

Date: - 09-Jan.-2024

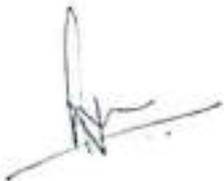
CERTIFICATE
TO WHOMSEVER IT MAY CONCERN.

This is to certify that Ms. Sheenu Bhat who is a student at M.K.S.S.'s Cummins College of Engineering for Women, Karve Nagar Pune has attended an Internship Program TEIM from 10th July to 10th Dec. 2023

During this internship, she was involved in the project titled "Estimation of PM2.5 values using Machine Learning on Images."

During the internship she demonstrated good skills with self-motivated attitude to learn new things. She performance exceeded expectations and was able to complete the project successfully on time. We wish Ms. Sheenu Bhat all the best in her future career.

For TEIM, Pune



Vishal Goswami
Director

CERTIFICATE

This is to certify that

Mansha Mattoo	C22020111102
Ishita Agarwal	C22020111105
Khushi Agrawal	C22020111106
Shreya Ghumtane	C22020111135

have successfully completed the work on their project topic

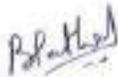
Building website for identification of missing and unrecognized people using face recognition algorithm

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

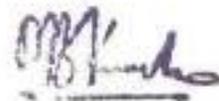
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide
[Dr. Bageshree Pathak]



Head of the Department
[Dr. (Mrs.) Sharada Ohatakar]



Principal
[Dr. (Mrs.) M.B. Khambete]

Nomura Services India Private LimitedWinchester – 10th Floor, Powai Business District, Powai,

Mumbai - 400 076, India

Telephone +91 22 3053 4626**Facsimile** +91 22 3053 2111**Website** www.nomura.com

03 January 2024

Internship Completion Letter

This is to certify that Aakanksha Dattatray Dorage, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Global Markets IT division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

Reshma Khanna

Executive Director - Human Resources

Nomura Services India Private Limited
Registered in India No.
U72200MH2004PTC147813 A member of the
Nomura group of companies

13th January 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **AASTHA GADE**, a student of Bachelor of Technology (ECE) in MKSSS's Cummins College of Engineering for Women, Pune, has undergone Internship at Cyient Limited and has successfully completed multiple projects with role of “**Software Development and Analytics**” during the period from 12th June'2023 till 19th Dec' 2023.

We found **AASTHA GADE** to be sincere, hardworking and responsible during her tenure with Cyient. We wish her success in all future endeavours.

For Cyient Limited



Krishna Kumar Nair
Head of Global Talent Acquisition - HR

CERTIFICATE

This is to certify that

Mansha Mattoo	C22020111102
Ishita Agarwal	C22020111105
Khushi Agrawal	C22020111106
Shreya Ghumtane	C22020111135

have successfully completed the work on their project topic

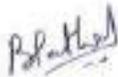
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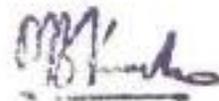
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
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PUNE - 411052.**



Internal Guide
[Dr. Bageshree Pathak]



Head of the Department
[Dr. (Mrs.) Sharada Ohatakar]



Principal
[Dr. (Mrs.) M.B. Khambete]

CERTIFICATE

This is to certify that

Mansha Mattoo	C22020111102
Ishita Agarwal	C22020111105
Khushi Agrawal	C22020111106
Shreya Ghumtane	C22020111135

have successfully completed the work on their project topic

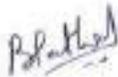
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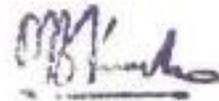
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide
[Dr. Bageshree Pathak]



Head of the Department
[Dr. (Mrs.) Sharada Ohatakar]



Principal
[Dr. (Mrs.) M.B. Khambete]

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Akanksha Shivarkar** (ID: C22020111107) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02. June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: Mindful Buying Web App (Germany Edition)

Subject area of the project: AI / ML / Analytics and Software Dev.

As a full-stack developer, Akanksha contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Angular, Node.js, Flask, LightGBM and Docker. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Akanksha's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contribution to the Mindful Buying App not only advanced our technical capabilities but also aligned perfectly with our mission of promoting sustainable living practices. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>

CERTIFICATE

This is to certify that

<u>Siddhi Suhas Akiwate</u>	<u>C22020111108</u>
<u>Payal Ajay Dhande</u>	<u>C22020111130</u>
<u>Manushree Jankivallabh Mundra</u>	<u>C22020111208</u>

have successfully completed the work on their **PROJECT TOPIC**
Development of Classification system using Deep Architecture

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE
NAGAR,
PUNE - 411052.**



Internal Guide

[Prof. Ganesh Padalkar]



Head of the Department

[Dr.(Mrs.) Sharada Ohatkar]



Principal

[Dr.(Mrs.) M.B. Khambete]

Internship Completion Certificate

ERC/NSTP/99993516

November 22, 2023

This is to certify that **Ms. Ananya Pendse** has worked as a Project Trainee with our "**Advance Technology Development-PSE**" department of Engineering Research Centre, Pune from **June 20, 20223 to October 20, 2023**.

During the period, she has worked on **Sentiment analysis of customer reviews** Project.

She has completed this project under the guidance and supervision of her reporting manager - **Mr. Prasanta Sarkar (General Manager- Advance Technology Development)**.

She has been sincere in her work during her stint in Tata Motors Ltd. Pune and her performance was **Very Good**.

We wish her all the best for her future endeavors.



For TATA Motors Ltd.

K Lavanya Lahari

Human Resources Engineering
Research Centre Tata Motors
Limited Pune



Manastik

Date: **31/01/24**

Internship Completion Letter

TO WHOMSOEVER IT MAY CONCERN,

Manastik certifies **Ananya Pendse** completed her internship from **1st November, 2023 to 1st January, 2024**.

During her time, she was responsible for working with the **development team**.

Ananya maintained **professionalism & discipline** during the internship & managed to **complete all the tasks as assigned**.

Yours sincerely,

Manastik Technologies Private Limited

Soubhik Das, COO

Date: 22-01-2024

Employee Code: ATM2355

Name: Arya Darvekar

Department: Research & Development

EXPERIENCE CUM RELIEVING LETTER

Dear Arya,

We certify that you were working with **Atomberg Technologies Private Limited** from **01-07-2023** to **30-12-2023** and were designated as **Intern - R&D** at the time of relieving.

We appreciate your contribution during your employment with the company and wish you success in your future career.

For Atomberg Technologies Pvt Ltd.

Neha Mishra



Neha Mishra
Lead - Rewards & OD

Atomberg Technologies Pvt Ltd

1205 Millenium Business Park, MIDC Industrial Area, Sector 1, KoparKhairane.
Navimumbai ,Maharashtra 400 710

CERTIFICATE

This is to certify that

Shruti Sachin Avadhut	C22020111111
Riya Sandesh Dunung	C22020111133
Samruddhi Arvind Gore	C22020111139
Mihika Yashwant Kothawade	C22020111156

have successfully completed the work on their PROJECT TOPIC
BIOMARKER DETECTION FOR LUNG CANCER

in partial fulfillment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr.Sandeep Musale]



Head of the Department
[Dr.(Mrs.)Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

Microsoft India (R&D) Pvt. Ltd
Prestige Ferns Galaxy
Survey No, 7/1, 7/2 & 8/1A
Ambalipura Village, Varthur Hobli
Outer Ring Road, Bengaluru 560103



Tel + 91-80-61772000
<http://www.microsoft.com/india>

21-Jul-23

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Pranita Kakasaheb Bhadange** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Rajesh Kumar Aggani (Raaggani) and Salini Saha (Salsaha).

We wish her all the best in her future endeavors.

Yours Sincerely,
For Microsoft India (R&D) Pvt. Ltd

A handwritten signature in blue ink that reads "Ira Gupta".

Ira Gupta
SR GEO HR DIRECTOR

A handwritten signature in blue ink that reads "Ira Gupta".

Signature of Candidate

Microsoft India (R&D) Pvt. Ltd.

CERTIFICATE

This is to certify that

Pranita Kakasaheb Bhadange	4112
Riddhi Shivkumar Chipade	4121
Shreeya Milind Mahajan	4162
Saba Shamim Momin	4203

have successfully completed the work on their PROJECT TOPIC

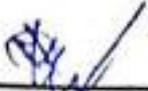
QUESTION PAPER GENERATOR

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



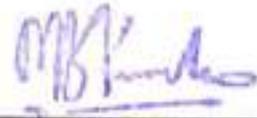
Internal Guide

[Prof. Narendra Kulkarni]



Head of the Department

[Dr.(Mrs.)Sharda Ohatkar]



Principal

[Dr.(Mrs.)M.B. Khambete]



Manastik

Date: **14/08/23**

Internship Completion Letter

TO WHOMSOEVER IT MAY CONCERN,

Manastik certifies **Paridhi Bhagwat** completed her internship from **1st June, 2023 to 1st August, 2023**.

During her time, she was responsible for working with **NodeJS & Cloud Platforms, pertaining to Backend mobile application development**.

Paridhi maintained **professionalism & discipline** during the internship & managed to **complete all the tasks as assigned**.

Yours sincerely,

Manastik Technologies Private Limited

Soubhik Das, CEO

CERTIFICATE

This is to certify that
Paridhi Bhagwat C22020111113
Vaishnavi P. Mane C22020111167
Janvi Ramnani C22020111236

have successfully completed the work on their PROJECT TOPIC

Detection and Prediction of Harmful Algal Blooms
in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRI BAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.



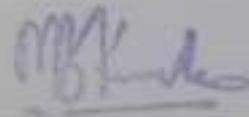
Internal Guide

[Dr.(Mrs.) Ashwini Deshpande]



Head of the Department

[Dr.(Mrs.)Sharada Ohatkar]



Principal

[Dr.(Mrs.)M.B. Khambete]

Nomura Services India Private Limited

Winchester – 10th Floor, Powai Business District, Powai,
Mumbai - 400 076, India

Telephone +91 22 3053 4626

Facsimile +91 22 3053 2111

Website www.nomura.com

03 January 2024

Internship Completion Letter

This is to certify that Tanaya Nilesh Bhanjale, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Global Markets IT division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

Reshma
Khanna

Digitally signed by
Reshma Khanna
Date: 2024.01.03
18:03:01 +05'30'

Reshma Khanna
Executive Director - Human Resources

Date: 5th December 2023

INTERNSHIP COMPLETION LETTER

We are glad to inform you that **Ms. Isha Bhargave** from **MKSSS's Cummins College of Engineering for Women, Pune**, has successfully completed her internship at SpryIQ from **5th JUNE 2023 to 5th DECEMBER 2023**.

During her internship, she was exposed to various activities on **Cyber Security using SOAR Platform**.

We found her extremely inquisitive and hard working. She was very much interested in learning the functions of our core division and willing to put her best efforts and get into the depth of the subject to understand it better.

Her association with us was very fruitful and we wish her all the best in her future endeavors.

Warm regards,




Swapnil Koulgikar
Director

PRIVATE AND CONFIDENTIAL**31st January 2024****TO WHOMSOEVER IT MAY CONCERN****Subject – Internship Certificate**

This is to certify that **Shreya Rohit Bhat (SESA726652)** from **Cummins College of Eng. for Women, Pune** has completed her internship with us at **Schneider Electric Private Limited** from **5th June 2023** to **8th December 2023** and she worked on

- **Testing & Validation of Numerical Protection Relay**
- **EDDG (New Product development)**

- she was reporting to **Bhanwar Lal Bishnoi**

During the period of her training, we found **Shreya Rohit Bhat** to be sincere, hardworking and a keen learner.

On behalf of Schneider Electric, we would like to thank her & wish her every success in future endeavors.

Best Regards,

For and on behalf of
Schneider Electric Private Limited

DocuSigned by:

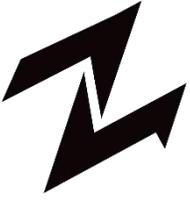
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Anshu Gupta, HR Services Vice President - India & MEA

Schneider Electric Private Limited

Corporate Office : 9th Floor, DLF Building No. 10C, DLF Cyber City Phase-II, Gurugram - 122002, Haryana, India Tel. +91 124 6899000 | Fax: +91 124 4222036, 4222037

Registered Office : C-56, Mayapuri Industrial Area, Phase-II, New Delhi - 110064, India
CIN : U74899DL1995PTC065815



TRENDZLINK TECHNOLOGY PVT. LTD.
46/1A/2 Sonawane Industrial Estate,
Satara road, Pune - 411009
Maharashtra, India

Aditya Khanwelkar - Founder
adityakhanwelkar@trendzlink.com
Rohit Joshi - Co-Founder
rohitjoshi@trendzlink.com

4th Dec 2023

Subject: Experience letter

To Whomsoever it may concern,

We hereby certify that Sanika Bhatkhande was working as a Machine Learning Intern with our company Trendzlink Technology Pvt. Ltd., during the period starting from June 2023 to December 2023. During her time working for us, she came across as a diligent and sincere person. Her interpersonal skills are outstanding and she has been very helpful and has been highly appraised by her co-workers for her eagerness to work and learn.

We wish her success in her future endeavors!



For Trendzlink Technology Pvt. Ltd.

(An Autonomous Institute)



CERTIFICATE

This is to certify that the "Internship report" submitted by Tejal Bidada (C22020111118), is work done by her at MKSSS Cummins College of Engineering Pune, and submitted during 2023-2024 academic year.

Internship Mentor
Department

Internship Coordinator

Head of the

CERTIFICATE

Acknowledgement

This is to certify that

Avani Chawardol	C22020111120
Shreeya Desai	C22020111127
Janhavi Kale	C22020111144
Sakshi Retharekar	C22020111238

have successfully completed the work on their PROJECT TOPIC
"UpLiftU"

in partial fulfillment for the award of the degree of
**Bachelor of Technology in ELECTRONICS AND
TELECOMMUNICATION**
ENGINEERING Of SAVITRIBAI PHULE PUNE UNIVERSITY,

in
**MKSSS'S CUMMINS COLLEGE OF ENGINEERING
FOR WOMEN, KARVE NAGAR,
PUNE -411052.**

SPONSORED BY : - IN-HOUSE



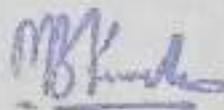
Internal Guide

Prof. Manasi Pathade



Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. M. B. Khambeta

AlgoAsylum

29 December 2023

To,
H.O.D., Dept. of E&T/C,
Cummins college of Engineering for Women,
Pune.

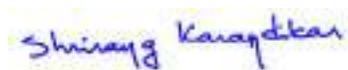
Dear Madam,

This is to certify that the Project titled 'Understanding the Attention Mechanism' is successfully completed during the Academic Year 2023-2024 by the following mentioned students of Cummins College of Engineering from E&T/C branch

- Anubha Chaware C22020111121
- Jyotika Mane C22020771824

The objective of the said project is fulfilled in all respects to our satisfaction.

Sincerely,



SHRIRANG K. KARANDIKAR,

Founder and CEO,
AlgoAsylum



Date: **September 04, 2023**

Experience Certificate

This is to certify that **Riddhi Chipade** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **July 03, 2023, till September 01, 2023.**

Her designation at the time of relieving was **Student Intern.**

We wish her success in all her future endeavors.

With Best Regards,

For **Siemens Industry Software (India) Pvt. Ltd**

Potekar
Lalita

Digitally signed
by Potekar Lalita
Date: 2023.09.04
19:51:50 +05'30'

Lalita Potekar

Specialist – Human Resources

CC: Personnel File (Personnel Number: 650354)

CERTIFICATE

This is to certify that

Pranita Kakasaheb Bhadange	4112
Riddhi Shivkumar Chipade	4121
Shreeya Milind Mahajan	4162
Saba Shamim Momin	4203

have successfully completed the work on their PROJECT TOPIC

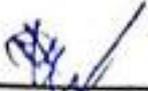
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PUNE - 411052 .**



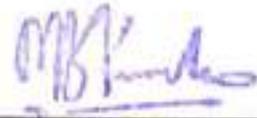
Internal Guide

[Prof. Narendra Kulkarni]



Head of the Department

[Dr.(Mrs.)Sharda Ohatkar]



Principal

[Dr.(Mrs.)M.B. Khambete]



INTEGRAL AD SCIENCE INDIA PRIVATE LIMITED

Phoenix Fountainhead, 9th Floor, Tower 2,
207, Nagar Road, Clover Park, Viman Nagar, Pune 411014

CIN: U72900PN2021FTC199521
GST NO: 27AAGCI0680K1ZD

31st December 2023

TO WHOMSOEVER IT MAY CONCERN

It is to certify that Aarushi Balwant Chopkar has completed an internship with Integral Ad Science India Pvt. Ltd., from 03th July 2023 till 31st December 2023.

During his/her internship, he/she has worked with the “Engineering Function”

He/she has demonstrated a satisfactory demeanour and has successfully completed the Internship.

His/her association with us has been fruitful and we wish him/her the best for all future endeavours.

Thank You

DocuSigned by:

9EC3AB98AA784F9...

Neha Mehta
HR Lead, India

6 January 2024

To Whom It May Concern

Certificate of Internship Completion

This is to certify that **Mansi Chouhan**, has successfully completed a six-month internship at Storytype Interactive LLP (Yoodle) as a Software Engineering Intern.

Internship Duration: 1st July 2023 - 31st Decemeber 2023

During her tenure with us, Mansi exhibited exemplary dedication and exceptional performance. She has effectively completed all assigned tasks with excellence.

We commend Mansi for her hard work, enthusiasm, commitment to learning and contributing to our projects.

We wish Mansi the very best in her future endeavors.

Sincerely,



Sachin K
CTO, Storytype Interactive LLP (Yoodle)



To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Ishwari Dande** (ID: C22020111125) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: Mindful Buying Web App (Germany Edition)

Subject area of the project: AI / ML / Analytics and Software Dev.

As a full-stack developer, Ishwari contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Angular, Node.js, Flask, LightGBM and Docker. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avare Stewart, Ritesh Sharma and Constantin Roudsarabi.

Ishwari's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contribution to the Mindful Buying App not only advanced our technical capabilities but also aligned perfectly with our mission of promoting sustainable living practices. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.

Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>

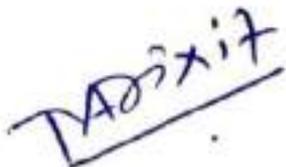
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING
MKSSS CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, PUNE

(An Autonomous Institute)



CERTIFICATE

This is to certify that the “**Internship report**” submitted by Ishwari Dande (C22020111125), is work done by her at **MKSSS Cummins College of Engineering Pune**, and submitted during 2023 – 2024 academic year.



Internship Mentor



Internship Coordinator



Head of the Department

15th Dec 2023

TO WHOMSOEVER IT MAY CONCERN

Sub: Internship of Malushka Daspute at Amazon India ,Bengaluru, India

This is to certify that **Malushka Daspute** a student of **MKSSS Cummins College of Engineering, Pune** has completed her internship with **Amazon Development Centre India Pvt. Ltd.** from **03-Jul-2023** to **15-Dec-2023**

The Project was titled **Detail Page Data Extraction Enhancement and Implementation of AI based Chat Service Backend** and assigned by **RBS-Tech-AF2** team under the guidance of **Prachi Goel**. She has successfully completed all the requirements of the project.

We wish her the very best in her future endeavors.

Signature valid

Digitally signed by DS AMAZON DEVELOPMENT CENTRE (INDIA)
PRIVATE LIMITED 6
Date: 2023.12.15 12:44:46 IST
Location: Bengaluru



Regards,

For Amazon Development Centre India Pvt. Ltd.

CERTIFICATE

Acknowledgement

This is to certify that

Avani Chawardol	C22020111120
Shreeya Desai	C22020111127
Janhavi Kale	C22020111144
Sakshi Retharekar	C22020111238

have successfully completed the work on their PROJECT TOPIC
"UpLiftU"

in partial fulfillment for the award of the degree of
**Bachelor of Technology in ELECTRONICS AND
TELECOMMUNICATION**
ENGINEERING Of SAVITRIBAI PHULE PUNE UNIVERSITY,

in
**MKSSS'S CUMMINS COLLEGE OF ENGINEERING
FOR WOMEN, KARVE NAGAR,
PUNE -411052.**

SPONSORED BY : - IN-HOUSE



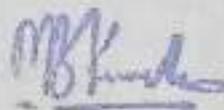
Internal Guide

Prof. Manasi Pathade



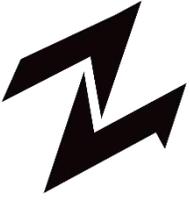
Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. M. B. Khambeta



TRENDZLINK TECHNOLOGY PVT. LTD.
46/1A/2 Sonawane Industrial Estate,
Satara road, Pune - 411009
Maharashtra, India

Aditya Khanwelkar - Founder
adityakhanwelkar@trendzlink.com
Rohit Joshi - Co-Founder
rohitjoshi@trendzlink.com

4th Dec 2023

Subject: Experience letter

To Whomsoever it may concern,

We hereby certify that Shreya Deshmukh was working as a Machine Learning Intern with our company Trendzlink Technology Pvt. Ltd., during the period starting from June 2023 to December 2023. During her time working for us, she came across as a diligent and sincere person. Her interpersonal skills are outstanding and she has been very helpful and has been highly appraised by her co-workers for her eagerness to work and learn.

We wish her success in her future endeavors!



For Trendzlink Technology Pvt. Ltd.

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Ananya Dey** (ID: C22020111129) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: Mindful Buying Web App (Germany Edition)

Subject area of the project: AI / ML / Analytics and Software Dev.

As a full-stack developer, Ananya contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Angular, Node.js, Flask, LightGBM and Docker. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Ananya's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contribution to the Mindful Buying App not only advanced our technical capabilities but also aligned perfectly with our mission of promoting sustainable living practices. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>

CERTIFICATE

This is to certify that

<u>Siddhi Suhas Akiwate</u>	<u>C22020111108</u>
<u>Payal Ajay Dhande</u>	<u>C22020111130</u>
<u>Manushree Jankivallabh Mundra</u>	<u>C22020111208</u>

have successfully completed the work on their **PROJECT TOPIC**
Development of Classification system using Deep Architecture

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE
NAGAR,
PUNE - 411052.**



Internal Guide

[Prof. Ganesh Padalkar]



Head of the Department

[Dr.(Mrs.) Sharada Ohatkar]



Principal

[Dr.(Mrs.) M.B. Khambete]

CERTIFICATE

This is to certify that
Tanuja Dhaybar C22020111131
Siddhi Dubewar C22020111132

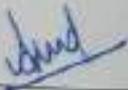
have successfully completed the work on their PROJECT TOPIC
Indian Sign Language Recognition and Video Generation

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRI BAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



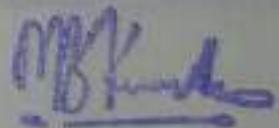
Internal Guide

[Dr.(Mrs.) Ashwini Deshpande]



Head of the Department

[Dr.(Mrs.)Sharada Ohatkar]



Principal

[Dr.(Mrs.)M.B. Khambete]

Microsoft India (R&D) Pvt. Ltd
Bagmane Capital Campus
4-8th floor, Luxor North Tower
Mahadevapura Village, KR Puram Hobli
Bengaluru East Taluk – 560048, Karnataka, India

Tel + 91-80-61772000
<http://www.microsoft.com/india>



21-Jul-23

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Tanuja Sandeep Dhaybar** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Swanand Pashankar (Spashankar) and Anuj Bansal (Anujbansal).

We wish her all the best in her future endeavors.

Yours Sincerely,
For Microsoft India (R&D) Pvt. Ltd

A handwritten signature in blue ink that reads "Ira Gupta".

Ira Gupta
SR GEO HR DIRECTOR

A handwritten signature in blue ink that reads "Tanuja Sandeep Dhaybar".

Signature of Candidate

Microsoft India (R&D) Pvt. Ltd.



August 4, 2023

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Ms. Siddhi Dubewar** (Employee Code: 150548) was working in our organization from **May 22, 2023 to July 21, 2023**. She was working as “**Summer Intern**” and drawing an annual salary of **Rs. 480,000.00 /-** at the time of relieving.

Siddhi has been relieved from the services of **Mastercard Technology Private Limited**, with the closing hours of business on **July 21, 2023**.

We wish her all the best in her future endeavors.

Yours faithfully,



For: Mastercard Technology Private Limited

People_services@mastercard.com

Global Business Services Centre - HR Services

Mastercard Technology Private Limited Business Bay, 3rd Floor, Wing 1, Tower A, Survey No. 103, Opp Poona Club Golf Course, Airport Road, Yerwada, Pune-411006

Formerly known as ElectraCard Services Private Limited
CIN - U72200PN2000PTC014585

CERTIFICATE

This is to certify that
Tanuja Dhaybar C22020111131
Siddhi Dubewar C22020111132

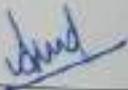
have successfully completed the work on their PROJECT TOPIC
Indian Sign Language Recognition and Video Generation

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRI BAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



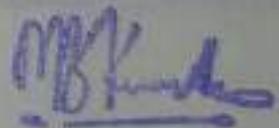
Internal Guide

[Dr.(Mrs.) Ashwini Deshpande]



Head of the Department

[Dr.(Mrs.)Sharada Ohatkar]



Principal

[Dr.(Mrs.)M.B. Khambete]

CERTIFICATE

This is to certify that

Shruti Sachin Avadhut	C22020111111
Riya Sandesh Dunung	C22020111133
Samruddhi Arvind Gore	C22020111139
Mihika Yashwant Kothawade	C22020111156

have successfully completed the work on their PROJECT TOPIC
BIOMARKER DETECTION FOR LUNG CANCER

in partial fulfillment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr.Sandeep Musale]



Head of the Department
[Dr.(Mrs.)Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]



BRIGHT ENGINEERING

PLOT NO: 150, SECTOR: 10 PCNTDA, BHOSARI, PUNE-411026

Email: -bright2008@rediffmail.com, Ph. No: -9987564755

Website - brightengineeringpune.com

EXPERIENCE CERTIFICATE

Date:- 30.12.2023

To Whomever It May Concern

This is to certify that Eddula Dathri Reddy, has completed his Internship in Our Firm ,Starting from 3rd July 2023 till date 29.12.2023 as a software developer (design, development of software in Lab view and integration with National Instruments Hardware (Microcontrollers) which are used to log the real time data of all parameters required during Working of the system).She has been relived from our Firm on 29.12.2023 as an Intern.

We Congratulations and Wish her all the Best in her future endeavours.

Sincerely.



E. Jagan Mohan Reddy
For Bright Engineering

CERTIFICATE

This is to certify that

Mansha Mattoo	C22020111102
Ishita Agarwal	C22020111105
Khushi Agrawal	C22020111106
Shreya Ghumtane	C22020111135

have successfully completed the work on their project topic

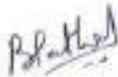
Building website for identification of missing and unrecognized people using face recognition algorithm

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

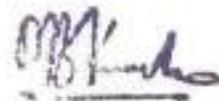
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide
[Dr. Bageshree Pathak]



Head of the Department
[Dr. (Mrs.) Sharada Ohatakar]



Principal
[Dr. (Mrs.) M.B. Khambete]



CERTIFICATE

Completion Of Internship

This certificate is awarded to

KRUSHNA GIRNAR

on 22-DEC-23 for his/her completion of the internship program at EMPROTEK SOFTWARE SOLUTIONS PVT. LTD.

For the role of Firmware Developer Trainee

From date 3-JUL-2023 to 22-DEC-2023

We wish him/her all the best for future.

Shriram Kulkarni

Director



Prachi Kulkarni

Director

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Pradnya Gite** (ID: C22020111137) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: IMPACTBOARD

Subject area of the project: Platform Development

As a full-stack developer, Pradnya contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Mongoose, React, Node.js and tools like Postman. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Pradnya's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contributions significantly propelled our mission to foster healthier, more sustainable workplaces by integrating environmental and mental health initiatives with rewards. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>



Date: **August 31, 2023**

Experience Certificate

This is to certify that **Sharvari Gogate** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **July 03, 2023, till September 01, 2023.**

Her designation at the time of relieving was **Student Intern.**

We wish her success in all her future endeavors.

With Best Regards,

For **Siemens Industry Software (India) Pvt. Ltd**

Potekar Lalita Digitally signed
by Potekar Lalita
Date: 2023.08.31
17:14:40 +05'30'

Lalita Potekar

Specialist – Human Resources

CC: Personnel File (Personnel Number: 650988)



Whileone Techsoft Private Limited

CTS No. 65/8, Plot No.106, Kshitij, 1st Floor, D.G. Dani Road, Erandwane,
Pune - 411004 | Contact : hr@whileone.in

Date: December 29, 2023

INTERNSHIP EXPERIENCE LETTER

This is to certify that Ms. Sharvari Gogate was working with Whileone Techsoft Pvt. Ltd as an intern from September 04, 2023 to December 29, 2023

During her tenure as an intern, she worked on migrating the computation of the ML tool from onPrem to Cloud. This tool projects the performance from generation to generation for a processor.

During Sharvari's internship, she was exposed to using and integrating S3 bucket and Lambda functions in AWS cloud using cli. Technology stack used is Python.

We wish her good luck for future endeavors.

For Whileone Techsoft Private Limited

A handwritten signature in black ink, appearing to read "Apoorva Chapekar".

Apoorva Chapekar
HR Manager



CERTIFICATE

This is to certify that

Shruti Sachin Avadhut	C22020111111
Riya Sandesh Dunung	C22020111133
Samruddhi Arvind Gore	C22020111139
Mihika Yashwant Kothawade	C22020111156

have successfully completed the work on their PROJECT TOPIC
BIOMARKER DETECTION FOR LUNG CANCER

in partial fulfillment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr.Sandeep Musale]



Head of the Department
[Dr.(Mrs.)Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

CERTIFICATE

This is to certify that

Shreya Rajesh Patil	C22020111220
Asmita Kamindra Gurav	C22020111140
Shivani Digambar Patil	C22020111219

have successfully completed the work on their project topic

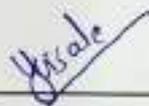
Fraud Detection in Vehicle Insurance Claim

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE - 411052.



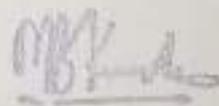
Internal Guide

[Prof. Vidya Sisale]



Head of the Department

[Dr.(Mrs.)Sharada Ohatakar]



Principal

[Dr. (Mrs.)M.B. Khambeta]

CERTIFICATE

This is to certify that

Pragya Pandey, C22020111213
Pratiksha Ingale, C22020111141
Sanyukta Shukla, C22020111252

have successfully completed the work on their
PROJECT TOPIC

Single Image Dehazing Using GAN Derivatives

in partial fulfilment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,**

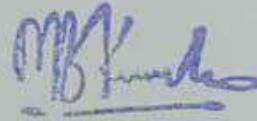
PUNE - 411052



Internal Guide
[Prof.Sandhya Potadar]



Head of the Department
[Dr.(Mrs.)Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]



Successful completion of Internship

1 message

<Abhijit.Datar@cognizant.com>
To: ipratikshad75@gmail.com
Cc: KameswaraRao.Balijapalli@cognizant.com

Thu, Feb 1, 2024 at 12:07 PM



Successful completion of Internship

"The future belongs to those who believe in the beauty of their dreams." – Eleanor Roosevelt

Dear Pratiksha Datta Ingale,

Greetings from Cognizant!

We are delighted to extend our gratitude and congratulations to you for successfully completing the internship program with us between 03-07-2023 and 17-11-2023. We truly hope that you were able to acquire the skills and exposure within the scope of your internship topic.

We acknowledge your passion and professionalism demonstrated during the training and we wish you great success in your future endeavors.





15th December 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms Sanjyoti Jagdale** worked with us as an Intern in our Supply Chain function from **12th June 2023 to 11th September 2023.**

For **General Mills India Pvt. Ltd.**

A handwritten signature in black ink, appearing to read 'Atulaya', is written over a horizontal line.

Atulaya Goswami

Director HR, GIC & India Site Operations



This is to certify that

- 1.Sanjyoti Jagdale C22020111142
- 2.Manasi Kole C22020111154
- 3.Anisha Tapadia C22020771863

have successfully completed the work on their PROJECT TOPIC
College Fest Net

in partial fulfillment for the award of the degree of
Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVE NAGAR ,
PUNE - 411052 .

Internal Guide
Prof.Pallavi Ghatkamble

Head of the Department
Dr. Sharada Ohatkar

Principal
Dr.M.B. Khambete

CERTIFICATE

This is to certify that

Tejal Bidada	C22020111118
Tanvi Jahaklekar	C22020111143
Rutuja Manakapure	C22020111166
Harsha Pawar	C22020111222

have successfully completed the work on their PROJECT TOPIC

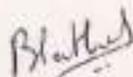
Removal of Motion Blur and Motion Based Aliasing from a Video

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN
ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

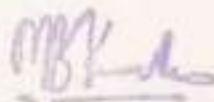
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR
PUNE - 411052.**



Internal Guide
[Dr. Bageshree Pathak]



Head of the Department
[Dr. (Mrs.) Sharada Ohatakar]



Principal
[Dr. (Mrs.) M.B. Khambete]

Project Completion Certificate

01st September 2023

Dear Tanvi Jakhalekar,

Congratulations on completing your internship at Eaton.

This is to certify that Miss. Tanvi Jakhalekar, an Electronics/E&TC Engineering Undergraduate from Cummins college, has successfully completed her internship from 03-Jul-2023 to 01-Sep-2023, at Eaton India Innovation Center.

Your efforts at Eaton are appreciated and will help enhance our organization's processes. We hope that your time here has been both challenging & enjoyable and that your needs have been met.

We certify the completion of your project "Champ 2.0" under the guidance of Mr. Dhanesh S Choudhary.

We wish you all the best for your future endeavors.

Warm Regards,

Eaton India Innovation Center


Firoz Master
Manager HR

CERTIFICATE

Acknowledgement

This is to certify that

Avani Chawardol	C22020111120
Shreeya Desai	C22020111127
Janhavi Kale	C22020111144
Sakshi Retharekar	C22020111238

have successfully completed the work on their PROJECT TOPIC
"UpLiftU"

in partial fulfillment for the award of the degree of
**Bachelor of Technology in ELECTRONICS AND
TELECOMMUNICATION**
ENGINEERING Of SAVITRIBAI PHULE PUNE UNIVERSITY,

in
**MKSSS'S CUMMINS COLLEGE OF ENGINEERING
FOR WOMEN, KARVE NAGAR,
PUNE -411052.**

SPONSORED BY : - IN-HOUSE



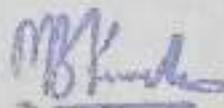
Internal Guide

Prof. Manasi Pathade



Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. M. B. Khambeta

AMEYAA AUTOMATION AND CONSULTANTS
Head Office: D/104, Sonigara Park, Dange Chowk
Thergaon Pune: 411033
Mobile no.: 9890410245

LETTER OF INTERNSHIP COMPLETION

This is to certify that Miss Sakshi Joshi, a student of MKSSS's Cummins College of Engineering, has successfully completed a 3-month internship at M/s Ameyaa Automation and Consultants from July 2023 to September 2023.

Authorised by:

Deven Deshpande

Deven Deshpande

Director

Ameyaa Automation and Consultants



Certificate of Completion

It is with sincere gratitude, this certificate is presented to

Vaishnavi Joshi

in recognition of her work and dedication in completing the

Ansys Internship Program

29th December 2023

Ansys India University Recruitment Team

Ansys

Nomura Services India Private Limited

Winchester – 10th Floor, Powai Business District, Powai,
Mumbai - 400 076, India

Telephone +91 22 3053 4626

Facsimile +91 22 3053 2111

Website www.nomura.com

03 January 2024

Internship Completion Letter

This is to certify that Shravani Dinesh Junghare, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Global Markets IT division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

Reshma
Khanna

Digitally signed by
Reshma Khanna
Date: 2024.01.03
18:04:59 +05'30'

Reshma Khanna
Executive Director - Human Resources

6th February 2024

To Whomsoever It May Concern

This is to certify that Aarya Abhijit Kale from Maharshi Karve Stree Shikshan Samstha, has successfully completed their internship at TresVista Analytics LLP, from 17th July 2023, to 19th January 2024. During their tenure, they were working with IT department.

We wish them all the best in their future endeavors.

Best Wishes,

For TresVista Analytics LLP



Shruti Tendulkar

Vice President, Human Resources



CERTIFICATE

This is to certify that

Apoorva Karande	C22020111150
Shraddha Raskar	C22020771851
Preeti Raut	C22020771852

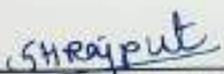
Have successfully completed the work on their PROJECT TOPIC

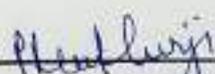
AN INNOVATIVE APPROACH TO DNA SEQUENCE COMPRESSION FOR
ENHANCED COMPACTION AND IMPLEMENTATION OF HUFFMAN
ENCODER IN VERILOG

in partial fulfilment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE, PUNE UNIVERSITY,**

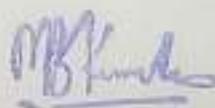
in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR, PUNE - 411052.**


Internal Guide
[Dr. Seema Rajput]


Internal Guide
[Dr. Prachi Mukherji]


Head of the Department
[Dr. Sharada Ohatkar]


Principal
[Dr. M.B. Khambete]



Danfoss Technologies Pvt Ltd
Prince Infocity II, Unit No 1, 1st Floor,
283/3 & 283/4, Rajiv Gandhi Salai
(OMR), Kandanchavady, Perungudi,
Chennai 600 096, India

Toll Free : +91 8001009289
Fax : +91 44 6715 1000
Email : danfoss.india@danfoss.com
CIN : U74999TN2020PTC136283
PAN : AAHCD8246K
GST : 33AAHCD8246K1ZE

Date: 10/01/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that: **Ms. Vaishnavi Kesare**, Studying B.Tech, Electronics and Telecommunication Engineering, MKSSS's Cummins College of Engineering for Women, Pune (Maharashtra). She completed Internship with Danfoss Technologies Pvt Ltd for a period from **10-Jul-2023** to **10-Jan-2024** under the mentorship of **Mr. Deepak Joshi (ECS)**.

She has successfully completed the Internship and her Mentor was very impressed by her performance.

For Danfoss Technologies Private Limited

Laisa Jinan
Regional Head of HR, India.

CORRESPONDENCE OFFICE:

Plot A-19/2, SIPCOT Industrial Growth Center, Oragadam Village, Sripurambudur Taluk, Kanchiipuram District – 602105, Tamil Nadu, INDIA.
Tel : +91 44 67151000



6 January 2024

To Whom It May Concern

Certificate of Internship Completion

This is to certify that **Radhika Khandelwal**, has successfully completed a six-month internship at Storytype Interactive LLP (Yoodle) as a Software Engineering Intern.

Internship Duration: 1st July 2023 - 31st Dec 2023

During her tenure with us, Radhika exhibited exemplary dedication and exceptional performance. She has effectively completed all assigned tasks with excellence.

We commend Radhika for her hard work, enthusiasm, and commitment to learning, and contributing to our projects.

We wish Radhika the very best for her future endeavors.

Sincerely,

A handwritten signature in black ink that reads "Sachin".

Sachin K
CTO, Storytype Interactive LLP (Yoodle)

November 30, 2023

To Whom It May Concern

This is to certify that Aarya Khodke has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)



15th December 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms Manasi Kole** worked with us as an Intern in our Supply Chain function from **12th June 2023 to 11th September 2023.**

For **General Mills India Pvt. Ltd.**

A handwritten signature in black ink, appearing to read 'Atulaya', is written over a horizontal line.

Atulaya Goswami

Director HR, GIC & India Site Operations



This is to certify that

- 1.Sanjyoti Jagdale C22020111142
- 2.Manasi Kole C22020111154
- 3.Anisha Tapadia C22020771863

have successfully completed the work on their PROJECT TOPIC
College Fest Net

in partial fulfillment for the award of the degree of
Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVE NAGAR ,
PUNE - 411052 .

Internal Guide
Prof.Pallavi Ghatkamble

Head of the Department
Dr. Sharada Ohatkar

Principal
Dr.M.B. Khambete

26-Dec-2023

To WHOMSOEVER IT MAY CONCERN

Subject - Internship of Kartiki Aalhad Kolhatkar with DRONA WELL PLAYED
SPORTS PRIVATE LIMITED

This is to certify that Kartiki Aalhad Kolhatkar (Branch — Electronics & Telecommunication, Student ID- C22020111155) a student of **MKSSS's Cummins** College of Engineering for women, Pune. has completed her internship with DRONA WELL PLAYED SPORTS PRIVATE LIMITED from 14-Aug-2023 To 25Dec-2023.

During the internship she worked on the Well played Mobile App and Well played Admin platform for Cricket Match analysis under guidance of Senior staff software engineer "Pranav Ambhore". She has successfully completed the assignments of the project during her internship.

We thank Kartiki for her contributions and wish her the very best in her future endeavors.



Regards

Manish B Bodade

Director

DRONA WELL PLAYED SPORTS PRIVATE LIMITED

Microsoft India (R&D) Pvt. Ltd.
Microsoft Campus,
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000
Fax: +91-40-66935593
<http://www.microsoft.com/india>

21-Jul-23

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Kartiki Kolhatkar** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Experience & Devices"** team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Kalyan Majeti (Kamajeti) and Chirag Makvana (Cmakvana).

We wish her all the best in her future endeavors.

Yours Sincerely,
For Microsoft India (R&D) Pvt. Ltd

A handwritten signature in blue ink that reads "Ira Gupta".

Ira Gupta
SR GEO HR DIRECTOR

A handwritten signature in blue ink that reads "Ira Gupta".

Signature of Candidate

Microsoft India (R&D) Pvt. Ltd.

Registered Office: 807, New Delhi House, Barakhamba Road, New Delhi-110001.
CIN: U72200DL1998PTC093824

CERTIFICATE

This is to certify that

Shruti Sachin Avadhut	C22020111111
Riya Sandesh Dunung	C22020111133
Samruddhi Arvind Gore	C22020111139
Mihika Yashwant Kothawade	C22020111156

have successfully completed the work on their PROJECT TOPIC
BIOMARKER DETECTION FOR LUNG CANCER

in partial fulfillment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr.Sandeep Musale]



Head of the Department
[Dr.(Mrs.)Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]



INTEGRAL AD SCIENCE INDIA PRIVATE LIMITED

Phoenix Fountainhead, 9th Floor, Tower 2,
207, Nagar Road, Clover Park, Viman Nagar, Pune 411014

CIN: U72900PN2021FTC199521
GST NO: 27AAGCI0680K1ZD

31st December 2023

TO WHOMSOEVER IT MAY CONCERN

It is to certify that Pratiksha Milind Kothawade has completed an internship with Integral Ad Science India Pvt. Ltd., from 03th July 2023 till 31st December 2023.

During his/her internship, he/she has worked with the “Engineering Function”

He/she has demonstrated a satisfactory demeanour and has successfully completed the Internship.

His/her association with us has been fruitful and we wish him/her the best for all future endeavours.

Thank You

DocuSigned by:

9EC3AB98AA784F9...

Neha Mehta
HR Lead, India

Date: 29th Dec 2023

INTERNSHIP CERTIFICATE

This is to certify that **Ms. Parul Kshirsagar** has successfully completed 6 months as an 'Intern' in Development, Automation & Testing department and Technical Infrastructure department with Endress+Hauser InfoServe (India) Pvt. Ltd. From 19th June 2023 till 29th Dec 2023.

During her on-job training, **Parul Kshirsagar** worked upon and gained good experience in

1. Manual Testing of web-based applications

- Knowledge of Software Testing Life Cycle
- Test scenario identification, Test case creation
- Test execution and Defect creation
- Applications tested - First Answer HD, Shared Support System, Amadeus Cytric, Sharepoint, Condeco, O365 apps, Analysis for Business and Salesforce

2. Automated test execution of SAP ERP tests

3. Software Testing Tool - Opentext ALM (Application Life Cycle Management)

4. Digital Workplace Tools:

- Microsoft Outlook, Teams, Forms
- Sharepoint Group and Intranet

5. Endress+Hauser Infrastructure Setup:

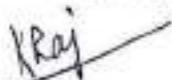
- Network Basics
- Windows Servers
- Windows Security
- Telephony System
- O365 Tools and Condeco

She has demonstrated outstanding performance in visibility content writing and video creation. She has also participated and volunteered actively in various organizational events.

We found her punctual, hardworking, dedicated, technically sound and always keen to learn new things. She is a very good team player and able to easily jell along within a team.

We wish her all the very best in her career endeavors.

Best Regards,



Kavita Rajnagarwala
Managing Director

Endress+Hauser InfoServe (India) Pvt. Ltd.



Date : January 11, 2024

To Whomsoever It May Concern

This is to inform that **Gauri Hanumant Kulkarni** has successfully completed his/her internship with us.

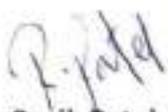
Gauri worked on projects titled "PPT generator package "and "Breadth & Depth across Brands for Lung Cancer Market" under the guidance of Anurag Sinha.

The duration of his/her project was from July 3, 2023 to December 29, 2023

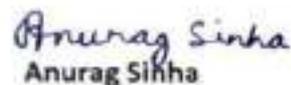
Gauri's overall performance during the project work was found good.

We wish Gauri all the best.

For **MSD Pharmaceuticals Private Limited**
(A Subsidiary of Merck & Co., Inc.)



Rasik Patel
Senior Manager – Talent Acquisition



Anurag Sinha
Manager – Data Science

MSD Pharmaceuticals Private Limited

(A subsidiary of Merck Sharp & Dohme LLC Rahway N.J., U.S.A.)

(CIN: U24230DL2004PTC164459)

Corporate Office : No. 225, 2nd Floor, Trade Centre Promises Co Op. Society Ltd., BKC, Bandra East, Mumbai 400051

WeWork Enam Sanbhav, Levels 7, 8 & 9, C 70, G Block, BKC, Bandra East, Mumbai 400051

Regd. Office: 1544, Level 15, Eros Corporate Towers, Nehru Place, New Delhi - 110 019, India

T - 91-22-6789 8889 Email: contactmsdindia@merck.com

Date : January 11, 2024

To Whomsoever It May Concern

This is to inform that **Ishwari Sanjay Kulkarni** has successfully completed his/her internship with us.

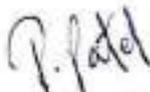
Ishwari worked on a project titled "ROI analysis - SAS to Python migration and systematization for historical models for US vaccines, and MMX tool comparison for PromoFIT enablement".
under the guidance of Shreya Kekre.

The duration of his/her project was from July 3, 2023 to December 29, 2023

Ishwari's overall performance during the project work was found good.

We wish Ishwari all the best.

For MSD Pharmaceuticals Private Limited
(A Subsidiary of Merck & Co., Inc.)



Rasik Patel
Senior Manager – Talent Acquisition



Shreya Kekre
Manager – Data Science

MSD Pharmaceuticals Private Limited

(A subsidiary of Merck Sharp & Dohme LLC Rahway N.J., U.S.A.)

(CIN: 324230012004PTC164459)

Corporate Office : No. 223, 2nd Floor, Trade Centre Promises Co Op. Society Ltd, BKC, Bandra East Mumbai 400051

WeWork Enam Santhar, Levels 7, 8 & 9, C-20, G Block, BKC, Bandra East, Mumbai-400051

Regd. Office: 1544, Level 15, Eros Corporate Towers, Noida Plaza, New Delhi-110 019, India

T : +91 22 6789 8888 Email: contactus@india@merck.com

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Tanmayee Kulkarni** (ID: C22020111162) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: Mindful Buying Web App (Germany Edition)

Subject area of the project: AI / ML / Analytics and Software Dev.

As a full-stack developer, Tanmayee contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Angular, Node.js, Flask, LightGBM and Docker. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Tanmayee's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contribution to the Mindful Buying App not only advanced our technical capabilities but also aligned perfectly with our mission of promoting sustainable living practices. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>

Building greater
futures through
innovation and
collective knowledge

TCS Commitment



In it for good.



Bring everything.



Know-how.



Master the journey.



Building on belief

Internship Certificate

Shreeya Mahajan

Course: BTech in Electronics and Telecommunication Engineering

Institute: Cummins College of Engineering for Women, Pune

From **03-Jul-2023** to **01-Sep-2023**

Mentor Name: **Shruti Shinde**

Project: **Web Based Software Configuration Tool**

Hrishikesh Jayant Dhande

Regional Head-Academic Interface Program
TCS Pune

Building greater
futures through
innovation and
collective knowledge

TCS Commitment



In it for good.



Bring everything.



Know-how.



Master the journey.



Building on belief

Internship Certificate

Shreeya Mahajan

Course: BTech in Electronics and Telecommunication Engineering

Institute: Cummins College of Engineering for Women, Pune

From **03-Jul-2023** to **01-Sep-2023**

Mentor Name: **Shruti Shinde**

Project: **Web Based Software Configuration Tool**

Hrishikesh Jayant Dhande

Regional Head-Academic Interface Program
TCS Pune

CERTIFICATE

This is to certify that

Pranita Kakasaheb Bhadange	4112
Riddhi Shivkumar Chipade	4121
Shreeya Milind Mahajan	4162
Saba Shamim Momin	4203

have successfully completed the work on their PROJECT TOPIC

QUESTION PAPER GENERATOR

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



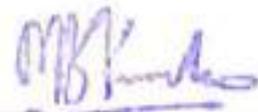
Internal Guide

[Prof. Narendra Kulkarni]



Head of the Department

[Dr.(Mrs.)Sharda Ohatkar]



Principal

[Dr.(Mrs.)M.B. Khambete]



Ref: EIN/EXP/HR/2023- 405

Date: 20 December 2023

To,

Tanvi Malpure

Subject: Relieving cum Experience Letter

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Tanvi Malpure**, undergraduate student from MKSS's Cummins College of Engineering for Women Pune, has completed the Internship Program in our organization from 15 June 2023 to 14 December 2023.

The title/topic of the Internship was – **"Python Development, Large Language Models, Generative AI, Deep Learning."**

During the duration of the internship, the candidate worked under our supervision and carried out the responsibilities assigned. His internship work was closely observed and overall satisfied with the output of the internship work.

We wish him good luck for all the future endeavors.

Thank you,

for **Expleo Solutions Limited**



Saravanakumar B

Senior Manager - Human Resources



Date: **September 01, 2023**

Experience Certificate

This is to certify that **Rutuja Manakapure** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **July 03, 2023, till September 01, 2023.**

Her designation at the time of relieving was **Student Intern.**

We wish her success in all her future endeavors.

With Best Regards,

For **Siemens Industry Software (India) Pvt. Ltd**

Potekar Lalita Digitally signed
by Potekar Lalita
Date: 2023.09.01
17:57:44 +05'30'

Lalita Potekar

Specialist – Human Resources

CC: Personnel File (Personnel Number: 650444)

CERTIFICATE

This is to certify that

Tejal Bidada	C22020111118
Tanvi Jahaklekar	C22020111143
Rutuja Manakapure	C22020111166
Harsha Pawar	C22020111222

have successfully completed the work on their PROJECT TOPIC

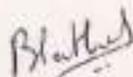
Removal of Motion Blur and Motion Based Aliasing from a Video

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN
ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

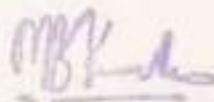
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR
PUNE - 411052.**



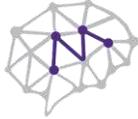
Internal Guide
[Dr. Bageshree Pathak]



Head of the Department
[Dr. (Mrs.) Sharada Ohatakar]



Principal
[Dr. (Mrs.) M.B. Khambete]



Manastik

Date: **14/08/23**

Internship Completion Letter

TO WHOMSOEVER IT MAY CONCERN,

Manastik certifies **Vaishnavi Mane** completed her internship from **1st June, 2023 to 1st August, 2023**.

During her time, she was responsible for working with **Flutter, pertaining to Frontend mobile application development**.

Vaishnavi maintained **professionalism & discipline** during the internship & managed to **complete all the tasks as assigned**.

Yours sincerely,

Manastik Technologies Private Limited

Soubhik Das, CEO

CERTIFICATE

This is to certify that
Paridhi Bhagwat C22020111113
Vaishnavi P. Mane C22020111167
Janvi Ramnani C22020111236

have successfully completed the work on their PROJECT TOPIC

Detection and Prediction of Harmful Algal Blooms
in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRI BAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.



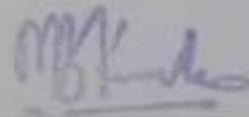
Internal Guide

[Dr.(Mrs.) Ashwini Deshpande]



Head of the Department

[Dr.(Mrs.) Sharada Ohatkar]



Principal

[Dr.(Mrs.) M.B. Khambete]

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Vaishnavi Mane** (ID: C22020111168) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: IMPACTBOARD

Subject area of the project: Platform Development

As a full-stack developer, Vaishnavi contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Mongoose, React, Node.js and tools like Postman. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Vaishnavi's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contributions significantly propelled our mission to foster healthier, more sustainable workplaces by integrating environmental and mental health initiatives with rewards. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Aishwarya Menon** (ID: C22020111169) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: IMPACTBOARD

Subject area of the project: Platform Development

As a full-stack developer, Aishwarya contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Mongoose, React, Node.js and tools like Postman. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Aishwarya's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contributions significantly propelled our mission to foster healthier, more sustainable workplaces by integrating environmental and mental health initiatives with rewards. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>



Certificate of Completion

This is to certify that
Nikita Chandrakant Madane
Cummins College of Engineering for Women
Karvenagar, Pune

She has successfully completed the Internship Program at Sakar Robotics. During the Internship Program, Nikita demonstrated exceptional dedication, enthusiasm, and proficiency in the field of robotics. Her remarkable contribution and commitment to the internship are highly appreciated.

Internship Details:

- **Internship Position:** Robotics Intern
- **Duration:** 3rd July 2023 to 30th Dec 2023

Internship Highlights:

- Nikita actively participated in the design, development, and testing of multiple robotics projects.
- She exhibited a deep understanding of robotics concepts and technologies, showcasing her strong academic foundation.
- Nikita's problem-solving skills and creativity were evident in her ability to overcome challenges during the development process.
- She collaborated effectively with the team members, contributing valuable insights and ideas to the projects.
- Nikita's dedication to her work and her eagerness to learn made her an asset to the internship program.

We extend our best wishes to Nikita for her future endeavours and are confident that she will excel in all her academic and professional pursuits.

Dhruv Patil
CTO
Sakar Robotics



Date: 10th Oct 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Divya Tekade, student of Cummins College of Engineering for Women's, Pune pursuing B. Tech in E&Tc has successfully completed her internship with SunRayz Technology, Pune.

The project was undertaken from 1-July-2023 to 31-Sept-2023. She worked on "Projects worked on were: College ERP System."

We wish her all the best in her future endeavours.

Yours sincerely,

Sunrayz Technology

Sambhaji Pawar
Founder



Certificate of Completion

This is to certify that
Aarti Balu Tilekar
Cummins College of Engineering for Women
Karvenagar, Pune

She has successfully completed the Internship Program at Sakar Robotics. During the Internship Program, Aarti demonstrated exceptional dedication, enthusiasm, and proficiency in the field of robotics. Her remarkable contribution and commitment to the internship are highly appreciated.

Internship Details:

- **Internship Position:** Robotics Intern
- **Duration:** 3rd July 2023 to 30th Dec 2023

Internship Highlights:

- Aarti actively participated in the design, development, and testing of multiple robotics projects.
- She exhibited a deep understanding of robotics concepts and technologies, showcasing her strong academic foundation.
- Aarti's problem-solving skills and creativity were evident in her ability to overcome challenges during the development process.
- She collaborated effectively with the team members, contributing valuable insights and ideas to the projects.
- Aarti's dedication to her work and her eagerness to learn made her an asset to the internship program.

We extend our best wishes to Aarti for her future endeavours and are confident that she will excel in all her academic and professional pursuits.

Dhruv Patil
CTO
Sakar Robotics

CERTIFICATE

This is to certify that

- 1) Dnyaneshwari Aghav - C22021112104
- 2) Bhagyashri Sabale - C22020111240
- 3) Shivani Patil - C22020111248

have successfully completed the work on their PROJECT TOPIC

Crowd Counting Using Deep Neural Network

in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE
NAGAR,
PUNE - 411052 .



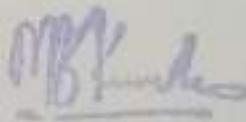
Internal Guide

[Prof. (Manasi Pathade)]



Head of the Department

[Dr. (Mrs.) Prachi Mukherji]



Principal

[Dr. (Mrs.) M.B. Khambete]



ERGEN

Technically right

Ergen Technovation Private Limited

Factory : S.No.14, Plot No.3, Dhadge Industrial Estate
Nanded Phata, Sinhagad Road, Pune - 411041.

CIN : U34300PN2022PTC210839
Contact : 9922999713

GSTN : 27AAHCE0164H1Z5
Email : info@ergen.co

Ref No: 2022-2023/01/36

Date: 29/11/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Gauri Sandip Bhalsing from **Mkss's Cummins College of Engineering for Women Pune** has undergone the Internship in our company in R&D, Testing and PCB Design of COC Project as part of her academic curriculum, starting from 03rd JULY 2023 to 03rd OCT 2023.

During her working period we found her dedicated and sincere. She is very professional and keen learner.

We wish all the best in her future endeavour.

For ERGEN TECHNOVATION PVT LTD


Nityarand Parbhutendolkar

Director



CERTIFICATE

This is to certify that

Gauri Sandip Bhalsing

C22021112105

Mrunmayi Sudhakar Bhosale

C22020111206

have successfully completed the work on their PROJECT TOPIC
INTERNSHIP DATA MANAGEMENT SYSTEM

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide
Prof. Snehal Natekar



Head of the Department
Dr. Mrs. Sharada Ohatkar



Principal
Dr. Mrs. M.B. Khambete



Defence R & D Organisation Dighi, Pune 411 015

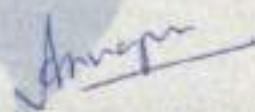
75
आज़ादी का
अमृत महोत्सव

STUDENT PROJECT COMPLETION CERTIFICATE

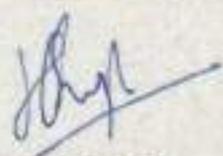
This is to certify that **Ms. Amisha Amit Adure**, a student of **MKSSS's Cummins College of Engineering, Pune** has undergone project as part of B. Tech (Electronics and Telecommunication) under the guidance of Ms. Annapurna Agrawal, Scientist 'F' at **Research & Development Establishment (Engineers), Dighi, Pune - 411015** from **01st July 2023 to 31st Dec 2023** during the academic year 2023-2024. She has successfully contributed in project assignment titled **"Audio Perception for Robotics Application"** within stipulated time and submitted the report of the same in fulfillment of the requirements for the Project.

Date: 03 Apr 2024

Place: Pune-411015


Ms. Annapurna Agrawal, Sc 'F'

Project Guide


COUNTER-SIGNED

(Jagat Prakash Singh, Sc 'F')

Group Head IMSG

R&DE(ENGRS), DIGHI, PUNE-15



Experience Letter

20th January, 2024

This is to certify that Saloni Khursade has been a part of our organization Zensolve as an SDE - Intern for a period of 6 months, starting from 12th June, 2023 till 12th Dec, 2023. Her responsibilities included developing Backend REST APIs using Spring Boot, Hibernate and OpenAPI documentation. During this tenure she has shown commendable skills and commitment to achieve the goal.

Please find the following confirmation of the specifics of the internship:

Position Title: SDE - Intern

Start Date: 12th June, 2023

End Date: 12th Dec, 2023

Should you have any questions regarding the specifics of this internship, feel free to reach out.

Sincerely,
Shakil Memon

Chief Executive Officer
Zensolve Corporation



991, Gomati Niwas, Padamjee Park, New Nana Peth, Pune-411002



www.zensolve.in



+91 9869403768



info@zensolve.in

CERTIFICATE

This is to certify that

Nikita Bhagawan Jadhav	C22021112108
Snehal Satish Patil	C22020111221
Tejas Rajendra Joshi	C22020771823

have successfully completed the work on their **PROJECT TOPIC**

Methodology For Signal Analysis: ML Based Classification with Application to
Bio-Medical Signal

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

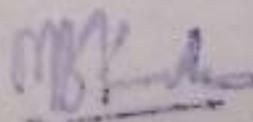
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Prof. (Mrs.) Rupali Pawar]



Head of the Department
[Dr. (Mrs.) Sharada Ohatkar]



Principal
[Dr. (Mrs.) M.B. Khambete]

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Shivani Miraje** (ID: C22020111201) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: IMPACTBOARD

Subject area of the project: Platform Development

As a full-stack developer, Shivani contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Mongoose, React, Node.js and tools like Postman. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Shivani's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contributions significantly propelled our mission to foster healthier, more sustainable workplaces by integrating environmental and mental health initiatives with rewards. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>



CERTIFICATE OF INTERNSHIP

This certificate is proudly presented to

Shivani Mishra

Congratulations on successfully completing the
Product Onboarding in Delfi

From 22 May 2023 to 15 July 2023 at
Pune Technology Center

A handwritten signature in black ink, appearing to read 'Rashmi', written over a horizontal line.

Rashmi Kumat
Pune Technology Center Manager



A handwritten signature in black ink, appearing to read 'Shamecka', written over a horizontal line.

Shamecka Ferrnandis
Technology Center HR Manager

Internship Completion Certificate

Certificate of Achievement

This is to certify that Shivani Mishra has successfully completed a 4-month internship at Investing Ideas. Her contributions during the internship period were valuable, and we wish her all the best for her future endeavors.

Signed by:

Investing Ideas



Office # 405, Shubham Heights, Near Swaraj Garden, Pimple Saudagar, Pune- 411027

Reference: Raider Data Services/Internship/3.2023

Subject: Internship Completion Letter

This is to confirm that **Saba Shamim Momin**, who is currently pursuing Bachelor of Technology - Electronics and Telecommunication Engineering from **Maharshi Karve Stree Shikshan Sanstha's Cummins College of Engineering for Women, Pune**, has successfully completed an internship at Raider Data Services from July 1st, 2023, to August 31st, 2023.

I wish **Saba Shamim Momin** every success for the future.

Best wishes,

Rohit Arora

www.raiderdataservices.com | (O): +91- 8928366111

This is a **computer-generated** document. No **signature** is required

CERTIFICATE

This is to certify that

Pranita Kakasaheb Bhadange	4112
Riddhi Shivkumar Chipade	4121
Shreeya Milind Mahajan	4162
Saba Shamim Momin	4203

have successfully completed the work on their PROJECT TOPIC

QUESTION PAPER GENERATOR

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

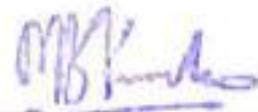
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Prof. Narendra Kulkarni]



Head of the Department
[Dr.(Mrs.)Sharda Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

CERTIFICATE

This is to certify that

Shrawani More C22020111204
Janhavi Dawkore C22020771822

have successfully completed the work on their PROJECT TOPIC

HOTEL BOOKING SYSTEM – WEST WINDS

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

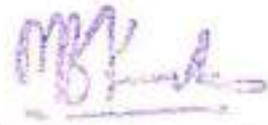
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr.Sachin Paranjape]



Head of the Department
[Dr.(Mrs.)Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Vaishnavi More** (ID: C22020111205) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: IMPACTBOARD

Subject area of the project: Platform Development

As a full-stack developer, Vaishnavi contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Mongoose, React, Node.js and tools like Postman. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Vaishnavi dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contributions significantly propelled our mission to foster healthier, more sustainable workplaces by integrating environmental and mental health initiatives with rewards. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>

CERTIFICATE

This is to certify that

Gauri Sandip Bhalsing

C22021112105

Mrunmayi Sudhakar Bhosale

C22020111206

have successfully completed the work on their PROJECT TOPIC
INTERNSHIP DATA MANAGEMENT SYSTEM

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide
Prof. Snehal Natekar



Head of the Department
Dr. Mrs. Sharada Ohatkar



Principal
Dr. Mrs. M.B. Khambete



ERGEN

Technically right

Ergen Technovation Private Limited

Factory : S.No.14, Plot No.3, Dhadge Industrial Estate
Nanded Phata, Sinhagad Road, Pune - 411041.

CIN : U34300PN2022PTC210839
Contact : 9922999713

GSTN : 27AAHCE0164H1Z5
Email : info@ergen.co

Ref No: 2022-2023/01/36

Date: 29/11/2023

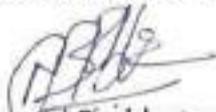
TO WHOMSOEVER IT MAY CONCERN

This is to certify that MRUNMAYI BHOSALE from **Mksss's Cummins College of Engineering for Women Pune** has undergone the Internship in our company in R&D, Testing and PCB Design of COC Project as part of her academic curriculum, starting from 03rd JULY 2023 to 03rd OCT 2023.

During her working period we found him dedicated and sincere. She is very professional and keen learner.

We wish all the best in her future endeavour.

For ERGEN TECHNOVATION PVT LTD


Nityanand Parbhutendolka

Director



CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Vismaya Mulay, student of MKSSS's Cummins College of Engineering Women, Pune, has successfully completed her 6 month internship from "05 July 2023" to "05 January 2024" in Ms Renu Electronics Pvt. Ltd., Pune.

During her Internship, we found her to be very sincere, hardworking and dedicated to her work. She was always willing to accept additional responsibilities and showed a lot of interest in her work.

She is amiable in nature and during the internship period her code and conduct were good.

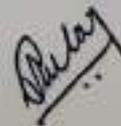
We wish her all the very best for a successful career ahead.

With warm regards,

For Renu Electronics Pvt. Ltd.



Authorized Signatory.



INDUSTRIAL AUTOMATION | IIoT | FUTURE MOBILITY | SMART HOMES | ELECTRONICS MANUFACTURING

CORPORATE OFFICE
RENU ELECTRONICS PVT. LTD.
Survey No. 2/6, Bener Road,
Pune - 411 045, India
☎ + 91 20 2729 2840

FACTORY
RENU ELECTRONICS PVT. LTD.
1163, Ghotawade, Mulshi,
Pune - 412 115, India
☎ + 91 20 6687 2900

GERMANY
RENU ELECTRONICS GmbH
Kurze Straße 29,
70794,
Flörsdorf / Deutschland



✉ info@renuelectronics.com
🌐 www.renuelectronics.com

CERTIFICATE

This is to certify that

<u>Siddhi Suhas Akiwate</u>	<u>C22020111108</u>
<u>Payal Ajay Dhande</u>	<u>C22020111130</u>
<u>Manushree Jankivallabh Mundra</u>	<u>C22020111208</u>

have successfully completed the work on their **PROJECT TOPIC**
Development of Classification system using Deep Architecture

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE
NAGAR,
PUNE - 411052.**



Internal Guide

[Prof. Ganesh Padalkar]



Head of the Department

[Dr.(Mrs.) Sharada Ohatkar]



Principal

[Dr.(Mrs.)M.B. Khambete]

HIGH ENERGY MATERIALS RESEARCH LABORATORY
DRDO, MINISTRY OF DEFENCE
GOVERNMENT OF INDIA
SUTARWADI, PUNE - 411 021



उच्च ऊर्जा पदार्थ अनुसंधान
प्रयोगशाळा
रक्षा अनुसंधान तथा विकास संगठन
रक्षा मंत्रालय, भारत सरकार
सुतारवाडी, पुणे - 411021

दूरध्वनी Tel : 020-2586 9230 020-2591 2101 फॅक्स Fax : 020 2586 9697 ई-मेल E-mail: director@hemrl.drdo.in

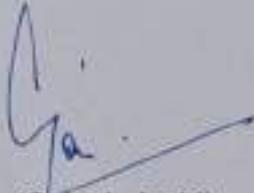
No. HEMRL/HRD/PT/2023-24

Date: 4/01/2024

INTERNSHIP/ INDUSTRIAL PROJECT CERTIFICATE

This is to certify that **Miss Vaishnavi Pravin Naragude** Student of Cummins College of Engineering for Women, Pune was working as an Intern from **10 June 2023 to 15 Dec 2023** under the guidance of Shri PANDEY PK, Sc 'E' at INST Division of HEMRL, Sutarwadi, Pune. During the Period of her Internship at HEMRL, the student was working on the Project Title: "**Denoising of Signals Using Different Techniques in Matlab**" and has successfully completed the assigned project/work in the given stipulated time period. The project work report shall be submitted by the student to college as per the laid down norms of the Institute.

Best wishes for her bright future.


(Gajesh Joshi)
Sc 'E'
HRD Division
For Director, HEMRL
(020-25912751)

Place: Sutarwadi, Pune - 411021





Government of India
Ministry of Jal Shakti
Department of Water Resources
River Development and Ganga Rejuvenation
CENTRAL WATER AND POWER RESEARCH STATION
Pune-411024, Maharashtra, India.

Tel: 020-24163477
Fax: 020-2438 1004
E-mail: selva@cwprs.gov.in
www.cwprs.gov.in

Project Completion Certificate

This is to certify that following students

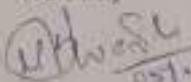
1. Nikita Pradeep Patil
2. Anushka Devendra Patil
3. Anya Shyam Patil

of Cummins College of Engineering for Women, Pune have successfully completed the Final Year B Tech project titled 'Wave and Shoreline Prediction of Near Shore using ML' at Central Water Power and Research station, Khadakwasia, Pune-411024 under my guidance during the academic year 2022-23. Their work to find the inconsistent INCOIS data and energy of the waves is useful to CWPRS.

As the outcome of their work they have prepared a research Paper titled 'Prophet Model based Wave Parameters Prediction and Energy Calculation using INCOIS Data'. This paper shall be sent to a Journal. The draft copy of the paper is submitted.

I wish them all the very best for their future.

Thanking You

Yours truly

05/11/2024

Dr. M. Selva Balan
Scientist E

Cum

the



CERTIFICATE

This is to certify that

Sejal Dilip Palde	C22020111212
Priti Sanjay Patil	C22020111218
Manasi Dattatray Giri	C22020771818
Gargi Pramod Saraf	C22020771853

have successfully completed the work on their PROJECT TOPIC

Tour Guide Application

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**

Internal Guide
[Prof.. Sharad Dube]

Head of the Department
[Dr.(Mrs.)Sharda Ohatkar]

Principal
[Dr.(Mrs.)M.B. Khambete]

JPMC Employee ID: N787817

2 August 2023

To Whom It May Concern

Dear Sir/Madam,

Re: Ms Pragya Pandey - Confirmation of Employment Details

This letter is to certify the below details for Ms Pragya Pandey, PAN GACPP3481E

Employing Entity	:	J. P. Morgan Services India Private Limited
Employment Status	:	Intern and Full-Time
Date of Commencement	:	5 June 2023
Last Date of Employment	:	28 July 2023
Position	:	Summer Intern
Department	:	Corporate Sector
Annual compensation	:	INR 840,000.00 per annum

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact referencing_team@jpmchase.com.

Yours faithfully,



Siddharth Taneja
Vice President
Human Resources

CERTIFICATE

This is to certify that

Pragya Pandey, C22020111213
Pratiksha Ingale, C22020111141
Sanyukta Shukla, C22020111252

have successfully completed the work on their
PROJECT TOPIC

Single Image Dehazing Using GAN Derivatives

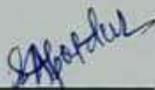
in partial fulfilment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,**

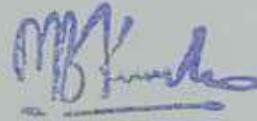
PUNE - 411052



Internal Guide
[Prof.Sandhya Potadar]



Head of the Department
[Dr.(Mrs.)Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]




Government of India
Ministry of Jal Shakti
 Department of Water Resources
 River Development and Ganga Rejuvenation
CENTRAL WATER AND POWER RESEARCH STATION
 Pune-411024, Maharashtra, India.

Tel: 020-24163477
 Fax: 020-2438 1004
 E-mail: selvabalan_cwpr@cwprs.gov.in
www.cwprs.gov.in

Project Completion Certificate

This is to certify that following students,

1. Nikita Pradeep Patil
2. Anushka Devendra Patil
3. Anya Shyam Patil

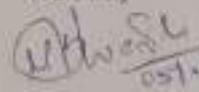
of Cummins College of Engineering for Women, Pune have successfully completed the Final Year B Tech project titled 'Wave and Shoreline Prediction of Near Shore using ML' at Central Water Power and Research station, Khadakwasia, Pune-411024 under my guidance during the academic year 2022-23. Their work to find the inconsistent INCOIS data and energy of the waves is useful to CWPRS.

As the outcome of their work they have prepared a research Paper titled 'Prophet Model based Wave Parameters Prediction and Energy Calculation using INCOIS Data'. This paper shall be sent to a Journal. The draft copy of the paper is submitted.

I wish them all the very best for their future.

Thanking You

Yours truly


 05/11/2024

Dr. M. Selva Balan
 Scientist E

Cum

the

Date: 31st August 2023

To Whomsoever it my Concern

We are glad to inform you that Ms. Arya Patil from Cummins College of Engineering has successfully completed her Internship at **Orbital Electromech Engineering Projects Pvt. Ltd.** from 21st June 2023 to 31st August 2023.

During her internship she was working on various skill set such as python, HTML, SQL, and JavaScript. We found her extremely inquisitive and hard working. She was very much interested to learn the functions of our core division and willing to put her efforts and get in to the depth of subject to understand better.

Her association with us was very fruitful and we wish her all the best in her Future endeavors.

Authorised Signatory



Rohan Panday

General Manager

Orbital Electromech Engineering Projects Pvt Ltd



CERTIFICATE

This is to certify that

Arya Ranjit Patil	C22020111215
Piyusha Shendage	C22020111245
Tanvi Ganesh Tambe	C22020111256
Shivani Vijay Thorve	C22020111260

have successfully completed the work on their PROJECT TOPIC

“JobFinder - Online Job Portal”

in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE -411052.



Internal Guide

Prof. Sharad Dube



Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. M. B. Khambete




Government of India
Ministry of Jal Shakti
 Department of Water Resources
 River Development and Ganga Rejuvenation
CENTRAL WATER AND POWER RESEARCH STATION
 Pune-411024, Maharashtra, India.

Tel: 020-24163477
 Fax: 020-2438 1004
 E-mail: selvabalan_cwpr@cwprs.gov.in
www.cwprs.gov.in

Project Completion Certificate

This is to certify that following students,

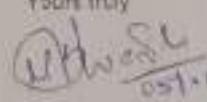
1. Nikita Pradeep Patil
2. Anushka Devendra Patil
3. Anya Shyam Patil

of Cummins College of Engineering for Women, Pune have successfully completed the Final Year B Tech project titled 'Wave and Shoreline Prediction of Near Shore using ML' at Central Water Power and Research station, Khadakwasia, Pune-411024 under my guidance during the academic year 2022-23. Their work to find the inconsistent INCOIS data and energy of the waves is useful to CWPRS.

As the outcome of their work they have prepared a research Paper titled 'Prophet Model based Wave Parameters Prediction and Energy Calculation using INCOIS Data'. This paper shall be sent to a Journal. The draft copy of the paper is submitted.

I wish them all the very best for their future.

Thanking You

Yours truly

 05/11/2024

Dr. M. Selva Balan
 Scientist E

Cum

the

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Pratiksha Patil** (ID: C22020111217) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: IMPACTBOARD

Subject area of the project: Platform Development

As a full-stack developer, Pratiksha contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Mongoose, React, Node.js and tools like Postman. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Pratiksha's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contributions significantly propelled our mission to foster healthier, more sustainable workplaces by integrating environmental and mental health initiatives with rewards. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>



CERTIFICATE

This is to certify that

Sejal Dilip Palde	C22020111212
Priti Sanjay Patil	C22020111218
Manasi Dattatray Giri	C22020771818
Gargi Pramod Saraf	C22020771853

have successfully completed the work on their PROJECT TOPIC

Tour Guide Application

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**

Internal Guide
[Prof.. Sharad Dube]

Head of the Department
[Dr.(Mrs.)Sharda Ohatkar]

Principal
[Dr.(Mrs.)M.B. Khambete]

CERTIFICATE

This is to certify that

Shreya Rajesh Patil	C22020111220
Asmita Kamindra Gurav	C22020111140
Shivani Digambar Patil	C22020111219

have successfully completed the work on their project topic

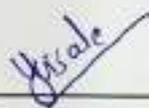
Fraud Detection in Vehicle Insurance Claim

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE - 411052.



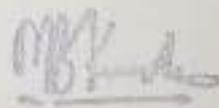
Internal Guide

[Prof. Vidya Sisale]



Head of the Department

[Dr.(Mrs.)Sharada Ohatakar]



Principal

[Dr. (Mrs.)M.B. Khambeta]

CERTIFICATE

This is to certify that

Shreya Rajesh Patil	C22020111220
Asmita Kamindra Gurav	C22020111140
Shivani Digambar Patil	C22020111219

have successfully completed the work on their project topic

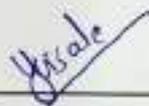
Fraud Detection in Vehicle Insurance Claim

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE - 411052.



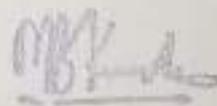
Internal Guide

[Prof. Vidya Sisale]



Head of the Department

[Dr. (Mrs.) Sharada Ohatakar]



Principal

[Dr. (Mrs.) M.B. Khambete]

CERTIFICATE

This is to certify that

Nikita Bhagawan Jadhav	C22021112108
Snehal Satish Patil	C22020111221
Tejas Rajendra Joshi	C22020771823

have successfully completed the work on their **PROJECT TOPIC**

Methodology For Signal Analysis: ML Based Classification with Application to
Bio-Medical Signal

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

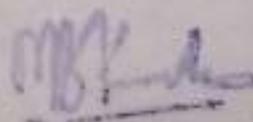
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Prof. (Mrs.) Rupali Pawar]



Head of the Department
[Dr. (Mrs.) Sharada Ohatkar]



Principal
[Dr. (Mrs.) M.B. Khambete]



CERTIFICATE

Completion Of Internship

This certificate is awarded to

MS. HARSHA PAWAR

on 3-SEP-23 for his/her completion of the internship program at EMPROTEK SOFTWARE SOLUTIONS PVT. LTD.

For the role of Embedded Firmware Developer Trainee

From date 3-JULY-2023 to 3-SEPTEMBER-2023

We wish him/her all the best for future.

Shriram Kulkarni

Shriram Kulkarni

Director



Prachi Kulkarni

Prachi Kulkarni

Director

CERTIFICATE

This is to certify that

Tejal Bidada	C22020111118
Tanvi Jahaklekar	C22020111143
Rutuja Manakapure	C22020111166
Harsha Pawar	C22020111222

have successfully completed the work on their PROJECT TOPIC

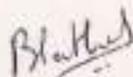
Removal of Motion Blur and Motion Based Aliasing from a Video

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN
ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

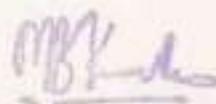
M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR
PUNE - 411052.



Internal Guide
[Dr. Bageshree Pathak]



Head of the Department
[Dr. (Mrs.) Sharada Ohatakar]



Principal
[Dr. (Mrs.) M.B. Khambete]



Date: 05.01 2023

To whomsoever, it may concern.

This is to certify that Ms. Shruti Pawar has completed Internship in Knorr-Bremse Technology Center India Private Limited for the period of 29th May 2023 to 30th November 2023.

Ms. Shruti Pawar has worked on below mentioned Project,

Sr no.	Date	Project name/ details
1.	From 29.05.23 to 30.11.23	Automation of Production Software Drawings for EP2002 Classic System

Ms. Shruti Pawar was found sincere and hardworking in her/his tenure.

We wish her all the best for future endeavours.

Kind Regards,

For Knorr-Bremse Technology Center India Private Limited.



Anju Natak
Manager – HR

Completion Certificate



Digi Palette
Market Your Business Smarter!

✉ sakshirajput811@gmail.com

To,

The H.O.D of Electronics & Telecommunication Engineering,

Cummins College of Engineering

Karve Nagar Pune, Maharashtra, 411052

Subject: Sponsorship Company Project work

This is to certify that the project titled "DEVELOPING AN E-COMMERCE WEBSITE FOR PERSONALIZED GIFT SHOP" successfully completed during the academic year 2022-2023, by the following mentioned students of Cummins College of Engineering from E&TC branch.

Names of the Students	Roll No.
1. Tanvi Pawar	4224
2. Sakshi Pise	4229
3. Srushti Harale	4271
4. Vaibhavi Panse	4844

Students of MKSSS Cummins College of Engineering, Pune are doing their B.Tech Sponsored Project with Digi-Palette from 01/07/2023 to 01/01/2024. As part of their curriculum. Objective of the said project is fulfilled in all respects to our satisfaction.

We wish you every one success in life!

Thank You.

S. Rajput

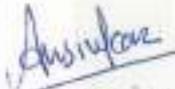
Date: 06th January 2024

INTERNSHIP COMPLETION LETTER

We are glad to inform you that Ms. Tapish Pawar from MKSSS's Cummins College of Engineering for Women, Pune, has successfully completed her internship at Instron Technologies LLP from 6th September 2023 to 6th January 2024.

We found her extremely inquisitive and hard working. She was very much interested in Learning the functions of our core division and willing to put her best efforts and get into the depth of the subject to understand it better.

Her association with us was very fruitful and we wish her all the best in her future Endeavours.


For Instron Technologies LLP



18th December 2023

TO WHOMSOEVER IT MAY
CONCERN

This is to certify that **Shravanee Pedram** the student of **MKSSS Cummins College of Engineering** 4th year of Electronics and Telecommunication Engineering. She worked on the project during her internship from 5 July 2023 to 29 December 2023. The project title given to her was "**Data Analysis and Business Intelligence for Quality and Finance Data**" at Atlas Copco, GECIA, Hinjewadi, during her internship tenure, under the guidance of Mr. Pankaj Vargude, Team Leader, Data Analytics, GECIA.

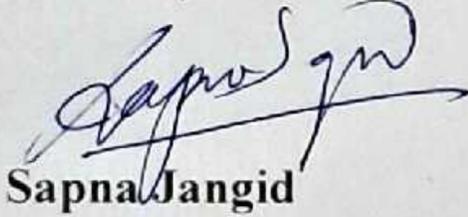
We wish all the best in her future endeavors.

Yours faithfully

Atlas Copco Group

Atlas Copco (India) Private Limited

[Formerly known as Atlas Copco (India) Limited]



Sapna Jangid

HR Manager

Atlas Copco Group

Atlas Copco (India) Private Limited
[Formerly known as Atlas Copco (India) Limited]
Sveanagar, Dapodi,
Mumbai-Pune Road,
Pune - 411012,
Maharashtra, India.

Registered Office :
Sveanagar, Dapodi,
Pune - 411012,
Maharashtra, India.

Telephone : +91 74149 66670
www.atlascopco.com/en-in
www.atlascopcogroup.com/en

Reach us @ 1800 120 110030
CIN : U27106PN1960PTC020566
PAN : AAACA4074D

PRIVATE AND CONFIDENTIAL

TO WHOMSOEVER IT MAY CONCERN

January 31, 2024

Subject – Internship Certificate

This is to certify that **Suman Pidwani (SESA726599)** from **Cummins College of Eng. for Women** has completed her internship with us at **Schneider Electric India Private Limited** from **5th June 2023 - 8th December 2023** and she has worked on:

- **Testing & Validation of ACB Electronic Trip Unit**

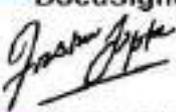
She was reporting to **Bhanwar Lal Bishnoi (SESA586572)**.

During the period of her training, we found **Suman Pidwani (SESA726599)** to be sincere, hardworking and a keen learner.

On behalf of Schneider Electric, we would like to thank her & wish her every success in future endeavors.

Best Regards,

For and on behalf of
Schneider Electric India Private Limited

DocuSigned by:

B88061F1050F4C1...

Anshu Gupta, HR Services Vice President - India & MEA

Schneider Electric India Private Limited

Corporate Office : 9th Floor, DLF Building No.10.Tower C, DLF Cyber City, Phase II, Gurgaon – 122002, India

Tel. : 91 124 3940400 Fax : 91 124 4222036, 4222037

Regd. Office : C-56, Mayapuri Industrial Area, Phase-II, New Delhi – 110064, India

Tel. : 91 11 30189530

CIN No. : U74899DL1995PTC065815

Completion Certificate



Digi Palette
Market Your Business Smarter!

✉ sakshirajput811@gmail.com

To,

The H.O.D of Electronics & Telecommunication Engineering,

Cummins College of Engineering

Karve Nagar Pune, Maharashtra, 411052

Subject: Sponsorship Company Project work

This is to certify that the project titled "DEVELOPING AN E-COMMERCE WEBSITE FOR PERSONALIZED GIFT SHOP" successfully completed during the academic year 2022-2023, by the following mentioned students of Cummins College of Engineering from E&TC branch.

Names of the Students	Roll No.
1. Tanvi Pawar	4224
2. Sakshi Pise	4229
3. Srushti Harale	4271
4. Vaibhavi Panse	4844

Students of MKSSS Cummins College of Engineering, Pune are doing their B.Tech Sponsored Project with Digi-Palette from 01/07/2023 to 01/01/2024. As part of their curriculum. Objective of the said project is fulfilled in all respects to our satisfaction.

We wish you every one success in life!

Thank You.

S. Rajput



August 3

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that Ms. Radhika Pangarkar (Employee Code: 150824) was working in our organization from 22 May 2023 to 21 July 2023. She was working as Summer Intern and drawing an annual salary of Rs 480,000.00/- at the time of relieving.

Radhika has been relieved from the services of Mastercard Technology Private Limited, with the closing hours of business on 21 July 2023.

We wish her all the best in her future endeavors.

Yours faithfully,

A handwritten signature in blue ink that reads "D.A. Singh" is positioned to the left of a circular official stamp. The stamp is purple and contains the text "PUNE" in the center, surrounded by a circular border with some illegible text.

For: Mastercard Technology Private Limited

People_services@mastercard.com

Global Business Services Centre - HR Services

Dated: 29 December 2023
Ref: DL/001/23-24

TO WHOMSOEVER IT MAY CONCERN

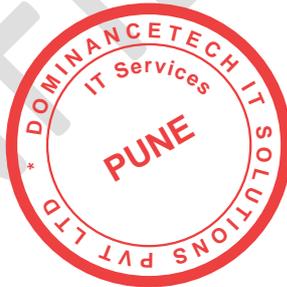
This is to certify that **Ms. Radhika Pangarkar** bearing employee number **T001** was working in our organization at Pune, Maharashtra office from 01 Oct 2023 to 29 Dec 2023. She was working as Intern and drawing an annual salary of Rs. 192,000 at the time of relieving.

Radhika has been relieved from the services from the DominanceTech IT Solutions Private Limited, with the closing hours of business on 29 December 2023.

Should you require any additional information, please do not hesitate to contact Human Resources at hr@dominancetech.com

Yours faithfully,

Jitender



For: DOMINANCETECH IT SOLUTIONS (P) LTD

Human Resource

Jitender Singh

DominanceTech IT Solutions Pvt. Ltd.

CERTIFICATE

This is to certify that
Rajput Mrunal Satish C22020111235
Yerule Shraddha Shivanand C22020111269
Nichale Akshata Dattaprasad C22021772802

have successfully completed the work on their PROJECT

TOPIC

YOUUnion: Empowering Platform for daily wage workers

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,PUNE - 411052 .**

Internal Guide

1. Dr. Makarand Velankar

2. Dr. Megha Borse

Head of the Department

Dr.(Mrs.)Sharada Ohatkar

Principal

Dr.(Mrs.)M.B. Khambete

INTERNSHIP CERTIFICATE

MCGPL/23-24/HR/005

DATE 04/09/2023

To whom it may concern,

This letter is to confirm that Miss. Janvi Ramnani. (C.No./Enrollment :C 2202111236) has completed an internship at our firm, from 15th July to 1st Sept 2023.

During her internship, she was exposed to various aspects of electronics engineering and gained valuable insights into the industry. She was assigned different tasks and projects that required her to apply her theoretical knowledge and practical skills. She was able to handle the challenges and responsibilities with ease and efficiency. Additionally, she also showed excellent communication, teamwork, and problem-solving abilities.

We appreciate her contribution to our firm and commend her for her outstanding performance. We hope that this internship experience will help her in achieving her academic and career goals.

Sincerely,
H.S. Bidkar
(Mahasi Bidkar)
Director



91-20-24264895



sales@melconindia.com

408, Mate Chambers, Gultekdi
Mukund Nagar, Pune:411037

CERTIFICATE

This is to certify that
Paridhi Bhagwat C22020111113
Vaishnavi P. Mane C22020111167
Janvi Ramnani C22020111236

have successfully completed the work on their PROJECT TOPIC

Detection and Prediction of Harmful Algal Blooms
in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRI BAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.



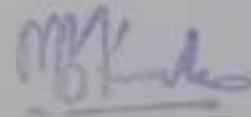
Internal Guide

[Dr.(Mrs.) Ashwini Deshpande]



Head of the Department

[Dr.(Mrs.) Sharada Ohatkar]



Principal

[Dr.(Mrs.) M.B. Khambete]

CERTIFICATE

Acknowledgement

This is to certify that

Avani Chawardol	C22020111120
Shreeya Desai	C22020111127
Janhavi Kale	C22020111144
Sakshi Retharekar	C22020111238

have successfully completed the work on their PROJECT TOPIC
"UpLiftU"

in partial fulfillment for the award of the degree of
**Bachelor of Technology in ELECTRONICS AND
TELECOMMUNICATION**
ENGINEERING Of SAVITRIBAI PHULE PUNE UNIVERSITY,

in
**MKSSS'S CUMMINS COLLEGE OF ENGINEERING
FOR WOMEN, KARVE NAGAR,
PUNE -411052.**

SPONSORED BY : - IN-HOUSE



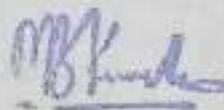
Internal Guide

Prof. Manasi Pathade



Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. M. B. Khambeta

CERTIFICATE

This is to certify that

- 1) Dnyaneshwari Aghav - C22021112104
- 2) Bhagyashri Sabale - C22020111240
- 3) Shivani Patil - C22020111248

have successfully completed the work on their PROJECT TOPIC

Crowd Counting Using Deep Neural Network

in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE
NAGAR,
PUNE - 411052 .



Internal Guide

[Prof. (Manasi Pathade)]



Head of the Department

[Dr. (Mrs.) Prachi Mukherji]



Principal

[Dr. (Mrs.) M.B. Khambete]



Certificate of Internship

To: Whomsoever It May Concern

This is to certify that **Ms. Pranjali Sabale**, Student of Cummins College of Engineering, was pursuing the internship from **1st Aug 2023 to 22nd December 2023** in Whirlpool Of India Ltd. GTEC, Pune under the EESI department.

she has successfully completed the internship project under the guidance of "**Mrs. Kavita Labhi**"

'We at Whirlpool wish you all the best in your future endeavors'.

Note: Data used for the project is confidential and cannot publish anywhere

For Whirlpool of India Ltd,

Manish Gupta

Senior Manager - Compensation & Benefits

WHIRLPOOL OF INDIA LIMITED

CIN : L29191PN1960PLC020083

INTERNATIONAL TECH PARK PUNE-KHARADI, C2ND & 33RD FLOOR, WING 1, BLOCK 1, GRANT ROAD, KHARADI, TALUKA HAVELI PUNE -411014. TEL (+91 20) 66056100

REGD. OFFICE : PLOT NO A-4, M.J.D.C., RANJANGAON, TAL. BHIRJUR, DIST. PUNE-412 220, INDIA. TEL: (+91 2133) 660100, FAX: (+91 2138) 232379 / 232229

WEBSITE: www.whirlpoolindia.com | Email : info_india@whirlpool.com



01.08.2023

TO WHOM IT MAY CONCERN

Dear Sir/Madam

This is to certify that Ms. Sanskruti Kapade, with employee number I587861, is a student of MKSSS Cummins college of engineering for women, Pune and is working with us as an Intern since 05.06.2023 on a project titled ICSM at SAP Labs India at SAP Labs India Pvt. Ltd., Bangalore under the guidance of Mr. Dipayan Datta, Manager and will be completing the project by 04.08.2023.

Documentation of the application in the project report is not feasible due to its confidential nature. The interns are not allowed to share the application outside the workplace.

For **SAP Labs India Pvt. Ltd.**,

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Sabish', with a horizontal line underneath.

Sabish Kovath Bhaskar
Manager, Local HR Services India

CERTIFICATE

This is to certify that

Sanskruti Kapade (C-22020111242)
Nidhi Shivapuji (C-22020111249)
Sanika Dhavale (C-22020331509)
Anuja Ambewadikar (C-22021112202)

have successfully completed the work on their PROJECT TOPIC

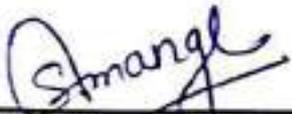
Multimodal satellite image registration using Generative Adversarial
Network (GAN)

in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE - 411052.



Internal Guide
[Dr. Supriya Mangale]



Head of the Department
[Dr. Sharada Ohatkar]



Principal
[Dr. (Mrs.) M.B. Khambete]



Danfoss Technologies Pvt Ltd
Prince Infocity II, Unit No 1, 1st Floor,
283/3 & 283/4, Rajiv Gandhi Salai
(OMR), Kandanchavady, Perungudi,
Chennai 600 096, India

Toll Free : +91 8001009289
Fax : +91 44 6715 1000
Email : danfoss.india@danfoss.com
CIN : U74999TN2020PTC136283
PAN : AAHCD8246K
GST : 33AAHCD8246K1ZE

Date: 10/01/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that: **Ms. Gayatri Savarkar**, Studying B.Tech, Electronics and Telecommunication Engineering, MKSSS's Cummins College of Engineering for Women, Pune (Maharashtra). She completed Internship with Danfoss Technologies Pvt Ltd for a period from **10-Jul-2023** to **10-Jan-2024** under the mentorship of **Mr. Vinayak Joshi**.

She has successfully completed the Internship and her Mentor was very impressed by her performance.

For Danfoss Technologies Private Limited

Laisa Jinan
Regional Head of HR, India.

CORRESPONDENCE OFFICE:

Plot A-19x2, SIPCOT Industrial Growth Center, Oragadam Village, Sripurambudur Taluk, Kanchiipuram District – 602105, Tamil Nadu, INDIA.
Tel : +91 44 67151000



August 1, 2023

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Ms. Sejal Nandgave** (Employee Code: 150819) was working in our organization from **May 22, 2023 to July 21, 2023**. She was working as **“Summer Intern”** and drawing an annual salary of **Rs 480,000.00/-** at the time of relieving.

Sejal has been relieved from the services of **Mastercard Technology Private Limited**, with the closing hours of business on **July 21, 2023**.

We wish her all the best in her future endeavors.

Yours faithfully,

A handwritten signature in blue ink and a circular official stamp in purple ink. The stamp contains the text "SEJAL NANDGAVE" and "HR SERVICES" around the perimeter, with "FINE" in the center.

For: Mastercard Technology Private Limited

People_services@mastercard.com

Global Business Services Centre - HR Services

22nd December 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Miss.Sejal Nandgave, student of Cummins College Of Engineering for Women, Pune, has successfully completed an internship in the field of Project Management from 10 August 2023 to 22nd December 2023 under guidance of Vikram Chavan-DM SUSTAINABILITY.

During the period of her internship with us she had been exposed to different processes and was found diligent, hardworking & inquisitive.

We wish her very best in his future assignments.

Yours faithfully

For **Kohler Power India Private Limited**

Sameer Bondre
Director – India Technical Center



AltiusTech
Health

LLP ID # AAN-5578
An ISO 9001:2008 Company

Date: 11-08-2023

Certificate of Internship Completion

To whomsoever it may concern

This is to certify that Ms. Piyusha Shendage, (Roll No: C22020111245), B.Tech in Electronics and Telecommunication student of MKSS's Cummins College of Engineering, Pune), who worked with AltiusTech Health as Intern in the department of Technical Support Service from 15-06-2023 to 11-08-2023. She had successfully completed her 2 month internship with dedication and hardship. During this tenure she performed technical tasks in database, SQL, crystal report etc. We wish her all the best for his future endeavour.

Yours Sincerely,

Nilesh Waghmode
Sr. HR-Admin and QMS
AltiusTech Health IT Solutions LLP.



AltiusTech Health IT Solutions LLP.

#1603, 16th Floor, Building A-1, Rupa Solitaire, Millennium Business Park, Mahape, Navi-Mumbai,
Maharashtra, India - 400710

CERTIFICATE

This is to certify that

Arya Ranjit Patil	C22020111215
Piyusha Shendage	C22020111245
Tanvi Ganesh Tambe	C22020111256
Shivani Vijay Thorve	C22020111260

have successfully completed the work on their PROJECT TOPIC

“JobFinder - Online Job Portal”

in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE -411052.



Internal Guide

Prof. Sharad Dube



Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. M. B. Khambete

Internship Completion Certificate

ERC/NSTP/99993524

December 27 , 2023

This is to certify that **Vaishnavi Sanjay Shirsalkar** has worked as a Project Trainee with our "Advance Technology Development " department of Engineering Research Centre, Pune from **June 06,2023 to December 08, 2023.**

During the period, she has worked on "Automotive Ethernet" at Tata Motors Project.

She has completed this project under the guidance and supervision of her reporting manager – Ms. Geetanjali Khot (Deputy General Manager).

She has been sincere in her work during her stint in Tata Motors Ltd. Pune and her performance was **Excellent.**

We wish her all the best for her future endeavors.



For TATA Motors Ltd.

K Lavanya Lahari
Human Resources
Engineering Research Centre
Tata Motors Limited Pune

CERTIFICATE

This is to certify that

Shreya Rajesh Patil	C22020111220
Asmita Kamindra Gurav	C22020111140
Shivani Digambar Patil	C22020111219

have successfully completed the work on their project topic

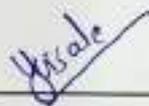
Fraud Detection in Vehicle Insurance Claim

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE - 411052.



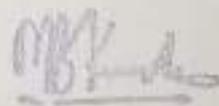
Internal Guide

[Prof. Vidya Sisale]



Head of the Department

[Dr.(Mrs.)Sharada Ohatakar]



Principal

[Dr. (Mrs.)M.B. Khambeta]



Date: **September 01, 2023**

Experience Certificate

This is to certify that **Nidhi Shivapuji** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **July 03, 2023, till September 01, 2023.**

Her designation at the time of relieving was **Student Intern.**

We wish her success in all her future endeavors.

With Best Regards,

For **Siemens Industry Software (India) Pvt. Ltd**

Potekar Lalita Digitally signed
by Potekar Lalita
Date: 2023.09.01
17:56:14 +05'30'

Lalita Potekar

Specialist – Human Resources

CC: Personnel File (Personnel Number: 650443)

CERTIFICATE

This is to certify that

Sanskruti Kapade (C-22020111242)
Nidhi Shivapuji (C-22020111249)
Sanika Dhavale (C-22020331509)
Anuja Ambewadikar (C-22021112202)

have successfully completed the work on their PROJECT TOPIC

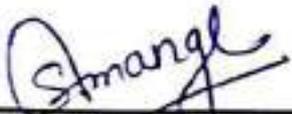
Multimodal satellite image registration using Generative Adversarial
Network (GAN)

in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

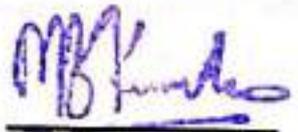
M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE - 411052.



Internal Guide
[Dr. Supriya Mangale]



Head of the Department
[Dr. Sharada Ohatkar]



Principal
[Dr. (Mrs.) M.B. Khambete]

CERTIFICATE

This is to certify that

Shreya Jadhav	C22020111250
Prachee Sutar	C22020111254
Vaishnavi Dardare	C22020111265
Swati Dhanade	C22020771815

have successfully completed the work on their
PROJECT TOPIC

Mentor Management System

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN
ELECTRONICS AND TELECOMMUNICATION ENGINEERING OF
SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

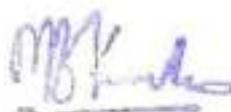
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR
WOMEN , KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
| Dr. Nitin Palan |



Head of the Department
| Dr. (Mrs.) Shurada Ohalkar |



Principal
| Dr. (Mrs.) M. B. Khambete |

CERTIFICATE OF INTERNSHIP

Date: 26th December 2023

Ref No: HR/IC/26/06/23/PS

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Purva Shrotriya** has completed her internship at **Eteva Consulting Pvt. Ltd.**, Pune from **26th June 2023** to **26th December 2023**.

She has worked on Website development as a front-end developer and learned the CMS tool Umbraco.

She is self-motivated, always ready to learn new things and has contributed significantly towards some of critical requirements that we had to deliver.

We wish her success in her future endeavours.

Yours faithfully,
For **Eteva Consulting Private Limited**



Mr. Manoj Deshmukh
(Director)

Eteva Consulting Private Limited

📍 C-3, Flat No. 20, S. No. 47, Manirathna Complex, Aruneshwar Parvati, Pune 411009

📧 HR@etevatech.com 🌐 www.etevatech.com 📞 +91 96898 93678

CIN: U74900PN2015PTC157441



CERTIFICATE

This is to certify that

Pragya Pandey, C22020111213
Pratiksha Ingale, C22020111141
Sanyukta Shukla, C22020111252

have successfully completed the work on their
PROJECT TOPIC

Single Image Dehazing Using GAN Derivatives

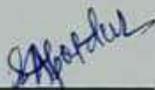
in partial fulfilment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,**

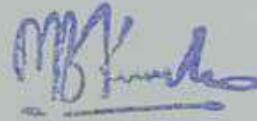
PUNE - 411052



Internal Guide
[Prof.Sandhya Potadar]



Head of the Department
[Dr.(Mrs.)Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

Internship Completion Certificate

ERC/NSTP/99993515

June 12, 2024

This is to certify that **Ms. Sanyukta Shukla** She has worked as a Project Trainee with our "Quality" department of Engineering Research Centre, Pune from **June 6, 2023 to October 2, 2023**.

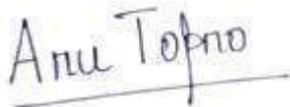
During the period, she has worked on '**AI based requirements generation in IBM tools**'.

She has completed her project under the guidance and supervision of her reporting manager – **Mr. Vivek Pande (Deputy General Manager, PLM BOM Quality)**.

She has been sincere in her work during her stint in Tata Motors Ltd. Pune and her performance was rated **Very Good**.

We wish her all the best for her future endeavors.

For TATA Motors Ltd.



Anu Topno
Human Resources
Engineering Research Centre
Tata Motors Limited Pune

Date : January 11, 2024

To Whomsoever It May Concern

This is to inform that **Komal Deepak Sutar** has successfully completed his/her internship with us.

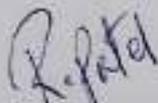
Komal worked on a project titled "**Oncology ROI analysis - SF Response Modeling, and Historical Models Systematization**" under the guidance of Shreya Kekre.

The duration of his/her project was from July 3, 2023 to December 29, 2023

Komal's overall performance during the project work was found good.

We wish Komal all the best.

For MSD Pharmaceuticals Private Limited
(A Subsidiary of Merck & Co., Inc.)



Rasik Patel
Senior Manager – Talent Acquisition



Shreya Kekre
Manager – Data Science

MSD Pharmaceuticals Private Limited

(A subsidiary of Merck Sharp & Dohme LLC Rahway N.J., U.S.A.)

(CIN: U24230CL2004PTC164418)

Corporate Office : No. 220, 2nd Floor, Trade Centre Premises Co Op. Society Ltd., BKC, Bandra East, Mumbai 400051

WeWork Enam Samahar, Levels 7, 8 & 9, C-20, 9 Block, BKC, Bandra East, Mumbai- 400051

Regd. Office: 1544, Level 15, Gros Corporate Towers, Nehru Place, New Delhi - 110 010, India

T +91 22 6749 8888 Email: contact@msdindia.com

CERTIFICATE

This is to certify that

Shreya Jadhav	C22020111250
Prachee Sutar	C22020111254
Vaishnavi Dardare	C22020111265
Swati Dhanade	C22020771815

have successfully completed the work on their
PROJECT TOPIC

Mentor Management System

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN
ELECTRONICS AND TELECOMMUNICATION ENGINEERING OF
SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

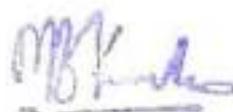
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR
WOMEN , KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
| Dr. Nitin Palani |



Head of the Department
| Dr. (Mrs.) Shurada Ohalkar |



Principal
| Dr. (Mrs.) M. B. Khambete |

Date: 30th November 2023

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Renu Tamsekar** has completed her internship in Inspirit Vision LLP starting from **1st June 2023** to **November 30, 2023**. During the training period, she has gone through detailed training of Unix, Networking, Java, HTML, CSS, REST API.

She has also worked on various tasks and responsibilities, and these experiences have significantly contributed to her skill set.

- Creation of Inspirit Vision Intranet site.
- Designing and developing sites on SharePoint technologies.
- Creation of project sites
- Creation and customization of workspaces on SharePoint

She has a great ability to swiftly pick up varied technologies and has a consistent work ethic while meeting deadlines. She is bright, honest, sensible and we have absolute confidence in her ability to make things work.

For Inspirit Vision LLP


Ujjawal Himwan
(Chief Technology Officer)



Project Completion Certificate

01st September 2023

Dear **Tanvi Tambe**,

Congratulations on completing your internship at Eaton.

This is to certify that **Miss. Tanvi Tambe**, an Electronics/E&TC Engineering Undergraduate from **Cummins college**, has successfully completed her internship from **03-Jul-2023 to 01-Sep-2023**, at Eaton India Innovation Center.

Your efforts at Eaton are appreciated and will help enhance our organization's processes. We hope that your time here has been both challenging & enjoyable and that your needs have been met.

We certify the completion of your project "**Automate GT40 WebUI Validation**" under the guidance of **Miss. Roshani Aher**.

We wish you all the best for your future endeavors.

Warm Regards,

Eaton India Innovation Center



Firoz Master
Manager HR

CERTIFICATE

This is to certify that

Arya Ranjit Patil	C22020111215
Piyusha Shendage	C22020111245
Tanvi Ganesh Tambe	C22020111256
Shivani Vijay Thorve	C22020111260

have successfully completed the work on their PROJECT TOPIC

“JobFinder - Online Job Portal”

in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE -411052.



Internal Guide

Prof. Sharad Dube



Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. M. B. Khambete

Microsoft India (R&D) Pvt. Ltd
Bagmane Capital Campus
4-8th floor, Luxor North Tower
Mahadevapura Village, KR Puram Hobli
Bengaluru East Taluk – 560048, Karnataka, India

Tel + 91-80-61772000
<http://www.microsoft.com/india>



21-Jul-23

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ishwari Tate** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Abhishek Dixit (Abhisdixit) and Pratyush Verma (Pratverma).

We wish her all the best in her future endeavors.

Yours Sincerely,
For Microsoft India (R&D) Pvt. Ltd

A handwritten signature in blue ink that reads "Ira Gupta".

Ira Gupta
SR GEO HR DIRECTOR

A handwritten signature in blue ink that reads "Ira Gupta".

Signature of Candidate

Microsoft India (R&D) Pvt. Ltd.



15th December 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms Swarangi Thakurdesai** worked with us as an Intern in our Supply Chain function from **19th June 2023 to 18th September 2023**.

For **General Mills India Pvt. Ltd.**

A handwritten signature in black ink, appearing to read 'Atulaya', is written over a horizontal line.

Atulaya Goswami

Director HR, GIC & India Site Operations



टाटा मूलभूत अनुसंधान संस्थान
TATA INSTITUTE OF FUNDAMENTAL RESEARCH

परमाणु ऊर्जा विभाग की स्वायत्त संस्था
भारत सरकार एवं समविश्वविद्यालय

*An Autonomous Institution of the Department of Atomic Energy
Government of India and Deemed University*

होमी भाभा मार्ग, कुलाबा, मुंबई / Homi Bhabha Road, Colaba, Mumbai - 400 005.

दूरभाष / Telephone : 022-2278 2000

वेबसाइट / Website : www.tifr.res.in

December 21, 2023

This is to certify that

Ms. Swarangi Thakurdesai

a B. Tech - E&TC (2023-24) – SEM VII student of MKSSS's Cummins College of Engineering for Women, Pune, completed her internship from September 21, 2023 to December 21, 2023 under my mentorship. She worked on a project titled "Development of test board for charge injection in readout board to be used for silicon based High Granularity Calorimeter with the CMS detector at CERN" in the domain of "Instrumentation for High Energy Physics", under the supervision of Mr. Mandar Saraf and guidance of Dr. Gobinda Majumder, Dr. Shilpi Jain and Dr. Rajdeep Chatterjee.

(Dr. B. Satyanarayana)
Scientific Officer (H)

Dr. Shilpi Jain
Reader (F)

Dr. B. Satyanarayana, Ph.D.
INO Project Coordinator &
Scientific Officer (H), TIFR
Homi Bhabha Road, Colaba,
Mumbai, INDIA - 400005.



BRIGHT ENGINEERING

PLOT NO: 150, SECTOR: 10 PCNTDA, BHOSARI, PUNE-411026

Email: -bright2008@rediffmail.com, Ph. No: -9987564755

Website - brightengineeringpune.com

EXPERIENCE CERTIFICATE

Date:- 30.12.2023

To Whomever It May Concern

This is to certify that Shloka Sharad Thombare, has completed his Internship in Our Firm ,Starting from 3rd July 2023 till date 29.12.2023 as a software developer (design, development of software in Lab view and integration with National Instruments Hardware (Microcontrollers) which are used to log the real time data of all parameters required during Working of the system).She has been relived from our Firm on 29.12.2023 as an Intern.

We Congratulations and Wish her all the Best in her future endeavours.

Sincerely.



E. Jagan Mohan Reddy
For Bright Engineering



Date: **September 04, 2023**

Experience Certificate

This is to certify that **Shivani Thorave** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **July 03, 2023, till September 01, 2023.**

Her designation at the time of relieving was **Student Intern.**

We wish her success in all her future endeavors.

With Best Regards,

For **Siemens Industry Software (India) Pvt. Ltd**

Potekar Lalita Digitally signed
by Potekar Lalita
Date: 2023.09.04
19:52:34 +05'30'

Lalita Potekar

Specialist – Human Resources

CC: Personnel File (Personnel Number: 650481)

CERTIFICATE

This is to certify that

Arya Ranjit Patil	C22020111215
Piyusha Shendage	C22020111245
Tanvi Ganesh Tambe	C22020111256
Shivani Vijay Thorve	C22020111260

have successfully completed the work on their PROJECT TOPIC

“JobFinder - Online Job Portal”

in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE -411052.



Internal Guide

Prof. Sharad Dube



Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. M. B. Khambete

Nomura Services India Private Limited

Winchester – 10th Floor, Powai Business District, Powai,
Mumbai - 400 076, India

Telephone +91 22 3053 4626

Facsimile +91 22 3053 2111

Website www.nomura.com

03 January 2024

Internship Completion Letter

This is to certify that Pranjal Sharad Todkar, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Global Markets IT division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

**Reshma
Khanna** Digitally signed by
Reshma Khanna
Date: 2024.01.03
18:01:59 +05'30'

Reshma Khanna
Executive Director - Human Resources



Seagate Technology HDD (India) Private Limited
EON Kharadi, SEZ, Plot-1, Cluster – E
MIDC Kharadi, Knowledge Park
Pune 411014
India

Tel: +91 020 49144000

Date: 29-Dec-2023
Ref No: IN-760814

To Whom It May Concern

Name: Ms. Sakshi Tushar Uttekar
National Identifier: AMHPU6686M

This is to certify that Ms. Sakshi Tushar Uttekar, was an Intern at Seagate Technology HDD (India) Private Limited.

The internship program is for 5 month(s) and 26 day(s) duration. The start date is 4-Jul-2023.

This letter is issued based on the request of the employee. The company has no obligations whatsoever.

Note: Other information (if any) will not be released as per our company policy.

Seagate Technology HDD (India) Private Limited

A handwritten signature in blue ink that reads 'Richa'.

Richa Sharma
Senior Manager, Human Resources

CERTIFICATE

This is to certify that

Vaibhavi Meshram C22020111264
Avantika Ambulgekar C22020771804
Avanti Yadav C22020771806
Trupti Nale C22020771842

have successfully completed the work on their **PROJECT TOPIC**

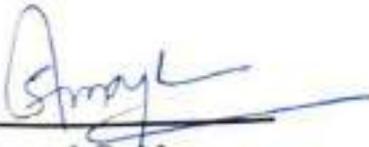
Advancing Face Liveness Detection in Real-Time: A MobileNetV2 Model with Depth as a Parameter

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide

[Dr. (Mrs) Supriya Mangale]



Head of the Department

[Dr. (Mrs.) Sharada Ohatkar]



Principal

[Dr. (Mrs.) M.B. Khambete]

CERTIFICATE

This is to certify that

Shreya Jadhav	C22020111250
Prachee Sutar	C22020111254
Vaishnavi Dardare	C22020111265
Swati Dhanade	C22020771815

have successfully completed the work on their
PROJECT TOPIC

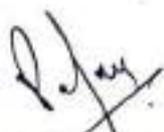
Mentor Management System

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN
ELECTRONICS AND TELECOMMUNICATION ENGINEERING OF
SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

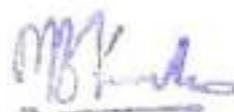
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR
WOMEN , KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
| Dr. Nitin Palani |



Head of the Department
| Dr. (Mrs.) Shurada Ohalkar |



Principal
| Dr. (Mrs.) M. B. Khambete |

Internship Certificate



Date : January 11, 2024

To Whomsoever It May Concern

This is to inform that Anushka Santosh Yeole has successfully completed his/her internship with us.

Anushka worked on a project titled " HCP Microsegmentation" under the guidance of Aniket Bandhekar

The duration of his/her project was from July 3, 2023 to December 29, 2023

Anushka's overall performance during the project work was found good.

We wish Anushka all the best.

For MSD Pharmaceuticals Private Limited
(A Subsidiary of Merck & Co., Inc.)


Rasik Patel
Senior Manager – Talent Acquisition


Aniket Bandhekar
Senior Manager – Data Science

CERTIFICATE

This is to certify that
Rajput Mrunal Satish C22020111235
Yerule Shraddha Shivanand C22020111269
Nichale Akshata Dattaprasad C22021772802

have successfully completed the work on their PROJECT

TOPIC

YOUUnion: Empowering Platform for daily wage workers

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,PUNE - 411052 .**

Internal Guide

1. Dr. Makarand Velankar

2. Dr. Megha Borse

Head of the Department

Dr.(Mrs.)Sharada Ohatkar

Principal

Dr.(Mrs.)M.B. Khambete

WCTS/HRD/EL/2023/12

Date: 12/12/2023

INTERNSHIP CERTIFICATE

Ms. Shivani Patil,
Pune

Subject: Internship Certificate

This is to inform whomsoever it may concern and certify that **Shivani Patil** was working as a Intern with **White Code Technology Solutions Pvt. Ltd** as a "**Trainee- Software Developer**" from **12/06/2023 to 12/12/2023**.

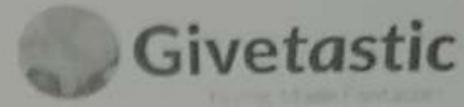
During her employment, we found **Shivani** to be a professional, knowledgeable and result oriented with a theoretical and practical understanding of work requirements.

On behalf of the company, I take this opportunity to wish **Shivani** all the very best in her future career endeavors.

FOR, White Code Technology Solutions Pvt. Ltd.



Chitra Agarkar
Executive- HR & Admin
White Code Technology Solutions Pvt. Ltd.



To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Janhavi Deshpande** (ID: C22020331508) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02. June - 04. Dec 2023) at Givetastic, Germany.

Title of the project: Mindful Buying Web App (Germany Edition)

Subject area of the project: AI / ML / Analytics and Software Dev.

As a full-stack developer, Janhavi contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Angular, Node.js, Flask, LightGBM and Docker. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Janhavi's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contribution to the Mindful Buying App not only advanced our technical capabilities but also aligned perfectly with our mission of promoting sustainable living practices. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.

Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>

Date: 14/09/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Sakshi Khule from MKSSS's Cummins College of Engineering, Pune has successfully completed her internship during the period 3rd June 2023 to 8th September 2023 in the R&D Department at Electronica Mechatronic Systems (I) Pvt Ltd.

During the above internship she has successfully completed the following objective:

- Power Supply Design.
- Relay circuit PCB schematic and Layout design on OrCAD Software.
- Toggling Seven Segment display with Microcontroller.

She was good in conduct and regular in her attendance.




Mr. Nahush Dandekar

Executive Vice President- R & D

Electronica Mechatronics System Pvt Ltd

CERTIFICATE

This is to certify that

Joshi Sakshi Gururaj C22020111145

Tekade Divya Shailendra C22021112102

Khule Sakshi Sunil C22020771831

Mane Akshada Sunil C22021112205

**have successfully completed the work on their PROJECT TOPIC
Automated Biofloc System**

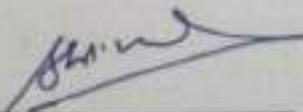
in partial fulfilment for the award of the degree of

**Bachelor of Technology in ELECTRONICS AND
TELECOMMUNICATION**

ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR, PUNE - 411052.**



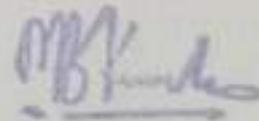
Internal Guide

Prof. S.L. Sahare



Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. Madhuri Khambetkar



Internship Completion Certification

To,

Reg.No-Nigadi/III/19562

SRIJA GUBBALA.

Date :30th Dec 2023

[MKSSS's CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, PUNE]

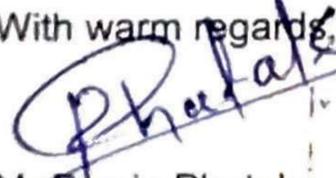
To WHOMSOEVER IT MAY CONCERN

This is Certify That **Mr/Miss.** SRIJA GUBBALA Student at **MKSSS's CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, PUNE** doing his industrial training titled "**Web Technology**" at our facilities.

He/She Started the training by 3rd July 2023 and will be completed the same by 29th Dec 2023. During this period, we found he/she was hardworking, sincere, dedicated and extremely competent. He/she worked creatively as an excellent team with dedicated approach.

We wish his/her all the best for his/her future.

With warm regards,


Mr. Pravin Phatak.

VowTech SW Development
Nigdi , Pune 411044

Project Manager

For VowTech.

Pune – 411044.

INTERNSHIP CERTIFICATE

MCGPL/23-24/HR/004

DATE 04/09/2023

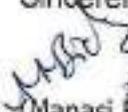
To whom it may concern,

This letter is to confirm that Miss. Sanika Dhavale. (C. No./Enrollment : C22020331509) has completed an internship at our firm, from 15th July to 1st Sept 2023.

During her internship, she was exposed to various aspects of electronics engineering and gained valuable insights into the industry. She was assigned different tasks and projects that required her to apply her theoretical knowledge and practical skills. She was able to handle the challenges and responsibilities with ease and efficiency. Additionally, she also showed excellent communication, teamwork, and problem-solving abilities.

We appreciate her contribution to our firm and commend her for her outstanding performance. We hope that this internship experience will help her in achieving her academic and career goals.

Sincerely,


(Manasi Bhaskar)

Director



91-20-24264895



sales@melconindia.com

408, Mate Chambers, Gultekdi
Mukund Nagar, Pune:411037

CERTIFICATE

This is to certify that

Sanskruti Kapade (C-22020111242)
Nidhi Shivapuji (C-22020111249)
Sanika Dhavale (C-22020331509)
Anuja Ambewadikar (C-22021112202)

have successfully completed the work on their PROJECT TOPIC

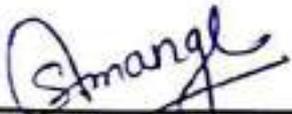
Multimodal satellite image registration using Generative Adversarial
Network (GAN)

in partial fulfillment for the award of the degree of

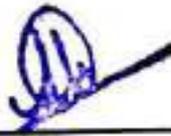
Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

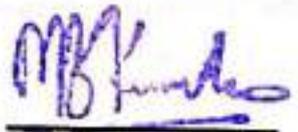
M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE - 411052.



Internal Guide
[Dr. Supriya Mangale]



Head of the Department
[Dr. Sharada Ohatkar]



Principal
[Dr. (Mrs.) M.B. Khambete]

Date:- 04th December, 2023

To whomsoever it may concern

This is to state that **Aishwarya Babar** (Employee ID:475100940) worked with Cyronics Innovation Labs Pvt.Ltd from 17th June, 2023 to 04th December 2023 as an Intern.During this period she carried out following tasks:

- Altium and Orcad schematic Design Software and Prepared RF PCB Schematic and Layout.
- Tested RF PCBs on Vector Network Analyzer.
- Tested Power Supply Circuits and related components on DSO.
- Selection of suitable RF components for the system.
- Created a Bill of Materials for some of our ongoing projects.

She is a quick learner , hardworking, enthusiastic and very Self-Discipline.
We wish her success in her future endeavours.

Authorised Signatory,
For Cyronics Innovation Labs Pvt Ltd,



Mr.C. Purushottam



INTERNSHIP CERTIFICATE

MCGPL/23-24/HR/006

DATE: 04/09/2023

To whom it may concern,

This letter is to confirm that Miss. Anuja Ambewadikar.(C.No./ Enrollment : C22021112202) has completed an internship at our firm, from 15th July to 1st Sept 2023.

During her internship, she was exposed to various aspects of electronics engineering and gained valuable insights into the industry. She was assigned different tasks and projects that required her to apply her theoretical knowledge and practical skills. She was able to handle the challenges and responsibilities with ease and efficiency. Additionally, she also showed excellent communication, teamwork, and problem-solving abilities.

We appreciate her contribution to our firm and commend her for her outstanding performance. We hope that this internship experience will help her in achieving her academic and career goals.

Sincerely,

(Manas BidRANE)
Director



91-20-24264895



sales@melconindia.com

408, Mate Chambers, Gultekdi
Mukund Nagar, Pune:411037

CERTIFICATE

This is to certify that

Sanskruti Kapade (C-22020111242)
Nidhi Shivapuji (C-22020111249)
Sanika Dhavale (C-22020331509)
Anuja Ambewadikar (C-22021112202)

have successfully completed the work on their PROJECT TOPIC

Multimodal satellite image registration using Generative Adversarial
Network (GAN)

in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

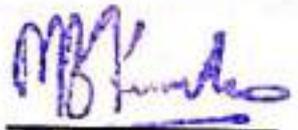
M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR,
PUNE - 411052.



Internal Guide
[Dr. Supriya Mangale]



Head of the Department
[Dr. Sharada Ohatkar]



Principal
[Dr. (Mrs.) M.B. Khambete]

Completion Certificate



Digi Palette
Market Your Business Smarter!

✉ sakshirajput811@gmail.com

To,

The H.O.D of Electronics & Telecommunication Engineering,

Cummins College of Engineering

Karve Nagar Pune, Maharashtra, 411052

Subject: Sponsorship Company Project work

This is to certify that the project titled "DEVELOPING AN E-COMMERCE WEBSITE FOR PERSONALIZED GIFT SHOP" successfully completed during the academic year 2022-2023, by the following mentioned students of Cummins College of Engineering from E&TC branch.

Names of the Students	Roll No.
1. Tanvi Pawar	4224
2. Sakshi Pise	4229
3. Srushti Harale	4271
4. Vaibhavi Panse	4844

Students of MKSSS Cummins College of Engineering, Pune are doing their B.Tech Sponsored Project with Digi-Palette from 01/07/2023 to 01/01/2024. As part of their curriculum. Objective of the said project is fulfilled in all respects to our satisfaction.

We wish you every one success in life!

Thank You.

S. Rajput



Date: 10th Oct 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Akshada Mane, student of Cummins College of Engineering for Women's, Pune pursuing B. Tech in E&Tc has successfully completed her internship with SunRayz Technology, Pune.

The project was undertaken from 1-July-2023 to 31-Sept-2023. She worked on "Projects worked on were: College ERP System."

We wish her all the best in her future endeavours.

Yours sincerely,

Sunrayz Technology

Sambhaji Pawar
Founder

CERTIFICATE

This is to certify that

Joshi Sakshi Gururaj C22020111145

Tekade Divya Shailendra C22021112102

Khule Sakshi Sunil C22020771831

Mane Akshada Sunil C22021112205

**have successfully completed the work on their PROJECT TOPIC
Automated Biofloc System**

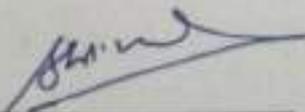
in partial fulfilment for the award of the degree of

**Bachelor of Technology in ELECTRONICS AND
TELECOMMUNICATION**

ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR, PUNE - 411052.**



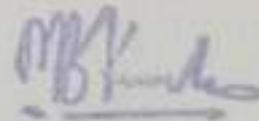
Internal Guide

Prof. S.L. Sahare



Head of the Department

Dr. Sharada Ohatkar



Principal

Dr. Madhuri Khambetkar

Completion Certificate

Nomura Services India Private Limited
Windsor House, 10th Floor, Peshwa Dabwali Chowk, Puna,
Maharashtra 411005

Telephone +91 22 4405 4629
Facsimile +91 22 4475 2111
Website www.nomura.com

03 January 2024

Internship Completion Letter

This is to certify that Rukayya Firoz Momin, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Global Markets IT division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

Digitally signed

Reshma by Reshma

Khanna

Khanna

Date: 2024.01.03

Reshma Khanna

17:58:53 +05'30'

Samsung Galaxy A22 5G

Executive Director - Human Resources

NOMURA

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

TRUPTI RAJBHOJ

IN RECOGNITION OF VALUABLE CONTRIBUTIONS AS AN INTERN AT:-

Soudamini Instruments

FOR THE PERIOD FROM 01/06/2023 TO 31/12/2023

WITH THE GRADE **A+** AWARDED FOR HER CONTRIBUTIONS



30 DEC 2023

SIGNATURE

DATE



STDL

Towards Green Sustainability

ShreeTech Data Limited

(Formerly Known as Shree Electricals & Engineers (India) Private Limited)

CIN NO. : U31900PN2008PTC131963 GST NO. : 27AALCS9026Q1ZG

5/1/2024

This is to certify that Ovi Shrinivas Deshingkar successfully completed a 6 months internship at STDL from 3/7/2023 to 30/12/2023. During this period, Ovi Shrinivas Deshingkar demonstrated dedication, enthusiasm, and commendable.

Internship Details:

- Intern's Full Name: Ovi Shrinivas Deshingkar
- Internship Position: Intern BD
- Duration: 6 Months

We commend Ovi Shrinivas Deshingkar for their valuable contributions and wish them continued success in their future endeavours.

Sincerely,



Bhaktee Joshi
HR Head
STDL

CERTIFICATE

This is to certify that

Rujula Sambrey	C22019111246
Tejas Chirke	C22020771810
Pooja Dahifale	C22020771811

have successfully completed the work on their PROJECT TOPIC

Hospital Management System

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

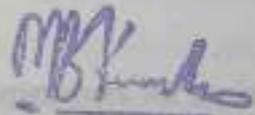
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr./Prof. Sachin Paranjape]



Head of the Department
[Dr.(Mrs.) Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

CERTIFICATE

This is to certify that

Name	C. no.	Roll No.
1. Shital ugale	C22018111113	4277
2. kartiki salve	C22018111086	4278
3. Aishwarya kamble	C22020772801	4878

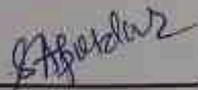
have successfully completed the work on their PROJECT TOPIC
(Image denoising with CNN using autoencoder)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

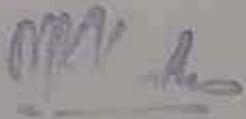
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVE NAGAR ,
PUNE - 411052 .**


Internal Guide

[Prof.(Sandhya Potdar)]


Head of the Department

[Dr.(Mrs.)Dr.Sharada Ohatker]


Principal

[Dr.(Mrs.)M.B.Khambete]

Date: 22nd December 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Aditi Singhal** has done her internship at **Aethereus Consulting Pvt. Ltd.**, Pune from **1st July 2023 to 20th December 2023.**

For Aethereus Consulting Pvt Ltd.



Signatures

Name: Riya Sood
Manager HR





CERTIFICATE

This is to certify that the project report entitled

“**ANDROID APPLICATION DEVELOPMENT USING FLUTTER FOR SMALL BUSINESSES -CARRYIT**”

Submitted by

ADITI TAWALE	C22020771802
POOJA BANSODE	C22020771850
VAISHNAVI UPADHYAY	C22020771865

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Mahesh Pote and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University), for the award of the degree of **Bachelor of Technology** (Electronics and Telecommunication Engineering).

(Dr. Mahesh Pote)
Guide
Department of Electronics
and Telecommunication
Engineering

(Dr. Sharda Ohatkar)
Head
Department of Electronics
and Telecommunication
Engineering

(Dr. M. B. Khambete)
Principal
Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 04/01/2024



Deutsche India Pvt. Ltd.
Business Bay, Wing 2
Tower A, 6th, 7th, 8th floor
Off Airport Road, Yerwada
Pune – 411 006

August 18, 2023

Tel +91 (20) 71296000

SERVICE CERTIFICATE

This is to certify that Ms. Aishwarya Kandalkar was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the End User Technologies (EUT) RTB Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Aishwarya Kandalkar all success in her future endeavors.

Yours faithfully,
Deutsche India Private Limited

A handwritten signature in blue ink, appearing to be 'Aishwarya', written over a horizontal line.

**Authorised Signatory
Human Resources**

A handwritten signature in blue ink, appearing to be 'Aishwarya', written over a horizontal line.

**Authorised Signatory
Human Resources**

CERTIFICATE

This is to certify that

Vaibhavi Meshram C22020111264
Avantika Ambulgekar C22020771804
Avanti Yadav C22020771806
Trupti Nale C22020771842

have successfully completed the work on their **PROJECT TOPIC**

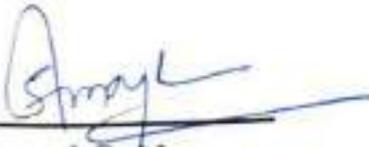
Advancing Face Liveness Detection in Real-Time: A MobileNetV2 Model with Depth as a Parameter

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide

[Dr. (Mrs) Supriya Mangale]



Head of the Department

[Dr. (Mrs.) Sharada Ohatkar]



Principal

[Dr. (Mrs.) M.B. Khambete]



Certificate of Internship

To: Whomsoever It May Concern

This is to certify that **Ms.Astha Turkar**, Student of Cummins College of Engineering, was pursuing the internship from **1st Aug 2023 to 22nd December 2023** in Whirlpool Of India Ltd. GTEC, Pune under the EESI department.

She has successfully completed the internship project under the guidance of "Mr.Adesh Phape"

'We at Whirlpool wish you all the best in your future endeavors'.

Note: Data used for the project is confidential and cannot publish anywhere

For Whirlpool of India Ltd,
Manish Gupta

Senior Manager - Compensation & Benefits

WHIRLPOOL OF INDIA LIMITED

CIN : L29191PN1900PLC020063

INTERNATIONAL TECH PARK PUNE KHARADI, 02ND & 03RD FLOOR, WING 1, BLOCK 1, GRANT ROAD, KHARADI, TALUKA HAVELI, PUNE - 411014. TEL (+91 20) 66056100

REGD. OFFICE : PLOT NO. A-4, M.I.D.C., RANJANGAON, TAL. SHIRUR, DIST. PUNE-412 220. INDIA. TEL: (+91 2138) 660100, FAX: (+91 2138) 232379 / 232229

WEBSITE - www.whirlpoolindia.com | Email : info_india@whirlpool.com

CERTIFICATE

This is to certify that

Vaibhavi Meshram C22020111264

Avantika Ambulgekar C22020771804

Avanti Yadav C22020771806

Trupti Nale C22020771842

have successfully completed the work on their **PROJECT TOPIC**

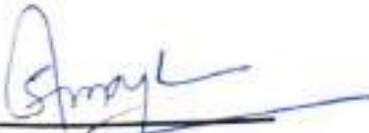
Advancing Face Liveness Detection in Real-Time: A MobileNetV2 Model with Depth as a Parameter

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide

[Dr. (Mrs) Supriya Mangale]



Head of the Department

[Dr. (Mrs.) Sharada Ohatkar]



Principal

[Dr. (Mrs.) M.B. Khambete]

Nomura Services India Private Limited

Winchester – 10th Floor, Powai Business District, Powai,
Mumbai - 400 076, India

Telephone +91 22 3053 4626

Facsimile +91 22 3053 2111

Website www.nomura.com

03 January 2024

Internship Completion Letter

This is to certify that Dhanashree Sachin Badade, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Global Markets IT division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

Reshma Digitally signed by
Khanna Reshma Khanna
Date: 2024.01.03
17:59:21 +05'30'

Reshma Khanna
Executive Director - Human Resources

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

DIVYA BERULKAR

IN RECOGNITION OF VALUABLE CONTRIBUTIONS AS AN INTERN AT:-

SOUDAMINI INSTRUMENTS

FOR THE PERIOD FROM 01/06/2023 TO 31/12/2023

WITH THE *GRADE A+* AWARDED FOR HER CONTRIBUTIONS



SIGNATURE



30 DEC 2023

Date



Date- 26nd December 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Vaishnavi Bhandarkar** was working in our organization from 1st July 2023. She was working as “Founder’s Office Intern” for a period of 6 months. Vaishnavi has been at Ekatvam Innovations, She was found punctual, hardworking, and attentive during the internship program.

She has been able to handle major responsibilities and is found to be dedicated, disciplined, hardworking, and very productive.

We Ekatvam Innovations wish her all the success in her future endeavors.



Founder,



EKATVAM INNOVATIONS PVT. LTD

CERTIFICATE

This is to certify that

Rujula Sambrey
Tejas Chirke
Pooja Dahifale

C22019111246
C22020771810
C22020771811

have successfully completed the work on their PROJECT TOPIC

Hospital Management System

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

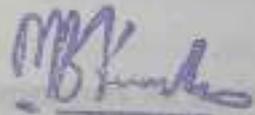
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr./Prof. Sachin Paranjape]



Head of the Department
[Dr.(Mrs.) Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]



HR-SSC/04-01-2024/527794

04 January 2024

To Whom It May Concern,

This is to certify that **Ms. Eshani Darekar**, student of “**Cummins college of Engineering for Women, Pune**” has successfully completed her internship in “**TBC**” under the guidance of **Mr. Jeremy Dujardin** at **Tata Communications Limited** from **01 July 2023** to **31 December 2023**.

She was found to be sincere and hardworking during her tenure.

We wish her success in all her future endeavours.

The above information is correct as per our company records as on the date of this letter issued. For any questions, please contact us at AskHR@tatacommunications.com

For Tata Communications Limited,

A handwritten signature in black ink that reads 'Vaibhav Kaul'.

Vaibhav Kaul
General Manager-HRSSC

Note: This is an electronically signed document.

TATA COMMUNICATIONS

Tata Communications Limited

Pune-Alandi Road, Dighi, Pune 411 015 India. Tel:+91 20 6615 3333 Fax: +91 20 6615 3309

Regd. Office: VSB Mahatma Gandhi Road, Fort, Mumbai 400 001 India.

Tel: +91 22 6657 8765 Fax: +91 22 6639 5162 email: askhr@tatacommunications.com

CIN no. :L64200MH1986PLC039266 website: www.tatacommunications.com

CERTIFICATE

This is to certify that

Desai Ishika Vijaykumar	4814
Kamble Tanvi Santosh	4825
Kawadkar Simran Rajesh	4829
Shastri Rujuta Rajeshwar	4855

have successfully completed the work on their PROJECT TOPIC

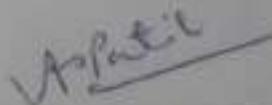
Intellectual Property Management Software for College IPR cell.

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .


Internal Guide

[(Prof.) (Dr.) (Mrs.) Anita Patil]


Head of the Department

[Dr. (Mrs.) Prachi Mulherji]


Principal

[Dr. (Mrs.) M.B. Khambete]

CERTIFICATE

This is to certify that

Shreya Jadhav	C22020111250
Prachee Sutar	C22020111254
Vaishnavi Dardare	C22020111265
Swati Dhanade	C22020771815

have successfully completed the work on their
PROJECT TOPIC

Mentor Management System

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN
ELECTRONICS AND TELECOMMUNICATION ENGINEERING OF
SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

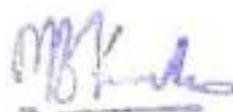
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR
WOMEN , KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
| Dr. Nitin Palani |



Head of the Department
| Dr. (Mrs.) Shurada Ohalkar |



Principal
| Dr. (Mrs.) M. B. Khambete |

CERTIFICATE

This is to certify that

(Student names) (alongwith C. Nos.)

Sayali Vijay Gajankush	C22020771816
Prajakta Siddodhan Mokale	C22020771836
Anjali Pandit Vhanmane	C22020771866
Priyanka Balaso Kumbhar	C22021772806

have successfully completed the work on their PROJECT TOPIC

PCB DEFECT DETECTION

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

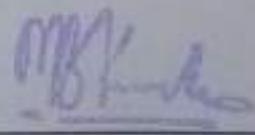
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Prof.M.S.Patankar]



Head of the Department
[Dr.(Mrs.) Sharda Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

Date: **September 18, 2023**

Experience Certificate

This is to certify that **Shraddha Ghagare** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **July 03, 2023, till September 01, 2023.**

Her designation at the time of relieving was **Student Intern.**

We wish her success in all her future endeavors.

With Best Regards,

Tikoo Amit

Digitally signed by Tikoo Amit
DN: cn=Tikoo Amit, o=Siemens,
email=amit.tikoo@siemens.com
Date: 2023.09.18 18:29:53
+05'30'

For **Siemens Industry Software (India) Pvt. Ltd**

Amit Tikoo

Authorized Signatory

CC: Personnel File (Personnel Number: 650433)

2023 -2024



CERTIFICATE

This is to certify that the project report entitled

“MULTI-MODAL SATELLITE IMAGE REGISTRATION USING TRANSFER LEARNING”

Submitted by

STUDENT NAME	CNUM
SHRADDHA GHAGARE	C22020771817
SHRUTI LAKHE	C22020771834
DISHA MORYE	C22019881837
SRAVYA SRUSTI	C22019881862

are a bonafide student of this institute and their work has been carried out by her under the

supervision of Dr. Supriya Mangale and it is approved for the partial fulfilment of the requirement of Cummins College of Engineering for Women, Karve Nagar,

Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (E&TC Engineering)**.

(Dr. Supriya Mangale)

Internal Guide
Department of
E&TC engineering

(Dr. Sharada Ohatkar)

Head,
Department of
E&TC engineering

(Dr. M. B. Khambete)

Principal,
CCOEW
Pune - 52



CERTIFICATE

This is to certify that

Sejal Dilip Palde	C22020111212
Priti Sanjay Patil	C22020111218
Manasi Dattatray Giri	C22020771818
Gargi Pramod Saraf	C22020771853

have successfully completed the work on their PROJECT TOPIC

Tour Guide Application

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**

Internal Guide
[Prof.. Sharad Dube]

Head of the Department
[Dr.(Mrs.)Sharda Ohatkar]

Principal
[Dr.(Mrs.)M.B. Khambete]



August 4, 2023

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Ms. Harshal Rawlani** (Employee Code: 150826) was working in our organization from **May 22, 2023 to July 21, 2023**. She was working as “**Summer Intern**” and drawing an annual salary of **Rs. 480,000.00 /-** at the time of relieving.

Harshal has been relieved from the services of **Mastercard Technology Private Limited**, with the closing hours of business on **July 21, 2023**.

We wish her all the best in her future endeavors.

Yours faithfully,

A handwritten signature in blue ink and a circular purple stamp. The stamp contains the text "MASTER CARD TECHNOLOGY PRIVATE LIMITED" around the perimeter and "PUNE" in the center.

For: Mastercard Technology Private Limited

People_services@mastercard.com

Global Business Services Centre - HR Services

A PROJECT REPORT ON

HouseHero: A Digital Platform for Household Assistance

SUBMITTED TO THE CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR, PUNE

(an autonomous institute affiliated to Savitribai Phule Pune University.),

IN THE PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE AWARD OF THE DEGREE

OF

BACHELOR OF TECHNOLOGY (E&TC ENGINEERING)

SUBMITTED BY

STUDENT NAME	CNUM
HARSHAL RAWALANI	C22020771819
RUCHIKA MURADE	C22020771839
PRANEETHA NAVALI	C22020771844



DEPARTMENT OF E&TC ENGINEERING

MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN

KARVE NAGAR, PUNE 411052

2023 -2024



CERTIFICATE

This is to certify that the project report entitled

“HouseHero: A Digital Platform for Household Assistance”

Submitted by

HARSHAL RAWALANI	C22020771819	4819
RUCHIKA MURADE	C22020771839	4838
PRANEETHA NAVALI	C22020771844	4843

are a bonafide student of this institute and their work has been carried out by her under the

supervision of Prof.S.L.Sahare and it is approved for the

fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar,

Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (E&TC Engineering)**.

(Prof.S.L.Sahare)

Internal Guide
Department of
Engineering
E&TC engineering
- 52

(Dr. Sharada Ohatkar)

Head,
Department of
E&TC engineering

(Dr. M. B. Khambete)

Principal,
Cummins College of
for Women Pune

Place:Pune

Date:



August 2

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that Ms. Martina Hemani (Employee Code: 150818) was working in our organization from 22 May 2023 to 21 July 2023. She was working as Summer Intern and drawing an annual salary of Rs 480,000.00 /- at the time of relieving.

Martina has been relieved from the services of Mastercard Technology Private Limited, with the closing hours of business on 21 July 2023.

We wish her all the best in her future endeavors.

Yours faithfully,

A handwritten signature in blue ink that reads "D.A. Singh" is positioned to the left of a circular official stamp. The stamp is purple and contains the text "MASTERCARD TECHNOLOGY PRIVATE LIMITED" around the perimeter and "HR" in the center.

For: Mastercard Technology Private Limited

People_services@mastercard.com

Global Business Services Centre - HR Services

18th December 2023

TO WHOMSOEVER IT MAY
CONCERN

This is to certify that **Shravani Jagtap** the student of **MKSSS Cummins College of Engineering** 4th year of Electronics and Telecommunication Engineering. She worked on the project during her internship from 5 July 2023 to 29 December 2023. The project title given to her was "**Modular Data Logger**" at Atlas Copco, GECIA, Hinjewadi, during her internship tenure, under the guidance of Mr. Bhushan Dole, Team Leader, Embedded Systems Firmware, GECIA.

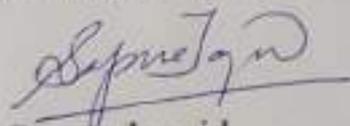
We wish all the best in her future endeavors.

Yours faithfully

Atlas Copco Group

Atlas Copco (India) Private Limited

[Formerly known as Atlas Copco (India) Limited



Sapna Jangid

HR Manager

Atlas Copco Group

Atlas Copco (India) Private Limited
(Formerly known as Atlas Copco (India) Limited)
Sreenagar, Dapodi,
Mumbai-Pune Road,
Pune - 411012,
Maharashtra, India.

Registered Office
Sreenagar, Dapodi,
Pune - 411012,
Maharashtra, India.

Telephone : +91 74149 66670
www.atlascopco.com/en-in
www.atlascopcogroup.com/en

Reach us @ 1800 120 110030
CIN : U27106PN1960PTC020586
PAN : AAACA4074D

CERTIFICATE

This is to certify that

Shrawani More C22020111204
Janhavi Dawkore C22020771822

have successfully completed the work on their PROJECT TOPIC

HOTEL BOOKING SYSTEM – WEST WINDS

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

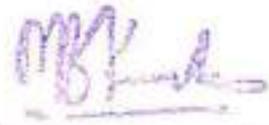
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr.Sachin Paranjape]



Head of the Department
[Dr.(Mrs.)Sharada Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

CERTIFICATE

This is to certify that

Nikita Bhagawan Jadhav	C22021112108
Snehal Satish Patil	C22020111221
Tejas Rajendra Joshi	C22020771823

have successfully completed the work on their **PROJECT TOPIC**

Methodology For Signal Analysis: ML Based Classification with Application to
Bio-Medical Signal

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

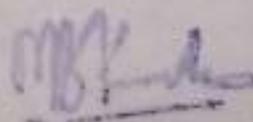
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Prof. (Mrs.) Rupali Pawar]



Head of the Department
[Dr. (Mrs.) Sharada Ohatkar]



Principal
[Dr. (Mrs.) M.B. Khambete]

AlgoAsylum

29 December 2023

To,
H.O.D., Dept. of E&T/C,
Cummins college of Engineering for Women,
Pune.

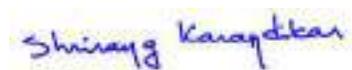
Dear Madam,

This is to certify that the Project titled 'Understanding the Attention Mechanism' is successfully completed during the Academic Year 2023-2024 by the following mentioned students of Cummins College of Engineering from E&T/C branch

- Anubha Chaware C22020111121
- Jyotika Mane C22020771824

The objective of the said project is fulfilled in all respects to our satisfaction.

Sincerely,



SHRIRANG K. KARANDIKAR,

Founder and CEO,
AlgoAsylum

CERTIFICATE

This is to certify that

Desai Ishika Vijaykumar	4814
Kamble Tanvi Santosh	4825
Kawadkar Simran Rajesh	4829
Shastri Rujuta Rajeshwar	4855

have successfully completed the work on their PROJECT TOPIC

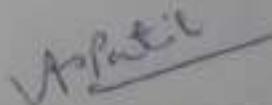
Intellectual Property Management Software for College IPR cell.

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .


Internal Guide

[(Prof.) (Dr.) (Mrs.) Anita Patil]


Head of the Department

[Dr. (Mrs.) Prachi Mulherji]


Principal

[Dr. (Mrs.) M.B. Khambete]



**SMARTLEAVEN
TECHNOLOGIES**
PRODUCT INNOVATION BY DEMAND

Date: 13th Dec 2023

Subject: Internship Completion Letter

We are glad to inform you that **Shruti Kapse** has successfully completed her internship at SmartLeaven Technologies Pvt Ltd from 01/06/2023 to 30/11/2023.

During her internship, she worked on an "ADAS object detection system" project.

We found her extremely inquisitive and hard working.

We wish her all the best in his future endeavors.

For SmartLeaven Technologies Pvt Ltd

Authorized Signatory
Vijay Khuspe
Director
SmartLeaven Technologies Pvt Ltd





Danfoss Technologies Pvt Ltd
Prince Infocity II, Unit No 1, 1st Floor,
283/3 & 283/4, Rajiv Gandhi Salai
(OMR), Kandanchavady, Perungudi,
Chennai 600 096, India

Toll Free : +91 8001009289
Fax : +91 44 6715 1000
Email : danfoss.india@danfoss.com
CIN : U74999TN2020PTC136283
PAN : AAHCD8246K
GST : 33AAHCD8246K1ZE

Date: 10/01/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that: **Ms. Shruti Kasar**, Studying B.Tech, Electronics and Telecommunication Engineering, MKSSS's Cummins College of Engineering for Women, Pune (Maharashtra). She completed Internship with Danfoss Technologies Pvt Ltd for a period from **10-Jul-2023** to **10-Jan-2024** under the mentorship of **Mr. Vinayak Joshi**.

She has successfully completed the Internship and her Mentor was very impressed by her performance.

For Danfoss Technologies Private Limited

Laisa Jinan
Regional Head of HR, India.

CORRESPONDENCE OFFICE:

Plot A-19x2, SIPCOT Industrial Growth Center, Oragadam Village, Sripurambudur Taluk, Kanchiipuram District – 602105, Tamil Nadu, INDIA.
Tel : +91 44 67151000



CERTIFICATE

This is to certify that the project report entitled

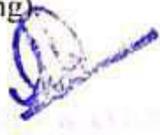
WEB APPLICATION DEVELOPMENT FOR WASTE FOOD MANAGEMENT – “FOOD HARVEST”

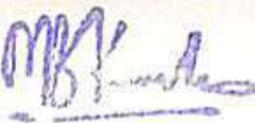
Submitted by

ASHLESHA KATEPALLEWAR	C22020771828	4828
ANJALI KAWARE	C22020771830	4830
SANIKA THITE	C22020771864	4862
SAKSHI SURYAWANSH	C22021772803	4871

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Nitin Palan and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology** (Electronics and Telecommunication Engineering).


(Dr. Nitin Palan)
Guide
Department of Electronics
And Telecommunication
Engineering


(Dr. Sharada Ohatkar)
Head,
Department of Electronics
and Telecommunication
Engineering


(Dr. M. B. Khambete)
Principal,
Cummins College of Engineering for Women Pune – 52

Place : Pune
Date : 05/01/2024

CERTIFICATE

This is to certify that

Desai Ishika Vijaykumar	4814
Kamble Tanvi Santosh	4825
Kawadkar Simran Rajesh	4829
Shastri Rujuta Rajeshwar	4855

have successfully completed the work on their PROJECT TOPIC

Intellectual Property Management Software for College IPR cell.

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .


Internal Guide

[(Prof.) (Dr.) (Mrs.) Anita Patil]


Head of the Department

[Dr. (Mrs.) Prachi Mulherji]


Principal

[Dr. (Mrs.) M.B. Khambete]



CERTIFICATE

This is to certify that the project report entitled

WEB APPLICATION DEVELOPMENT FOR WASTE FOOD MANAGEMENT – “FOOD HARVEST”

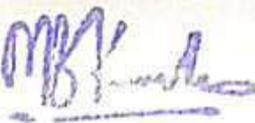
Submitted by

ASHLESHA KATEPALLEWAR	C22020771828	4828
ANJALI KAWARE	C22020771830	4830
SANIKA THITE	C22020771864	4862
SAKSHI SURYAWANSH	C22021772803	4871

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Nitin Palan and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology** (Electronics and Telecommunication Engineering).


(Dr. Nitin Palan)
Guide
Department of Electronics
And Telecommunication
Engineering


(Dr. Sharada Ohatkar)
Head,
Department of Electronics
and Telecommunication
Engineering


(Dr. M. B. Khambete)
Principal,
Cummins College of Engineering for Women Pune – 52

Place : Pune
Date : 05/01/2024



Certificate of Internship

To: Whomsoever It May Concern

This is to certify that **Ms.Khyati Singh**, Student of **Cummins College of Engineering**, was pursuing the internship from **1st Aug 2023 to 22nd December 2023** in **Whirlpool Of India Ltd. GTEC, Pune** under the GBS department.

She has successfully completed the internship project under the guidance of "**Mr.Sandip Kardile**"

'We at Whirlpool wish you all the best in your future endeavors'.

Note: Data used for the project is confidential and cannot publish anywhere

For Whirlpool of India Ltd,

Manish Gupta

Senior Manager - Compensation & Benefits

WHIRLPOOL OF INDIA LIMITED

CIN : L29191PN1960PLC020063

INTERNATIONAL TECH PARK PUNE KHARADI, 02ND & 03RD FLOOR, WING 1, BLOCK 1, GRANT ROAD, KHARADI, TALUKA HAVELI, PUNE - 411014. TEL (+91 20) 66056100
REGD. OFFICE : PLOT NO. A-4, M.I.D.C., RANJANGAON, TAL. SHIRUR, DIST. PUNE-412 220. INDIA. TEL: (+91 2138) 660100, FAX: (+91 2138) 232379 / 232229

WEBSITE: www.whirlpoolindia.com | Email: hr@whirlpoolindia.com | careers@whirlpoolindia.com



Date: **September 04, 2023**

Experience Certificate

This is to certify that **Shruti Lakhe** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **July 03, 2023, till September 01, 2023.**

Her designation at the time of relieving was **Student Intern.**

We wish her success in all her future endeavors.

With Best Regards,

For **Siemens Industry Software (India) Pvt. Ltd**

Potekar Lalita Digitally signed
by Potekar Lalita
Date: 2023.09.04
19:53:18 +05'30'

Lalita Potekar

Specialist – Human Resources

CC: Personnel File (Personnel Number: 650360)

2023 -2024



CERTIFICATE

This is to certify that the project report entitled

“MULTI-MODAL SATELLITE IMAGE REGISTRATION USING TRANSFER LEARNING”

Submitted by

STUDENT NAME	CNUM
SHRADDHA GHAGARE	C22020771817
SHRUTI LAKHE	C22020771834
DISHA MORYE	C22019881837
SRAVYA SRUSTI	C22019881862

are a bonafide student of this institute and their work has been carried out by her under the

supervision of Dr. Supriya Mangale and it is approved for the partial fulfilment of the requirement of Cummins College of Engineering for Women, Karve Nagar,

Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (E&TC Engineering)**.

(Dr. Supriya Mangale)

Internal Guide
Department of
E&TC engineering

(Dr. Sharada Ohatkar)

Head,
Department of
E&TC engineering

(Dr. M. B. Khambete)

Principal,
CCOEW
Pune - 52



Defence R & D Organisation Dighi, Pune 411 015

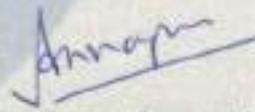


STUDENT PROJECT COMPLETION CERTIFICATE

This is to certify that **Ms. Prachi Sunil Majgaokar**, a student of **MKSSS's Cummins College of Engineering, Pune** has undergone project as part of B. Tech (Electronics and Telecommunication) under the guidance of Ms. Annapurna Agrawal, Scientist 'F' at **Research & Development Establishment (Engineers), Dighi, Pune - 411015** from **01st July 2023 to 31st Dec 2023** during the academic year **2023-2024**. She has successfully contributed in project assignment titled **"Audio Perception for Robotics Application"** within stipulated time and submitted the report of the same in fulfillment of the requirements for the Project.

Date: 03 Apr 2024

Place: Pune-411015


Ms. Annapurna Agrawal, Sc 'F'

Project Guide



COUNTER-SIGNED

(Jagat Prakash Singh, Sc 'F')

Group Head IMSG

R&DE(ENGRS), DIGHI, PUNE-15

CERTIFICATE

This is to certify that

(Student names) (alongwith C. Nos.)

Sayali Vijay Gajankush	C22020771816
Prajakta Siddodhan Mokale	C22020771836
Anjali Pandit Vhanmane	C22020771866
Priyanka Balaso Kumbhar	C22021772806

have successfully completed the work on their PROJECT TOPIC

PCB DEFECT DETECTION

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

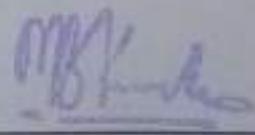
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Prof.M.S.Patankar]



Head of the Department
[Dr.(Mrs.) Sharda Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

2023 -2024



CERTIFICATE

This is to certify that the project report entitled

“MULTI-MODAL SATELLITE IMAGE REGISTRATION USING TRANSFER LEARNING”

Submitted by

STUDENT NAME	CNUM
SHRADDHA GHAGARE	C22020771817
SHRUTI LAKHE	C22020771834
DISHA MORYE	C22019881837
SRAVYA SRUSTI	C22019881862

are a bonafide student of this institute and their work has been carried out by her under the

supervision of Dr. Supriya Mangale and it is approved for the partial fulfilment of the requirement of Cummins College of Engineering for Women, Karve Nagar,

Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (E&TC Engineering)**.

(Dr. Supriya Mangale)

Internal Guide
Department of
E&TC engineering

(Dr. Sharada Ohatkar)

Head,
Department of
E&TC engineering

(Dr. M. B. Khambete)

Principal,
CCOEW
Pune - 52

Comparative Analysis of Smith Waterman Algorithm on CPU and FPGA



CERTIFICATE

This is to certify that

Chaitali Muley C22020771838

Shreya Wazarkar C22020771869

Shruti Nimbalkar C22020551745

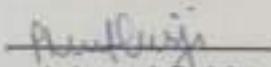
Have successfully completed the work on their Project Topic
**COMPARATIVE ANALYSIS OF SMITH WATERMAN ALGORITHM
ON CPU AND FPGA**

in partial fulfilment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
TELECOMMUNICATION ENGINEERING OF SAVITRIBAI PHULE, PUNE
UNIVERSITY,**

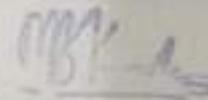
in

**M.K.S.S.S's CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR, PUNE - 411052.**


Internal Guide
[Dr. Prachi Mukherji]


Internal Guide
[Dr. Seema Rajput]


Head of the Department
[Dr. Sharada Ohatkar]


Principal
[Dr. M.B. Khambete]



Date: December 19, 2023

Experience Certificate

This is to certify that **Ruchika Murade** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **July 03, 2023, till August 31, 2023.**

Her designation at the time of relieving was **Student Intern.**

We wish her success in all her future endeavors.

With Best Regards,

For **Siemens Industry Software (India) Pvt. Ltd**

Agarwal
Akansha

Digitally signed by
Agarwal Akansha
Date: 2023.12.19
17:00:04 +05'30'

Akansha Agarwal
Authorized Signatory

CC: Personnel File (Personnel Number: 650311)

Siemens Industry Software (India) Pvt. Ltd.

Regd. Office : E-20, 1st & 2nd Floor, Hauz Khas, New Delhi - 110016, India

Corporate Identity Number U12500DL1998 PTCO94315

Tower C, Survey No. 21,
Panchshil business park
Belewadi, Pune 411045

Phone +91 20 46882000
Fax +91 20 46882001

www.siemens.co.in/plm
indiamarketing.plm@siemens.com

A PROJECT REPORT ON

HouseHero: A Digital Platform for Household Assistance

SUBMITTED TO THE CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR, PUNE

(an autonomous institute affiliated to Savitribai Phule Pune University.),

IN THE PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE AWARD OF THE DEGREE

OF

BACHELOR OF TECHNOLOGY (E&TC ENGINEERING)

SUBMITTED BY

STUDENT NAME	CNUM
HARSHAL RAWALANI	C22020771819
RUCHIKA MURADE	C22020771839
PRANEETHA NAVALI	C22020771844



DEPARTMENT OF E&TC ENGINEERING

MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN

KARVE NAGAR, PUNE 411052

2023 -2024



CERTIFICATE

This is to certify that the project report entitled

“HouseHero: A Digital Platform for Household Assistance”

Submitted by

HARSHAL RAWALANI	C22020771819	4819
RUCHIKA MURADE	C22020771839	4838
PRANEETHA NAVALI	C22020771844	4843

are a bonafide student of this institute and their work has been carried out by her under the

supervision of Prof.S.L.Sahare and it is approved for the

fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar,

Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (E&TC Engineering)**.

(Prof.S.L.Sahare)

Internal Guide
Department of
Engineering
E&TC engineering
- 52

(Dr. Sharada Ohatkar)

Head,
Department of
E&TC engineering

(Dr. M. B. Khambete)

Principal,
Cummins College of
for Women Pune

Place:Pune

Date:

Microsoft India (R&D) Pvt. Ltd
Prestige Ferns Galaxy
Survey No, 7/1, 7/2 & 8/1A
Ambalipura Village, Varthur Hobli
Outer Ring Road, Bengaluru 560103



Tel + 91-80-61772000
<http://www.microsoft.com/india>

21-Jul-23

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Naina Dhingra** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Aritra Basu (Arbas) and Kumareshan P (Kup).

We wish her all the best in her future endeavors.

Yours Sincerely,
For Microsoft India (R&D) Pvt. Ltd

A handwritten signature in blue ink that reads "Ira Gupta".

Ira Gupta
SR GEO HR DIRECTOR

A handwritten signature in blue ink that reads "Ira Gupta".

Signature of Candidate

Microsoft India (R&D) Pvt. Ltd.

CERTIFICATE

This is to certify that

Vaibhavi Meshram C22020111264
Avantika Ambulgekar C22020771804
Avanti Yadav C22020771806
Trupti Nale C22020771842

have successfully completed the work on their **PROJECT TOPIC**

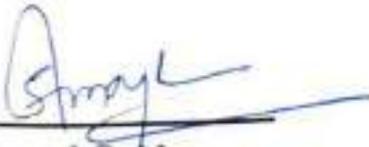
Advancing Face Liveness Detection in Real-Time: A MobileNetV2 Model with Depth as a Parameter

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide

[Dr. (Mrs) Supriya Mangale]



Head of the Department

[Dr. (Mrs.) Sharada Ohatkar]



Principal

[Dr. (Mrs.) M.B. Khambete]

To,
Dr. Sharada Ohatkar
HOD, Electronics and Telecommunications Dept
Cummins College of Engineering for Women
Karvenagar, Pune - 411052

Vidya Munde-Müller
Givetastic

Langer Anger 113
69115 Heidelberg

28.12.2023

Subject: Completion Letter for B.Tech Internship

Dear Madam,

This letter is to confirm that **Poorva Nande** (ID: C22020771843) from Cummins College of Engineering for Women, Pune has successfully completed her six-month internship (02.June - 04.Dec 2023) at Givetastic, Germany.

Title of the project: Mindful Buying Web App (Germany Edition)

Subject area of the project: AI / ML / Analytics and Software Dev.

As a full-stack developer, Poorva contributed significantly to this project, utilizing a robust tech stack comprising MongoDB, Angular, Node.js, Flask, LightGBM and Docker. Her role in the project was under the guidance of Mrs. Vidya Munde-Müller, CEO of Givetastic, and she also benefited from the expertise of external technical mentors like Avaré Stewart, Ritesh Sharma and Constantin Roudsarabi.

Poorva's dedication, innovative mindset, and commitment to excellence were apparent in every aspect of her work. Her contribution to the Mindful Buying App not only advanced our technical capabilities but also aligned perfectly with our mission of promoting sustainable living practices. I am confident that she will carry this same level of expertise and passion into any future endeavours she pursues.



Vidya Munde-Müller

CEO & Founder, Givetastic

<https://www.givetastic.org/>

JPMC Employee ID: F741031

2 August 2023

To Whom It May Concern

Dear Sir/Madam,

Re: Ms Praneetha Navali - Confirmation of Employment Details

This letter is to certify the below details for Ms Praneetha Navali, PAN CIOPN9017N

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 5 June 2023
Last Date of Employment	: 28 July 2023
Position	: Summer Intern
Department	: Asset & Wealth Management

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact referencing_team@jpmchase.com.

Yours faithfully,



Siddharth Taneja
Vice President
Human Resources

A PROJECT REPORT ON

HouseHero: A Digital Platform for Household Assistance

SUBMITTED TO THE CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR, PUNE

(an autonomous institute affiliated to Savitribai Phule Pune University.),

IN THE PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE AWARD OF THE DEGREE

OF

BACHELOR OF TECHNOLOGY (E&TC ENGINEERING)

SUBMITTED BY

STUDENT NAME	CNUM
HARSHAL RAWALANI	C22020771819
RUCHIKA MURADE	C22020771839
PRANEETHA NAVALI	C22020771844



DEPARTMENT OF E&TC ENGINEERING

MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN

KARVE NAGAR, PUNE 411052

2023 -2024



CERTIFICATE

This is to certify that the project report entitled

“HouseHero: A Digital Platform for Household Assistance”

Submitted by

HARSHAL RAWALANI	C22020771819	4819
RUCHIKA MURADE	C22020771839	4838
PRANEETHA NAVALI	C22020771844	4843

are a bonafide student of this institute and their work has been carried out by her under the

supervision of Prof.S.L.Sahare and it is approved for the

fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar,

Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (E&TC Engineering)**.

(Prof.S.L.Sahare)

Internal Guide
Department of
Engineering
E&TC engineering
- 52

(Dr. Sharada Ohatkar)

Head,
Department of
E&TC engineering

(Dr. M. B. Khambete)

Principal,
Cummins College of
for Women Pune

Place:Pune

Date:



Certificate of Internship

To: Whomsoever It May Concern

This is to certify that **Ms. Ojasvi Tummala**, student of **Cummins College of Engineering**, was pursuing the internship from **1st Aug 2023 to 22nd December 2023** in **Whirlpool Of India Ltd. GTEC, Pune** under the **EESI** department.

She has successfully completed the internship project under the guidance of "**Mr. Ajay Mazire**".

'We at Whirlpool wish you all the best in your future endeavors'.

Note: Data used for the project is confidential and cannot publish anywhere

For Whirlpool of India Ltd.

Manish Gupta

Senior Manager - Compensation & Benefits

WHIRLPOOL OF INDIA LIMITED

CIN : L29191PN1960PLC020053

INTERNATIONAL TECH PARK PUNE KHARADI, G2ND & G3RD FLOOR, WING 1, BLOCK 1, GRANT ROAD, KHARADI, TALUKA HAVELI, PUNE - 411014. TEL: (+91 20) 66056100

REGD. OFFICE : PLOT NO. A-4, M.I.D.C., RANJANGAON, TAL. SHIRUR, DIST. PUNE-412220. INDIA. TEL: (+91 2138) 660100. FAX: (+91 2138) 232379 / 232229

WEBSITE: www.whirlpoolindia.com | Email: info_india@whirlpool.com

Completion Certificate



Digi Palette
Market Your Business Smarter!

✉ sakshirajput811@gmail.com

To,

The H.O.D of Electronics & Telecommunication Engineering,

Cummins College of Engineering

Karve Nagar Pune, Maharashtra, 411052

Subject: Sponsorship Company Project work

This is to certify that the project titled "DEVELOPING AN E-COMMERCE WEBSITE FOR PERSONALIZED GIFT SHOP" successfully completed during the academic year 2022-2023, by the following mentioned students of Cummins College of Engineering from E&TC branch.

Names of the Students	Roll No.
1. Tanvi Pawar	4224
2. Sakshi Pise	4229
3. Srushti Harale	4271
4. Vaibhavi Panse	4844

Students of MKSSS Cummins College of Engineering, Pune are doing their B.Tech Sponsored Project with Digi-Palette from 01/07/2023 to 01/01/2024. As part of their curriculum. Objective of the said project is fulfilled in all respects to our satisfaction.

We wish you every one success in life!

Thank You.

S. Rajput

11-Dec-2023

CERTIFICATE OF INTERNSHIP

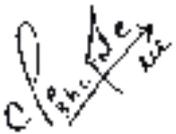
This certificate is proudly Awarded to

Ms. Aishwarya Pawar,

for her outstanding completion of her internship program at **Fineshift Software Private Limited** for the role of **DevOps intern** under the guidance of **Mr. Dnyaneshwar Kawathekar** for the period from **01 Jun 2023 to 01 Dec 2023**. She was found to be hardworking, sincere and diligent.

We wish her success in her future endeavors.

For Fineshift Software Private Limited



(HR Manager)





CERTIFICATE

This is to certify that the project report entitled

“**ANDROID APPLICATION DEVELOPMENT USING FLUTTER FOR SMALL BUSINESSES -CARRYIT**”

Submitted by

ADITI TAWALE	C22020771802
POOJA BANSODE	C22020771850
VAISHNAVI UPADHYAY	C22020771865

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Mahesh Pote and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University), for the award of the degree of **Bachelor of Technology** (Electronics and Telecommunication Engineering).

(Dr. Mahesh Pote)
Guide
Department of Electronics
and Telecommunication
Engineering

(Dr. Sharda Ohatkar)
Head
Department of Electronics
and Telecommunication
Engineering

(Dr. M. B. Khambete)
Principal
Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 04/01/2024



CERTIFICATE

This is to certify that

Apoorva Karande	C22020111150
Shraddha Raskar	C22020771851
Preeti Raut	C22020771852

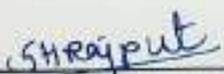
Have successfully completed the work on their PROJECT TOPIC

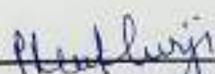
AN INNOVATIVE APPROACH TO DNA SEQUENCE COMPRESSION FOR
ENHANCED COMPACTION AND IMPLEMENTATION OF HUFFMAN
ENCODER IN VERILOG

in partial fulfilment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE, PUNE UNIVERSITY,**

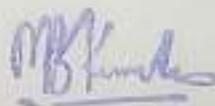
in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR, PUNE - 411052.**


Internal Guide
[Dr. Seema Rajput]


Internal Guide
[Dr. Prachi Mukherji]


Head of the Department
[Dr. Sharada Ohatkar]


Principal
[Dr. M.B. Khambete]



CERTIFICATE

This is to certify that

Apoorva Karande	C22020111150
Shraddha Raskar	C22020771851
Preeti Raut	C22020771852

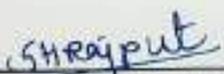
Have successfully completed the work on their PROJECT TOPIC

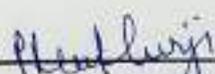
AN INNOVATIVE APPROACH TO DNA SEQUENCE COMPRESSION FOR
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**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE, PUNE UNIVERSITY,**

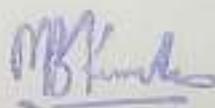
in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR, PUNE - 411052.**


Internal Guide
[Dr. Seema Rajput]


Internal Guide
[Dr. Prachi Mukherji]


Head of the Department
[Dr. Sharada Ohatkar]


Principal
[Dr. M.B. Khambete]



CERTIFICATE

This is to certify that

Sejal Dilip Palde	C22020111212
Priti Sanjay Patil	C22020111218
Manasi Dattatray Giri	C22020771818
Gargi Pramod Saraf	C22020771853

have successfully completed the work on their PROJECT TOPIC

Tour Guide Application

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**

Internal Guide
[Prof.. Sharad Dube]

Head of the Department
[Dr.(Mrs.)Sharda Ohatkar]

Principal
[Dr.(Mrs.)M.B. Khambete]



CERTIFICATE OF INTERNSHIP

This certificate is proudly presented to

Aparajita Sarkar

Congratulations on successfully completing the
Extensible Knowledge Graph - Domain Ontology Support

From 25 May 2023 to 15 July 2023 at

Pune Technology Center

A handwritten signature in dark blue ink, appearing to read 'Rashmi', is positioned above a horizontal line.

Rashmi Kumat

Pune Technology Center Manager



A handwritten signature in dark blue ink, appearing to read 'Shamecka', is positioned above a horizontal line.

Shamecka Ferrandis

Technology Center HR Manager

CERTIFICATE

This is to certify that

Aishwarya Kandalkar C22020771803

Aparajita Sarkar C22020771854

have successfully completed the work on their PROJECT TOPIC

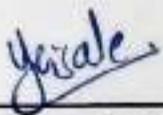
Automated Question Generation

in partial fulfilment for the award of the degree of

**Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING Of SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR, PUNE - 411052 .**



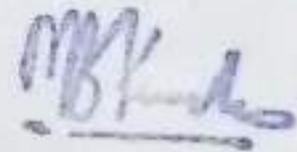
Internal Guide

[Prof (Mrs) Vidya Sisale]



Head of the Department

[Dr (Mrs) Sharada Ohatkar]



Principal

[Dr (Mrs) M.B. Khambete]



Internship Completion and Experience Letter

Date: January 5, 2023

To,

Bhakti Shah

This is to certify that Bhakti Shah has worked with Avalara Technologies Pvt. Ltd. as an Engineering Intern with below details.

Workday ID: 19320

Local ID: 1204

Internship Start Date: July 3, 2023

Internship End Date: December 29, 2023

We thank her for her contributions towards Avalara Technologies Pvt. Ltd.

For Avalara Technologies Pvt. Ltd.

A handwritten signature in black ink, appearing to read "N. Krishna Priya", with a horizontal line underneath the name.

Krishna Priya Nambudiri
Senior Director - HR

Avalara Technologies Private Limited

Registered office : 7th Floor, Amar Sadanand Tech Park, Plot No. 3, Survey No. 105, Baner, Pune - 411 045, Maharashtra, India.
Phone No : 020 68177200 | www.avalara.com | CIN U72900PN2006PTC021886

CERTIFICATE

This is to certify that

Maithili Shaiv - C22020771856

Amrita Shinde - C22020771858

Dipashree Wani - C22020771868

Nikita Patil - C22021772808

have successfully completed the work on their **PROJECT TOPIC**

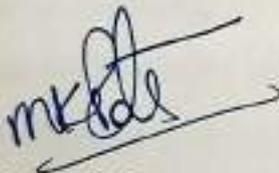
AEROCAST APPLICATION WITH AIR QUALITY, WEATHER & NEWS UPDATES

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
TELECOMMUNICATION ENGINEERING OF SAVITRIBAI PHULE
PUNE UNIVERSITY,**

in

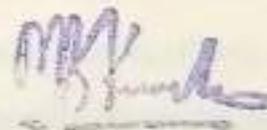
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Dr. Mahesh Pote
Internal Guide



Dr. Sharada Ohatkar
Head of the Department



Dr. M.B. Khambete
Principal

CERTIFICATE

This is to certify that

Desai Ishika Vijaykumar	4814
Kamble Tanvi Santosh	4825
Kawadkar Simran Rajesh	4829
Shastri Rujuta Rajeshwar	4855

have successfully completed the work on their PROJECT TOPIC

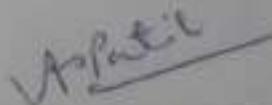
Intellectual Property Management Software for College IPR cell.

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .


Internal Guide

[(Prof.) (Dr.) (Mrs.) Anita Patil]


Head of the Department

[Dr. (Mrs.) Prachi Mulherji]


Principal

[Dr. (Mrs.) M.B. Khambete]

CERTIFICATE

This is to certify that

Maithili Shaiv - C22020771856

Amrita Shinde - C22020771858

Dipashree Wani - C22020771868

Nikita Patil - C22021772808

have successfully completed the work on their **PROJECT TOPIC**

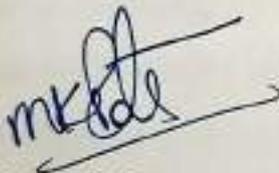
AEROCAST APPLICATION WITH AIR QUALITY, WEATHER & NEWS UPDATES

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
TELECOMMUNICATION ENGINEERING OF SAVITRIBAI PHULE
PUNE UNIVERSITY,**

in

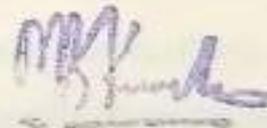
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Dr. Mahesh Pote
Internal Guide



Dr. Sharada Ohatkar
Head of the Department



Dr. M.B. Khambete
Principal

AxoNet Emsys Pvt. Ltd.

CERTIFICATE OF INTERNSHIP

THIS IS TO CERTIFY THAT

Shivani Shinde

Has successfully completed the
AxoNet Semester Internship Program 2023
Duration : 1st July 2023 to 31st December 2023

Ajay Nagarkar

AJAY NAGARKAR

Director





August 4, 2023

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Ms. Sravya Srusti** (Employee Code: 150547) was working in our organization from **May 22, 2023 to June 21, 2023**. She was working as “**Summer Intern**” and drawing an annual salary of **Rs. 480,000.00 /-** at the time of relieving.

Sravya has been relieved from the services of **Mastercard Technology Private Limited**, with the closing hours of business on **June 21, 2023**.

We wish her all the best in her future endeavors.

Yours faithfully,



For: Mastercard Technology Private Limited

People_services@mastercard.com

Global Business Services Centre - HR Services

2023 -2024



CERTIFICATE

This is to certify that the project report entitled

“MULTI-MODAL SATELLITE IMAGE REGISTRATION USING TRANSFER LEARNING”

Submitted by

STUDENT NAME	CNUM
SHRADDHA GHAGARE	C22020771817
SHRUTI LAKHE	C22020771834
DISHA MORYE	C22019881837
SRAVYA SRUSTI	C22019881862

are a bonafide student of this institute and their work has been carried out by her under the

supervision of Dr. Supriya Mangale and it is approved for the partial fulfilment of the requirement of Cummins College of Engineering for Women, Karve Nagar,

Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (E&TC Engineering)**.

(Dr. Supriya Mangale)

Internal Guide
Department of
E&TC engineering

(Dr. Sharada Ohatkar)

Head,
Department of
E&TC engineering

(Dr. M. B. Khambete)

Principal,
CCOEW
Pune - 52



This is to certify that

- 1.Sanjyoti Jagdale C22020111142
- 2.Manasi Kole C22020111154
- 3.Anisha Tapadia C22020771863

have successfully completed the work on their PROJECT TOPIC
College Fest Net

in partial fulfillment for the award of the degree of
Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVE NAGAR ,
PUNE - 411052 .

Internal Guide
Prof.Pallavi Ghatkamble

Head of the Department
Dr. Sharada Ohatkar

Principal
Dr.M.B. Khambete



CERTIFICATE

This is to certify that the project report entitled

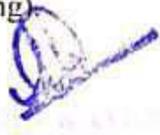
WEB APPLICATION DEVELOPMENT FOR WASTE FOOD MANAGEMENT – “FOOD HARVEST”

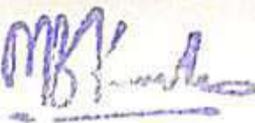
Submitted by

ASHLESHA KATEPALLEWAR	C22020771828	4828
ANJALI KAWARE	C22020771830	4830
SANIKA THITE	C22020771864	4862
SAKSHI SURYAWANSH	C22021772803	4871

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Nitin Palan and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology** (Electronics and Telecommunication Engineering).


(Dr. Nitin Palan)
Guide
Department of Electronics
And Telecommunication
Engineering


(Dr. Sharada Ohatkar)
Head,
Department of Electronics
and Telecommunication
Engineering


(Dr. M. B. Khambete)
Principal,
Cummins College of Engineering for Women Pune – 52

Place : Pune
Date : 05/01/2024



CERTIFICATE

This is to certify that the project report entitled

“ANDROID APPLICATION DEVELOPMENT USING FLUTTER FOR SMALL BUSINESSES -CARRYIT”

Submitted by

ADITI TAWALE	C22020771802
POOJA BANSODE	C22020771850
VAISHNAVI UPADHYAY	C22020771865

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Mahesh Pote and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University), for the award of the degree of **Bachelor of Technology** (Electronics and Telecommunication Engineering).

(Dr. Mahesh Pote)
Guide
Department of Electronics
and Telecommunication
Engineering

(Dr. Sharda Ohatkar)
Head
Department of Electronics
and Telecommunication
Engineering

(Dr. M. B. Khambete)
Principal
Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 04/01/2024

CERTIFICATE

This is to certify that

(Student names) (alongwith C. Nos.)

Sayali Vijay Gajankush	C22020771816
Prajakta Siddodhan Mokale	C22020771836
Anjali Pandit Vhanmane	C22020771866
Priyanka Balaso Kumbhar	C22021772806

have successfully completed the work on their PROJECT TOPIC

PCB DEFECT DETECTION

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

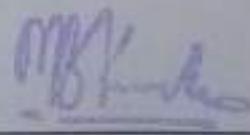
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Prof.M.S.Patankar]



Head of the Department
[Dr.(Mrs.) Sharda Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

CERTIFICATE

This is to certify that

Maithili Shaiv - C22020771856

Amrita Shinde - C22020771858

Dipashree Wani - C22020771868

Nikita Patil - C22021772808

have successfully completed the work on their **PROJECT TOPIC**

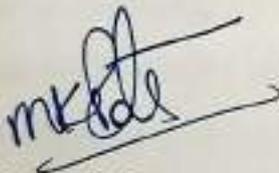
AEROCAST APPLICATION WITH AIR QUALITY, WEATHER & NEWS UPDATES

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
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PUNE UNIVERSITY,**

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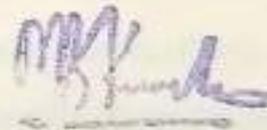
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Dr. Mahesh Pote
Internal Guide



Dr. Sharada Ohatkar
Head of the Department



Dr. M.B. Khambete
Principal

Comparative Analysis of Smith Waterman Algorithm on CPU and FPGA



CERTIFICATE

This is to certify that

Chaitali Muley C22020771838

Shreya Wazarkar C22020771869

Shruti Nimbalkar C22020551745

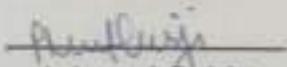
Have successfully completed the work on their Project Topic
**COMPARATIVE ANALYSIS OF SMITH WATERMAN ALGORITHM
ON CPU AND FPGA**

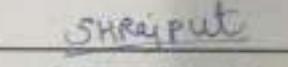
in partial fulfilment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND
TELECOMMUNICATION ENGINEERING OF SAVITRIBAI PHULE, PUNE
UNIVERSITY,**

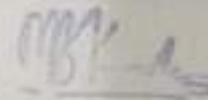
in

**M.K.S.S.S's CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR, PUNE - 411052.**


Internal Guide
[Dr. Prachi Mukherji]


Internal Guide
[Dr. Seema Rajput]


Head of the Department
[Dr. Sharada Ohatkar]


Principal
[Dr. M.B. Khambete]

Comparative Analysis of Smith Waterman Algorithm on CPU and FPGA



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This is to certify that

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Shreya Wazarkar C22020771869

Shruti Nimbalkar C22020551745

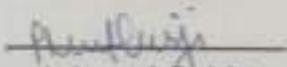
Have successfully completed the work on their Project Topic
**COMPARATIVE ANALYSIS OF SMITH WATERMAN ALGORITHM
ON CPU AND FPGA**

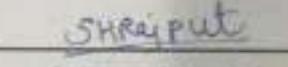
in partial fulfilment for the award of the degree of

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TELECOMMUNICATION ENGINEERING OF SAVITRIBAI PHULE, PUNE
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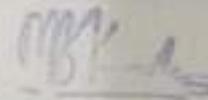
in

**M.K.S.S.S's CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR, PUNE - 411052.**


Internal Guide
[Dr. Prachi Mukherji]


Internal Guide
[Dr. Seema Rajput]


Head of the Department
[Dr. Sharada Ohatkar]


Principal
[Dr. M.B. Khambete]



Defence R & D Organisation Dighi, Pune 411 015



STUDENT PROJECT COMPLETION CERTIFICATE

This is to certify that **Ms. Pranita Pramod Mohite**, a student of **MKSSS's Cummins College of Engineering, Pune** has undergone project as part of B. Tech (Electronics and Telecommunication) under the guidance of **Ms. Annapurna Agrawal, Scientist 'F'** at **Research & Development Establishment (Engineers), Dighi, Pune - 411015** from **01st July 2023 to 31st Dec 2023** during the academic year **2023-2024**. She has successfully contributed in project assignment titled **"Audio Perception for Robotics Application"** within stipulated time and submitted the report of the same in fulfillment of the requirements for the Project.

Date: 03 Apr 2024

Place: Pune-411015


Ms. Annapurna Agrawal, Sc 'F'

Project Guide


COUNTER-SIGNED

(Jagat Prakash Singh, Sc 'F')

Group Head IMSG

R&DE(ENGRS), DIGHI, PUNE-15

CERTIFICATE

This is to certify that
Rajput Mrunal Satish C22020111235
Yerule Shraddha Shivanand C22020111269
Nichale Akshata Dattaprasad C22021772802

have successfully completed the work on their PROJECT

TOPIC

YOUUnion: Empowering Platform for daily wage workers

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,PUNE - 411052 .**

Internal Guide

1. Dr. Makarand Velankar

2. Dr. Megha Borse

Head of the Department

Dr.(Mrs.)Sharada Ohatkar

Principal

Dr.(Mrs.)M.B. Khambete



CERTIFICATE

This is to certify that the project report entitled

WEB APPLICATION DEVELOPMENT FOR WASTE FOOD MANAGEMENT – “FOOD HARVEST”

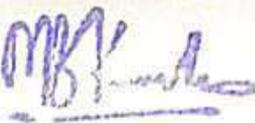
Submitted by

ASHLESHA KATEPALLEWAR	C22020771828	4828
ANJALI KAWARE	C22020771830	4830
SANIKA THITE	C22020771864	4862
SAKSHI SURYAWANSH	C22021772803	4871

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Nitin Palan and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology** (Electronics and Telecommunication Engineering).


(Dr. Nitin Palan)
Guide
Department of Electronics
And Telecommunication
Engineering


(Dr. Sharada Ohatkar)
Head,
Department of Electronics
and Telecommunication
Engineering


(Dr. M. B. Khambete)
Principal,
Cummins College of Engineering for Women Pune – 52

Place : Pune
Date : 05/01/2024



Defence R & D Organisation
Dighi, Pune 411 015

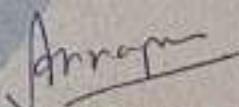
75
आज़ादी का
अमृत महोत्सव

STUDENT PROJECT COMPLETION CERTIFICATE

This is to certify that **Ms. Anjali Bhaskar Dolas**, a student of
MKSSS's Cummins College of Engineering, Pune
has undergone project as part of B. Tech (Electronics and Telecommunication)
under the guidance of Ms. Annapurna Agrawal, Scientist 'F' at
Research & Development Establishment (Engineers), Dighi, Pune - 411015
from **01st July 2023 to 31st Dec 2023** during the academic year **2023-2024**.
She has successfully contributed in project assignment titled
"Audio Perception for Robotics Application"
within stipulated time and submitted the report of the same in
fulfillment of the requirements for the Project.

Date: 03 Apr 2024

Place: Pune-411015


Ms. Annapurna Agrawal, Sc 'F'
Project Guide



COUNTER-SIGNED

(Jagat Prakash Singh, Sc 'F')

Group Head IMSG

R&DE(ENGRS), DIGHI, PUNE-15

Ref: SBD / Intern / GEC - Engineering - GTS/2023-2024

Date: 10th January 2024

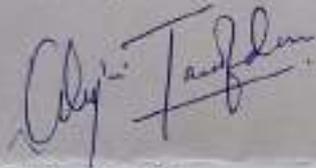
To,
Cummins College of Engineering for Women,
Pune.

This is to certify that **Ms. Anjali Omprakash Sharma** (Reg No.C22021772805) of 7th semester **B. Tech - Electronics and Telecommunication**, has successfully completed the internship within **Stanley Black and Decker - Global Engineering Center**, under the guidance of Tools & Outdoor business unit for the period of six months, from **10th July 2023 till 10th January 2024**.

We wish her success in all her future endeavours.

Thanking You.

For **Stanley Black & Decker, India Pvt Ltd.**



Debjani Tarafdar
Senior Manager – Human Resources

Stanley Black & Decker India Private Limited
(Formerly known as Stanley Black & Decker India Limited)

Registered Office: Gat No. 135, 136 & 157 P.O. Mahalunge, Chakan-Talegaon Road, Tal. Khed, District Pune - 410 501, India.

Tel: +91 02135 - 671800, Fax: +91 02135 - 671801 (CIN: U28991PN1993PTC148186)

Corporate Office: #28, 'Akemps', 3rd Main, 1st Cross, Ashwini Layout, Koramangala, Intermediate Ring Road, Bangalore 560047, India.

Tel: +91 80 6791 - 9900 Fax: +91 80 6660 - 8828

Email ID : Info.India@sbdinc.com Web Site: www.stanleyblackanddecker.com

CERTIFICATE

This is to certify that

(Student names) (alongwith C. Nos.)

Sayali Vijay Gajankush	C22020771816
Prajakta Siddodhan Mokale	C22020771836
Anjali Pandit Vhanmane	C22020771866
Priyanka Balaso Kumbhar	C22021772806

have successfully completed the work on their PROJECT TOPIC

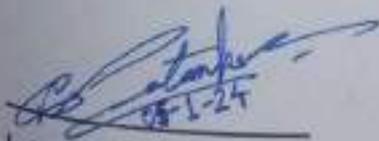
PCB DEFECT DETECTION

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

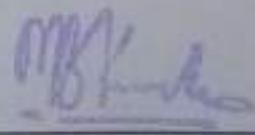
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Prof.M.S.Patankar]



Head of the Department
[Dr.(Mrs.) Sharda Ohatkar]



Principal
[Dr.(Mrs.)M.B. Khambete]

CERTIFICATE

This is to certify that

Maithili Shaiv - C22020771856

Amrita Shinde - C22020771858

Dipashree Wani - C22020771868

Nikita Patil - C22021772808

have successfully completed the work on their **PROJECT TOPIC**

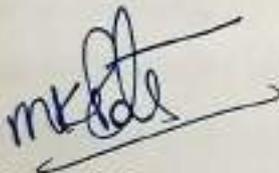
AEROCAST APPLICATION WITH AIR QUALITY, WEATHER & NEWS UPDATES

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TELECOMMUNICATION ENGINEERING OF SAVITRIBAI PHULE
PUNE UNIVERSITY,**

in

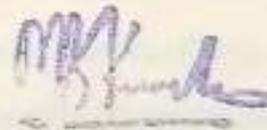
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Dr. Mahesh Pote
Internal Guide



Dr. Sharada Ohatkar
Head of the Department



Dr. M.B. Khambete
Principal



December 12, 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Aishwarya Purohit** completed her internship from **June 12,2023 to December 12,2023** and handled the “Data Design and Visualization for Farmrise App” project under the guidance of Mr. Shahin Basheer, Director of Engineering.

During her tenure with us, we found **Aishwarya**, to be sincere and hardworking.

We wish her all the best in her future endeavors.

Monsanto Holdings Private Limited

Rohit Sharma
Head – HR Operations

//////////

Monsanto Holdings Private Limited
(A Subsidiary of Bayer AG)
CIN:
L24210MH1958PLC011173

Registered and Corporate Office:
Bayer House
Central Avenue
Hiranandani Estate
Thane (West) – 400 607
Maharashtra, India

Tel : +91 22 2531 1234
Fax :

www.bayer.in
www.cropscience.bayer.com

RESTRICTED

CERTIFICATE

This is to certify that

Name	C. no.	Roll No.
1. Shital ugale	C22018111113	4277
2. kartiki salve	C22018111086	4278
3. Aishwarya kamble	C22020772801	4878

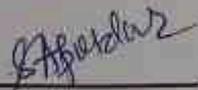
have successfully completed the work on their PROJECT TOPIC
(Image denoising with CNN using autoencoder)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

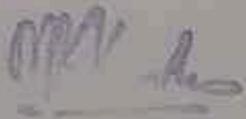
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVE NAGAR ,
PUNE - 411052 .**


Internal Guide

[Prof.(Sandhya Potdar)]


Head of the Department

[Dr.(Mrs.)Dr.Sharada Ohatker]


Principal

[Dr.(Mrs.)M.B.Khambete]