

245

ATTENDANCE PORTAL

Project Submitted to the Department of Computer Science

ST. MARY'S COLLEGE (Autonomous), THOOTHUKUDI

Affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY, THIRUNELVELI

In partial fulfilment of the requirement for the award of degree in

BACHELOR OF COMPUTER SCIENCE

Done By

A. Agnes Vennila	17AUCS01
K. Annie Apsara	17AUCS03
K. Kanishta Subarna	17AUCS19
S. Priyanka	17AUCS32
S. Seyad Shifaya	17AUCS43

Under the Supervision and guidance of

Mrs. M. Jothi Mani B.E., M.Sc(IT)., M.Phil.



DEPARTMENT OF COMPUTER SCIENCE

ST. MARY'S COLLEGE (Autonomous)

(Re- accredited with 'A+' Grade by NAAC)

THOOTHUKUDI-628001.

2019-2020

CONTENTS

S. No	CONTENT	Page. No
1	Introduction	1
2	Project Description 2.1 Problem Definition 2.2 Project Overview 2.3 Module description	3
3	System Study 3.1 System Analysis 3.2 Existing System 3.3 Proposed System	7
4	System Requirements & Specification	10
5	System Environment 5.1 Working Environment 5.2 About Software	12
6	System Design 6.1 Data flow diagram 6.2 Table design 6.3 Form design 6.4 Code design	18
7	System Testing	44
8	System Maintenance	49
9	Future Enhancement	51
10	Conclusion	53
11	Bibliography	55

CERTIFICATE



DEPARTMENT OF COMPUTER SCIENCE
ST. MARY'S COLLEGE (AUTONOMOUS)
THOOTHUKUDI

This is to certify that the project entitled

ATTENDANCE PORTAL

Submitted By

A. Agnes Vennila	17AUCS01
K. Annie Apsara	17AUCS03
K. Kanishta Subarna	17AUCS19
S. Priyanka	17AUCS32
S. Seyad Shifaya	17AUCS43

In partial fulfilment of the requirements for the award of degree in
BACHELOR OF COMPUTER SCIENCE during the year 2019-2020

M. A. Theinadi

Guide

S. Gnanly

Head of the Department

Submitted for the Examination held on 03.06.2020

S. Anitha
Examiner

Lucia Rose

Principal

St. Mary's College (Autonomous)
Thoothukudi - 628 001.

MARRIAGE HALL MANAGEMENT SYSTEM

Project Submitted to the Department Of Computer Science

ST.MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

Affiliated to

MANONMANIAM SUNDRANAR UNIVERSITY

236



In partial fulfilment of the requirement for the award of degree in

BACHELOR OF COMPUTER SCIENCE

Done by

B. Angel Treasure	17AUCS02
E. Arokya Inica	17AUCS06
I. Joesna	17AUCS18
S.Pavithra lakshmi	17AUCS31
A.Selva agnes nivetha	17AUCS41

Under the Supervision and Guidance of

Mrs. M. Jothimani B.E., M.Sc., M.Phil.,

(Associate Professor of Computer Science)

DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE (AUTONOMOUS)

(Re-accredited with "A+" Grade by NAAC)

THOOTHUKUDI -628001

2017-2020

S.NO	CONTENT	PAGE.NO
1	Introduction	
2	System Study 2.1 System Analysis 2.2 Existing System 2.3 Proposed System	
3	Project Description	
4	System Specification 4.1 Hardware Requirements 4.2 Software Requirements 4.3 Software Description	
5	System Design	
6	Testing and Implementation	
7	Experimental Results	
8	Future Enhancement	
9	Conclusion	
10	Bibiliography	

CERTIFICATE

DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE (AUTONOMOUS)

THOOTHUKUDI

Affiliated to MANONMANIAM SUNDARANAR UNIVERSITY



This is certify that the project entitled **MARRIAGE HALL MANAGEMENT SYSTEM** Submitted by

NAME	REG.NO
B. Angel Treasure	17AUCS02
E . Arokya Inica	17AUCS06
I. Joesna	17AUCS18
S.Pavithra lakshmi	17AUCS31
A.Selva agnes nivetha	17AUCS41

In partial fulfilment of the requirements for the award of degree in
BACHELOR OF COMPUTER SCIENCE during the year 2017-2020

M. [Signature]
GUIDE

S. Gnanly
HEAD OF DEPARTMENT

Submitted for the examination held on

03. 06. 2020

S. Gnanly
Examiner

Lucia Rose
Principal

St. Mary's College (Autonomous)
Thoothukudi - 628 001.

ATTENDANCE MANAGEMENT SYSTEM

Project Submitted to the Department Of Computer Science

ST.MARY'S COLLEGE(AUTONOMOUS),THOOTHUKUDI

Affiliated to

MANONMANIAM SUNDRANAR UNIVERSITY

237



In partial fulfilment of the requirement for the award of degree in
BACHELOR OF COMPUTER SCIENCE

Done by

D. Antony Jenitta Mary	17AUCS04
B. Kirthiga	17AUCS21
S. Muthu Eswari Abirami	17AUCS25
R. Ramya	17AUCS33
B. Tharshini	17AUCS45

Under the Supervision and Guidance of

Mrs.J.Anila Maily, M.Sc., M.Phil.,

(Associate Professor of Computer Science)

DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE(AUTONOMOUS)

(Re-accredited with "A+" Grade by NAAC)

THOOTHUKUDI-628001.

S.NO	CONTENT	PAGE.NO
1	Introduction	1
2	System Study 2.1 System Analysis 2.2 Existing System 2.3 Proposed System	3
3	Project Description	9
4	System Specification 4.1 Hardware Requirements 4.2 Software Requirements 4.3 Software Description	13
5	System Design	19
6	Testing and Implementation	23
7	Experimental Results	54
8	Future Enhancement	62
9	Conclusion	65
10	Bibiliography	67

CERTIFICATE

DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE (AUTONOMOUS)

THOOTHUKUDI

Affiliated to MANONMANIAM SUNDARANAR UNIVERSITY



This is certify that the project entitled **ATTENDANCE MANAGEMENT SYSTEM** Submitted by

NAME	REG.NO
D. Antony Jenitta Mary	17AUCS04
B. Kirthiga	17AUCS21
S. Muthu Eswari Abirami	17AUCS25
R. Ramya	17AUCS33
B. Tharshini	17AUCS45

In partial fulfilment of the requirements for the award of degree in
BACHELOR OF COMPUTER SCIENCE during the year 2017-2020

J. Inibarily
GUIDE

S. Gnanly
HEAD OF DEPARTMENT

Submitted for the examination held on 03.06.2020

M. [Signature]
Examiner

Lucia Rose
Principal

St. Mary's College (Autonomous)
Thoothukudi - 628 001.

“PROJECT – VOTING APP”

Project Submitted to the Department of Computer Science

ST.MARY’S COLLEGE(AUTONOMOUS),THOOTHUKUDI

Affiliated to

ManonmaniamSundaranar University, Tirunelveli

In Partial Fulfilment of the requirement for the award of degree in

BACHELOR OF COMPUTER SCIENCE



Submitted by

K. Eswari	(17AUCS11)
R. Aparna	(17AUCS05)
R. Mahalakshmi	(17AUCS23)
E. RathnaSwetha	(17AUCS34)
M. ThivyaDharsini	(17AUCS46)

Under the Supervision and Guidance of

Sr. K. Reetha MSc., M.Phil.

S.NO	CONTENTS	PAGE NO.
1	Synopsis	7
2	Project Overview	9
3	System Analysis Technical Feasibility Economic Feasibility Physical Feasibility	15
4	System Requirements Hardware Software	19
5	Methodological Implementation	36
6	System Configuration	41
7	Testing and Implementation	44
8	Conclusion	50
9	Future Enhancements	52
10	Coding	54
11	Screenshots	69
12	Bibliography	73

Department of Computer Science
St.Mary's College (Autonomous)
Reaccredited with "A+" Grade by NAAC
Thoothukudi.
2017 – 2020

242

CERTIFICATE

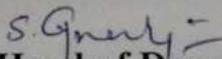


This is certify that the project entitled
“ PROJECT – VOTING APP”

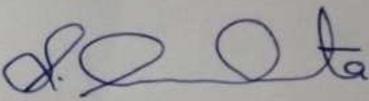
Submitted by
K. Eswari (17AUCS11)
R.Aparna (17AUCS05)
R. Mahalakshmi (17AUCS23)
E. Rathna Swetha (17AUCS34)
M. Thivya Dharshini (17AUCS46)

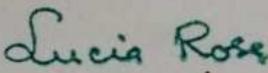
In partial fulfilment of the requirements for the award of degree in
BACHELOR OF COMPUTER SCIENCE during the year 2019-2020.


Guide


Head of Department

Submitted for the Examination held on 03.06.2020


Examiner


Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

ANDROID QUIZ APPLICATION

Project Submitted to the Department Of Computer Science

ST.MARY'S COLLEGE(Autonomous),THOOTHUKUDI

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

In partial fulfilment of the requirement for the award of degree in

BACHELOR OF COMPUTER SCIENCE

Done by

S.BARVIN BANU	17AUCS07
P.JAYASREE	17AUCS17
K.MAHESWARI	17AUCS24
J.RENI NIVEDHA	17AUCS35
P.VEYLATCHI	17AUCS47

Under the Supervision and Guidance of

Ms.J.Anila Maily M.Sc,M.Phil.



DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE(AUTONOMOUS)

Reaccredited with "A+" Grade by NAAC

THOOTHUKUDI

2017-2020

CONTENTS

S.NO	CONTENT	PAGE NO
1.	SYNOPSIS	1
2.	SYSTEM ANALYSIS 2.1 EXISTING SYSTEM 2.2 PROPOSED SYSTEM 2.3 ANALYSING THE SYSTEM	3
3.	SYSTEM REQUIREMENTS AND SPECIFICATIONS 3.1 WORKING ENVIRONMENT 3.2 ABOUT SOFTWARE	7
4.	SYSTEM DESIGN 4.1 TABLE DESIGN 4.2 DATA FLOW DIAGRAM 4.3 FLOW CHART 4.4 FORM DESIGN 4.5 CODE DESIGN	17
5.	FUTURE ENHANCEMENT	39
6.	CONCLUSION	40
7.	BIBILOGRAPHY	41

CERTIFICATE



DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE (Autonomous)

THOOTHUKUDI

This is certify that the project entitled ANDROID QUIZ APPLICATION
mitted by

S.BARVIN BANU	17AUCS07
P.JAYASREE	17AUCS17
K.MAHESWARI	17AUCS24
J.RENI NIVEDHA	17AUCS35
P.VEYLATCHI	17AUCS47

In partial fulfilment of the requirements for the award of degree in
BACHELOR OF COMPUTER SCIENCE during the year 2017-2020

J. Amaldeep
GUIDE

S. Gnanapriya
Head of the Department

Submitted for the examination held on 03.06.2020

M. [Signature]
Examiner

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

MOBILE LEARNING APPLICATION

Project Submitted to the Department Of Computer Science

ST.MARY'S COLLEGE(Autonomous),THOOTHUKUDI

Afflicted to

Manonmaniam Sundaranar University, Tirunelveli

In partial fulfilment of the requirement for the award of degree in

BACHELOR OF COMPUTER SCIENCE

Done by

J.Brindha	17AUCS08
M.Muthumari	17AUCS26
R.Ruchitha	17AUCS36
D.Selva Kumari	17AUCS42
A.Yamini	17AUCS48

Under the Supervision and Guidance of

Sr. K. Reetha M.Sc.,M.Phil.

(Assistant Professor of Computer Science)



DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE(AUTONOMOUS)

Reaccredited with "A+" Grade by NAAC

THOOTHUKUDI

		NO
1.	SYNOPSIS	
2.	SYSTEM ANALYSIS 2.1 EXISTING SYSTEM 2.2 PROPOSED SYSTEM 2.3 ANALYSING THE SYSTEM	
3.	SYSTEM REQUIREMENTS AND SPECIFICATIONS 3.1 WORKING ENVIRONMENT 3.2 ABOUT SOFTWARE	
4.	4.1 ANDROID APPLICATION FUNDAMENTALS 4.2 PPLICATION COMPONENTS 4.3 PROCESSES AND THREADS 4.4 COMPONENTS LIFE CYCLE 4.5 PROCESSES AND LIFE CYCLE 4.6 USER INTERFACE	
5.	METHODOLOGICAL IMPLEMENTATIONS 5.1 DATA FLOW DIAGRAM 5.2 CONTEXT DIAGRAM 5.3 DFD SYMBOLS 5.4 SYMBOLS ELEMENTARY REFERENCES	

- 5.5 CONSTRUCTING A DFE
- 5.6 SALIENT FEATURES OF DFS'S
- 5.7 TYPES OF DATA FLOW DIAGRAM
- 5.8 PHYSICL DFD
- 5.9 LOGICAL DFD
- 5.10 RULES GOVERNING THE DFD'S

6. SYSTEM CONFIGURATION

7. SYSTEM DESIGN

- 7.1 TABLE DESIGN
- 7.2 FORM DESIGN
- 7.3 CODE DESIGN

8. TESTING AND IMPLEMENTATIONS

- 8.1 SYSTEM IMPLEMENTATION
- 8.2 TESTING

9. CONCLUSION

10. FUTURE ENHANCEMENT

11. BIBILOGRAPHY

2017-2020

CERTIFICATE



DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE (Autonomous)

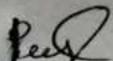
THOOTHUKUDI

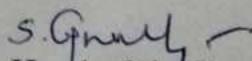
This is certify that the project entitled **MOBILE LEARNING APPLICATION**

Submitted by

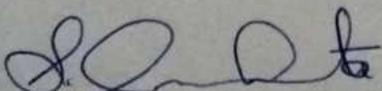
J.Brindha	17AUCS08
M.Muthumari	17AUCS26
R.Ruchitha	17AUCS36
D.Selva Kumari	17AUCS42
A.Yamini	17AUCS48

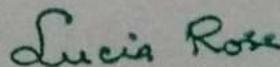
In partial fulfilment of the requirements for the award of degree in
BACHELOR OF COMPUTER SCIENCE during the year **2017-2020**


GUIDE


Head of the Department

Submitted for the examination held on 03.06.2020


Examiner


Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

ONLINE FOOD ORDERING

Project Submitted to the Department OF Computer Science
ST.MARY'S COLLEGE(Autonomous),THOOTHUKUDI

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

In partial fulfilment of the requirement for the award of degree in

BACHELOR OF COMPUTER SCIENCE

Done by

M.Lisanthini	17AUCS22
S.Sangeetha Priya	17AUCS38
P .Gowri Maheswari	17AUCS12
P.Nandhini	17AUCS28

Under the Supervision and Guidance of

Mrs.M.Jothi Mani B.E.,M.Sc(IT).,M.Phil.

(Associate Professor of Computer Science)



DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE(AUTONOMOUS)

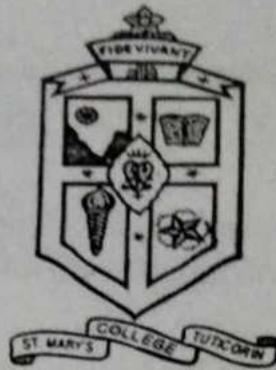
Reaccredited with "A+" Grade by NAAC

THOOTHUKUDI

2017-2020

S.NO	CONTENT	PAGE NO
1.	SYNOPSIS	5
2.	SYSTEM ANALYSIS 2.1 EXISTING SYSTEM 2.2 PROPOSED SYSTEM 2.3 ANALYSING THE SYSTEM	6 6 6 7
3.	SYSTEM REQUIREMENTS AND SPECIFICATIONS 3.1 WORKING ENVIRONMENT 3.2 SYSTEM IMPLEMENTATION 3.3 ABOUT SOFTWARE	12 12 13 14
4.	SYSTEM DESIGN 4.1 TABLE DESIGN 4.2 DATA FLOW DIAGRAM 4.3 FORM DESIGN 4.4 SOURCE CODE	17 17 18 29 33
5.	FUTURE ENHANCEMENT	60
6.	CONCLUSION	61
7.	BIBILOGRAPHY	62

CERTIFICATE

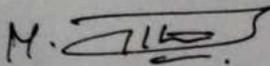


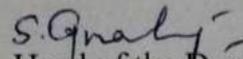
DEPARTMENT OF COMPUTER SCIENCE
ST.MARY'S COLLEGE (Autonomous)
THOOTHUKUDI

This is certify that the project entitled ONLINE FOOD ORDERING
Submitted by

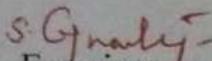
M.Lisanthini	17AUCS22
S.Sangeetha Priya	17AUCS38
P.Gowri Maheswari	17AUCS12
P.Nandhini	17AUCS28

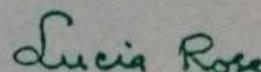
In partial fulfilment of the requirements for the award of degree in
BACHELOR OF COMPUTER SCIENCE during the year 2017-2020


GUIDE


Head of the Department

Submitted for the examination held on 03.06.2020


Examiner


Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

JOB PORTAL

Project submitted to the Department of Computer Science

ST.MARY'S COLLEGE (Autonomous)

RE-ACCREDITED WITH 'A+' GRADE BY NAAC

THOOTHUKUDI



In partial fulfilment of the requirements

For the award of the degree of

BACHELOR OF COMPUTER SCIENCE

Submitted by

M.KARIMNISHA **17AUCS20**

G.GURU PRIYA **17AUCS13**

K.SASITHRA DEVI **17AUCS39**

S.PADMAPRIYA **17AUCS29**

Under the Supervision and Guidance of

Mrs. S. GNANATHANGAM M.C.A., M.Phil

(Assistant Professor of Computer Science)

INDEX

S.NO	CONTENT	PG.NO
1.	Introduction	9
2.	System Overview <ul style="list-style-type: none">• Existing System• Proposed System	11
3.	System Requirements	16
4.	System Specification	18
5.	About Software	20
6.	Project Modules	26
7.	System Design <ul style="list-style-type: none">• Table Design• Database Design• Form Design• Code Design	31
8.	Future Enhancement	131
9.	Conclusion	133
10.	Bibliography	135

CERTIFICATE



DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE (Autonomous)

THOOTHUKUDI

This is to certify that the project entitled

JOB PORTAL

Submitted by

M.KARIMNISHA	17AUCS20
G.GURU PRIYA	17AUCS13
K.SASITHRA DEVI	17AUCS39
S.PADMAPRIYA	17AUCS29

In partial fulfilment of the requirements

For the award of the degree of

BACHELOR OF COMPUTER SCIENCE during the year 2019-2020

S. Gnaniy
Guide

S. Gnaniy
H.O.D

Submitted for the Examination held on 03.06.2020

[Signature]
Examiner

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

FITNESS APP

Project Submitted to the Department Of Computer Science
ST.MARY'S COLLEGE(AUTONOMOUS),THOOTHUKUDI

Affiliated to

MANONMANIAM SUNDRANAR UNIVERSITY



240

In partial fulfilment of the requirement for the award of degree in
BACHELOR OF COMPUTER SCIENCE

Done by

N.Ishwarya Lakshmi	17AUCS14
J.Pavithra	17AUCS30
H.Sathya Bala	17AUCS40
A.Shylin Nisha	17AUCS44

Under the Supervision and guidance of

Mrs. S.GNANATHANGAM M.C.A., M.Phil

DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE(AUTONOMOUS)

(Re-accredited with "A+" Grade by NAAC) THOOTHUKUDI-62001

2019-2020

S.NO	CONTENT	PAGE.NO
1	Introduction	
2	System Study 2.1 System Analysis 2.2 Existing System 2.3 Proposed System	
3	Project Description	
4	System Specification <ul style="list-style-type: none">• Hardware Requirements• Software Requirements• Software Description	
5	System Design	
6	Testing and Implementation	
7	Future Enhancements	
8	Conclusion	
9	Codings & Screenshots	
10	Bibliography	

CERTIFICATE

DEPARTMENT OF COMPUTER SCIENCE

ST.MARY'S COLLEGE (AUTONOMOUS)

THOOTHUKUDI

Affiliated to MANONMANIAM SUNDARANAR UNIVERSITY



This is certify that the project entitled **FITNESS APP** Submitted by

NAME	REGNO
N.Ishwarya Lakshmi	17AUCS14
J.Pavithra	17AUCS30
H.Sathya Bala	17AUCS40
A.Shylin Nisha	17AUCS44

In partial fulfilment of the requirements for the award of degree in
BACHELOR OF COMPUTER SCIENCE during the year **2017-2020**

S. Granethy
GUIDE

S. Granethy
HEAD OF DEPARTMENT

Submitted for the examination held on 03.06.2020

J. Anthony
Examiner

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.