FACE DETECTION USING OPEN CV

An Internship report submitted in partial fulfillment of the requirements for

the degree of

Bachelor of Computer Science

submitted to the

Periyar University, Salem-11

Submitted By

DIVYA . D

REG.NO:C21UG152CSC009

Under the guidance of

Mr. SAJAN. S

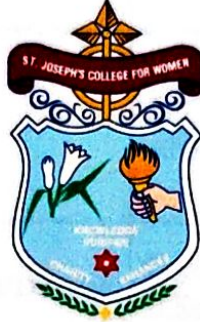**St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR**

WOMEN

(AFILIATED TO PERIYAR UNIVERSITY)

MOOKANDAPALLI, HOSUR-635126

NOVEMBER 2022-2023

St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR

WOMEN

(Affiliated To Periyar University) Mookandapalli,

Hosur-635126

CERTIFICATE

this is to certify that the Internship entitled

FACE DETECTION USING OPEN CV

is a bonafide work done by

DIVYS . D

Reg. NO: C21UG152CSC009

In partial fulfillment of the requirements for the degree of Bachelor of Computer
Science affiliated to Periyar University Salem 11, during the year

2022-2023

Verified by

Mrs. M.SUGUNA ,M.C.A.,M.Phil.,NET

Head of the Department

Dr.DHINA SURESH M.Sc, M.Phil, Ph.D.
Head and Assistant Professor
Department of Computer Science
St. Joseph's College of Arts and Science for Women
SIPCOT, Hosur - 635 126.

Submitted for the internship programme for the year 2022-2023.

Viva voce   14/11/2023

Internal 14/11/23

INTERNSHIP TRAINING REPORT

UG STUDENTS – 2nd YEAR – 4th SEMESTER INTERNSHIP TRAINING

1	Name of the candidate	DIVYA .D
2	University Examination Registration Number	C21UG152CSC009
3	Name of the college	St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN
4	Name of the Department/Degree	Computer Science B.Sc CS
5	Name of the Industry/Institute in which for Internship Training undergone	BOSTON INSTITUTE
6	Guide/Supervisor under whom the training undertaken	Mr.Sajan.S
7	Title of the Training	Artificial Intelligence
8	The brief output of training	Enclosed
9	Conclusion	Gaining Knowledge about Open CV
10	The outcome of the training	Industrial Experience

Divya-D
Signature of the
Student

Signature of the
Guide

Signature of the
HOD

Principal
PRINCIPAL
ST. JOSEPH'S COLLEGE OF ARTS
& SCIENCE FOR WOMEN
Mookandapalli, Sipcot,
HOSUR - 635 126, Krishnagiri - Dist.

INTERNSHIP REPORT

ACKNOWLEDGEMENT

First, I would like to thank the Almighty for providing me with everything that I required in completing this project.

I acknowledge with thanks the kind patronage, loving inspiration and timely guidance which I have received from Mr.SAJAN.S, DATA ANALYST at Boston IT Solutions India.

I extend my thanks to my parents and well-wishes for their constant support and encouragement.

EXECUTIVE SUMMARY

The vial portion of my under-graduate course is drawn from the 1st day internship program at Boston Company (Bachelor in Computer science). Mainly due to the fact that most students start their desired industrial field without having any prior job experience. The internship program enhances the depth of learning.

Our interactions in the sector began with quickly moving consumer items and current trends.

SUMMARY

I worked as an intern for the company that delivers finished Artificial intelligence.

LEARNING

I had exposure to numerous project components throughout this assignment. I learnt how to detect a face from image using open CV. This helped me to learn in depth of Artificial intelligence.

Place: Hosur
Date: 14/11/23

Divya. D
Signature of the student

BOSTON TRAINING ACADEMY

INTERNSHIP COMPLETION LETTER

Dear DIVYA D,

This is an Internship Completion Certificate for **Ms. DIVYA D (C21UG152CSC009)** from **St Joseph's College of Arts and Science for Women** We state on record that **DIVYA D (C21UG152CSC009)** has successfully completed an internship project in the role of **Artificial Intelligence Intern** at Boston Training Academy from **26/06/2023** to **10/07/2023** (duration in month). During Internship, she worked on **"FACE DETECTION USING OPEN CV"**. Her performance was Good and was able to complete the project successfully.

We wish **her** all the best for **her** future career.

Thanks

Laxmi Nageswari

Laxmi Nageswari
Global Head AI Education & Solutions
Boston IT Solutions India Pvt. Ltd.

⊘ ADDRESS

No 64, Ground Floor, Railway Parallel Road, Kumara Park West, Bengaluru, 560020, India

⊙ PHONE

+91 80 4308 4000

⊙ EMAIL

sales@bostonindia.in

⊙ WEB

www.bostonindia.in

OBJECTIVE

WEEK-1 :

- We learnt about Boston.
- The introduction of data science, web development and AI was given.
- Artificial intelligence was given topic by dividing them into group of 4.
- We were told to know about the topic and the basic doubts were cleared.
- Our interest over the topic was discussed.
- The source code and the related topics were taught as a group.
- The coding related idea was given.

WEEK-2 :

- The coding of the project was taken.
- According to the coding the face has been detected and output was done.
- The related doubts were cleared and the mistakes were solved.
- The presentation was prepared.
- The demo of the presentation was done before the day of the original presentation.
- It was presented and the questions were asked and were replied by the students.
- The area where improvement is needed was explained.
- Students gave feedback about the internship.

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Submitted By

INDHU SHREE.V

REG.NO:C21UG152CSC018

Under the guidance of

Mr. SAJAN. S

St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR

WOMEN

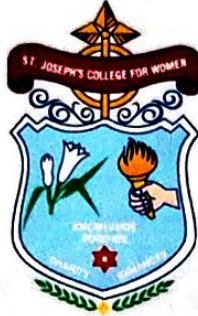## (AFILIATED TO PERIYAR UNIVERSITY)

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NOVEMBER 2022-2023

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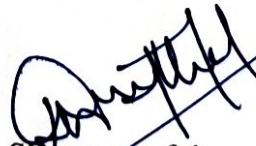viva voce   14|11|2023

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PERIYAR UNIVERSITY

INTERNSHIP TRAINING REPORT

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Indhu shree.v
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Student

Signature of the
Guide

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Place: HOSUR

Date: 14|11|23

Indhu Shree .V

Signature of the student

BOSTON TRAINING ACADEMY

Date: 10/7/23

INTERNSHIP COMPLETION LETTER

Dear **INDHU SHREE V,**

This is an Internship Completion Certificate for **Ms. INDHU SHREE V (C21UG152CSC018)** from St Joseph's College of Arts and Science for Women We state on record that **INDHU SHREE V (C21UG152CSC018)** has successfully completed an internship project in the role of **Artificial Intelligence Intern** at Boston Training Academy from **26/06/2023** to **10/07/2023** (duration in month). During Internship, she worked on **"FACE DETECTION USING OPEN CV"**. Her performance was Good and was able to complete the project successfully.

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