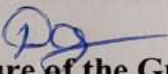
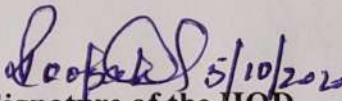


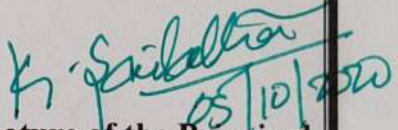
Department of Computer Science

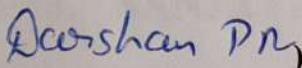
CERTIFICATE

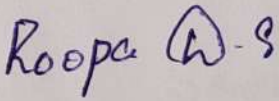
This is to certify that SACHIN S P, SANJAY P, SANJAYA T M, SURAJ R H students of VI Semester BCA bearing Register No.: BC170984, BC170991, BC170994, BC171011 has successfully completed the project work entitled "E-CENSUS" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.


Signature of the Guide


Signature of the HOD


Signature of the Principal


Deorshan Pn


Roopa W-S

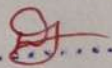
Principal
PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

External Viva Date:

Department of Computer Science

Name of the Examiners

1. Examiners

2. 1.
2. 

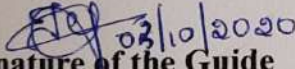
Date : 5/10/2020

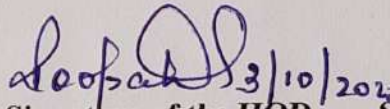
Signature with Date

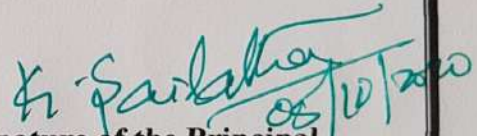
Department of Computer Science

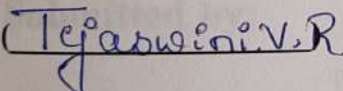
CERTIFICATE

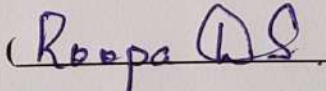
This is to certify that **Ms. Bibi Ameena, Ms. Harshitha B and Ms. Nagashree Kamath** students of VI Semester BCA bearing Register No.: **BC170914, BC10932 and BC170945** respectively has successfully completed the project work entitled **“ENSURING DATA STORAGE SECURITY IN CLOUD COMPUTING”** in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

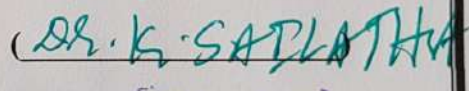

Signature of the Guide

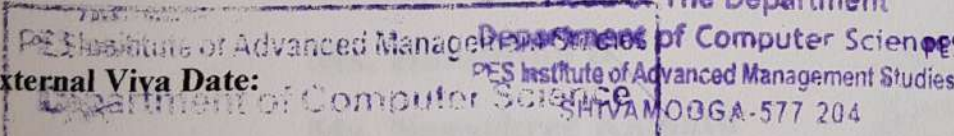

Signature of the HOD

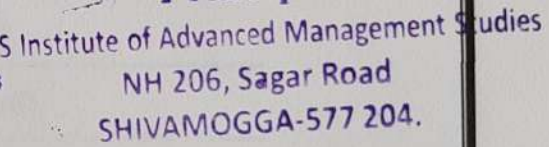

Signature of the Principal


Tejaswini V R


Head of The Department

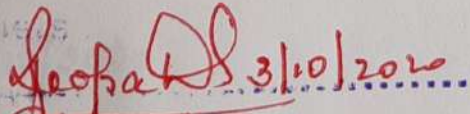
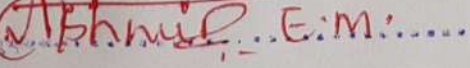

Principal

External Viva Date: 



VALUED
Name of the Examiners

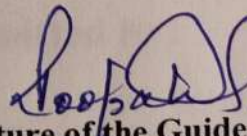
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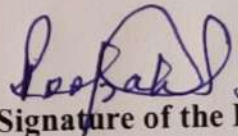
1.  3/10/2020
2.  E.M.
3/10/2020

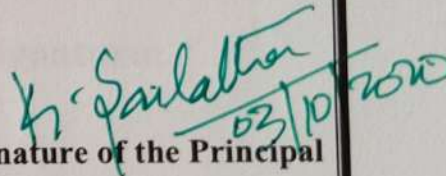
Department of Computer Science

CERTIFICATE

This is to certify that Paul Shreyas, Rahul R, Santhosh S M, Suhas S students of VI Semester BCA bearing Register No.: BC170960, BC170973, BC170995, BC171006 has successfully completed the project work entitled "ONLINE AUDITIONS" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

For  3/10/2020
Signature of the Guide

 3/10/2020
Signature of the HOD

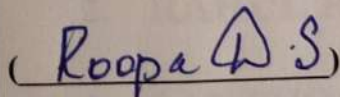
 03/10/2020
Signature of the Principal

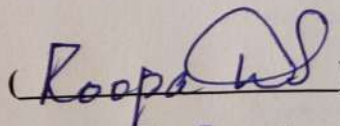
Principal

PES Institute of Advanced Management Studies

NH 206, Sagar Road

SHIVAMOGGA-577 204.

 (Roopa D.S.)

 (Roopa D.S.)

Head of The Department

PES Institute of Advanced Management Studies

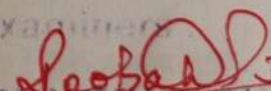
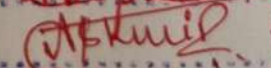
Department of Computer Science

External Viva Date: 3/10/2020
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

VALUED

Name of the Examiners

Signature with Date

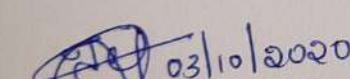
- Examiners
1.  3/10/2020
 2.  E.M.

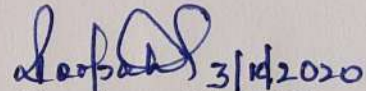
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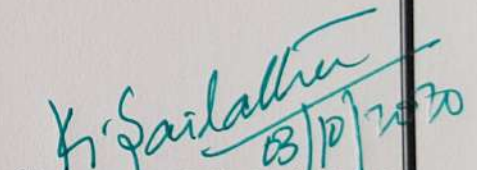
Department of Computer Science

CERTIFICATE

This is to certify that Mr. CHIRANTH B GOWDA , Mr. MOHAN Y , Mr. NAGAARDHAN V R , Mr. RAHUL B student of VI Semester BCA bearing Register No.: BC170923, BC170944, BC170946, BC170972 has successfully completed the project workentitled "MOBILE BASED STUDENT FEEDBACK SYSTEM" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.


Signature of the Guide


Signature of the HOD


Signature of the Principal

Tejaswini V.R.

(Roopa D.S.)

Principal

Head of The Department
Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

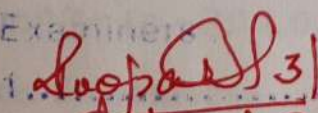
PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

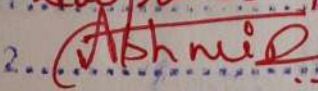
External Viva Date:

PES Institute of Advanced Management Studies
Department of Computer Science
Name of the Examiners

1. VALUED

2. Examiners

1.  3/10/2020

2.  E.M.

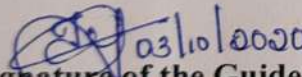
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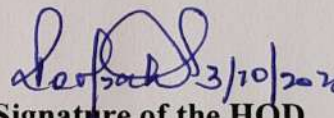
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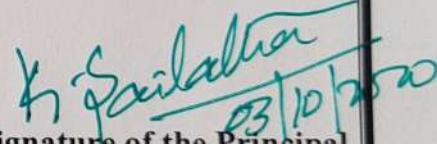
Department of Computer Science

CERTIFICATE

This is to certify that Ms. AISHWARYA A , Ms. BINDU G , Ms. CHAITHRA V H , Ms. DEVIKA C student of VI Semester BCA bearing Register No.: BC170902, BC170915, BC170917, BC170928 has successfully completed the project work entitled "PLACEMENT STREAM" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.


Signature of the Guide


Signature of the HOD


Signature of the Principal

Tejaswini V.R

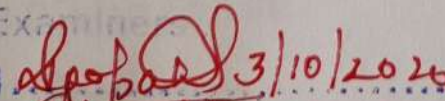
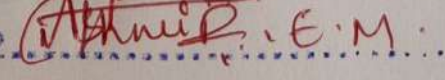
Roopa W.S

Principal

Head of The Department
Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204.

External Viva Date:

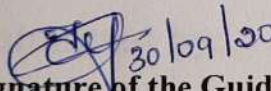
PES Institute of Advanced Management Studies	
Department of Computer Science	
Name of the Examiners	
1.	VALUED
2.	Examiner
1.	 3/10/2020
2.	 E.M.
Date : 3/10/2020	

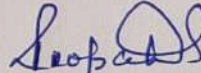
Signature with Date


Department of Computer Science

CERTIFICATE

This is to certify that Megha P S, Meghana D R, Namratha G S, Nandhini G P students of VI Semester BCA bearing Register No.: BC170940, BC170941, BC170947, BC170948 has successfully completed the project work entitled "DETECTING OBJECTS USING SONAR" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.


Signature of the Guide


Signature of the HOD
Head of The Department


Signature of the Principal

Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204
(Koopu D.S.)

Principal
PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

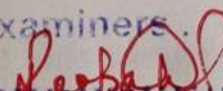
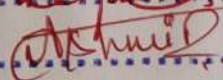
External Viva Date: _____
Advanced Management Studies

Department of Computer Science

Name of the Examiners

VALUED

Signature with Date

1. Examiners
1.  3/10/2020
2.  E.M.

Date : 3/10/2020

Department of Computer Science

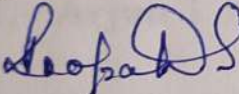
CERTIFICATE

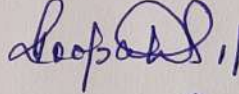
This is to certify that Arjun T K, Chethan Kumar M, Nikil A R, Pooja U students of VI Semester BCA bearing Register No.: BC170908, BC170920, BC170954, BC170962 has successfully completed the project work entitled "DYNAMIC TIME TABLE GENERATION" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

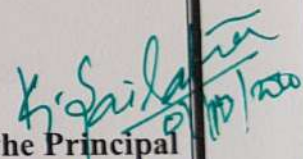
Signature of the Guide

Signature of the HOD

Signature of the Principal


(Roopa D. S.)


(Roopa D. S.)
Head of the Department


Principal
PES Institute of Advanced Management
NH 206, Sagar Road
SHIVAMOGGA-577 204.

External Viva Date:

Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

Name of the Examiners

Signature with Date


1.

VALUED

2.

Examiners

1. 

2. 

Date : 3/10/2020



PES IAMS

DEPARTMENT OF BACHELOR OF COMPUTER APPLICATION

N H 206, Sagar Road, Shivamogga-577 204

CERTIFICATE

This is to certify that the project work entitled **“Online Voting Using QR code and Fingerprint”** is a bonafide work carried out by **Ms. Priyanka C, Ms. Usha D, Ms. Vanishree U, Ms. Varsha VR** having Reg. Nos. **BC170969, BC171015, BC171017, BC17018** students of **PES INSTITUTE OF ADVANCED MANAGEMENT STUDIES**, in partial fulfillment for the award of degree of Bachelor of Computer Application of the Kuvempu University, Shankarghatta during the academic year 2019-2020. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

For *Roopa D.S.* 1/10/2020 *Roopa D.S.* 1/10/2020
Signature of the Guide Signature of the HOD

K. Sailatha 01/10/2020
Signature of the Principal

(Roopa D.S.)

(Roopa D.S.)

(Principal)

Ms. Bindu. D. S

Head of The Department

Department of Computer Science

PES Institute of Advanced Management Studies

SHIVAMOGGA-577 204

Dr. K. Sailatha

NH 206, Sagar Road

SHIVAMOGGA-577 204.

PES Institute of Advanced Management Studies
External Viva Date
Department of Computer Science

Name of the Examiners

VALUED

Signature with Date

1.
2. Examiners
1. *Amthun*
2. *AS*
Date : *3/10/2020*

Department of Computer Science

CERTIFICATE

This is to certify that Mr. Naveen Kumar S S, Mr. Sharath B G, students of VI Semester BCA bearing Register No.: BC171021, BC170997 has successfully completed the project work entitled "WEB APPLICATION ON POLLUTION CONTROL SYSTEM" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Roopa D.S.
Signature of the Guide

Roopa D.S. 24/9/2020
Signature of the HOD

K. S. Sridhar
Signature of the Principal

(Roopa D.S.)

(Roopa D.S.)
Head of The Department

(Dr. K. S. Sridhar)
Principal

Department of Computer Science PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

External Viva Date:

03/10/2020

PES Institute of Advanced Management Studies
Name of the Examiners Computer Science

1. VALUED

2. Examiners

1. *[Signature]*

2. *[Signature]*

Date : 3/10/2020

Signature with Date



ಪಿಇಎಮ್‌ಸಿ ಅಭಿವೃದ್ಧಿ ಮತ್ತು ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧಿಕೃತ ಅಂಗವಾಗಿ ಕಾರ್ಯನಿರ್ವಹಿಸುತ್ತಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

PES Institute of Advanced Management Studies

(Affiliated to Kuvempu University, Recognized by Govt. of Karnataka)

Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that Ms.ANANYA B SHETTY , Mr.DARSHAN S , Ms.JANET NISHMITHA SALINES , Mr.NITHIN KUMAR K student of VI Semester BCA bearing Register No.: BC170905,BC170925,BC170933,BC170958 has successfully completed the project workentitled "INTRA COLLEGE EVENT MANAGEMENT SYSTEM" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

[Signature]
Signature of the Guide
(Rangaswamy. H)
03/10/2020

[Signature]
Signature of the HOD
(Roopa W. S.)

[Signature]
Signature of the Principal
(Principal)
03/10/2020

Head of The Department
Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

External Viva Date:

PES Institute of Advanced Management Studies	
Department of Computer Science	
Name of the Examiners	
1.	VALUED
2.	
Examiner	
1.
2.
Date :	3/10/2020

Signature with Date



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಹಾಯಕವಿಭಾಗವಾಗಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮನ್ನಣೆ ಪಡೆದಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

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Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that the project work entitled "FACIAL RECOGNITION USING IMAGE PROCESSING TECHNIQUES" is an integral work carried out by Adarsh A G, Bharath Kumar M, Shoaib Khan having REG. NO BC170901, BC170911, BC170999, students of PES INSTITUTE OF ADVANCED MANAGEMENT STUDIES, in partial fulfillment for the award of degree of Bachelor of Computer Applications of the Kuvempu University, Shankarghatta during the academic year 2019-2020. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

[Signature]
Signature of the Guide
03/10/2020

[Signature]
Signature of the HOD
03/10/2020

[Signature]
Signature of the Principal
03/10/2020

Principal

PES Institute of Advanced Management Studies
(NH 206, Sagar Road)
SHIVAMOGGA-577 204

[Signature]

[Signature]
Head of the Department

PES Institute of Advanced Management Studies
Department of Computer Science
SHIVAMOGGA-577 204

External Viva Date:

VALUED

Name of the Examiners

- 1. *[Signature]* 03/10/2020
- 2. *[Signature]*

Date : 03/10/2020

Signature with Date



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಸರ್ಕಾರಿ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಂಗವಿದ್ಯಾನಿಲಯವಾಗಿ ಕಾರ್ಯನಿರ್ವಹಿಸುತ್ತಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

PES Institute of Advanced Management Studies

(Affiliated to Kuvempu University, Recognized by Govt. of Karnataka)

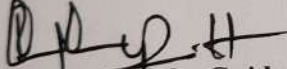
Website : pestrust.edu.in/pesiams

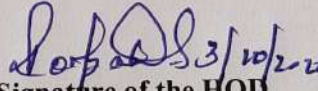
N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

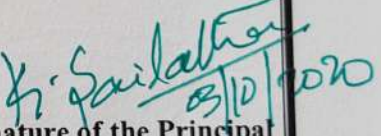
Department of Computer Science

CERTIFICATE

This is to certify that Mr. BHARATH V S , Mr.HARSHITH G L ; Mr. MEGHARAJ R , Mr.NARESH H P student of VI Semester BCA bearing Register No.: BC170912, BC170931, BC170942, BC170950 has successfully completed the project workentitled "COOKING OIL QUALITY ANALYSIS USING IMAGE PROCESSING TECHNIQUES" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.


Signature of the Guide
03/10/2020
(Rangaswamy H)


Signature of the HOD


Signature of the Principal
03/10/2020

(Roopa D.S)
Head of The Department

Principal

Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204.

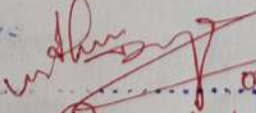
External Viva Date:

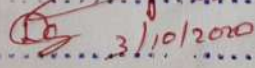
PES Institute of Advanced Management Studies
Department of Computer Science

Name of the Examiners

1. VALUED

2. Examiners

1.  03/10/2020

2.  3/10/2020

Date : 03/10/2020

Signature with Date

Department of Computer Science

CERTIFICATE

This is to certify that Mr. Samarth S Rao, Mr. Thakshak S K, Mr. Prajwal Saraf S, Mr. Sharath B G, students of VI Semester BCA bearing Register No.: BC170989, BC171014, BC170965, BC170996 has successfully completed the project work entitled "FACIAL RECOGNITION BASED ATTENDANCE SYSTEM" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

[Signature] 6/10/2020
Signature of the Guide

[Signature] 6/10/2020
Signature of the HOD

[Signature] 6/10/2020
Signature of the Principal

(Roopa D. S)

(Roopa D. S)

Principal

Head of The Department

Department of Computer Science

NH 206, Sagar Road
SHIVAMOGGA-577 204.

External Viva Date: PES Institute of Advanced Management Studies

PES Institute of Advanced Management Studies SHIVAMOGGA-577 204

Department of Computer Science

Name of the Examiners

Signature with Date

1.

Examiners

2.

1.

2.

Date : 6/10/20



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಂಯೋಜಿತವಾಗಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

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Department of Computer Science

CERTIFICATE

This is to certify that NIKHIL S, SUPRITHA A S, SAGAR K students of VI Semester BCA bearing Register No.: BC171010, BC170956, BC170985 has successfully completed the project work entitled "STUDENT EXAMINATION AND RESULT SYSTEM" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Prashanth R 6/10/2020
Signature of the Guide

PRASHANTH KUMAR.R

Reepa D.S. 6/10/2020
Signature of the HOD

Head of The Department

Department of Computer Science

PES Institute of Advanced Management Studies

SHIVAMOGGA-577 204

K. Sairaj 6/10/2020
Signature of the Principal

Principal

PES Institute of Advanced Management Studies

NH 206, Sagar Road

SHIVAMOGGA-577 204

External Viva Date:

Department of Computer Science

Name of the Examiners

VALUED

Signature with Date

1. Examiners

2.

Date : 6/10/2020

Department of Computer Science

CERTIFICATE

This is to certify that students **Ms. Pallavi N V, Ms. Sakshi Jain, Ms. Suchitha A Sharol, Ms .Swathi K S** of VI Semester BCA bearing Register No.: BC171012 has successfully completed the project work entitled **“POLICE BEAT CONTROL SYSTEM”** in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Prashanth Kumar
31/10/2020
Signature of the Guide
(PRASHANTH KUMAR)

Keerthi D S
31/10/2020
Signature of the HOD
(Keerthi D S)

K. Suchitha
03/10/2020
Signature of the Principal
(Principal)

PES Institute of Advanced Management Studies
Department of Computer Science
SHIVAMOGGA-577 204
PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204.

External Viva Date: _____

VALUED
Name of the Examiners

1. *[Signature]*

2. *[Signature]*

Signature with Date

Date : 6/10/2020



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕುಮಟಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಂಯೋಜಿತವಾಗಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

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Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that Ms. Anusha A B, Ms. Rakshitha C, Ms. Usha M, Ms. Pallavi Ishwar Naik students of VI Semester BCA bearing Register No.: BC170906, BC170977, BC171016, BC171022 has successfully completed the project work entitled "ONLINE APPLICATION FOR POST-GRADUATION ADMISSION" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Prashanth Kumar..R
Signature of the Guide 11/10/2020

PRASHANTH KUMAR..R
()

Roopa D.S 11/10/2020
Signature of the HOD

(*Roopa D.S*)
Head of The Department
Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

K. Sankar 01/10/2020
Signature of the Principal

()
Principal
PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

External Viva Date:

PES Institute of Advanced Management Studies

Department of Computer Science

Name of the Examiners

VALUED

1.

2.

Examiners

1. *Anusha A B*

2. *Rakshitha C*

Date : 6/10/2020

Signature with Date

Department of Computer Science

CERTIFICATE

This is to certify that Ms. SALONI JAIN , Ms. AFRA SHEIK , Ms. SYEDA AFIYA , Ms. BHOOMIKA J SHETTY student of VI Semester BCA bearing Register No.: BC170988, BC171020, BC171013, BC170913 has successfully completed the project work entitled "PIC-O-STIKA" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Roopa D.S.
Signature of the Guide

Roopa D.S.
Signature of the HOD

K. Sachin
Signature of the Principal

Roopa D.S.

Roopa D.S.
Head of the Department
Department of Computer Science
PES Institute of Advanced Management Studies

Principal
PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

External Viva Date: 06/10/20 SHIVAMOGGA-577 204

PES Institute of Advanced Management Studies
Department of Computer Science

Name of the Examiners

1. VALUED

2. Examiners

1. *[Signature]*

2. *[Signature]*

Date : 06/10/2020

Signature with Date



ಪಿಇಎಸ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಂಗವಿದ್ಯಾನಿಲಯವಾಗಿರಲಾಗಿದೆ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅನುಮೋದನೆ ಪಡೆದಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

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Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that Mr. CHAITRA U BILAGI , Ms..RAMYA G C , Ms. RANJITHA S , students of VI Semester BCA bearing Register No.: BC170916, BC170978, BC170980, has successfully completed the project workentitled "HOUSE PRICE PREDICTION in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Ashwini. E. M.
Signature of the Guide

(Signature) E.M.

(Signature) 5/10/2020
Signature of the HOD

(Roopa D.S.)
Head of The Department
Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

(Signature) 5/10/2020
Signature of the Principal

(Principal)
PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204.

External Viva Date:

PES Institute of Advanced Management Studies
Name of the Examiners
Department of Computer Science

1. VALUED

2.

Examiners:

1. *(Signature)*

2. *(Signature)*

Date: 5/10/2020

Signature with Date



ಪಿಇಎಮ್‌ಸಿ ಅಭಿವೃದ್ಧಿ ಮತ್ತು ಅಧ್ಯಯನ ಮಂಡಳಿ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧಿಕೃತ ಅಂಗ)

Phone : 8147053085

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

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Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that Ms. Priyanka T M, Ms. Deepika G N, Ms. Nikhitha V S, Ms. Sindhu G N students of VI Semester BCA bearing Register No. : BC170970, BC170927, BC170957, BC171003 has successfully completed the project work entitled "UNIVERSITY CAMPUS ONLINE AUTOMATION USING CLOUD COMPUTING" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Ashwini E.M
Signature of the Guide

Deepa D.S. 5/10/2020
Signature of the HOD

K. Sairath 5/10/2020
Signature of the Principal

Principal

PES Institute of Advanced Management Studies

(NH 206, Sagar Road)
SHIVAMOGGA-577 204.

Ashwini E.M

Roopa D.S.
Head of The Department

Department of Computer Science

External Viva Date:

Department of Computer Science

Name of the Examiners

Signature with Date

1. Examiners .

1. _____ PA _____

2. _____ A _____

Date: 5/10/2020



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕುಮಟಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಂಯೋಜಿತವಾಗಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

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Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that Nandish S H, Nikhil B L, Rakshith R, Shreyas S Shetty students of VI Semester BCA bearing Register No.: BC170949, BC170955, BC170976, BC171001 has successfully completed the project work entitled "ARMY SAFETY DETECTION" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Ashmini E.M.
Signature of the Guide

[Handwritten Signature] 5/10/2020
Signature of the HOD

[Handwritten Signature] 5/10/2020
Signature of the Principal
Principal

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204.

[Handwritten Signature] E.M.
Head of the Department

[Handwritten Signature] R.S.
Head of the Department

External Viva Date: _____
Department of Computer Science
SHIVAMOGGA 577 204

VALUED

Name of the Examiners

Signature with Date

- Examiners
1. _____ *PS*
 2. _____ *5/10/2020*



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಂಯೋಜಿತವಾಗಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾರ್ಗದರ್ಶನದಡಿ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

PES Institute of Advanced Management Studies

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Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that **ATHIRA D NAMBIAR** , **DEEPA PRASAD** , **ROOPA PRASAD** , **STELLA SAJI JOHN** students of VI Semester BCA bearing Register No.: BC170909, BC170926, BC170983, BC171004 has successfully completed the project work entitled "STOCK MARKET PREDICTION" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

ANMOL UK
Signature of the Guide
(ANMOL UK 5/10/2020)

(Roopa W.S. 5/10/2020)
Signature of the HOD
(Roopa W.S.)

(Dr. K. SARATHA)
Signature of the Principal
(Dr. K. SARATHA)

Head of The Department

Principal

Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204.

External Viva Date:

Name of the Examiners

Signature with Date

1.	PES Institute of Advanced Management Studies Department of Computer Science
2.	VALUED
Examiners	
1.	<i>(Signature)</i>
2.	<i>(Signature)</i>
Date : <i>5/10/2020</i>	

PES INSTITUTE OF ADVANCED MANAGEMENT STUDIES



DEPARTMENT OF BACHELOR OF COMPUTER APPLICATIONS

NH-206, Sagar Road, Shivamogga - 577 204

CERTIFICATE

This is to certify that the project work entitled **"AUDIO CRYPTOGRAPHY"** is a bonafide work carried out by **Mr. Chethan N, Harsha M Sajjan, Punith N S, Sanjay U V** having **REG. NO BC170922, BC170930, BC170971, BC170993**, students of PES INSTITUTE OF ADVANCED MANAGEMENT STUDIES, in partial fulfillment for the award of degree of Bachelor of Computer Applications of the Kuvempu University, Shankarghatta during the academic year 2019-2020. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of the Guide: *Anamol V.K.*
Signature of the HOD: *Roopa D.S.* 5/10/2020
Signature of the Principal: *H. Sai Lalitha* 05/10/2020

Principal
PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204.

External Viva Date: **VALUED**
Name of the Examiners:
1. *PS*
2. *A*

5/10/2020



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾನಿಲಯಕ್ಕೆ ಸೇರಿದಂತೆ ಸರ್ಕಾರದಿಂದ ಅನುಮೋದಿತ ಮತ್ತು ಸಂಪೂರ್ಣ ಸ್ವೀಕೃತ ವಿದ್ಯಾಪೀಠ)

Phone : 8147053085

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

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Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that Mr. MADHU GOWDA K S , Mr. RAKESH R , Mr. SANJAY R , Mr. SUMUKHA M N student of VI Semester BCA bearing Register No.: BC170939, BC170975, BC170992, BC171008 has successfully completed the project work entitled "FACE RECOGNITION AND EMOTION RECOGNITION" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

ANMOL UK
Signature of the Guide
(Signature) 5/14/2020

(Signature) 5/10/2020
Signature of the HOD

(Signature)
Signature of the Principal
Principal

(Signature)
Head of The Department

Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

External Viva Date:

PES Institute of Advanced Management Studies
Department of Computer Science

Name of the Examiners

1. VALUED

2. Examiners

1. *(Signature)*

2. *(Signature)*

Date : 5/10/2020

Signature with Date



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕುರುವು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಂಯೋಜಿತವಾಗಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾರ್ಗದರ್ಶಿ ಪಡೆದಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

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Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that Ms. Navya T U, Ms. Neha C N, Ms. Shrutha B U, Ms. Sumana N students of VI Semester BCA bearing Register No.: BC170951, BC170953, BC171002, BC171007 has successfully completed the project work entitled "STUDENT QUICK INFORMATION" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Signature of the Guide

[Signature]
03/10/2020

[MITHUN DFOUZA]

Signature of the HOD

[Signature]
Head of the Department

Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

Signature of the Principal

[Signature]
03/10/2020

Principal

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

External Viva Date:

PES Institute of Advanced Management Studies
Department of Computer Science

Signature with Date

1.

VALUED

2.

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

Date : 5/10/2020

Department of Computer Science

CERTIFICATE

This is to certify that Mr. AKASH M, Ms. CHANDANA K C, Ms. KRUTHIKA C SHETTY and Ms NAYANA Y student of VI Semester BCA bearing Register No.: BC170903, BC170919, BC170937 and BC170952 has successfully completed the project work entitled "LAB EXAM ORGANIZER" in partial fulfillment of the requirement for the award of degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the academic year 2019-2020.

Signature of the Guide

(Signature)
01/10/2020

Signature of the HOD

(Signature) 01/10/2020

(Roopa D.S.)

Head of The Department

Department of Computer Science

Signature of the Principal

(Signature)
01/10/2020

(Dr. K. SAILATHA)

Principal

PES Institute of Advanced Management Studies

NH 206, Sagar Road

SHIVAMOGGA-577 204

External Viva Date:

PES Institute of Advanced Management Studies, Shivamogga-577 204

Department of Computer Science

Name of the Examiners

1.

Examiners: *(Signature)*

2.

(Signature)

Date : 5/10/2020

Signature with Date



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಇವತ್ತು ಬಿಕ್ಕಿರಿಯಿರುವ ಸಂಯೋಜಿತವಿಧದ ಮತ್ತು ಕಾರ್ಯಕರಣದ ವಾಸ್ತವ ವಿದ್ಯೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

PES Institute of Advanced Management Studies

(Affiliated to Kuvempu University, Recognized by Govt. of Karnataka)

Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that Ms. PRATHAMA U , Ms..PRIYA V , Ms. SUPRAJA G S , students of VI Semester BCA bearing Register No.: BC170966, BC170968, BC171009, has successfully completed the project workentitled "MOBILE THEFT IDENTIFICATION" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Mithun D Souza
Signature of the Guide

(MITHUN D SOUZA)

Roopa D.S.
Signature of the HOD

(Roopa D.S.)
Head of The Department

Department of Computer Science
PES Institute of Advanced Management Studies

SHIVAMOGGA-577 204

K. Srilakshmi
Signature of the Principal

Principal

PES Institute of Advanced Management Stud

NH 206, Sagar Road

SHIVAMOGGA-577 204.

External Viva Date: 05/10/2020

Name of the Examiners
PES Institute of Advanced Management Studies

1. Department of Computer Science

2.

Examiners

1.

2.

Date :

5/10/2020

Signature with Date

VALUED



ಪಿಇಎಮ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕವಲು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಂಗವಿದ್ಯಾನಿಲಯವಾಗಿ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅನುಮೋದನೆ ಪಡೆದಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

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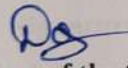
Website : pestrust.edu.in/pesiams

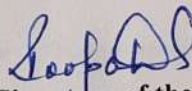
N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

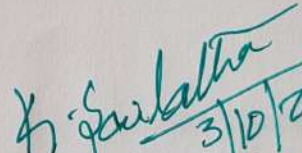
Department of Computer Science

CERTIFICATE

This is to certify that Ms. KANIZ FATHIMA N and Ms. KAVANA PRABHU K student of VI Semester BCA bearing Register No.:BC170934 and BC170935 has successfully completed the project work entitled "NATYARAMBA" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.


Signature of the Guide
(DARSHAN PR)


Signature of the HOD
(Koopa W.S)


Signature of the Principal
(Principal)

Head of The Department

Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204.

External Viva Date:

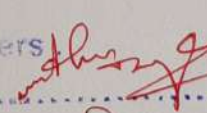
Name of the Examiners


Signature with Date

PES Institute of Advanced Management Studies
Department of Computer Science

VALUED

Examiners

1. 

2. 

Date : 5/10/2020



ಪಿಇಎಮ್‌ಐಎಂಎಸ್ ಸಿಇಎಮ್‌ಐಎಂಎಸ್ ಅಭಿವೃದ್ಧಿ ಮತ್ತು ಅಧ್ಯಯನ ಕೇಂದ್ರ

(ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾನಿಲಯಕ್ಕೆ ಸೇರಿದ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮನ್ನಣೆ ಪಡೆದಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

Phone : 8147053085

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N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that Ms. Anusha H B, Ms. Chandana K B, Mr. Chethan M, Ms. Lavanya Sstudent of VI Semester BCA bearing Register No.: BC170907, BC170918, BC170921, BC170938 has successfully completed the project work entitled "ONLINE BOUTIQUE FASHION DESIGNERS" in partial fulfillment of the requirement for the award of Degree in Bachelor of Computer Applications from PES Institute of Advanced Management Studies, Shivamogga, during the Academic year 2019-2020.

Signature of the Guide

Anusha HB

Signature of the HOD

Roopa D.S

Signature of the Principal

K. Srikanthu
03/10/2020

Principal

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

External Viva Date:

Head of The Department
Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

Name of the Examiners

1.

2.

PES Institute of Advanced Management Studies
Department of Computer Science

VALUED

1.

2.

Date : 5/10/2020

Signature with Date



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸ್‌ಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಂಯೋಜಿತವಾಗಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾರ್ಗದರ್ಶಿ ಅಡಿಯಲ್ಲಿ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

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Website : pestrust.edu.in/pesiams

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Department of Computer Science

CERTIFICATE

This is to certify that the project work entitled "OBJECT DETECTION FOR BLIND AND TRACKING AND ALERT SYSTEM" is an integral work carried out by Poorvika K V, Priya D, Renuka N B and Shreya C O having REG. NO BC170963, BC170967, BC170981 and BC171000 students of PES INSTITUTE OF ADVANCED MANAGEMENT STUDIES, in partial fulfillment for the award of degree of Bachelor of Computer Applications of the Kuvempu University, Shankarghatta during the academic year 2019-2020. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

[Signature] 03/10/2020
Signature of the Guide

[Signature] 3/10/2020
Signature of the HOD

[Signature] 03/10/2020
Signature of the Principal

Principal

PES Institute of Advanced Management Studies

NH 206, Sagar Road,
SHIVAMOGGA-577 204.

[Signature] V.B

[Signature] P.D.S

Head of The Department
Department of Computer Science
Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA-577 204

External Viva Date:

VALID

Name of the Examiners

1. *[Signature]* 3/10/2020
2. *[Signature]* G.M.

Signature with Date

2. Date : 3/10/2020