phil., Ph.D.,)

Dr. R. UMAGANDHI, Ph.D.,  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.



Principal

PRINCIPAL,

Kongunadu Arts & Science College  
Coimbatore - 641 029, TN.

Submitted for Viva-Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore - 641 029.

  
INTERNAL EXAMINER

EXTERNAL EXAMINER



# **ATTENDANCE MANAGING SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)  
Affiliated to Bharathiar University in partial fulfilment of the requirements for the  
award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**KARTHICKSELVAM K**  
**171CT019**

Under the guidance of

**Mrs. D. PRINCY M.Sc., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

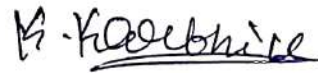
[College of Excellence (UGC)]

Coimbatore - 641029.

MARCH-2020

## DECLARATION

I **KARTHICKSELVAM K** declare that the Project work entitled "**ATTENDANCE MANAGING SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfilment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of my study (2017-2020) under the supervision of **Mrs. D. PRINCY M.Sc., M.Phil.**, Assistant Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any University.



**Signature of the candidate**

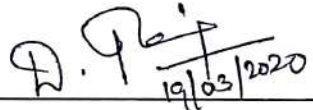
(KARTHICKSELVAM K)

**Place: Coimbatore**

**Date** 19/3/2020

## CERTIFICATE

This is to certify that the project work titled "ATTENDANCE MANAGING SYSTEM" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **KARTHICKSELVAM K (171CT019)** during the period of study (2017-2020), under my supervision and guidance and that this project has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellow ship or similar title to any candidate of any university.

  
19/03/2020

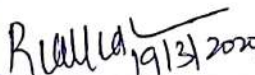
Place: Coimbatore

Signature of the Guide

Date: 19/3/2020

(Mrs. D. PRINCY M.Sc., M.Phil.)

Countersigned

  
19/3/2020  
**Dr. R. Jeyaganesh M.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.





Principal

**PRINCIPAL,**  
**Kongunadu Arts & Science College,**  
**COIMBATORE.**

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

  
18/3/2020  
**INTERNAL EXAMINER**

  
15/3/2020  
**EXTERNAL EXAMINER**

# **TWO WHEELER SERVICE PROVIDER**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**RASHVANTH A S**

**171CT020**

Under the guidance of

**Mr. N. SENTHIL KUMAR, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

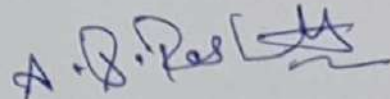
[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **AS. RASHVANTH** declare that the Project work entitled "**TWO WHEELER SERVICE PROVIDER**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mr. N. SENTHIL KUMAR, M.C.A., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



*Signature of the Candidate*

**(RASHVANTH.AS)**

**Place : Coimbatore**

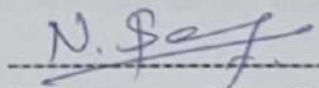
**Date : 18.03.2020**

## CERTIFICATE

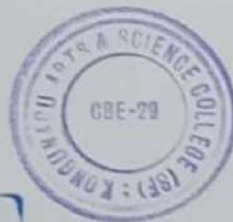
This is to certify that the Project work entitled

**"TWO WHEELER SERVICE PROVIDER"** submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by **Mr. AS. RASHVANTH (171CT020)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

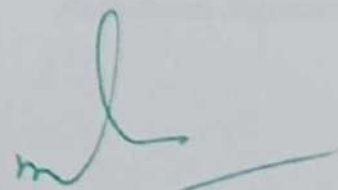
Place: *Coimbatore*  
Date: *18.03.2020*

  
Signature of the Guide  
(N.SENTHIL KUMAR MCA, M.Phil)

Countersigned



*Real/18/3/2020*  
Head of the Department  
**Dr. R. UMAGANDHI, MEd.**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.

  
Principal

PRINCIPAL,  
**Kongunadu Arts & Science College,**  
**COIMBATORE.**

Submitted for Viva – Voce Examination held on **23.03.2020** at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

*Real/18/3/2020*  
INTERNAL EXAMINER

*NS 18/3/2020*  
EXTERNAL EXAMINER

# **MOBILE INFO ANALYZER**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**HARIHARAN R**

**171CT021**

Under the guidance of

**Mrs. G. VANI, MCA., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **LOCATION FINDER USING GOOGLE GEOCODING**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**MOHAMED SHERIF B**

**171CT022**

Under the guidance of

**Mrs. D. HEMALATHA M.Sc (CS)., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

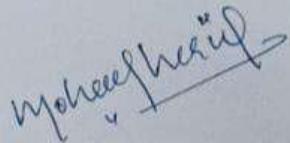
[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **MOHAMED SHERIF B** declare that the Project work entitled "**LOCATION FINDER USING GOOGLE GEOCODING**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mrs. D. HEMALATHA, M.Sc (CS)., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



-----  
**Signature of the Candidate**

**MOHAMED SHERIF B**

**(171CT022)**

**Place : Coimbatore**

**Date : 19-03-2020**

## CERTIFICATE

This is to certify that the Project work entitled "**LOCATION FINDER USING GOOGLE GEOCODING**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by **MOHAMED SHERIF B (171CT022)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award of any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: COIMBATORE

Date: 19-03-2020

Signature of the Guide

(D. HEMALATHA, M.Sc (CS)., M. Phil)

Countersigned



Principal

PRINCIPAL

Dr. R. L. GANDHARAJ, D.,  
Head of the Department  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.

Submitted for Viva - Voce Examination held on 29.03.2020 at Kongunadu College,  
COIMBATORE.

Arts and Science College (Autonomous), Coimbatore - 641 029.

INTERNAL EXAMINER

EXTERNAL EXAMINER

# **ONLINE PROJECT HANDLING PORTAL**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the  
award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**PAVITHRA N**

**171CT023**

Under the guidance of

**Mr. N. SENTHIL KUMAR, MCA., M.Phil.,**



**Department of Computer Technology**

Kongunadu Arts and Science College (Autonomous)

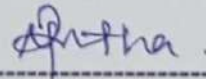
[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I PAVITHRA N declare that the Project work entitled "**ONLINE PROJECT HANDLING PORTAL**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mr. N. SENTHIL KUMAR, M.C.A., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



-----  
*Signature of the Candidate*

(PAVITHRA N)

Place : Coimbatore

Date : 19.03.2020

## CERTIFICATE

This is to certify that the Project work entitled "**ONLINE PROJECT HANDLING PORTAL**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by **MS. PAVITHRA N (171CT023)** during the period of study ( 2017 – 2020) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: Coimbatore  
Date: 19.03.2020

N. Senthil Kumar  
Signature of the Guide  
(N.SENTHIL KUMAR MCA., M.Phil)

Countersigned

R. Umagandhi 19/3/2020  
Head of the Department

Dr. R. UMAGANDHI, Ph.D.,  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College



[Signature]  
Principal

PRINCIPAL,  
Kongunadu Arts & Science College  
COIMBATORE

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

R. Umagandhi 19/3/2020  
INTERNAL EXAMINER

N. Senthil Kumar 19/3/2020  
EXTERNAL EXAMINER

# **HILLSTATION VEHICLE PROTECTING SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfilment of the requirements for the  
award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**NANCY A  
171CT024**

Under the guidance of

**Mrs. D. PRINCY M.Sc., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore - 641029.

MARCH-2020

## DECLARATION

I **NANCY A** declare that the Project work entitled "**HILLSTATION VEHICLE PROTECTING SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfilment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of my study (2017-2020) under the supervision of **Mrs. D. PRINCY M.Sc., M.Phil.**, Assistant Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any University.



*Signature of the candidate*

(NANCY A)

Place: Coimbatore

Date: 19.03.2020

## CERTIFICATE

This is to certify that the project work titled "HILLSTATION VEHICLE PROTECTING SYSTEM" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **NANCY A (171CT024)** during the period of study (2017-2020), under my supervision and guidance and that this project has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or similar title to any candidate of any university.

  
19/03/2020

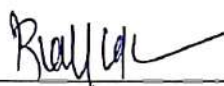
Place: Coimbatore

Signature of the Guide

Date: 19.03.2020

(Mrs. D. PRINCY M.Sc., M.Phil.)

Countersigned





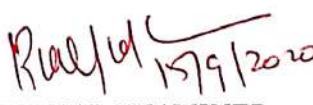


Head of the Department  
**Dr. R. UMAGANDHI, Ph.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.

Principal  
PRINCIPAL,  
**Kongunadu Arts & Science College,**  
**COIMBATORE.**

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

  
15/19/2020  
INTERNAL EXAMINER

  
15/19/2020  
EXTERNAL EXAMINER

# **AMBULANCE TO HOSPITAL COMMUNICATION**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

SUSEELA P

**171CT025**

Under the guidance of

**Mrs. D. HEMA LATHA, M. Sc.CS, M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **SCHOLARSHIP MANAGEMENT SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**SANGEETHA J**

**171CT026**

Under the guidance of

**Mr.N. SENTHIL KUMAR, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore – 641 029.

**MARCH - 2020**

## CERTIFICATE

This is to certify that the Project work entitled "SCHOLARSHIP MANAGEMENT SYSTEM" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by SANGEETHA J (171CT026) during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: Coimbatore  
Date: 19/03/2020

-----  
Signature of the Guide  
(N. SENTHIL KUMAR, MCA., M.Phil.,)

Countersigned

Head of the Department

Principal

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

INTERNAL EXAMINER

EXTERNAL EXAMINER



# KONGUNADU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)  
[College of Excellence(UGC)]  
Coimbatore – 641 029.

## DEPARTMENT OF COMPUTER TECHNOLOGY

Dr. R. Umagandhi, MCA., M.Phil., Ph.D., (NET),  
Associate Professor and Head  
Department of Computer Technology

---

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that J.Sangeetha, (Reg. No 171CT026) B.Sc Computer Technology final year student of Kongunadu Arts And Science College (Autonomous), Coimbatore has successfully completed this Project titled "SCHOLARSHIP MANAGEMENT SYSTEM- UNDER GRADUATE" at our organization from December 2019 to March 2020.

During this project her performance was found to be good. We wish her her success in all the future endeavors.

With Regards

*Raaj*

# **CAR RENT MANAGEMENT**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**DEIVANANDHAM.A**

**171CT027**

Under the guidance of

**Mrs. G. VANI, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **A.DEIVANANDHAM** declare that the Project work entitled "**CAR RENT MANAGEMENT**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020), under the Supervision of **Mrs. G. VANI, M.C.A., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.

A. Deivanandham

Signature of the Candidate  
(DEIVANANDHAM.A)

Place : Coimbatore

Date : 18.03.2020

# CERTIFICATE

This is to certify that the Project work entitled "CAR RENT MANAGEMENT" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by A. DEIVANANDHAM(171CT027) during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: Coimbatore

Date: 18-03-2020

Signature of the Guide

(G. VANI MCA.,M.Phil.)



Head of the Department

Dr. R. UMAGANDHI, Ph.D.,  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.

Principal

PRINCIPAL

Kongunadu Arts & Science College  
COIMBATORE

Submitted for Viva-Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

INTERNAL EXAMINER

EXTERNAL EXAMINER

# **ROBOTIC PROCESS AUTOMATION(RPA) FOR STUDENTS**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**SOWMIYA S**

**171CT028**

Under the guidance of

**Mrs. D. PRINCY, M. Sc., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **ONLINE BANKING SERVICE WITH IMAGE BASED AUTHENTICATION**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**SANTHA KUMAR A**

**171CT030**

Under the guidance of

**Mrs. D. HEMA LATHA, M.Sc., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **SECURE PRODUCT PURCHASING OVER THE NETWORK**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**REVATHI A**

**171CT031**

Under the guidance of

**Mrs. D. PRINCY, M.Sc., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **TRAFFIC PATTERN FINDING IN STAR SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**PRAVEENA P**

**171CT032**

Under the guidance of

**Mrs. G.VANI, MCA., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **HOSPITAL TOKEN RESERVATION SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**JENIFER X**

**171CT034**

Under the guidance of

**Mr. N. SENTHIL KUMAR, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

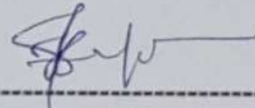
[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **JENIFER X** declare that the Project work entitled "**HOSPITAL TOKEN RESERVATION SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study (2017 – 2020), under the Supervision of **Mr. N. SENTHIL KUMAR, M.C.A., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



\_\_\_\_\_  
*Signature of the Candidate*

(JENIFER X)

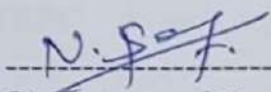
Place : Coimbatore

Date : 19-03-2020

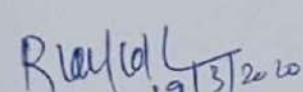
## CERTIFICATE

This is to certify that the Project work entitled "**HOSPITAL TOKEN RESERVATION SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by **Ms. JENIFER X (171CT034)** during the period of study ( 2017 -2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

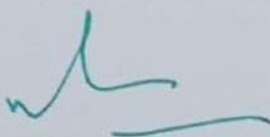
Place: Coimbatore  
Date: 19-03-2020

  
Signature of the Guide  
(N. SENTHIL KUMAR MCA., M.Phil)

Countersigned

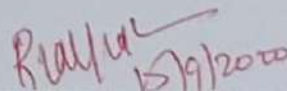
  
Head of the Department  
**Dr. R. UMAGANDHI, Ph.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN



  
Principal  
PRINCIPAL,  
**Kongunadu Arts & Science College,**  
**COIMBATORE.**

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

  
INTERNAL EXAMINER  
15/9/2020

  
EXTERNAL EXAMINER  
15/9/2020

# **EAGLE EYE**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

## **Bachelor of Science in Computer Technology**

Submitted by

**BHARATH DHANABALAN S P**

**171CT035**

Under the guidance of

**Dr.R. UMAGANDHI, MCA., M.Phil., Ph.D.**

Assistant Professor, Department of Computer Technology



## **Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **HOSTEL MANAGEMENT SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the  
award of the degree of

**Bachelor of Science in Computer Technology (B.Sc. CT)**

Submitted by

**LOGANATHAN R**

**171CT036**

under the guidance of

**Dr. R. UMAGANDHI MCA., M.Phil., Ph.D.,**

Associate Professor and Head, Computer Technology



**DEPARTMENT OF COMPUTER TECHNOLOGY**

**KONGUNADU ARTS AND SCIENCE COLLEGE**

**(AUTONOMOUS)**

**Coimbatore-641029**

**March - 2020**

## DECLARATION

I **LOGANATHAN R** declare that the Project work entitled "**HOSTEL MANAGEMENT SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study (2017 to 2020), under the Supervision of **Dr. R. UMAGANDHI MCA., M.Phil., Ph.D., Associate Professor and Head, Department of Computer Technology** at Kongunadu Arts and Science College (Autonomous), Coimbatore. The Project has not formed the basis for the award of any Degree / Diploma / Fellowship or similar title to any candidate of any University.



Signature of the Candidate

(LOGANATHAN R)

Place: Coimbatore

Date: 18.03.2020

## CERTIFICATE

This is to certify that the Project work titled "**HOSTEL MANAGEMENT SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **Mr. LOGANATHAN R (171CT036)** during the period of study (2017-2020) in the Department of Computer Technology at Kongunadu Arts and Science College, under my Supervision and guidance the project has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or similar title to any candidate of any university.

*R. Umagandhi* 18/3/2020

Signature of the Guide

**Dr. R. UMAGANDHI MCA., M.Phil., Ph.D.,**

Place: *Coimbatore*

Date: *18.3.2020*

Countersigned

*R. Umagandhi* 18/3/2020

**Dr. R. UMAGANDHI, Ph.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.



*[Signature]*

Principal

**PRINCIPAL,**  
**Kongunadu Arts & Science College**  
**COIMBATORE.**

Submitted for Viva-Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore - 641 029.

*R. Loganathan* 18/3/2020  
**INTERNAL EXAMINER**

*R. Loganathan* 18/3/2020  
**EXTERNAL EXAMINER**

# ONLINE SMART LEARNING FROM WEB PORTAL

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfilment of the requirements for the  
award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**ASWATHI K**

**171CT037**

Under the guidance of

**Mrs. D. PRINCY M.Sc., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

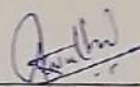
[College of Excellence (UGC)]

Coimbatore - 641029.

MARCH-2020

## DECLARATION

I ASWATHI K declare that the Project work entitled "ONLINE SMART LEARNING FROM WEB PORTAL" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfilment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of my study (2017-2020) under the supervision of **Mrs. D. PRINCY M.Sc., M.Phil.**, Assistant Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any University.



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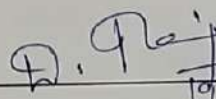
*Signature of the candidate*  
(ASWATHI K)

Place: Coimbatore

Date 19.03.2020

## CERTIFICATE

This is to certify that the project work titled "ONLINE SMART LEARNING FROM WEB PORTAL" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **ASWATHI K (171CT037)** during the period of study (2017-2020), under my supervision and guidance and that this project has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellow ship or similar title to any candidate of any university.

  
14/03/2020

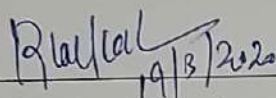
Place: COIMBATORE

Signature of the Guide

Date: 19.03.2020

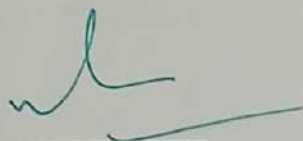
(Mrs. D. PRINCY M.Sc., M.Phil.)

Countersigned

  
14/3/2020

Head of the Department,  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts & Science College  
Coimbatore - 641 029, TN.

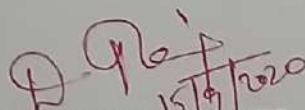




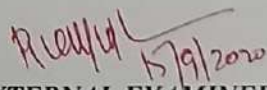
Principal

PRINCIPAL,  
Kongunadu Arts & Science College,  
COIMBATORE.

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

  
15/3/2020

INTERNAL EXAMINER

  
15/3/2020

EXTERNAL EXAMINER

# **RADER CRASH RESCUE**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

## **Bachelor of Science in Computer Technology**

Submitted by

**DASS P**

**171CT038**

Under the guidance of

**Mrs. D. PRINCY, M.Sc., M.Phil.,**

Assistant Professor, Department of Computer Technology



## **Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **SECURE CLOUD STORAGE MEETS WITH SECURE NETWORK CODING**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**MAHESH K R**

**171CT039**

Under the guidance of

**Mrs. D. HEMALATHA, M.SC(CS)., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## CERTIFICATE

This is to certify that the Project work entitled "**SECURE CLOUD STORAGE MEETS WITH SECURE NETWORK CODING**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by **Mr. MAHESH K R(171CT039)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: *Coimbatore*  
Date: *19.03.2020*

*D. Hemalatha* *19/03/20*  
Signature of the Guide  
(D.HEMALATHA, M.SC(CS), M.Phil.,)

Countersigned

*Rajkumar* *19/3/2020*  
Head of the Department  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.



*[Signature]*

Principal

PRINCIPAL,  
Kongunadu Arts & Science College,  
COIMBATORE.

Submitted for Viva – Voce Examination held on *23.03.2020* at Kongunadu  
Arts and Science College (Autonomous), Coimbatore – 641 029.

INTERNAL EXAMINER

EXTERNAL EXAMINER



- 1H, Viswanathapuram,  
Rathinapuri,  
Coimbatore - 641 027.
- 0422 - 4520 405
- hr@myaltitudes.com

17.03.2020

Coimbatore

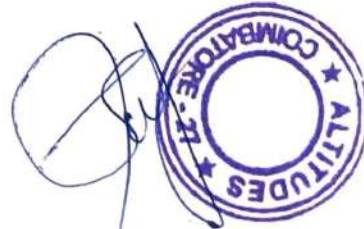
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Mahesh K R (Reg.No:171CT039)** III B.Sc(CT) student from Kongunadu Arts and Science College(Autonomous), has completed his **Java Internship** entitled "**Secure Cloud Storage Meets with Secure Network Coding**" from December 2019 to March 2020 in our Esteemed Organization.

The student have to abide by rules and regulations of the company student are responsible for their safety good behavior and discipline.

We wish all the best for his future endeavors.

For Altitudes



Authorized Signatory

# **VOTING MANAGEMENT SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfilment of the requirements for the  
award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**VYSHAKH V K**  
**171CT040**

Under the guidance of

**Mrs. D. PRINCY M.Sc., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore - 641029.

MARCH-2020

## DECLARATION

I **VYSHAKH V K** declare that the Project work entitled "**VOTING MANAGEMENT SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfilment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of my study (2017-2020) under the supervision of **Mrs. D. PRINCY M.Sc., M.Phil.**, Assistant Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any University.



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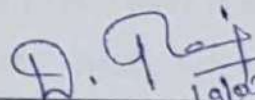
*Signature of the candidate*  
(VYSHAKH V K)

Place: Coimbatore

Date 19/3/2020

## CERTIFICATE

This is to certify that the project work titled "VOTING MANAGEMENT SYSTEM" submitted to Kongunadu Arts and Science College (Autonomous), affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **VYSHAKH V K (171CT040)** during the period of study (2017-2020), under my supervision and guidance and that this project has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any university.

  
19/03/2020

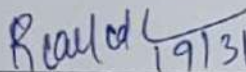
Signature of the Guide

(Mrs. D. PRINCY M.Sc., M.Phil.)

Place: Coimbatore

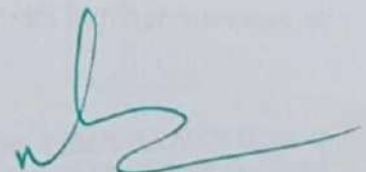
Date: 19/3/2020

Countersigned

  
19/3/2020

Head of the Department  
Dr. R. UMAGANESAN  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.

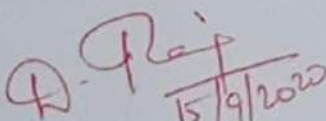


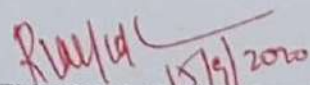


Principal

PRINCIPAL  
Kongunadu Arts & Science College  
COIMBATORE.

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

  
15/4/2020  
INTERNAL EXAMINER

  
15/4/2020  
EXTERNAL EXAMINER

# **SOCIAL ISSUE ANALYSIS IN TWITTER NETWORK**

Submitted to

Kongunadu Arts and Science College (Autonomous)  
Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc. CT)*

Submitted by  
**SREEPRIYA.M**  
Reg. No :171CT041

Under the guidance of  
**Dr.R.UMAGANDHI MCA., M.Phil., Ph.D.,**



**Department of Computer Technology**  
Kongunadu Arts and Science College (Autonomous)

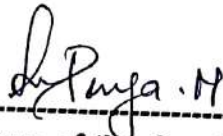
[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **SREEPRIYA.M** declare that the Project work entitled "**SOCIAL ISSUE ANALYSIS IN TWITTER NETWORK**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study (2017 – 2020 ),under the Supervision of Dr.R.UMAGANDHI MCA., M.Phil., Ph.D., Associate Professor and Head, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.

  
-----  
*Signature of the Candidate*  
(SREEPRIYA.M)

Place : Coimbatore

Date : 19.03.2020

## CERTIFICATE

This is to certify that the Project work entitled "**SOCIAL ISSUE ANALYSIS IN TWITTER NETWORK**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by **Ms. M. SREEPRIYA(171CT041)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: *Coimbatore*

Date : *19.03.2020* (Dr.R.UMAGANDHI MCA., M.Phil., Ph.D)

*R. Umagandhi*

Signature of the Guide

Countersigned



*R. Umagandhi*

Head of the Department

**Dr. R. UMAGANDHI, Ph.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029

*[Signature]*

Principal

**PRINCIPAL,**  
**Kongunadu Arts & Science College,**  
**COIMBATORE**

Submitted for Viva – Voce Examination held on *23.03.2020* at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

*R. Umagandhi 15/9/2020*  
**INTERNAL EXAMINER**

*R. Umagandhi 15/9/2020*  
**EXTERNAL EXAMINER**

# **SENTIMENT BASED MOVIE RATING SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**RANJITH R**

**Reg. No :171CT042**

Under the guidance of

**Mrs. G. VANI, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

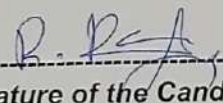
[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **R. RANJITH** declare that the Project work entitled "**SENTIMENT BASED MOVIE RATING SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mr. G. VANI, M.C.A., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.

  
-----  
*Signature of the Candidate*  
(**RANJITH.R**)

Place : Coimbatore

Date : 19.03.2020

## CERTIFICATE

This is to certify that the Project work entitled "SENTIMENT BASED MOVIE RATING SYSTEM" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by **Mr. R. RANJITH (171CT042)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: COIMBATORE

Date: 19.03.2020

Signature of the Guide  
(G. VANI MCA.,M.Phil.,)



Countersigned

Head of the Department

**Dr. R. UMAGANDHI, Ph.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College

Submitted for Viva Voce Examination held on 23.03.2020 at Kongunadu

Arts and Science College (Autonomous), Coimbatore – 641 029.

INTERNAL EXAMINER

EXTERNAL EXAMINER

# **SPORTS MANAGEMENT**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**SRIHARIHARAN T**

**171CT043**

Under the guidance of

**Mr. N. SENTHIL KUMAR, M.Sc., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **CRIME RECORDING SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**HARI KARTHIKEYAN T**

**171CT044**

Under the guidance of

**Mrs. G. VANI, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **HARI KARTHIKEYAN T** declare that the Project work entitled "**CRIME RECORDING SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mrs. G. VANI, M.C.A., M.Phil.,** Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



**Signature of the Candidate**

**T. HARI KARTHIKEYAN**

**(171CT044)**

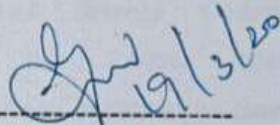
**Place : Coimbatore**

**Date : 19/03/2020**

## CERTIFICATE

This is to certify that the Project work entitled "**CRIME RECORDING SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by **HARI KARTHIKEYAN T (171CT044)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award of any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: Coimbatore  
Date: 19/3/2020

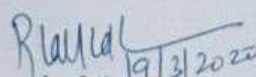
  
Signature of the Guide  
(G. VANI MCA., M. Phil)

Countersigned

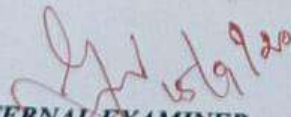


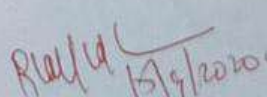
Principal

PRINCIPAL,  
Kongunadu Arts & Science College  
COIMBATORE.

  
Head of the Department  
Dr. R. UMAGANDHI, M.A.  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.

Submitted for Viva – Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# **RAMRAJ BILLING AND MANAGEMENT SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

## **Bachelor of Science in Computer Technology**

Submitted by

**NAHUL D VITHUR**

**171CT045**

Under the guidance of

**Dr. R. UMAGANDHI MCA., M.Phil., Ph.D.**

Assistant Professor, Department of Computer Technology



## **Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **E-COMMERCE PRODUCT RATING AND REVIEW**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

## **Bachelor of Science in Computer Technology**

Submitted by

**ANAND M**

**171CT046**

Under the guidance of

**Mrs. G. VANI, MCA., M.Phil.,**

Assistant Professor, Department of Computer Technology



## **Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **ADVANCED PAYMENT CALCULATION AND ANALYZER**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

## **Bachelor of Science in Computer Technology**

Submitted by

**SADHANA A**

**171CT047**

Under the guidance of

**Mrs. G. VANI, MCA., M.Phil.,**

Assistant Professor, Department of Computer Technology



## **Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **ANDROID APPLICATION FOR INSTITUTE MANAGEMENT**

For JVM Academy for Excellence

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc., CT)*

Submitted by

**VALLI V NARAYANAN**

**171CT049**

Under the guidance of

**Mrs. G. VANI M.C.A., M.Phil.,**



**Department of Computer Technology**

Kongunadu Arts and Science College (Autonomous)

[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **VALLI V NARAYANAN** declare that the Project work entitled “**ANDROID APPLICATION FOR INSTITUTE MANAGEMENT**” submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mrs. G. VANI, M.C.A., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.

-----  
*Signature of the Candidate*

**VALLI. V. NARAYANAN**

**(171CT049)**

**Place : Coimbatore**

**Date :**

## CERTIFICATE

This is to certify that the Project work entitled “**ANDROID APPLICATION FOR INSTITUTE MANAGEMENT**” submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by **VALLI V NARAYANAN (171CT049)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award of any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

**Place: Coimbatore**  
**Date:**

-----  
Signature of the Guide  
(G. VANI, M.C.A., M. Phil)

Countersigned

Head of the Department

Principal

Submitted for Viva – Voce Examination held on **23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029.**

**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**

# **DETECTING CYBER ATTACK FROM ANONYMOUS NETWORK**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**PRAVEEN L**

**171CT050**

Under the guidance of

**Mrs. D. HEMALATHA, M.Sc. CS., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **BANK LOAN APPLICATION APPLY USING SMART PHONE**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

## **Bachelor of Science in Computer Technology**

Submitted by

**SREE VISHNU A**

**171CT051**

Under the guidance of

**Mrs. G. VANI, MCA., M.Phil.,**

Assistant Professor, Department of Computer Technology



## **Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**

# **JOB SEARCH PORTAL**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**DEEPAK KUMAR K**

**171CT052**

Under the guidance of

**Mr. N. SENTHIL KUMAR, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

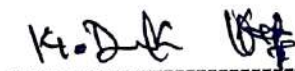
[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **K.DEEPAK KUMAR** declare that the Project work entitled "**JOB SEARCH PORTAL**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mr. N.SENTHIL KUMAR, M.C.A., M.Phil.,** Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.



*Signature of the Candidate*

*(DEEPAK KUMAR K)*

Place : Coimbatore

Date : 18.03.2020

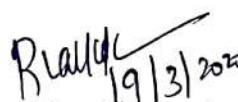
## CERTIFICATE

This is to certify that the Project work entitled  
"JOB SEARCH PORTAL" submitted to Kongunadu Arts and  
Science College (Autonomous) affiliated to Bharathiar University in  
partial fulfillment of the requirement for the Degree of Bachelor of  
Computer Technology is a record of original Project work done by  
**Mr. K. DEEPAK KUMAR (171CT052)** during the period of study  
( 2017 – 2020 ) in the Department of Computer Technology at  
Kongunadu Arts and Science College (Autonomous), Coimbatore,  
under my supervision and the project has not formed the basis for  
the award any Degree/Diploma/Associate ship/Fellowship or  
similar title to any candidate of any University.

Place: Coimbatore  
Date: 18.03.2020

  
Signature of the Guide  
(N.SENTHIL KUMAR MCA., M.Phil)

Countersigned

  
Head of the Department  
Dr. R. UMAGANDHI, Ph.D.,  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts & Science College  
Coimbatore - 641 029, TN.  
  
  
Principal  
PRINCIPAL,  
Kongunadu Arts & Science College,  
COIMBATORE.  
Submitted for Viva-Voce Examination held on 23.03.2020 at Kongunadu  
Arts and Science College (Autonomous), Coimbatore – 641 029.

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

## **EVENT MANAGEMENT**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**KAVIRAJ. R**

**171CT054**

Under the guidance of

**Mr. N. SENTHIL KUMAR, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

### CERTIFICATE

This is to certify that the Project work entitled "**EVENT MANAGEMENT**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by **Mr. R. KAVIRAJ (171CT054)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: *Coimbatore*  
Date: *17.03.2020*

*N. Senthil Kumar*  
Signature of the Guide  
(N.SENTHIL KUMAR MCA., M.Phil)



*R. Umagandhi*  
Head of the Department

**Dr. R. UMAGANDHI, Ph.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.

*N. Senthil Kumar*

**Principal**  
**PRINCIPAL,**  
Kongunadu Arts & Science College  
COIMBATORE

Submitted for Viva Voice Examination held on **23.03.2020** at Kongunadu Arts and Science College (Autonomous), Coimbatore - 641 029.

**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**



## **Mango Fruit Events**

5/1, Ramalingam road (EAST), R S Puram,  
Coimbatore - 641002  
+91-9995289149  
<http://www.mangofruit.in>  
[prakasshk@gmail.com](mailto:prakasshk@gmail.com)

### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **R.KAVIRAJ**, (Reg. No 171CT054) B.Sc Computer Technology final year student of **Kongunadu Arts And Science College (Autonomous)**, Coimbatore has successfully completed this Project titled **"EVENT MANAGEMENT – UNDER GRADUATE"** at our organization from December 2019 to March 2020.

During this project her performance was found to be good. We wish her/her success in all the future endeavors.

  
Authorized Signature

# **SEED COLLECTION, MAINTENANCE AND DISTRIBUTION SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the  
award of the degree of

***Bachelor of Science in Computer Technology (B.Sc. CT.,)***

Submitted by

**NITHYA K**

**171CT055**

Under the guidance of

**Mrs. D. HEMALATHA, M.Sc. CS., M.Phil.**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore-641029

MARCH-2020

## CERTIFICATE

This is to certify that the Project work titled "**SEED COLLECTION, MAINTENANCE AND DISTRIBUTION SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **Ms. NITHYA K (171CT055)** during the period of study (2017-2020) in the Department of Computer Technology at Kongunadu Arts and Science College, under my Supervision and guidance the project has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or similar title to any candidate of any university.

*D. Hemalatha* 19/03/20

Place : COIMBATORE

Date : 19-03-2020

Signature of the Guide

(Mrs. D. HEMALATHA, MSc. CS., M.Phil.,)

Countersigned



*[Signature]*

Principal

PRINCIPAL,

Kongunadu Arts & Science College,  
Coimbatore - 641 029, TN.

*R. Umagandhi* 19/3/2020  
Head of the Department

Dr. R. UMAGANDHI, Ph.D.,

Associate Professor & Head

of Computer Technology

Submitted for Viva-Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore - 641 029.

INTERNAL EXAMINER

EXTERNAL EXAMINER



# COMPUTER TECHNOLOGY

**Dr.R.UMAGANDHI,Ph.D.,**  
Associate Professor & Head  
Computer Technology

## TO WHOMSOEVER IT MAY CONERN

This is to certify that **Nithya K** (Reg. No **171CT055**) BSc. Computer Technology final year student of **Kongunadu Arts and Science College** (Autonomous), Coimbatore has successfully completed this project titled **"SEED COLLECTION, MAINTENANCE AND DISTRIBUTION SYSTEM"** at our institution from December 2019 to March 2020. During this project her performance was found to be good. We wish to her success in all the future endeavors.

With Regards

**Dr. R. UMAGANDHI, Ph.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**



G.N.Mills Post, Coimbatore - 641029, Tamil Nadu, INDIA



info@kongunaducollege.ac.in



(0) 422 2642095, 2642236, 2646588

# **HOSTEL MANAGEMENT SYSTEM**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the  
award of the degree of

**Bachelor of Science in Computer Technology (B.Sc. CT)**

Submitted by

**LOGANATHAN R**

**171CT036**

under the guidance of

**Dr. R. UMAGANDHI MCA., M.Phil., Ph.D.,**

Associate Professor and Head, Computer Technology



**DEPARTMENT OF COMPUTER TECHNOLOGY**

**KONGUNADU ARTS AND SCIENCE COLLEGE**

**(AUTONOMOUS)**

**Coimbatore-641029**

**March - 2020**

## DECLARATION

I **LOGANATHAN R** declare that the Project work entitled "**HOSTEL MANAGEMENT SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study (2017 to 2020), under the Supervision of **Dr. R. UMAGANDHI MCA., M.Phil., Ph.D., Associate Professor and Head, Department of Computer Technology** at Kongunadu Arts and Science College (Autonomous), Coimbatore. The Project has not formed the basis for the award of any Degree / Diploma / Fellowship or similar title to any candidate of any University.



Signature of the Candidate

(LOGANATHAN R)

Place: Coimbatore

Date: 18.03.2020

## CERTIFICATE

This is to certify that the Project work titled "**HOSTEL MANAGEMENT SYSTEM**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original project work done by **Mr. LOGANATHAN R (171CT036)** during the period of study (2017-2020) in the Department of Computer Technology at Kongunadu Arts and Science College, under my Supervision and guidance the project has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or similar title to any candidate of any university.

*R. Umagandhi* 18/3/2020

Signature of the Guide

Place: *Coimbatore*

Date: *18.3.2020*

**Dr. R. UMAGANDHI MCA., M.Phil., Ph.D.,**

Countersigned

*R. Umagandhi* 18/3/2020

**Dr. R. UMAGANDHI, Ph.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.



*[Signature]*

Principal

**PRINCIPAL,**  
**Kongunadu Arts & Science College**  
**COIMBATORE.**

Submitted for Viva-Voce Examination held on 23.03.2020 at Kongunadu Arts and Science College (Autonomous), Coimbatore - 641 029.

*R. Loganathan* 18/3/2020  
**INTERNAL EXAMINER**

*R. Loganathan* 18/3/2020  
**EXTERNAL EXAMINER**

# **MOBILE PRICE COMPARISON**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for  
the award of the degree of

*Bachelor of Science in Computer Technology (B.Sc.,CT)*

Submitted by

**SHALINI N**

**171CT059**

Under the guidance of

**Mr. N. SENTHIL KUMAR, MCA., M.Phil.,**



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

[College of Excellence (UGC)]

Coimbatore – 641 029.

MARCH - 2020

## DECLARATION

I **N.SHALINI** declare that the Project work entitled "**MOBILE PRICE COMPARISON**" submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Science in Computer Technology is a record of original Project work done by me during the period of study ( 2017 – 2020 ), under the Supervision of **Mr. N. SENTHIL KUMAR, M.C.A., M.Phil.**, Associate Professor, Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore. The project has not formed the basis for the award of Degree / Diploma /Associate ship/Fellowship or similar title to any candidate of any University.

*Shalini.N*

-----  
**Signature of the Candidate**

**(SHALINI .N)**

**Place : Coimbatore**

**Date : 19.03.2020**

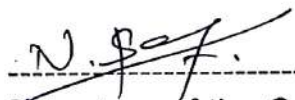


## CERTIFICATE

This is to certify that the Project work entitled

**"MOBILE PRICE COMPARISON"** submitted to Kongunadu Arts and Science College (Autonomous) affiliated to Bharathiar University in partial fulfillment of the requirement for the Degree of Bachelor of Computer Technology is a record of original Project work done by **Ms. SHALINI.N (171CT059)** during the period of study ( 2017 – 2020 ) in the Department of Computer Technology at Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the project has not formed the basis for the award any Degree/Diploma/Associate ship/Fellowship or similar title to any candidate of any University.

Place: *Coimbatore*  
Date: *19.03.2020*

  
Signature of the Guide  
(N.SENTHIL KUMAR MCA.,M.Phil)

Countersigned

  
Head of the Department  
**Dr. R. UMAGANDHI, Ph.D.,**  
Associate Professor & Head  
Dept. of Computer Technology  
Kongunadu Arts and Science College  
Coimbatore - 641 029, TN.



  
Principal

PRINCIPAL,  
Kongunadu Arts & Science College,  
**COIMBATORE.**

Submitted for Viva – Voce Examination held on **23.03.2020** at Kongunadu

**Arts and Science College (Autonomous), Coimbatore – 641 029.**

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**

# **TOURIST MANAGEMENT**

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University in partial fulfillment of the requirements for the award  
of the degree of

**Bachelor of Science in Computer Technology**

Submitted by

**PURUSHOTHAMAN A**

**171CT060**

Under the guidance of

**Mr. N. SENTHIL KUMAR, M.Sc., M.Phil.,**

Assistant Professor, Department of Computer Technology



**Department of Computer Technology**

**Kongunadu Arts and Science College (Autonomous)**

Re-accredited by NAAC with A+ Grade (4<sup>th</sup> Cycle)

College of Excellence (UGC)

Coimbatore – 641 029.

**MARCH - 2020**