

CERTIFICATE

This is to certify that

Shyamali Neje C22019771841
Aditi Pardeshi C22019771843
Avani Pathak C22019771845
Anushka Pillewar C22019771850

have successfully completed the work on their PROJECT TOPIC

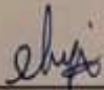
Real Time Sentiment Analysis on Youtube Comments

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 .**



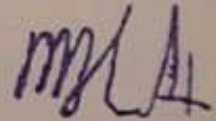
Internal Guide

[Prof. Madhura Paranjpe]



Head of the Department

[Dr.(Mrs.)Prachi Mukherji]



Principal

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

CERTIFICATE

This is to certify that

Ankita Chavan	C22019771804
Divya H R	C22019771816
Priyanka Gadewar	C22019771809
Mitali Agrawal	C22019771801

have successfully completed the work on their PROJECT TOPIC

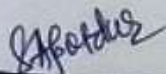
Analyzing Sentiments of product reviews using natural language processing and Machine Learning Algorithms

in partial fulfillment for the award of the degree of

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

in

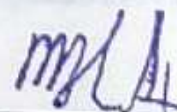
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.**



Internal Guide
[Sandhya Potdar]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Vishakha Aiwale	C22019111103
Shruti Bharat	C22019111119
Bhakti Herwade	C22019111148
Gargi Jain	C22019111156

have successfully completed the work on their PROJECT TOPIC

**Retail Website of a Pharmaceutical Company and its
Business Analysis**

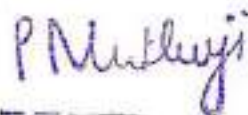
in partial fulfillment for the award of the degree of
**Bachelor of Technology in ELECTRONICS AND
TELECOMMUNICATION
ENGINEERING of SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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



Internal Guide
[Prof.Madhura Paranjpe]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Himani Antad	C22019111106
Renuka Aole	C22019111107
Mansi Bage	C22019111114
Madhura Dharmadhikari	C22019111134

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

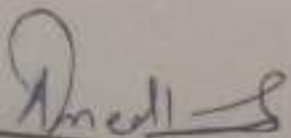
Prediction of Land Suitability for Crop Cultivation Based on Soil and Environmental
Characteristics Using Various Classifiers

in partial fulfillment for the award of the degree of

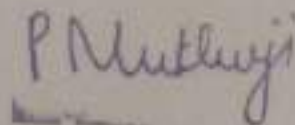
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

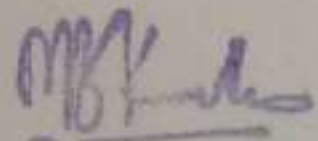
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVE NAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr.Prof. A.R.Khedkar]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Adiba Mulla	C22019111209
Nandini Singh	C22019111213
Apoorva Purohit	C22019111238
Mansi Rakar	C22019111242

have successfully completed the work on their PROJECT TOPIC

5G Microstrip Patch Array Antenna for Gain Enhancement


in partial fulfillment for the award of the degree of

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

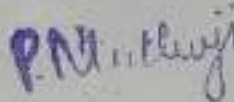
in

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

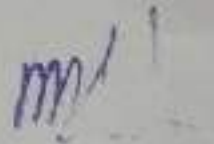
CERTIFIED



Internal Guide
[Prof.Mahesh Pote]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Tulika Rajiv Choudhary
Prajakta Santosh Patil
Pranali Pravin Mane
Nivedita Kakasaheb Shinde

have presented a REPORT on their PROJECT TOPIC

Water Speed Measurement Using Particle Tracking & OpenCV.

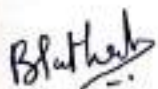
in partial fulfillment for the award of degree

Bachelor of Technology in ELECTRONICS & TELECOMMUNICATION of
SAVITRIBAI PHULE PUNE UNIVERSITY,

in

CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, KARVENAGAR,
PUNE 52

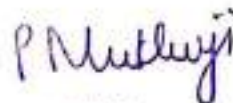
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Internal Guide
[Dr. Prof. Bageshree Patil]



External Guide
[Dr. M. Selva Balan]



Head Of Department
[Dr. Prof. Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Anushree Deshpande
Madhura Vinayak Gijare
Harshita
Surshree Kishor Jadhav

have presented a PROJECT REPORT on their PROJECT

TOPIC Reverse Image Search Engine for E-

commerce_ in partial fulfillment for the award of degree

Bachelor of Technology in ELECTRONICS & TELECOMMUNICATION of
SAVITRIBAI PHULE PUNE UNIVERSITY,

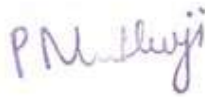
in

CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, KARVE NAGAR,
PUNE 52

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Internal Guide
[Prof. Rupali Pawar]



Head Of Department
[Dr. Prof. Prachi Mukherji]



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

(3)

CERTIFICATE

This is to certify that

Prarthana Ranade	C22019771854
Ritika Rathod	C22019771855
Ritika Singh	C22019771856
Anushka Supe	C22019771860

have successfully completed the work on their PROJECT TOPIC

Detecting an obstacle and extracting its image data to convert it into voice note for visually impaired people.

in partial fulfillment for the award of the degree of

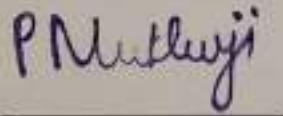
**Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING of SAVITRIBAI PHULE PUNE UNIVERSITY,**

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.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that
Revati Pisal(C22018771864)
Sharvari Padole (C22018771836)
Pooja Khiradkar(C22020772802)
Tejal Nehete (C22020772805)

Have successfully completed the work on their PROJECT TOPIC

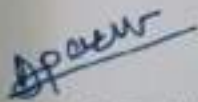
Face Recognition based Smart Attendance System

in partial fulfillment for the award of the degree of **Bachelor of**

**Technology in ELECTRONICS AND TELECOMMUNICATION of SAVITRIBAI
PHULE PUNE UNIVERSITY,**

in

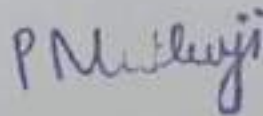
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UNIVERSITY)**



Internal Guide

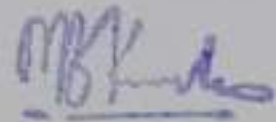
[Prof. Aparna Badave]

Date: 2023.04.26



Head of the Department

[Dr. Prachi Mukherji]



Principal

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

CERTIFICATE

This is to certify that
Divya Dhote C22019111135
Surabhi Chandra C22019111122
Charushila Bhadane C22019111117
Pradnya Badole C22019111113

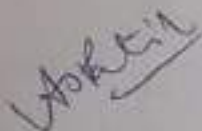
have successfully completed the work on their PROJECT TOPIC

Automatic Text Summarization

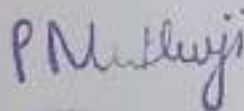
in partial fulfillment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

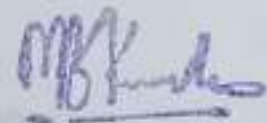
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr.Anita patil]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE


This is to certify that
Sapna Shekhar
Rojina Aslam Shaikh
Fatma Bano Sheikh
Aditi Wadatkar

have presented a SEMINAR on their PROJECT TOPIC
Electric Vehicle Battery Life Analysis

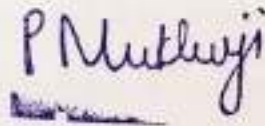
in partial fulfilment for the award of the degree of
Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
of **SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

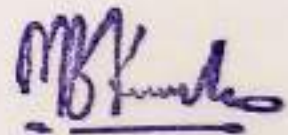
**CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVENAGAR ,
PUNE-52 (An Autonomous Institute affiliated to SAVITRIBAI PHULE PUNE
UNIVERSITY)**



Internal Guide
[Dr. Supriya Mangale]



Head of the Department
[Dr.Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Priyanka Kajave (C22019771824)

Swapnali Kuldharan (C22019771835)

Sejal Phalle (C22019771849)

Vaibhavi Malwade (C22020772803)

have successfully completed the work on their PROJECT TOPIC

**MEDICAL REPORT MANAGEMENT AND
DISTRIBUTION SYSTEM USING BLOCKCHAIN,**

in partial fulfillment for the award of the degree of

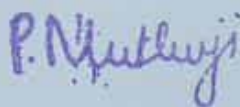
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

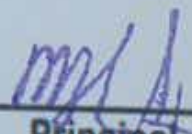
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr. Megha Borse]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Ayushi Singh	C22019111109
Ayushi Varshsney	C22019111110
Ch S Sathvika	C22019111121
Mangalapelly Tejaswi	C22019111170

have successfully completed the work on their PROJECT TOPIC

Detection and classification of Intracranial
Hemorrhage Using CT scans

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. R.T Suryavanshi]
Khambete]

Head of the Department

[Dr.(Mrs.)Prachi Mukherji]

Principal

[Dr.(Mrs.)M.B.

CERTIFICATE

This is to certify that

4226 Bhagyashri Patil

4233 Poonam Pawar

4243 Soniya Rukade

4266 Shubhada Patade

have successfully completed the work on their PROJECT TOPIC
Sales Prediction

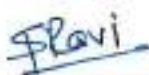
in partial fulfillment for the award of the degree of

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

in


**CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE
NAGAR ,**

**PUNE-52 (An Autonomous Institute affiliated to SAVITRIBAI PHULE
PUNE UNIVERSITY)**



Internal Guide

[Prof. Ravikant Suryawanshi]



Head of the department

[Dr.(Mrs.)Prachi Mukherji]



Principal

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

CERTIFICATE

This is to certify that

Agarwal Vanshika	C22019111102
Belhekar Gayatri	C22019111116
Bhagwat Ragini	C22019111118
Biradar Swarupa	C22019111120

have successfully completed the work on their PROJECT TOPIC

ANALYSIS OF DIFFERENT ALGORITHMS FOR TEXT FILTERING TAKING
SMS DATA AS SAMPLE

in partial fulfillment for the award of the degree of

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

in

**MKSSS's CUMMINS COLLEGE OF ENGINEERING FOR
WOMEN , KARVE NAGAR , PUNE-52**

(An Autonomous Institute affiliated to SAVITRIBAI PHULE
PUNE UNIVERSITY)

P. Ghatkamble

P. Mukherji

M. Khambete

Internal Guide

[Prof. Pallavi
Ghatkamble]

Head of the Department

[Dr. Prachi Mukherji]

Principal

[Dr. Madhuri Khambete]

CERTIFICATE

This is to certify that

Shrusti Babar	C22019111111
Vaishnavi Jagtap	C22019111154
Gauri Bhangе	C22020112101
Anjali Borkar	C22020112103

have successfully completed the work on their PROJECT TOPIC

GESTURE BASED NOTICE BOARD

in partial fulfillment for the award of the degree of

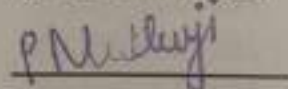
Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION ENGINEERING
OF SAVITRIBAI PHULE PUNE UNIVERSITY,

in

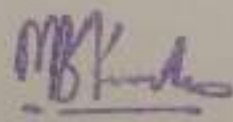
M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052.



Internal Guide
Prof. Sagar Vanarase



Head of the Department
Dr. Prachi Mukherji



Principal
Dr. M.B. Khambete

CERTIFICATE

This is to certify that

Kadav Nikita Anil C22019771821
Mhamane Gitanjali Krishna C22020772804
Pandare Jayashri Sunil C22020772806
Talekar Daksha Dayanand C22020772808

have successfully completed the work on their PROJECT TOPIC

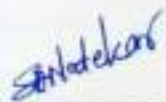
Fake News Detection

in partial fulfillment for the award of the degree of

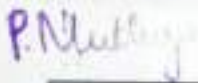
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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KARVENAGAR, PUNE - 41105.**



Internal Guide
[Prof. Snehal Natekar]



Head of the Department
[Dr. Prachi Mukherji]



Principal
[Dr. M.B. Khambete]

CERTIFICATE

This is to certify that

Vaishnavi Sanjay Padhar
Rachana Deepak Chougule
Rucha Shailesh Jagtap
Akshata Ashok Lalage

have successfully completed the work on their **PROJECT TOPIC**
Mindful Buying - Recommendation System

in partial fulfillment for the award of the degree of

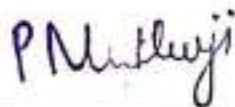
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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



Internal Guide
[Dr. Mrudul Dixit]



Head of the Department
[Dr. Prachi Mukherji]



Principal
[Dr. M. B. Khambete]

CERTIFICATE

This is to certify that

Dhande Vibhuti Mukesh	C22019771807
Kanale Pradnya Rajeev	C22019771827
Karlekar Maithili Madhav	C22019771828
Lodha Kashmira Kirtikumar	C22019771836

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

Effective Data Visualization For SHRUG Data Platform

in partial fulfillment for the award of the degree of

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

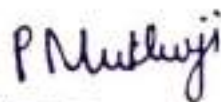
in

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



Internal Guide

Dr. Anita Patil



Head of the Department

Dr.(Mrs.)Prachi Mukherji



Principal

Dr.(Mrs.)M.B. Khambete

CERTIFICATE

This is to certify that

Pawar Shreya	C22019771848
Ramchandani Hiral	C22019771853
Mandal Shreya	C22019331531
Shaikh Zubiya	C22019331544

have successfully completed the work on their PROJECT TOPIC

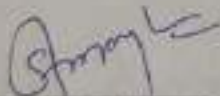
Diagnosis of faults and prediction of power in solar panels

in partial fulfillment for the award of the degree of

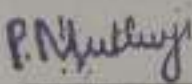
**Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
of SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

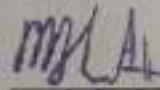
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE - 411052**



Internal Guide
[Dr. Supriya Mangale]



Head of the Department
[Dr. Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Snehal Suresh Chitale	C22015771707
Shachi Rajendra Kokare	C22018771827
Vidushi Vinod N	C22019771863
Parvati Tamanna Patil	C22020772807

have successfully completed the work on their PROJECT TOPIC

Automated Biofloc System

in partial fulfillment for the award of the degree of

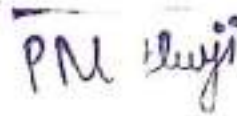
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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



Internal Guide
[Prof. S. L. Sahare]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Snehal Dilip Ajetarao (C22019111104)
Annem Vijitha (C22019111105)
Akshata Sanjay Bagul (C22019111115)
Saniya Daga (C22019111128)

have successfully completed the work on their PROJECT TOPIC

Implementation of supply chain management using Blockchain

in partial fulfillment for the award of the degree of

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

in

**CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, KARVE NAGAR,
PUNE-52 (An Autonomous Institute affiliated to SAVITRIBAI PHULE PUNE
UNIVERSITY)**

PPKamble

Internal Guide

[Prof. Pallavi S. Ghatkamble]

P Mukherji

Head of the Department

[Dr. Prachi Mukherji]

M.B. Khambete

Principal

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

CERTIFICATE

This is to certify that

Mugdha Daware	C22019771806
Sindhuja Dhawale	C22019771808
Dhanashree Ghotikar	C22019771812
Shalaka Nagre	C22018771833

have successfully completed the work on their PROJECT TOPIC
Manhole Cleaning System to partially end manual
scavenging

in partial fulfillment for the award of the degree of

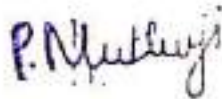
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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



Internal Guide
[Dr./Prof. Vidya Sisale]



Head of the Department
[Dr.(Mrs.) Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Shriya Avachat	C22019111108
Aditi Chitnis	C22019111126
Neha Deodhar	C22019111130
Purva Godse	C22019111146

Have successfully completed their work on their PROJECT TOPIC

Comparative analysis of efficient implementation of
CNN on CPU and GPU for image processing and implementation of
basic CNN operations in Verilog

in partial fulfillment for the award of the degree

**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**

SH Rajput

Internal Guide

[Dr. Seema Rajput]

P. Mukherjee

Head of the Department

[Dr.(Mrs.) Prachi Mukherjee]

M.B. Khambete

Principal

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

CERTIFICATE

This is to certify that
Shruti R Patil (C22019771847)
Anushka S Pimparkhedkar (C22019771851)
Srishty Kumari (C22019771859)

have successfully completed the work on their PROJECT TOPIC
MAR - Mobile Augmented Reality

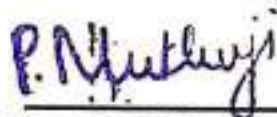
in partial fulfillment for the award of the degree of
BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,

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.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Khushi Kanade (C22019771826)
Priyanka Khade (C22019771829)
Pratiksha Pansare (C22019771842)
Shambhavi Shanbhag (C22019771865)

have presented a Project

“Book recommendation using machine learning and Natural language processing”

in partial fulfillment for the award of the degree of

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

in

**CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, KARVENAGAR,
PUNE-52**

(An Autonomous Institute affiliated to
SAVITRIBAI PHULE PUNE UNIVERSITY)

MP

Internal Guide
[Prof.Manasi Pathade]

P. Mukherji

Head of the Department
[Dr.Prachi Mukherji]

M.B. Khambete

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

CERTIFICATE

This is to certify that

Tanvi Kulkarni C22019771836
Aditi More C22019771840
Shubhra Jain C22019331522
Isha Patil C22019331536

have successfully completed the work on their PROJECT TOPIC
WIRELESS BASED DATA TRANSMISSION SYSTEM FOR GATE
CONTROL IN DAMS ALONG WITH DATA ANALYSIS

in partial fulfillment for the award of the degree of

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

in

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



Internal Guide
Prof. Sagar Vanarase



External Guide
Dr. M. Selva Balan



Head of the Department
Dr. Prachi Mukherji



Principal
Dr. M. B. Khambete

CERTIFICATE

This is to certify that

Jagdale Aditi Utkarsh
Jagtap Varsha Dhananjay
Khilari Shivani Khandu
Kolhe Nikita Vivek

have successfully completed the work on their PROJECT TOPIC

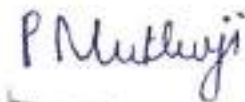
(Fault Detection in an On-Board Charger using Synthetic Data)

in partial fulfillment for the award of the degree of

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

in

CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, KARVENAGAR,
PUNE-52 (An Autonomous Institute affiliated to SAVITRIBAI PHULE PUNE
UNIVERSITY)



Head of the Department
[Dr.Prachi Mukherji]



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



Internal Guide
[Prof. M. S. Patankar]

CERTIFICATE

This is to certify that

Kabir Amrit Prakash	C22019111159
Kotpalliwar Vasavi Abhay	C22019111168
Bogawat Ruchi Nitin	C22020112102
Shendge Harsha Sunil	C22020112106

have successfully completed the work on their PROJECT TOPIC
Detection of Cyberbullying on social media using Machine Learning

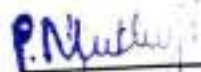
in partial fulfillment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

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.) Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Sakshi Badhan (C22019111112.)

Shreya Dabbawar (C22019111126.)

Divya Maheshwari (C22019111136.)

Shravani Dongargaonkar (C22019111137.)

have successfully completed the work on their PROJECT TOPIC
Model analysis of different ML Algorithms for Used vehicle Price Prediction
and Churn Prediction.

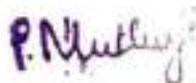
in partial fulfillment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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



Internal Guide
[Prof.Ganesh R Padalkar]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Samruddhi Chavan

Sakshi Galphade

Garima Baleja

Shruti Gavhane

have successfully completed the work on their PROJECT
TOPIC

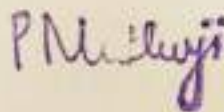
(AUTOMATED HYDROPONIC SYSTEM)

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.



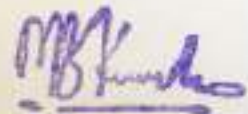
Internal Guide

[Prof. Snehal Nichale]



Head of the Department

[Dr.Prachi Mukherji]



Principle

[Dr.M.B.Khambete]

CERTIFICATE

This is to certify that

Gayatri Rohidas chature C22019111123

Aishwarya Nandkumar Dani C22019111129

Vaishnavi Kashinath Hapse C22019111147

Pradnya Vilas Jadhav C22019111150

have successfully completed the work on their PROJECT TOPIC

E-Commerce recommendation system using reverse image search

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,

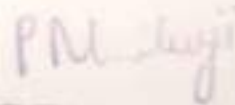
KARVENAGAR,

PUNE- 411052



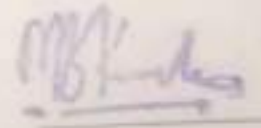
Internal Guide

[Dr. Sharada Ohatkar]



Head of the Department

[Dr. Prachi Mukherji]



Principle

[Dr. M.B. Khambete]

CERTIFICATE

This is to certify that

Mayuri Uttarwar C22019111263
Radhika Rudrawar C22019111243
Akanksha Salunkhe C22019111245
Chaturthi Pratapwar C22019111237

have successfully completed the work on their

Project Topic

Traffic Rule Violation Detection
System

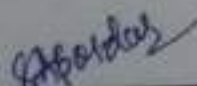
in partial fulfillment for the award of the degree of

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

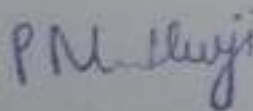
in

**CUMMINS COLLEGE OF ENGINEERING FOR
WOMEN , KARVE NAGAR ,PUNE-52**

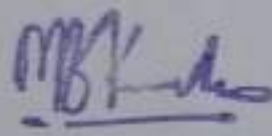
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PUNE UNIVERSITY)



Internal Guide
[Prof.Sandhya Potdar]



Head of the Department
[Dr.Prachi Mukherji]



Principal
[Dr.M.B.Khambete]

CERTIFICATE

This is to certify that

Naik Bhairavi
Pardeshi Nikita
Patil Kinjal
Shinde Aarti

have presented a SEMINAR on their PROJECT TOPIC

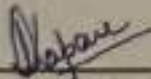
Identification and Captioning using Deep Learning Techniques for
Multimodal Images

in partial fulfillment for the award of the degree of

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

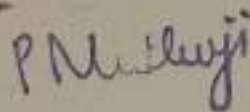
in

CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE NAGAR ,
PUNE-52 (An Autonomous Institute affiliated to SAVITRIBAI PHULE PUNE
UNIVERSITY)



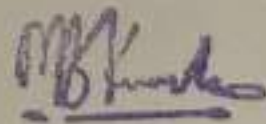
Internal Guide

[Prof. Aparna Kapare]



Head of the Department

[Dr. Prachi Mukherji]



Principal

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

CERTIFICATE

This is to certify that

Anuja Limaye	C22019111201
Rucha Limaye	C22019111202
Vishakha Managoli	C22019111206
Mrunal Nilgilwar	C22019111216

have successfully completed the work on their PROJECT TOPIC

Handwritten text recognition system using AI

in partial fulfillment for the award of the degree of

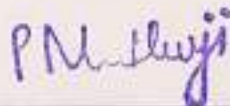
**Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

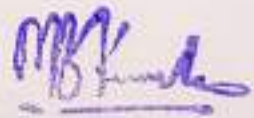
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVE NAGAR ,
PUNE-411052 .**



Internal Guide
[Dr. Mrudul Dixit]



Head of the Department
[Dr. (Mrs.) Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Student's Name	C.No.(s)
Nalawade Siddhi	C22019111212
Patil Gauri	C22019111227
Awate Janhavi	C22019771818
Shingade Akansha	C22020112207

have successfully completed the work on their PROJECT TOPIC

**DESIGNING ELECTRIC VEHICLE CHARGER
FOR 2 WHEELER VEHICLES**

in partial fulfillment for the award of the degree of

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

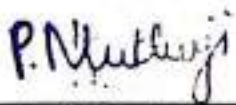
in

**CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVENAGAR ,
PUNE-52**

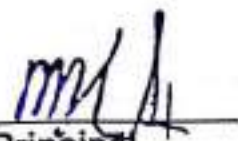
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UNIVERSITY)**



Internal Guide
[Prof.Mr.Sharad Dube]



Head of the Department
[Dr.Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Anushree Wagh

Sneha Pawar

Teenu Awachat

Shivanjali Sangale

have successfully completed the work on their PROJECT TOPIC
Detection of parking slots based on Mask R-CNN

in partial fulfillment for the award of the degree of

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

in

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



Internal Guide

[Prof.Madhura Paranjpe]



Head of the Department

[Dr.Prachi Mukherji]



Principal

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

CERTIFICATE

This is to certify that

Vaishnavi Kharat	C22019771830
Sanyukta Khatdeo	C22019771831
Harshada Kothe	C22019771833
Rutuja Kshirsagar	C22019771834

have successfully completed the work on their PROJECT TOPIC

**Atmospheric Image Correction and Removal Of Cloud Cover for
Satellite Images and Classification Of Water, Land and Vegetation**

in partial fulfillment for the award of the degree of

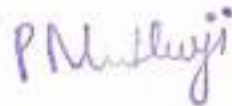
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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



Internal Guide
[Dr. Mrudul Dixit]



Head of the Department
[Dr. Prachi Mukherji]



Principal
[Dr. M.B. Khambete]

CERTIFICATE

This is to certify that

Radha Pawar
Pradnya Shendge
Apoorva Ghuge
Janhvi Patil

have presented a SEMINAR on their PROJECT TOPIC

Automated HealthCare ChatBot

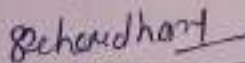
in partial fulfillment for the award of the degree of

Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
of SAVITRI BAI PHULE PUNE UNIVERSITY,

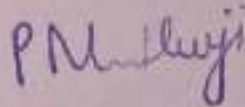
In

CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE-52


(An Autonomous Institute affiliated with SAVITRI BAI PHULE PUNE UNIVERSITY)



Internal Guide
[Dr. Shubhangi Chaudhary]



Head of the Department
[Dr. Prachi Mukherji]



Principal
[Dr. M.B. Khambete]

CERTIFICATE

This is to certify that

Prapti Kawthekar C22019111236
Neha Tavargeri C22019111260
Avdhi Tembhare C22019111261
Nutan Tupe C22019111262

have successfully completed the work on their PROJECT TOPIC
Creation of the meaningful dashboard for a production store

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 .**

PPB

Internal Guide
[Dr.(Mrs).Ratnaprabha Borhade]

P.N. Mukherji

Head of the Department
[Dr.(Mrs.)Prachi Mukherji]

M.B. Khambete

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

CERTIFICATE

This is to certify that

Aditi Balkrishna Jadhav	C22019111149
Yukta Jayanti Joshi	C22019111157
Jyoti Pavan Kumar Jangid	C22019111158
Akanksha Milind Kharkar	C22019111164

have successfully completed the work on their PROJECT TOPIC

EXTRACTION OF WATER DEPTH FROM SATELLITE IMAGERY

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 .**

External Guide

[Dr. Selva Balan]

Internal Guide & HOD

[Dr.(Mrs.)Yuchi Hubbeji]

Principal

[Dr.(Mrs.)M.D. Khanbete]

CERTIFICATE

This is to certify that
Aditi Oak
Ishwari Patil
Aarya Phansalkar

have successfully completed the work on their PROJECT TOPIC

SMART DIGITAL CROP HARVESTER MONITORING DASHBOARD

in partial fulfillment for the award of the degree of

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

in


CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVENAGAR ,
PUNE - 411052



Internal Guide
[Dr. Ashwini Deshpande]



Head of the Department
[Dr.Prachi Mukherji]



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

CERTIFICATE

AACHAL KADOO C22019771822
AMISHA KADU C22019771823
SAYALI LAWAND C22019771837
SUTANUKA DEY C22019771861

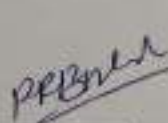
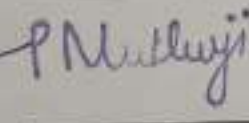
This is to certify that
have successfully completed the work on their PROJECT
TOPIC

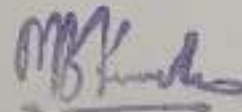
Monocular Visual Odometry

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. Ratnaprabha
Borhade

Head of the Department
Dr.(Mrs.)Prachi Mukherji

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

CERTIFICATE

This is to certify that

Dhwani Kariya C22019771866
Krushna Gurav C22019771868
Kasturi More C22019771867
Sneha S C22019771857

have successfully completed the work on their PROJECT TOPIC
Non linear gate control of canal using flow
measurement under GUI based control.

in partial fulfillment for the award of the degree of

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

in

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



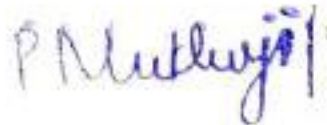
Internal Guide

Dr. Bageshree Pathak



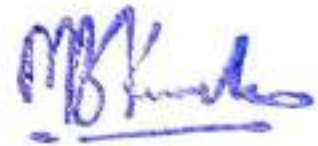
External Guide

Dr. M. Selva Balan
Joint Director, CWPRS,
Pune



Head of the Department

Dr. Prachi Mukherji



Principal

Dr. M. B. Khambete

CERTIFICATE

This is to certify that

Kalyani Shirish Gargate	C22019771810
Vaishnavi Sachidaanand Gulavani	C22019771815
SamruddhiVyankatesh Kadam	C22019771820
Shweta Yogesh Kothawade	C22019771864

have successfully completed the work on their PROJECT TOPIC

INDIAN SIGN LANGUAGE RECOGNITION AND SEARCH RESULTS

in partial fulfillment for the award of the degree of

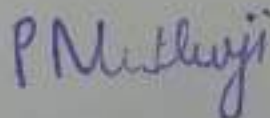
**Bachelor of Technology in ELECTRONICS AND
TELECOMMUNICATION of SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

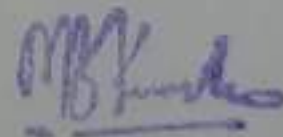
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVENAGAR,
PUNE-52**



Internal Guide
[Dr. Sandeep Musale]



Head of the Department
[Dr. Prachi Mukherji]



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

AI Clothing Generator

CERTIFICATE

This is to certify that

Shraddha Magdum
Shweta Magdum
Mayuri Mahajan
Kalyani Tarlekar

have presented a Project

AI Clothing Generator

in partial fulfillment for the award of the degree of

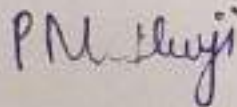
Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION of SAVITRIBAI
PHULE PUNE UNIVERSITY,

in

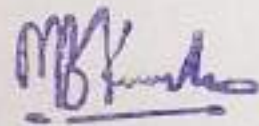
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE NAGAR ,
PUNE-52 (An Autonomous Institute affiliated to SAVITRIBAI PHULE PUNE UNIVERSITY)



Internal Guide
[Prof. Manasi Pathade]



Head of the Department
[Dr. Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Sandipta Sahoo

Manasi Shitole

Shreya Nair

Shafa Mulla

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

Real-Time Vision-Based Elderly Monitoring System

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

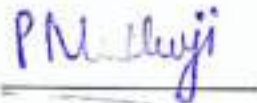
in

**CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,PUNE-52 (An Autonomous Institute affiliated to
SAVITRIBAI PHULE PUNE UNIVERSITY)**



Internal Guide

[Dr.Ashwini M. Deshpande]



Head of the Department

[Dr.Prachi Mukherji]



Principal

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

MKSSS's CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE NAGAR, PUNE-52
(An Autonomous Institute affiliated to SAVITRIBAI PHULE PUNE UNIVERSITY

CERTIFICATE

This is to certify that

Rutuja Ner	C22019111215
Maitreyee Parkhi	C22019111223
Sayali Patil	C22019111231
Sneha Sharma	C22019111257

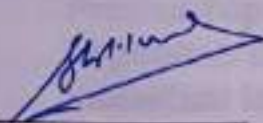
have successfully completed the work on their **PROJECT TOPIC**

Call Attempts Estimation for Loan Repayment

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

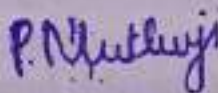
in

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



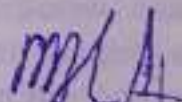
Internal Guide

Prof. S.L. Sahare



Head of the Department

Dr.(Mrs.)Prachi Mulcherji



Principal

Dr.(Mrs.)M.B. Khambete

1. Rutuja Ner

2. Maitreyee Parkhi

3. Sayali Patil

4. Sneha Sharma

Certificate



This is to certify that

Manasvi Mattoo(C22019111207)

Ojaswita Sharma(C22019111218)

Asawari Surange(C22019111258)

have successfully completed their work on their PROJECT TOPIC entitled

“Predictive Analysis of Cab System Using Machine Learning Models”

in partial fulfillment for the award of the degree of

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

from

CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,

KARVE NAGAR,


PUNE-52


Internal Guide

[Prof. G.R. Padalkar]


Head of Department

[Dr. Prachi Mukherji]


Principal

[Dr. M. B. Khambete]

Date:

Place: Pune

CERTIFICATE

This is to certify that

Purva Barge (C22019111270)

Tanishka Mule (C22019111208)

Vaibhavi Nayak (C22019111214)

have successfully completed the work on their PROJECT TOPIC

Obstacle Distance Detection for Visually Impaired

in partial fulfillment for the award of the degree of

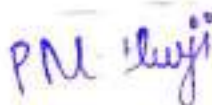
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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



Internal Guide
[Dr. Nitin Palan]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

SHARVARI MUNGALE C22019111210
RAHI RAJURKAR C22019111239
SURABHI RANGNATH C22019111240
SWARADA VIDAR C22019111285

have successfully completed the work on their PROJECT TOPIC

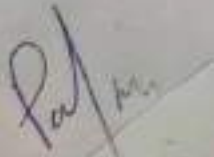
**STAPS - SAFE TRAVEL ACCIDENT PREVENTION
SYSTEM**

in partial fulfillment for the award of the degree of

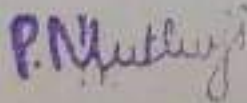
**Bachelor of Technology in ELECTRONICS AND
TELECOMMUNICATION ENGINEERING of
SAVITRIBAI PHULE PUNE UNIVERSITY**

in

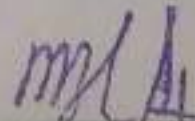
**M.K.S.S.S's CUMMINS COLLEGE OF ENGINEERING FOR WOMEN,
KARVE NAGAR, PUNE- 411052**



Internal Guide
[Dr. Nitin Palar]



Head of the Department
[Dr. Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Rashi Bharade	C22019771803
Harshada Girdhari	C22019771813
Rujuta Giri	C22019771814
Snehal Jadhav	C22019771817

have successfully completed the work on their PROJECT TOPIC
**Query Based Search Engine for Ocean Water Pollution Detection
using Deep Learning**

in partial fulfillment for the award of the degree of

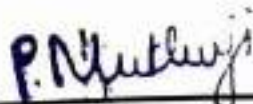
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

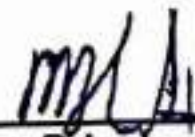
**M.K.S.S.S.'s CUMMINS COLLEGE OF ENGINEERING FOR WOMEN ,
KARVENAGAR ,
PUNE - 411052 .**



Internal Guide
[Dr.Ashwini Deshpande]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that

Gauri Padmawar (C22019111220)

Prachi Parvate (C22019111224)

Aditi Patil (C22019111225)

Gayatri Patki (C22019111232)

have successfully completed the work on their PROJECT TOPIC

Spammer Detection Using Machine Learning Algorithm

in partial fulfillment for the award of the degree of

**Bachelor of Technology in ELECTRONICS & TELECOMMUNICATION of
SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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

(An autonomous institute affiliated to SAVITRIBAI PHULE PUNE UNIVERSITY).


Internal Guide

[Prof. Tanisha Londhe]



Head Of Department

[Dr. Prof. Prachi Mukherji]



Principal

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

PROJECT REPORT

SUBJECTIVE ANSWER EVALUATION USING
NATURAL LANGUAGE PROCESSING

Submitted by

Shruti Gawas	C22019771811
Pranjali Junje	C22019771819
Vaidehi Kalore	C22019771825
Sakshi Tawari	C22019771862

in partial fulfillment for the award of the degree of
Bachelor of Technology in

ELECTRONICS AND TELECOMMUNICATION

ENGINEERING of SAVITRIBAI PHULE PUNE

UNIVERSITY,

under the guidance of
Prof. Snehal Nichale
Sponsored by : - Inhouse

M.K.S.S.S's CUMMINS COLLEGE OF ENGINEERING

FOR WOMEN, KARVENAGAR, PUNE – 411052.

Academic year

2022 - 23

a) Project Title: Subjective Answer Evaluation Using Natural Language Processing

b) Subject Area: Natural Language Processing

c) Nature of the Project: Software

CERTIFICATE

This is to certify that

Shruti Gawas	C22019771811
Pranjali Junje	C22019771819
Vaidehi Kalore	C22019771825
Sakshi Tawari	C22019771862

have successfully completed the work on their PROJECT TOPIC

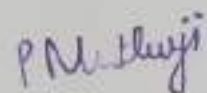
SUBJECTIVE ANSWER EVALUATION USING NATURAL LANGUAGE
PROCESSING

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 Nichale]


Head of the Department
[Dr.Prachi Mukherji]


Principal
[Dr.Madhuri Khambete]

CERTIFICATE

This is to certify that
JANYI VEER C2201911264
SHUBHANGI NIMBALE C22020112203
CHRISHMA THODETI C22020112209
MAYURI DHAVAN C22020112105

have successfully completed the work on their PROJECT TOPIC
(Digital Donation Box)

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

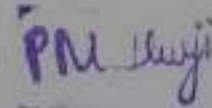
in

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



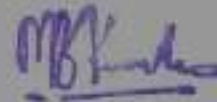
Internal Guide

[Prof.Narendra Kulkarni]



Head of the Department

[Dr.(Mrs) Prachi Mukherji]



Principal

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

CERTIFICATE

This is to certify that
Anushka Chikhale C22019111125
Prajakta Deshpande C22019111133
Pragati Dound C22019111138
Savi Gandewar C22019111141

have successfully completed the work on their PROJECT TOPIC
Building Software Features Using Pre-trained AI/ML Models For A Product Design
Platform

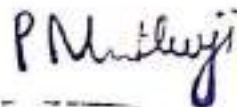
in partial fulfillment for the award of the degree of
**BACHELOR OF TECHNOLOGY IN ELECTRONICS AND TELECOMMUNICATION
ENGINEERING OF SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

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



Internal Guide
[Dr. Mrudul Dixit]



Head of the Department
[Dr.(Mrs.)Prachi Mukherji]



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

CERTIFICATE

This is to certify that
Samradni Jadhav
Simran Kabra
Purva Kane
Arya Kaujalgi

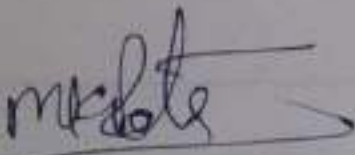
have presented a SEMINAR on their PROJECT TOPIC
Design of microstrip patch antenna for gain enhancement using DGS for
Wireless/WiMax applications.

in partial fulfillment for the award of the degree of

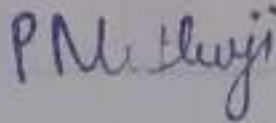
**Bachelor of Technology in ELECTRONICS AND TELECOMMUNICATION
of SAVITRIBAI PHULE PUNE UNIVERSITY,**

in

**CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVE NAGAR ,
PUNE-52 (An Autonomous Institute affiliated to SAVITRIBAI PHULE PUNE
UNIVERSITY)**



Internal Guide
[Prof. Mahesh Pote]



Head of the Department
[Dr. Prachi Mukherji]



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

1.2 CERTIFICATE

This is to certify that

Desai Divya
Gadekar Vedashree
Kalloorkar Sanika
Kondejkar Tanaya

have successfully completed the work on their **PROJECT TOPIC**
Analysis and optimisation of large ML models to work on edge devices

in partial fulfillment for the award of the degree of

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

in

CUMMINS COLLEGE OF ENGINEERING FOR WOMEN , KARVENAGAR ,
PUNE-52 (An Autonomous Institute affiliated to SAVITRIBAI PHULE PUNE
UNIVERSITY)

CERTIFIED

Yasade

Internal Guide

[Dr./Prof. (Full Name)]
(Note : -Consult your Guide)

P. N. Mukherji

Head of the Department

[Dr.Prachi Mukherji]

M.B. Khambete

Principal

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

Private & Confidential

Ref: Oracle-Interns- 1605787

12th Aug 2022**TO WHOMSOEVER IT MAY CONCERN**

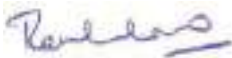
This is to certify that Ms.Vanshika Agarwal, student of Cummins College of Engineering, Pune (Pursuing Electronics and Communication Engineering) has completed her project with Oracle India Private Limited.

The project was undertaken from 01-Jun-2022 to 26-Jul-2022. She worked on "Database cloud images processing automation for DB fix delivery team under SE LOB".

We wish her all the best in her future endeavours.

Yours sincerely

For Oracle India Private Limited.



Rambabu Jagatha
Director – HR Operations



Ref No: MPHTH_GEN2022_0029

This is to certify that Ms.vishakha Vilas Aiwale, student of Cummins College of Engineering, Pune (Pursuing Electronics and Communication Engineering) has completed her internship with Mphasis.

The internship period was undertaken from Jun-2022 to Aug-2022. She worked on the Insurance domain team under Wyde insurance by Mphasis.

We wish her all the best in her future endeavors.

Thanks & Regards,

Human Resources | HRBP & PMO

Patfoci Technologies Inc.
2450 Marion Road SE, Suite # 1
Rochester, MN 55904-6219 USA

office: +1-507-312-2229
email: info@patfoci.com
website: www.patfoci.com



September 10, 2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the student **Miss. Snehal Dilip Ajetarao**, of Electronics and Telecommunication Engineering Department of MKSSS's Cummins College of Engineering for Women, Pune, interned with Patfoci Technologies Inc. during the period 15th June 2022 to 15th August 2022. She reviewed literature on seismocardiogram sensors, tested the operation of an accelerometer and collected sample electrocardiogram and phonocardiogram data using Labchart.

Please contact me with any questions regarding this certificate.

Sincerely,

Dr. Shivaram Poigai Arunachalam, Ph.D., D.B.A.
Founder & CEO

cc: Patfoci records.



Date: 19.09.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Himani Antad** has successfully completed her internship project with Cummins Technologies India Private Limited from period **06.07.2022 to 31.08.2022.**

Project Title – Computer Security and Cryptography

Guide Name – Bhalchandra S Phad

Her performance was found satisfactory during this period.

We wish her the best for all her future endeavors.

For Cummins Technologies India Private Limited

Prabeer Kumar Maiti
Line HR Leader – CBU, EBU & TCL Engineering

Cummins Technical Centre India
Division of Cummins Technologies India Private Limited
Survey No. 31(pt), 32(pt), 33(pt),
Dahanukar Colony, Kothrud, Pune 411038,
Maharashtra, India
Phone number +91 020 2538 5435 / 2538 0240
Cumminsindia.com
ctipi@cummins.com

Register Office
Cummins Technologies India Private Limited,
Cummins India Office Campus
Tower A, 2nd, 4th & 8th Floor, Survey No. 21,
Balewadi, Pune 411045, Maharashtra, India
CIN:U29113PN1994FTC139153

ADITYA BIRLA



AC /HRD/2022-23
August 10th, 2022

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. Renuka Aole D/o Mr. Upendra Aole, student of **Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune** has completed her internship from 10th June, 2022 to 9th August, 2022 as a part of her academic curriculum of Electronic and Telecommunication Engineering.

She was assigned the project on '**Communication Protocol & Temperature PID Loop**' and submitted the report to us which sounds very good.

During the internship, she visited our unit on daily basis and completed her training satisfactorily during above mentioned period. She has exhibited good conduct, positive attitude, sincerity and commitment towards learning tasks assigned.

We wish her a successful career in future.

For, UltraTech Cement Limited
Dhar Cement Works

Bhupendra Singh
(FH-HR)



UltraTech Cement Ltd.
(Unit : Dhar Cement Works)

Corporate Identification Number (CIN) L26940MH2000PLC128420

UltraTech Cement Ltd., Unit: Dhar Cement Works, Village: Tonki, Tehsil: Manawar, Pin: 454 445, Dist: Dhar, (M.P.), India | F: +91 7294 233668 | W: www.ultratechcement.com
Registered Office: UltraTech Cement Ltd., B Wing, 2nd Floor, Atrium Centre, Matkalai Caves Road, Andheri (E), Mumbai-400 093
T: +91 22 66917800 | F: +91 22 6692 8109

भारत सरकार, रक्षा मंत्रालय
रक्षा अनुसंधान एवं विकास संगठन
आयुध अनुसंधान एवं विकास संस्थापन
डॉ. होमी भाभा पथ,
आयुध डाकघर, पाषाण,
पुणे - 411021
भारत



सा सेवा सेवके सेवके
Service to Services

Government of India, Ministry of Defence
Defence R & D Organisation (DRDO)
Armament R&D Estt. (ARDE)
Dr. Homi Bhabha Road,
Armament Post, Pashan,
Pune - 411021
INDIA

आयुध एन. जे. 5001 : 2015 प्रमाणित
ISO 9001 : 2015 Certified



वेबसाइट / Website : www.drdo.gov.in

No. ARDE/35/2/iv/96-Tech
Sr No. 44/2022

03 Aug 2022

CERTIFICATE

This is to certify that Ms. Shriya Ravindra Avachat, B. Tech. (Electronics and Telecommunication Engineering) student from Cummins College of Engineering for Women, Pune has successfully completed internship on "Design of Laser Diode Driver Circuit and its PCB Layout" at ARDE as a part of curriculum during 01 Jun 2022 to 31 Jul 2022 under the guidance of Shri Vishwanath Sonna, Sc 'F'.

(E mail: vishwanath.sonna@gmail.com)

During her attachment to this Establishment, her attendance was regular and conduct exemplary.

We wish her very best in her future career.




(Atok Kanhai)
Scientist 'F'
For Director ARDE



Vodafone Idea Foundation

_VOIS



Certificate of Completion

Presented to

Ayushi Singh

For the successful completion of

Artificial Intelligence and Machine Learning

Issued on July 16, 2022

ID: 4b7xEFdbxL



AKON GROUP OF INDUSTRIES

! INDIA ! LONDON ! USA ! SINGAPORE ! DUBAI ! AUSTRALIA ! GERMANY

ONLINE SERVICES PVT LTD
ONLINE SERVICES Inc.
INTERNATIONAL LIMITED
INTERNATIONAL C-CORPORATION
INTERNATIONAL TECHNOLOGY
DASK ONLINE SERVICES PVT LTD

Date : 24-07-2022

INTERNSHIP COMPLETION CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that Ms. Ayushi Varshney has successfully completed her internship during her tenure 18-04-2022 to 19-07-2022 in AKON GROUP OF INDUSTRIES starting off as an Automation Developer Intern and getting promoted to the role of Jr. Technical Project Manager Intern, with the first month being her training period.

During her tenure we found her to be punctual, hardworking, inquisitive, and dedicated to the project allotted to her under the guidance of Ms. Shreya Ayyagari She has duly completed the project and assignment assigned to her with an excellent result.

We wish her all the best for her future endeavors.



JASBIR SINGH

GLOBAL HR - AKON GROUP OF INDUSTRIES

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Pradnya Badole

from Cummins College of Engineering for Women, Pune has successfully completed
Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "Sign detector and text editor".
The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



Website: www.techsterr.co.in

Email: Techsterr61@gmail.com

Date: 09/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the student Miss. **Akshata Bagul**

Of Electronic and Telecommunication Engineering Department of MKSSS's Cummins College Of Engineering for Women, Pune has satisfactorily completed her internship working on a "Automation of hydroponic farming project" during the period 8th June 2022 to 8th August 2022 under our guidance.

A handwritten signature in blue ink, appearing to be "Prajakta Sudrik", written over a horizontal line.

For Techsterr Technology Solutions Pvt. Ltd.

R&D Department

Prajakta Sudrik

Co-founder Techsterr Technology Solutions Pvt. Ltd.

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Charushila Bhadane

from Cummins College of Engineering for Women, Pune has successfully completed
Virtual Micro-Internship under VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "Sign detector and text editor".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation

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>

29-Jul-22

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ragini Bhagwat** 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, Bengaluru** from 6-Jun-22 to 29-Jul-22. She has completed the internship under the guidance of Nilavalagan Irulappan (Niirulap) and Peeyush Jain (Pejain).

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 "Ragini Bhagwat".

Signature of Candidate

Microsoft India (R&D) Pvt. Ltd.

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller

REF NO: Heatcon/IoT/0822/102
08/08/2021

Experience Letter

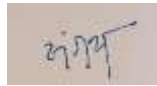
This is to certify that **Ms. Swarupa Sanjay Biradar** was working with us as a “**Trainee Software Engineer**” from **06/06/2022** till **06/08/2022** at Pune Office.

During this working period, we found her sincere, honest, and hardworking.

She was a dedicated employee with a professional attitude and very good job knowledge.

We wish her all the best for her future career.

For Heatcon Systems



CEO

Sanjay Walunj

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Surabhi Chandra

from Cummins college of Engineering pune has successfully completed
Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "Face detection and recognition using KNN".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Gayatri Chaure

from Cummins College of Engineering for Women, Pune has successfully completed
Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "**Movie recommendations system using ML**".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



Website: www.techsterr.co.in

Email: Techsterr61@gmail.com

Date: 09/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the student Miss. **Samruddhi Chavan**

Of Electronic and Telecommunication Engineering Department of MKSSS's Cummins College Of Engineering for Women, Pune has satisfactorily completed her internship working on a" Automation of hydroponic farming project" during the period 8th June 2022 to 8th August 2022 under our guidance.

A handwritten signature in blue ink, appearing to be "Prajakta Sudrik".

For Techsterr Technology Solutions Pvt. Ltd.

R&D Department

Prajakta Sudrik

Co-founder Techsterr Technology Solutions Pvt. Ltd.



August 16, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the below said intern has completed his/her Internship under the guidance of the reporting manager.

During this tenure, we found him/her sincere and eager to gain knowledge. we wish him/ her all the very best in his/her future endeavors.

Name	: Anushka Sadanand Chikhale
Date of Joining	: June 02, 2022
Internship End Date	: July 29, 2022
Legal Entity	: Myntra Designs Pvt. Ltd.
CTC (per month)	: 60000
Project Name	: Myntra Insider - Benefits Callout on PWA

Yours sincerely,

For Myntra Designs Pvt. Ltd

A handwritten signature in black ink, appearing to read 'Nupur Nagpal', is placed over a light beige rectangular background.

Nupur Nagpal

Chief Human Resources Officer

Myntra – U72300KA2007PTC041799

Myntra Designs Private Limited

Buildings Alyssa, Begonia and Clover, Embassy Tech Village,
Outer Ring Road, Devarabeesanahalli Village, Varthur Hobli, Bengaluru – 560103, India
Ph: 080 – 43540100 Website- www.myntra.com



भारत इलेक्ट्रॉनिक्स लिमिटेड

(भारत सरकार का उद्यम, रक्षा मंत्रालय)
एन. डी. ए. रोड, पाषाण, पुणे - 411021 - भारत

BHARAT ELECTRONICS LIMITED

(A Govt. of India Enterprise, Ministry of Defence)
N.D.A. ROAD, PASHAN, PUNE 411 021 India.

☎ : 091 - 20 - 2290 3000

Fax : 091 - 20 - 2586 5729, 25865708

MMD MKTG

जिससे भी संबंधित हो **TO WHOM IT MAY CONCERN**

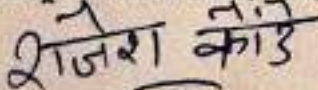
प्रमाणित किया जाता कि कमिंस कॉलेज ऑफ इंजीनियरिंग फॉर वुमेन, पुणे के बी. टेक इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन के छात्र कु. अदिती सुहास चिटणीस ने विकास व अभियांत्रिकी विभाग में दि. 01.06.2022 से दि. 30.07.2022 तक परियोजना/औद्योगिक इंटरशिप सफलतापूर्वक पूरी की है। हमारे साथ अपने प्रशिक्षण की अवधि के दौरान वे समयनिष्ठ, मेहनती और जिज्ञासु पाये गए।
हम उनके जीवन में हर सफलता की कामना करते हैं।

This is to certify that Ms. Aditi Suhas Chitnis, a student of B. Tech Electronics & Telecommunication from Cummins College of Engineering For Women has successfully completed Project/Industrial Internship from Development & Engineering department from 01.06.2022 to 30.07.2022. During the period of his/her Training with us he/she was found punctual, hardworking and inquisitive.

We wish him/her every success in life.

भवदीय/Yours Faithfully

कृते, भारत इलेक्ट्रॉनिक्स लिमिटेड / For, BHARAT ELECTRONICS LTD.



अधिकृत हस्ताक्षरकर्ता / AUTHORIZED SIGNATORY

राजेश एस. कोंडे
RAJESH S. KONDE
सहा. प्रबंधक (मा.सं. व प्र.)
Asst. Manager (HR & A)



Regd. Office:
Wells Fargo Centre, Building 1A,
Divyasree NSL SEZ, Survey No. 66/1,
Raidurga Village, Serilingampalli,
Hyderabad, India - 500032
91 40 4023 1000, 91 40 4023 1100 (Fax)
CIN: U72200TG2006PTC051001

Wfindia.legal@wellsfargo.com

Wells Fargo International Solutions Private Ltd
(Formerly Wells Fargo EGS (India) Private Ltd)
Wells Fargo Center, Embassy Tech Village (SEZ),
Devarabeesanahalli, Outer Ring Road,
Varthur Hobli, Bengaluru -560103, India
91 80 4397 4000, 91 80 4397 4100 (Fax)

August 05, 2022

Intern Name: Shreya Dabbawar

Intern ID: 2084040

Re: Certificate of completion of Internship

Dear Shreya,

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from Jun 06, 2022 till August 05, 2022 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relieve you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact Indiafinalsettlement@wellsfargo.com if you have any questions on the exit process.

Sincerely,

For Wells Fargo International Solutions Private Ltd

Durgesh Nagarkatte

Vice President – HR



Aug 05, 2022

Experience Certificate

This is to certify that **Ms. Aishwarya Nandkumar Dani (Empl ID: 22515217)** has interned with Samsung R&D Institute India - Bangalore Pvt. Ltd., from **Jun 06, 2022** to **Aug 05, 2022**.

For Samsung R & D Institute - Bangalore Pvt. Ltd.



Chetan Swarup Purohit
Director
Human Resources



Ref: KEP/ ATPU /42

Date: 18th July 2022

CERTIFICATE

This is to certify that Neha Hrishikesh Deodhar from Cummins College of Engineering for Women, Pune has successfully completed the Internship Project in Cummins India Limited - Power Systems Business Unit.

She has done her project with us from 9th June 2022 to 4th July 2022

The topic of her project in Kothrud Engine plant was:

Safety Door Interlock System

Her performance was found satisfactory during the period.

We wish her all the best for all her future endeavors.

For Cummins India Limited

Rucha Khatal

HRBP – KEP Operations

Cummins India Limited
Registered Office
Cummins India Office Campus
Tower A, 5th Floor, Survey No. 21, Balewadi
Pune 411 045 Maharashtra, India
Phone +91 20 67067000
Fax +91 20 67067010
cumminsindia.com
cil.investors@notes.cummins.com

GN : L2912PW182M.CO/2278





HR-SSC/29-08-2022/333419

29 August 2022

To Whom It May Concern,

This is to certify that **Ms. Divya Desai**, student of “**Cummins Women’s College, Pune**” has successfully completed her internship in “**Basics of ISP operations covering ILL, GVPN, TX services**” under the guidance of **Ms. Jyoti Vikrant Kadam** at **Tata Communications Limited** from **08 June 2022 to 08 August 2022** by working at our facility at **Pune-Dighi**.

She was found to be sincere and hardworking during her tenure.

We wish her success in all her future endeavours.

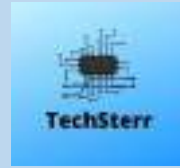
The above information is correct as per our company records as on the date of this letter issued. For any questions, please contact us at AskHR@tatacommunications.com

For Tata Communications Limited,

Vaibhav Kaul

Warm Regards,
Vaibhav Kaul
General Manager

Note: This is an electronically signed document



Website: www.techsterr.co.in

Email: Techsterr61@gmail.com

Date: 09/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the student Miss. **Anushree Deshpande**

Of Electronic and Telecommunication Engineering Department of MKSSS's Cummins College Of Engineering for Women, Pune has satisfactorily completed her internship working on a" Automation of hydroponic farming project" during the period 8th June 2022 to 8th August 2022 under our guidance.

For Techsterr Technology Solutions Pvt. Ltd.

R&D Department

Prajakta Sudrik

Co-founder Techsterr Technology Solutions Pvt. Ltd.



July 15, 2022

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Prajakta Deshpande (EE ID 131864)** has done internship at Mastercard Technology Private Limited from May 16, 2022 to July 15, 2022 on **Operations and Technology** under the guidance of **Anubha Shedhani**.

We take this opportunity to thank and wish all the best for future endeavors.

Yours faithfully,

A handwritten signature in blue ink, appearing to read "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



Vodafone Idea Foundation

_VOIS



Certificate of Completion

Presented to

Divya Dhote

For the successful completion of

Artificial Intelligence and Machine Learning

Issued on July 14, 2022

ID: 9VH973e3cn





HR-SSC/29-08-2022/333419

29 August 2022

To Whom It May Concern,

This is to certify that **Ms. Shravani Dongargaonkar**, student of “**Cummins Women’s College, Pune**” has successfully completed her internship in “**Basics of ISP operations covering ILL, GVPN, TX services**” under the guidance of **Ms. Jyoti Vikrant Kadam** at **Tata Communications Limited** from **08 June 2022 to 08 August 2022** by working at our facility at **Pune-Dighi**.

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,

Vaibhav Kaul

**Warm Regards,
Vaibhav Kaul
General Manager**

Note: This is an electronically signed document

N

Internship Certificate

This is to certify that Ms. Pragati Dound has completed her internship at Naya Studio from 01-Jun-2022 to 31-Jul-2022.

During the internship, she demonstrated exceptional ability in numerous client-facing projects showcasing her skills in frontend and backend web development.

We at Naya Studio wish you all the best in your future endeavors.



Vivek HV
Co-Founder, Naya Studio

Email
vivek@naya.studio



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Miss Vedashree Gadekar**, who is pursuing a **B.E. (majoring in Electronics and Telecommunication)** from **Cummins College of Engineering, Pune**, has successfully completed **8 weeks** long internship (**from 01st June 2022 to 31st July 2022**) with our organisation.

Vedashree Gadekar's job responsibility as an intern at Right Steps Consultancy involved the following tasks:

- **Research Work**
 - a. Research on applying CNN techniques to sonography images.
 - b. Use of deep learning techniques to identify feature set useful for machine learning based prediction/detection algorithms.
 - c. Researched multiple image quality assessment algorithms to identify the best approach (BRISQUE) to determine suitability of sonography images before applying deep learning algorithms.
- **Project: Breast Cancer Detection Algorithm**
 - a. Developed a machine learning algorithm for identification of benign and Malignant tumour.
 - b. Demonstrated excellent grasp of Exploratory Data Analysis and visualization-based feature selection techniques.
 - c. Demonstrated good understanding of Principal Component Analysis techniques for dimensionality reduction.
 - d. Demonstrated deep understanding of classification algorithms like Random Forest and kNN.

During the period of her internship program with us she was found to be sincere, proactive, hardworking and inquisitive. We wish her every success in her life and career.

Regards,

For Right Steps Business Solutions Private. Ltd.

RIGHT STEPS BUSINESS SOLUTIONS PRIVATE LIMITED

DIRECTOR

Swati Srinivasan
Founder & CEO



Kanopy Techno Solutions Pvt Ltd

Simplifying Research...

404, 4th floor, TechnoPark,
Aerosol Building
IIT Kanpur - 208016
Uttar Pradesh, India.
Mobile: +91 8604355668, +91 8004567307

Email: contact@kanopytech.com
Website: www.kanopytech.com

GSTIN: 09AAFCK7018N1Z2

Certificate of Internship Completion

August 1, 2022

To whomsoever it may concern

This is to certify that Sakshi Galphade of Cummins College of Engineering for women, Pune, has successfully completed her internship with Kanopy Techno Solutions Pvt Ltd, the duration of which was 2 months, from June 01 – July 31 2022. Location of internship was based in Warje, Pune. Her contribution in IC selection using circuit simulation, support in development for advanced impedance calculation algorithm is highly appreciated. We wish her all the best for her future endeavors.

Yours sincerely

Kanopy Techno Solutions Pvt. Ltd.



Director

Director
Anuj Awasthi





HR-SSC/29-08-2022/333419

29 August 2022

To Whom It May Concern,

This is to certify that **Ms. Garima Baleja**, student of “**Cummins Women’s College, Pune**” has successfully completed her internship in “**Basics of ISP operations covering ILL, GVPN, TX services**” under the guidance of **Ms. Jyoti Vikrant Kadam** at **Tata Communications Limited** from **08 June 2022 to 08 August 2022** by working at our facility at **Pune-Dighi**.

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,

Vaibhav Kaul

**Warm Regards,
Vaibhav Kaul
General Manager**

Note: This is an electronically signed document



August 12, 2022

Intern Name: Shruti Gavhane

Re: Certificate of Completion of Internship

Dear Shruti,

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from June 15, 2022 till August 12, 2022 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relive you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact contactus@prognosticsoft.com if you have any questions on the exit process.

Sincerely,



Prognosticsoft Solutions Pvt. Ltd.

S/W Development | Website Designing | Mobile Application | QA Testing

Web Application Development | ERP Application Development | SEO (Search Engine Optimization)

PROGNOSTICSOFT SOLUTIONS PVT. LTD

CIN: U72900PN2014PTC151473

Office: Udit Apartment, 1st Floor, Sangavi Nagar Road, Near Parihar Chowk, Aundh, Pune - 411 007

Tel: +91 82370 02436 | Email Id: contactus@prognosticsoft.com | Website: www.prognosticsoft.com



SOFTRA SYSTEM PVT. LTD.

Date: 11th May 2022

Subject: Offer Letter as Intern

Dear Ms. Apoorva Shivaji Ghuge

We are pleased to offer you an opportunity as **Intern** with Softra System Pvt. Ltd. for duration of 3 months starting from **01st June 2022**.

You are initially appointed to work in Pune office of our Softra System Pvt. Ltd.

During this period, we are not providing any stipend.

At the time of reporting for work, please ensure to bring the following:

1. Xerox copy of proof of date of birth & educational qualifications together with the originals.
2. Two stamp sized photographs.

Welcome to Softra System Pvt Ltd and here's wishing you a rewarding career.

Yours Faithfully,



Mr. Santosh Chavan
HR Manager
Softra System Pvt. Ltd.



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

संदर्भ संख्या भा.वि.प्रा./जी.सी./ट्रेनिंग -2022 / 285-286
Ref.No.: AAI/GC/ Training-2022 /

दिनांक : 05.08.2022

Date : 05.08.2022

जिस किसी से यह संबंधित हो
TO WHOMSOEVER IT MAY CONCERN

यह प्रमाणित किया जाता है कि सुश्री मधुरा विनायक गिजरे जोकि महर्षि कर्वे स्त्री शिक्षण संस्था के कमिस कॉलेज ऑफ इंजीनियरिंग फॉर वुमेन, पुणे से बी.टेक. (इएनटीसी) कर रही हैं, ने भारतीय विमानपत्तन प्राधिकरण के डोटस कॉम्प्लेक्स, आईजीआई एयरपोर्ट, नई दिल्ली - 110037 के सीएनएस अनुभाग में दिनांक 13.06.2022 से 29.07.2022 तक प्रशिक्षण प्राप्त किया।

This is to certify that Ms. Madhura Vinayak Gijare who is pursuing B.Tech (ENTC) from Maharishi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune, has undergone internship training in the CNS Department of Airports Authority of India, DATS Complex, IGI Airport, New Delhi - 110037 from 13.06.2022 to 29.07.2022.

प्रशिक्षण अवधि में सुश्री मधुरा विनायक गिजरे ने पूर्ण मनोयोग के साथ उत्साहपूर्ण अभिरुचि प्रदर्शित करते हुए अपने ज्ञान का संवर्द्धन किया तथा कार्यों को सीखने और उत्कृष्ट कार्य निष्पादन के प्रति पूर्ण इच्छुकशीलता प्रदर्शित की।

During the period of internship Ms. Madhura Vinayak Gijare enriched her knowledge showing great interest with full attention and showed full dedication towards learning.

महर्षि कर्वे स्त्री शिक्षण संस्था के कमिस कॉलेज ऑफ इंजीनियरिंग फॉर वुमेन की अनुशंसा के आधार पर प्रशिक्षणोपरांत यह प्रमाण पत्र सुश्री मधुरा विनायक गिजरे के पक्ष में प्रदान किया जाता है।

As per the recommendation of Maharishi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, this certificate is provided in the favour of Ms. Madhura Vinayak Gijare after satisfactory completion of her internship.

भारतीय विमानपत्तन प्राधिकरण उनके सफल एवं उज्ज्वल भविष्य की कामना करता है।

Airports Authority of India wishes for her successful and bright future.

(अजय कुमार / Ajay Kumar)

संयुक्त महाप्रबंधक (मा.सं.) / Jt. General Manager (HR)

सुश्री मधुरा विनायक गिजरे / Ms. Madhura Vinayak Gijare

बी.टेक. (इएनटीसी) / B.Tech. (ENTC)

महर्षि कर्वे स्त्री शिक्षण संस्था के कमिस कॉलेज ऑफ इंजीनियरिंग फॉर वुमेन / Maharishi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women
पुणे / Pune

Ref: HR/CERT/ C109204

Date: 16-Sep-2022

Associate Name : **Purva Godse**

GID : **C109204**

Address: D/O : Plot no.463, Sector no.25,
Telco Housing Society no.13,
Nigdi, Pradhikaran,
Pune-44.

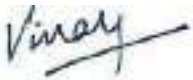
Subject: Internship Completion Certificate

This is to certify that **Purva Godse** (Associate ID – **C109204**) has completed internship program with **Tech Mahindra Ltd. (From 10/06/2022 to 10/09/2022)**. She worked on the project titled **Research on Machine Learning** Under the guidance of **Mr. Nikhil Malhotra**.

Best Wishes for your future endeavors.

Yours sincerely,

For Tech Mahindra Limited,



Vinay Agrawal
Head- Business HR



August 16, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the below said intern has completed his/her Internship under the guidance of the reporting manager.

During this tenure, we found him/her sincere and eager to gain knowledge. we wish him/ her all the very best in his/her future endeavors.

Name : Vaishnavi Kashinath Hapse

Date of Joining : June 02, 2022

Internship End Date : July 29, 2022

Legal Entity : Myntra Designs Pvt. Ltd.

CTC (per month) : 60000

Project Name : Enhancing the existing dashboard for Mysql and Mongoddb dashboard to make it dynamic and real time

Yours sincerely,

For Myntra Designs Pvt.

A handwritten signature in black ink, appearing to read 'Nupur Nagpal', is written over a light-colored rectangular background.

Ltd

Nupur Nagpal

Chief Human Resources Officer

Myntra – U72300KA2007PTC041799

Myntra Designs Private Limited Buildings

Alyssa, Begonia and Clover, Embassy Tech Village,

Outer Ring Road, Devarabeesanahalli Village, Varthur Hobli, Bengaluru – 560103, India
Ph: 080 – 43540100 Website- www.myntra.com

2nd Nov 2022

TO WHOMSOEVER IT MAY CONCERN

Sub: Internship of Harshita at Amazon India ,Mumbai

This is to certify that **Harshita** a student of **MKSSS Cummins College of Engineering for Women, Pune** has completed her internship with **Amazon Transportation Services Pvt. Ltd.** from **30-May-2022** to **29-Jul-2022**

The Project was titled **Territory Bad Scan Control , FDDS and EMD** and assigned by **Tapan V** team under the guidance of **Sheshraj Salvi** . She has successfully completed all the requirements of the project.

We wish her the very best in her future endeavors.

Signature Not Verified

Digitally signed by DS AMAZON DEVELOPMENT CENTRE (INDIA)
PRIVATE LIMITED(1)
Date: 2022.11.02 17:56:21 IST



Regards,
Bengaluru

For Amazon Transportation Services Pvt. Ltd.



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Bhakti Krishna Herwade** from **MKSSS Cummins College of Engineering, Karvenagar(Pune)** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-943**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



August 27, 2022

To Whomsoever It May Concern

This is to certify that **Ms.Aditi Jadhav** has undergone her training with the **Advisory** division, **Mumbai** from **June 02, 2022** to **August 01, 2022**. She was associated with **Technology Consulting**.

She has exhibited a keen interest in learning and has a positive attitude. She is sincere and hard working. The efforts put in by her for the project and the analysis of the subject carried out during the training was outstanding.

We wish **Aditi Jadhav**, the best in her future endeavors.

Regards,

For and on behalf of PricewaterhouseCoopers Services LLP

Aug 27 2022 1:07PM

Shency John

Director - Human Capital

Date: **August 19, 2022**

Experience Certificate

This is to certify that **Ms. Surshree Jadhav** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **June 1, 2022 till July 29, 2022.**

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

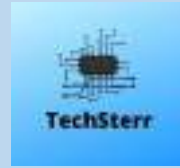
We wish her success in all her future endeavors.

With Best Regards,

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

Potekar Lalita
Digitally signed
by Potekar Lalita
Date: 2022.08.20
18:23:48 +05'30'
Lalita Potekar
Specialist – Human Resources

CC: Personnel File (Personnel Number: 645073)



Website: www.techsterr.co.in

Email: Techsterr61@gmail.com

Date: 09/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the student Miss. **Aditi Jagdale**

Of Electronic and Telecommunication Engineering Department of MKSSS's Cummins College Of Engineering for Women, Pune has satisfactorily completed her internship working on a" Automation of hydroponic farming project" during the period 8th June 2022 to 8th August 2022 under our guidance.

For Techsterr Technology Solutions Pvt. Ltd.

R&D Department

Prajakta Sudrik

Co-founder Techsterr Technology Solutions Pvt. Ltd.



CERTIFICATE

OF INTERNSHIP

THIS IS TO CERTIFY

VAISHNAVI SUNIL JAGTAP

for completing 5 weeks of internship in Machine Learning with the title of
“YouTube adview prediction”
at Internship Studio from 16th June to 21st July 2022.
We wish you all the best for your future endeavours.

ISSUE DATE: 20/07/2022

Kashish kumar

KASHISH KUMAR
Internship Mentor



CERTIFICATE NUMBER
ISMLI8839

Aniket Bihani

ANIKET BIHANI
Founder & CEO





FarmDew
QUALITY GUARANTEED

CERTIFICATE OF INTERNSHIP

This Certificate is Presented To :

VARSHA JAGTAP

For completing 5 weeks of internship in Web development at FARMDEW Private Limited from 15th of June to 30th of July 2022.

We wish you all the best in your future endeavors.

ISSUE DATE: 20/07/2022

Farmdew Retail Private Limited

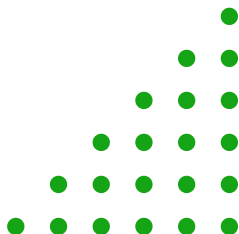
Director

SHUBHAM SHINDE

Founder & CEO

SANDESH GHADAGE

InternShip Mentor



Date: **August 19, 2022**

Experience Certificate

This is to certify that **Ms. Gargi Jain** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **June 1, 2022 till July 29, 2022.**

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 Digitally signed
by Potekar Lalita
Lalita Date: 2022.08.20
18:21:46 +05'30'

Lalita Potekar
Specialist – Human Resources

CC: Personnel File (Personnel Number: 645452)



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Yukta Joshi

from Cummins college of Engineering pune has successfully completed
Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "Face detection and recognition using KNN".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation

भारत सरकार, रक्षा खंडालय
रक्षा अनुसंधान एवं विकास संगठन
आयुध अनुसंधान एवं विकास संस्थापन
डॉ. होमी भाभा रोड,
आयुध डाकघर, पश्चिम,
पुणे - 411021
भारत



स्वा सेवार्थीक सेवार्थे
Service to Services

Government of India, Ministry of Defence
Defence R & D Organisation (DRDO)
Armament R&D Estt. (ARDE)
Dr. Homi Bhabha Road,
Armament Post, Pashan,
Pune - 411021
INDIA

ISO 9001:2015 Certified
ISO 9001:2015 Certified



वेबसाइट / Website : www.drdo.gov.in

No. ARDE/35/2/iv/96-Tech
Sr No. 42/2022

01 Aug 2022

CERTIFICATE

This is to certify that Ms. Jyoti Jangid B. Tech. (Electronics and Telecommunication Engineering) student from Cummins College of Engineering for Women, Pune has successfully completed internship on "Acquisition of IRNSS Signal Satellite" at ARDE as a part of curriculum during 01 Jun 2022 to 31 Jul 2022 under the guidance of Shri Vishwanath Sonna, Sc 'F'.

(E mail: vishwanath.sonna@gmail.com)

During her attachment to this Establishment, her attendance was regular and conduct exemplary.

We wish her very best in her future career.



(Alok Kanhai)
Scientist 'F'
For Director ARDE

Patfoci Technologies Inc.
2450 Marion Road SE, Suite # 1
Rochester, MN 55904-6219 USA

office: +1-507-312-2229
email: info@patfoci.com
website: www.patfoci.com



September 10, 2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the student **Miss. Amrit Prakash Kabir**, of Electronics and Telecommunication Engineering Department of MKSSS's Cummins College of Engineering for Women, Pune, interned with Patfoci Technologies Inc. during the period 15th June 2022 to 15th August 2022. She reviewed literature on electrocardiogram and phonocardiogram signal processing, implemented the Pan-Tompkins algorithm for peak detection in Python and collected sample electrocardiogram and phonocardiogram data using Labchart.

Please contact me with any questions regarding this certificate.

Sincerely,

Dr. Shivaram Poigai Arunachalam, Ph.D., D.B.A.
Founder & CEO

cc: Patfoci records.

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



Certificate of Program Completion

This certifies that
Purva Kane
has successfully completed a
Mitacs Globalink Research Internship
effective December 2022.

Project Title: Design of an artificial intelligence-based controller for a solar inverter
Host University: Université du Québec en Outaouais – Gatineau
Host Professor: Shamsodin Taheri

A circular seal with a serrated edge, containing the text 'Mitacs Globalink Research Internship' in orange and white. The seal is positioned in the lower center of the certificate, overlapping the project details and the signature area.

**Mitacs
Globalink
Research
Internship**

Globalink Research Internships are 12 weeks in duration and interns are required to work 40 hours per week.

A handwritten signature in white ink, reading 'Gail Bowkett', is located in the lower right corner of the certificate.

Gail Bowkett
Vice President, Programs

Date: **August 22, 2022**

Experience Certificate

This is to certify that **Mr. Arya Kaujalgi** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **June 01, 2022 till August 01, 2022.**

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

We wish him success in all his future endeavors.

With Best Regards,

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

Potekar
r Lalita

Digitally signed
by Potekar Lalita
Date: 2022.08.23
11:18:46 +05'30'

Lalita Potekar
Specialist – Human Resources

CC: Personnel File (Personnel Number : 644863)

Endress+Hauser InfoServe (India) Private Limited M- 174 / 175, MIDC, Waluj,
Aurangabad - 431136, Maharashtra, India

Ms. Akanksha Milind Kharkar
Cummins College of Engineering for Women,
Pune, Maharashtra,
Mobile: 8669832074

Contact

Manoj Patil
Business Applications
Phone +91 240 2563673
Cell phone +91 9850826191
manoj.patil@endress.com

Aurangabad, July 29, 2022

Internship Certificate

This is to certify that Ms. Akanksha Milind Kharkar has completed the internship program with Endress+Hauser InfoServe (India) Pvt. Ltd. From 08th Jun 2022 to 29th Jul 2022

During the internship period she got exposure & understanding of following topics

- SAP ERP system and architecture
- Robotic Process Automation
- Digital WorkPlace tools
- First Answer HD - Ticket monitoring system

She could demonstrate entire quotation to cash process in SAP test system which is good achievement for her

During the internship she also demonstrated good design skills with a self-motivated attitude to learn new things. She showed keen interest in learning and helping many activities.

Her performance exceeded expectations

I take this opportunity to thank Akanksha and wish her all the best for future endeavors

Yours Truly



Manoj Patil



Endress+Hauser InfoServe
(India) Private Limited
M- 174 / 175, MIDC, Waluj
Aurangabad - 431136,
Maharashtra, India

Phone +91 240 2563 600
Fax +91 240 2555 179
info.ehis@endress.com
www.infoserve.endress.com



HR-SSC/29-08-2022/333419

29 August 2022

To Whom It May Concern,

This is to certify that **Ms. Shivani Khilari**, student of “**Cummins Women’s College, Pune**” has successfully completed her internship in “**Basics of ISP operations covering ILL, GVPN, TX services**” under the guidance of **Ms. Jyoti Vikrant Kadam** at **Tata Communications Limited** from **08 June 2022 to 08 August 2022** by working at our facility at **Pune-Dighi**.

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,

Vaibhav Kaul

Warm Regards,
Vaibhav Kaul
General Manager

Note: This is an electronically signed document



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Miss Tanaya Kondejkar**, who is pursuing a **B.E. (majoring in Electronics and Telecommunication)** from **Cummins College of Engineering, Pune**, has successfully completed **8 weeks** long internship (**from 01st June 2022 to 31st July 2022**) with our organisation.

Tanaya Kondejkar's job responsibility as an intern at Right Steps Consultancy involved the following tasks:

- **Research Work**
 - a. Research on applying CNN techniques to sonography images.
 - b. Use of deep learning techniques to identify feature set useful for machine learning based prediction/detection algorithms.
 - c. Researched multiple image quality assessment algorithms to identify the best approach (BRISQUE) to determine suitability of sonography images before applying deep learning algorithms.
- **Project: Breast Cancer Detection Algorithm**
 - a. Developed a machine learning algorithm for identification of benign and Malignant tumour.
 - b. Demonstrated excellent grasp of Exploratory Data Analysis and visualisation-based feature selection techniques
 - c. Demonstrated good understanding of Principal Component Analysis techniques for dimensionality reduction
 - d. Demonstrated deep understanding of classification algorithms like Random Forest and kNN.

During the period of her internship program with us she was found to be sincere, proactive, hardworking and inquisitive. We wish her every success in her life and career.

Regards,
For Right Steps Business Solutions Private. Ltd.

Swati Srinivasan
Founder & CEO

M/S MILIND RAMCHANDRA RAJWADE

7 13, Sinhgad Road, P. Cast S. No. 39, H.No.2/91, Manikbaug Industries. Wadgaon Budruk, Pune - 411051
Cell : 9822248278, Email: milindrjwade@gmail.com

Date:1 August 2022.

Ref

To Whomsoever it may concern

This is to certify that **Miss. Vasavi Abhay Kotpalliwar**, C.No.C22020112206, Roll No:3273 studying at MKSSS's Cummins College of Engineering for Women, Pune has successfully completed her internship at Milind Ramchandra Rajwade, Pune, from 1 June 2022 to 30 July 2022.

She has worked on a project titled **Wifi based temperature and humidity detector**. As part of the project, she has completed preliminary objectives of the project.

During her internship, we found her sincere, active and component in executing all assigned tasks and services were found to be satisfactory.

We wish her all the best for her upcoming career.

Regards,



Milind Ramchandra Rajwade

Proprietor





HR-SSC/29-08-2022/333419

29 August 2022

To Whom It May Concern,

This is to certify that **Ms. Tejaswi Mangalapelly**, student of “**Cummins Women’s College, Pune**” has successfully completed her internship in “**Basics of ISP operations covering ILL, GVPN, TX services**” under the guidance of **Ms. Jyoti Vikrant Kadam** at **Tata Communications Limited** from **08 June 2022 to 08 August 2022** by working at our facility at **Pune-Dighi**.

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,

Vaibhav Kaul

**Warm Regards,
Vaibhav Kaul
General Manager**

Note: This is an electronically signed document



Certificate of Completion

We proudly award

Ms Vaishnavi Padhar

for completing 2 months internship (01-June-2022 to 31-July-2022) at House of Aadyaa and handling it all like a champ!

We wish you well in your future endeavours!

Awarded on the 1st August 2022

Sayalee Marathe

FOUNDER

Jaydeep Hingne

CO-FOUNDER

Advance Design Solutions

Shop no.8, Pooja Palace, ShivtejNagar, Plot No.5, Chinchwad, Pune 411019

Email : advdesignsoln2019@gmail.com

Ref No:-010

Date:-31/07/2022

Experience Certificate

This is to certify that **Ms. Ruchi Nitin Bogawat** has worked with Advance Design Solutions w.e.f. June 6, 2022 till July 31, 2022.

Her designation at the time of relieving was

Student Intern.

We wish her success in all her future endeavors.

With Best Regards,



Atul K. Bora
Director
Advance Design Solutions





CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Anjali Jitendra Borkar** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-865**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI

Certificate of Completion

This is to certify that

Rachana Deepak Chougule

of CUMMINS College of Engineering for Women, Pune

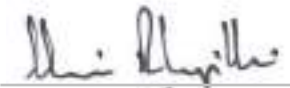
successfully completed

Internship Program for Engineering Students
in Robotics and Automation

between 1 June and 31 July, 2022



Prakalpa Bastianpillai
President



Chris Bastianpillai
Program Director

July 2022

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mayuri Vijay Dhavan

participated in "Web Development"
from 01st Aug, 2022 to 30th Sep, 2022
and successfully completed the program.

12-Oct-2022

DATE



PROJECT HEAD
OVERALL COORDINATOR



CHANDRA ELECTRICAL AND ELECTRONICS

Panacea Building, 753/754 MIDC-Bhosari, Pune – 411026

Electronic Manufacturing Service



CERTIFICATE

This is to certify that **Miss. Harsha Sunil Shendge**, is a student of **MKSSS's Cummins College of Engineering for Women Pune**, has undergone her internship training of 2 months from 6th June 2022 to 6th August 2022 in **Chandra Electricals & Electronics**, Pune. During her tenure she was working in SMT, Production, Testing, Inwards QA and Electronic Fault Finding. She is polite and honest to her work.

We wish her success in all her future endeavors.

or **Chandra Electricals & Electronics**

Proprietor

Himanshu P. Modi

(Authorized Signatory)

Ref: Cummins/PSBU/CIL/ENGG/
Date- 06-11-2022

CERTIFICATE

This is to certify that **Rucha Jagtap** from Cummins College of Engineering, Pune has successfully completed her Project in Cummins Technologies India Pvt Limited - Power Systems Business Unit.

she has done her project with us from 06th Jun.2022 to 06th Aug.2022

The topic of her project was- **To develop system architect diagram for PSBU advance control system.**

Her performance was found satisfactory during the period.

We wish her all the best for all her future endeavors.

For Cummins Technologies India Pvt Limited

A handwritten signature in blue ink, appearing to read 'Soumitra Mehrotra', with a date '11/11/22' written below it.

Soumitra Mehrotra
General Manager-HR.

Cummins Technical Centre India
Division of Cummins Technologies India Private Limited
Survey No. 31(pt), 32(pt), 33(pt)
Dhanukar Colony, Kothrud
Pune 411 038 Maharashtra, India
Phone +91 20 2538 5435/ 2538 0240
Fax +91 20 2538 0125
Cumminsindia.com
ctipl@cummins.com

Registered Office
Cummins Technologies India Private Limited, Cummins India Office Campus
Tower A, 2nd, 4th and 8th Floor, Sr. No. 21, Balewadi, Pune – 411 045
CIN: U29113PN1994FTC139153

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Purva Barge

from Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "**Fitness Management Application**".
The internship is conducted from July 2022 to September 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



Certificate of Completion

This is to certify that
Tulika Rajiv Choudhary

has successfully completed Virtual Internship* program under

** This certificate does not qualify for academic credits.*



Affiliate Partners:



Choudhury

Indrani Choudhury
Chief Learning Officer, Microsoft India

Kirti Seth

Kirti Seth
CEO, IT-ITeS SSC NASSCOM

Issue Date: 08 Jun 2022

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



Suyunoy Mechanicals Pvt. Ltd.

Plot No. 1, Sector 10, Gurgaon, Haryana
Gurgaon, Haryana, India - 122001

Date: 10/08/2022

INTERVIEW NOTICE

We are hereby inviting **Mr. Sachin Kumar** for computerized interview process of job on 07 August 2022 at Suyunoy Mechanicals Pvt. Ltd. and will work commensurate with ongoing projects.

We welcome all the queries for this notice.



Suyunoy Mechanicals Pvt. Ltd.



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Shraddha Magdum

From Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "Credit Card Default Prediction".
The internship is conducted from June 2022 to August 2022

Dr Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director
Connecting Dreams Foundation



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Shweta Magdum

From Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "Credit Card Default Prediction".
The internship is conducted from June 2022 to August 2022

Dr Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director
Connecting Dreams Foundation

Date: **July 29, 2022**

Experience Certificate

This is to certify that **Ms. Mayuri Mahajan** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **June 1, 2022 till July 29, 2022.**

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: 2022.07.29
12:34:25 +05'30'

Lalita Potekar
Specialist – Human Resources

CC: Personnel File (Personnel Number: 644939)



CERTIFICATE OF INTERNSHIP



to certify

Vishakha Managoli

This is to certify that Vishakha Managoli has worked in our organization as Web Developer Intern for 2 Months. During this period, She successfully completed the work assigned to her and has been sincere, hardworking and punctual in his work.

ABHISHEK ROUSHAN
Digitally signed
by ABHISHEK
ROUSHAN

Abhishek Roushan

COO



GAURAV YOGESH MISHRA
Digitally signed
by GAURAV
YOGESH MISHRA

Gaurav Mishra

CTO





July 15, 2022

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Manasvi Mattoo (EE ID 132148)** has done internship at Mastercard Technology Private Limited from May 16, 2022 to July 15, 2022 on **Operations and Technology** under the guidance of **Kapil Banwari**.

We take this opportunity to thank and wish all the best for future endeavors.

Yours faithfully,

A handwritten signature in blue ink that reads "D. 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



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Adiba Ajeem Mulla** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-866**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI

CIN: U72900PN2016PTC166292

Regd. Off. 911 - 1, Plot No. 16, Ganesh Colony, Radhanagari Road,
Kolhapur. Maharashtra 416 012 Ph: 0231 - 2644631/2645631
Email: sachingavali@imaginecomps.com, imspl@imaginecomps.com
Mobile: 9822090631 / 9822655197

Imagine
MULTI SERVICES PVT. LTD.

CERTIFICATE OF INTERNSHIP

This is to certify that **Ms. Sharvari Avadhut Mungale**, student of MKSSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, PUNE has successfully completed the internship programme from **08th June 2022 to 31st July 2022** in our organization Imagine Multi Services Pvt. Ltd. at Kolhapur.

Signature of Authorized



Imagine Multi Services Pvt. Ltd.

Mr. Sachin B Gavali

(Director)





KAVIN
Information Technology Services

KAVIN INDIA PVT LTD
www.kavinindia.com

Date: 09th August, 2022
Candidate Name: Bhairavi Naik
College Name: Cummins College, Pune
Department: Electronic and Telecommunication, 6th Sem.
City: Pune

Subject: Internship Completion Certificate

Dear Bhairavi,

This is to certify and confirm that your IT internship with Kavin India Pvt Ltd on "Cloud CRM: Salesforce" had been completed successfully.

We are glad to inform you that your performance during this internship was found good. Your Internship duration was of 2 months and conducted from 07th June, 2022 to 08th August, 2022. We wish you good luck for your future endeavors.




Technical Head
Kavin India Pvt Ltd
(Authorized Signatory)

CORPORATE OFFICE
1414, Hunters Glen Dr, Plainsboro New Jersey - 08536, USA
Tel: +1-443-878-2147, Fax: +1-443-548-0904

GLOBAL DEVELOPMENT CENTER
#21, Bonare, Denise Avenue, Morningside, Sandton, Johannesburg - 2169 SA,
Tel: +27-730-606939

HEAD OFFICE
#P/5/A,102/201, Akanksha, RPTS Road, Lasmi Nagar, Nagpur - 440022, INDIA,
Tel: +91-712-6464622, Fax: +91-712- 2248422

BRANCH OFFICE
Ground Floor, Anand Palace - 11, Opp. Vasant Dada Polytechnic,
Nandavan, Nagpur - 09, Tel : 712 - 2712012, Cell : 92256 70888

IT INTERNSHIP - CERTIFICATE OF COMPLETION

To Whomsoever It May Concern

Date: 09/08/2022

Place: Pune

This is to certify and confirm that **Ms. Bhairavi Naik [Intern]**, student of 6th Sem. Electronics and Telecommunication, Cummins College, Pune has done an Internship work in IT-NetworkZ Infosystems Pvt. Ltd., Nagpur (Kavin's group of company) and has completed it in accordance with the approved modules and specifications based on "Application Development using Java", under the organization's guidance and supervision.

Her Internship duration was 2 months and conducted from 07th June, 2022 to 08th August, 2022. During this Internship, her performance was found good.

We wish her good luck for her future endeavors.



Project Head
IT-NetworkZ
(Authorized Signatory)



HR -
IT-NetworkZ
(Authorized Signatory)

Certificate of Completion

ROBOMINDS
Internship Program

This is to certify that

Siddhi Nawnath Nalawade

of CUMMINS College of Engineering for Women, Pune

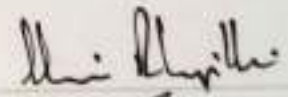
successfully completed

Internship Program for Engineering Students
in Robotics and Automation

between 1 June and 31 July, 2022



Prakalpa Bastianpillai
President



Chris Bastianpillai
Program Director

July 2022



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Nandini Singh

from Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "**Automated bank-cheque data verification**".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



21.07.2022

TO WHOM IT MAY CONCERN

Dear Sir/Madam

This is to certify that Ms. Rutuja Ner, student of MKSSS's Cummins College of Engineering for Women, Pune has successfully completed her project titled Cloud Monitoring System using Prometheus and Grafana at SAP Labs India Pvt. Ltd., Bangalore under the guidance of Mr. Senthilnathan K., Development Manager.

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.

This project is in partial fulfillment of the requirements for the award of the degree B.Tech for the academic year 2022-2023. The duration of the project was from 30th May 2022 to 29th July 2022.

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

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Sabish'.

Sabish Kovath Bhaskar
Manager, Local HR Services India

Confidential

August 05, 2022

Intern Name: Mrunal Nilgilwar

Intern ID: 2084030

Re: Certificate of completion of Internship

Dear Mrunal,

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from Jun 06, 2022 till August 05, 2022 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relieve you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact Indiafinalsettlement@wellsfargo.com if you have any questions on the exit process.

Sincerely,

For Wells Fargo International Solutions Private Ltd

Durgesh Nagarkatte

Vice President – HR



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



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

29-Jul-22

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Aditi Oak** 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, Hyderabad** from 6-Jun-22 to 29-Jul-22. She has completed the internship under the guidance of Naresh Bade (Nbade) and Anubhav Natani (Annatani).

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



July 15, 2022

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Ojaswita Sharma (EE ID 132146)** has done internship at Mastercard Technology Private Limited from May 16, 2022 to July 15, 2022 on **Operations and Technology** under the guidance of **Richa Malewar**.

We take this opportunity to thank and wish all the best for future endeavors.

Yours faithfully,

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

For: Mastercard Technology Private Limited
People_services@mastercard.com
Global Business Services Centre - HR Services



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Gauri Pranay Padmawar** from **MKSSS Cummins College of Engineering, Karvenagar(Pune)** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-938**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



Website: www.techsterr.co.in

Email: Techsterr61@gmail.com

Date: 09/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the student Miss. **Nikita Pardeshi**

Of Electronic and Telecommunication Engineering Department of MKSSS's Cummins College Of Engineering for Women, Pune has satisfactorily completed her internship working on a "Automation of hydroponic farming project" during the period 8th June 2022 to 8th August 2022 under our guidance.

A handwritten signature in blue ink, appearing to be "Prajakta Sudrik", written over a horizontal line.

For Techsterr Technology Solutions Pvt. Ltd.

R&D Department

Prajakta Sudrik

Co-founder Techsterr Technology Solutions Pvt. Ltd.

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>

29-Jul-22

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Maitreyee Parkhi** 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 6-Jun-22 to 29-Jul-22. She has completed the internship under the guidance of Nitin Dubey (Nitindubey) and Rakesh Khanduja (Rakesh.Khanduja).

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 "Maitreyee Parkhi".

Signature of Candidate

Microsoft India (R&D) Pvt. Ltd.



August 27, 2022

To Whomsoever It May Concern

This is to certify that **Ms.Prachi Parvate** has undergone her training with the **Advisory** division, **Mumbai** from **June 02, 2022** to **August 01, 2022**. She was associated with **GDC**.

She has exhibited a keen interest in learning and has a positive attitude. She is sincere and hard working. The efforts put in by her for the project and the analysis of the subject carried out during the training was outstanding.

We wish **Prachi Parvate**, the best in her future endeavors.

Regards,

For and on behalf of PricewaterhouseCoopers Services LLP

Aug 27 2022 1:10PM

Shency John

Director - Human Capital



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Aditi Anandrao Patil** from **MKSSS Cummins College of Engineering, Karvenagar(Pune)** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-927**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI

Certificate of Completion

ROBO MINDS
Internship Program

This is to certify that

Gauri Deepak Patil

of CUMMINS College of Engineering for Women, Pune

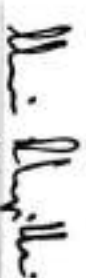
successfully completed

Internship Program for Engineering Students
in Robotics and Automation

between 1 June and 31 July, 2022



Prakalpa Bastianpillai
President



Chris Bastianpillai
Program Director

July 2022

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>

29-Jul-22

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ishwari Patil** 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 6-Jun-22 to 29-Jul-22. She has completed the internship under the guidance of Raghavendra Hegde (Rahegd) and Saravanan Thanu (Saravanan.Thanu).

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.

6th Aug 2022

Ref. No.: 18/22-23/034

To whomsoever it may concern

Dynamic Cranes Pvt. Ltd certifies that Kinjal Patil successfully completed the internship program from 04th Jun to 03rd Aug 2022 at our corporate office in R&D Department.

During this time, following tasks were assigned to her:

- 1) To understand the functioning of Open CPU & functionalities of IoT.
- 2) To understand & learn programming concepts to handle Open CPU (M66).
- 3) To generate a complete project report using schematics and related documentation.

She gained and applied the knowledge of ARDUINO IDE Software during the internship,

Kinjal Patil displayed professional traits during her internship period and managed to complete all assigned work as requested. She was hardworking, dedicated and committed. It was a pleasure having her with us in this short period.

I wish all the success in her future endeavours.

For Dynamic Crane Engineers Pvt. Ltd.


Nitin Gokhale
(Director)



Certificate of Completion

This is to certify that

Prajakta Santosh Patil

of CUMMINS College of Engineering for Women, Pune

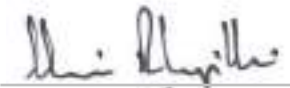
successfully completed

Internship Program for Engineering Students
in Robotics and Automation

between 1 June and 31 July, 2022



Prakalpa Bastianpillai
President



Chris Bastianpillai
Program Director

July 2022



Regd. Office:
Wells Fargo Centre, Building 1A,
Divyasree NSL SEZ, Survey No. 66/1,
Raidurga Village, Serilingampalli,
Hyderabad, India - 500032
91 40 4023 1000, 91 40 4023 1100 (Fax)
CIN: U72200TG2006PTC051001

Wfindia.legal@wellsfargo.com

Wells Fargo International Solutions Private Ltd
(Formerly Wells Fargo EGS (India) Private Ltd)
Wells Fargo Center, Embassy Tech Village (SEZ),
Devarabeesanahalli, Outer Ring Road,
Varthur Hobli, Bengaluru -560103, India
91 80 4397 4000, 91 80 4397 4100 (Fax)

August 05, 2022

Intern Name: Sayali Patil

Intern ID: 2075267

Re: Certificate of completion of Internship

Dear Sayali,

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from Jun 06, 2022 till August 05, 2022 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relieve you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact Indiafinalsettlement@wellsfargo.com if you have any questions on the exit process.

Sincerely,

For Wells Fargo International Solutions Private Ltd

Durgesh Nagarkatte

Vice President – HR





July 15, 2022

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Gayatri Patki (EE ID 132147)** has done internship at Mastercard Technology Private Limited from May 16, 2022 to July 15, 2022 on **Operations and Technology** under the guidance of **Archit Kaushal**.

We take this opportunity to thank and wish all the best for 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 decorative border.

For: Mastercard Technology Private Limited
People_services@mastercard.com
Global Business Services Centre - HR Services



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

August 26, 2022

Tel +91 (20) 71296000

SERVICE CERTIFICATE

This is to certify that Ms. Poonam Ankushrao Pawar was employed with us from May 30, 2022 to July 22, 2022 as an Intern in the IS Shared Services PN 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. Poonam Ankushrao Pawar 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 'Poonam', written over a horizontal line.

**Authorised Signatory
Human Resources**



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Radha Pawar

From Nitte Meenakshi Institute of Technology, Bengaluru has successfully completed Virtual Micro-Internship under _VOIS for TechUniversity Engagement Program's Innovation Marathon 2022 to develop a project on "YouTube Transcript summarization using NLP".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller

Aug 05, 2022

Experience Certificate

This is to certify that **Ms. Apoorva Purohit (Empl ID: 22515211)** has interned with Samsung R&D Institute India – Bangalore Pvt. Ltd., from **Jun 06, 2022** to **Aug 05, 2022**.

For Samsung R & D Institute – Bangalore Pvt. Ltd.



Chetan Swatup Purohit
Director
Human Resources



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Mansi Raskar

from Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "**Fitness Management Application**".
The internship is conducted from July 2022 to September 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation

ECUBE INTEGRATED SOLUTIONS (OPC) PVT LTD

To Whom It May Concern

This is to certify that Ms. Akanksha Dhananjay Salunkhe has completed 2 Month Internship with us from 15 Jun 2022 to 13 Aug 2022.

During this tenure she has undertaken various tasks including YOLO Algorithm on Open CV, Vehicle identification. She has worked with commitment and always shown enthusiasm to learn. We found her hard working, sincere and confident to her job.

She has always shown a keen interest in the field of networking, Hardware/Software Integration. We have been observing her growth closely and wish her good luck for her higher academics and success in her future ventures.

Regards,
Pramod Sapakal
Ecube Integrated solutions Pvt Ltd





July 15, 2022

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Sandipta Sahoo (EE ID 131970)** has done internship at Mastercard Technology Private Limited from May 16, 2022 to July 15, 2022 on **Operations and Technology** under the guidance of **Archit Kaushal**.

We take this opportunity to thank and wish all the best for 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



_VOIS



CERTIFICATE OF INTERNSHIP

This is to certify that

Sapna Shekhar

from Cummins College of Engineering for Women, Pune has successfully completed
Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "**Automated bank-cheque data verification**".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Rojina Shaikh

from Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "Automated bank-cheque data verification".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



July 15, 2022

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Fatma Bano Sheikh (EE ID 131978)** has done internship at Mastercard Technology Private Limited from May 16, 2022 to July 15, 2022 on **Operations and Technology** under the guidance of **Kiran Muddana**.

We take this opportunity to thank and wish all the best for 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 decorative border.

For: Mastercard Technology Private Limited
People_services@mastercard.com
Global Business Services Centre - HR Services



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Pradnya Shendge

From Nitte Meenakshi Institute of Technology, Bengaluru has successfully completed Virtual Micro-Internship under _VOIS for TechUniversity Engagement Program's Innovation Marathon 2022 to develop a project on "YouTube Transcript summarization using NLP".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation

APASTRON

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

Parti Shinde

for successfully completing the internship in Apastron Technologies Pvt Ltd
hosted from June 6, 2022 to July 31, 2022. We appreciate your contribution
and have thoroughly enjoyed having you as an intern at Miles.
We wish you the best in your future endeavours.



Authorized Signatory

ASW/PERS/2022

6th August 2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Manasi Nandkumar Shitole** students of **B.Tech. - ENGINEERING** from **MKSSS's Cummins Collage of Engineering For Women, PUNE - 411 052.** has successfully completed her Internship Training under the guidance of **Mr. Manoj Malpure** (Manager - Quality Control) from 15th June 2022 to 6th August 2022.

We observed that she was very sincere and hardworking during her tenure.

We wish her a successful and prosperous career ahead.

For L&T Electrical and Automation

(ESE Division)

DG Kulkarni

Dhananjay Kulkarni.

DGM - HR & Personnel



Date : 29-Jul-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Shreya Nair** student of **Others, Maharashtra**, has successfully completed the internship program from **02-Jun-2022** to **29 Jul 2022** with us under the guidance of **Vishal Bansal, Senior Manager II, Software Engineering**.

We wish all the success in pursuit of her academic achievements and professional career.

for WM Global Technology Services India Pvt. Ltd.,



Akash Gupta

Director, Total Rewards & HR Operations



August 31, 2022

To Whomsoever It May Concern

This is to certify that **Ms.Sneha Sharma** has undergone her training with the **Advisory** division, **Bangalore** from **June 02, 2022** to **August 01, 2022**. She was associated with **Technology Consulting**.

She has exhibited a keen interest in learning and has a positive attitude. She is sincere and hard working. The efforts put in by her for the project and the analysis of the subject carried out during the training was outstanding.

We wish **Sneha Sharma**, the best in her future endeavors.

Regards,

For and on behalf of PricewaterhouseCoopers Services LLP

Aug 31 2022 6:54PM

Shency John

Director - Human Capital



We create chemistry

Date: 1.08.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Asawari Surange** has successfully completed her internship at **BASF Chemicals India Private Limited**. The duration of her training was from **1st June 2022** to **31st July 2022**.

We wish **Ms. Asawari Surange** the best of luck in her future endeavors.

For BASF Chemicals India Private Limited

A handwritten signature in black ink, appearing to read "Nalini Nutan".

Nalini Nutan
Authorized Signatory

Registered Office
BASF Chemical India Private Limited
The Capital,
1204-C, 12th floor,
Plot no.C-70, 'G' Block
Bandra Kurla Complex,
Bandra (East),
Mumbai- 400051
Internet www.basf.com

Internal

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Mayuri Uttarwar

from Cummins College of Engineering for Women, Pune has successfully completed
Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "**Fitness Management Application**".

The internship is conducted from July 2022 to September 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



ECUBE INTEGRATED SOLUTIONS (OPC) PVT LTD

To Whom It May Concern

This is to certify that Ms. Janvi Bhanudas Veer has completed 2 Month Internship with us from 15 Jun 2022 to 13 Aug 2022.

During this tenure he has undertaken various tasks including YOLO Algorithm on Open CV, Vehicle identification. he has worked with commitment and always shown enthusiasm to learn. we found him hard working, sincere and confident to her job.

She has always shown a keen interest in the field of networking, Hardware/ Software Integration. We have been observing her growth closely and wish her good luck for her higher academics and success in her future ventures.

Regards,

For Ecube Integrated solutions Pvt Ltd



Praamod Sapakal

M/S MILIND RAMCHANDRA RAJWADE

7 13, Sinhgad Road, P. Cast S. No. 39, H.No.2/91, Manikbaug Industries. Wadgaon Budruk, Pune - 411051
Cell : 9822248278, Email: milindrrojwade@gmail.com

Date:1 August 2022.

Ref

To Whomsoever it may concern

This is to certify that **Miss.Swarada Mangesh Vidar**, C.No.C22019111265, Roll No:3262 studying at MKSSS's Cummins College of Engineering for Women, Pune has successfully completed her internship at Milind Ramchandra Rajwade, Pune, from 1 June 2022 to 30 July 2022.

She has worked on a project titled **Wifi based temperature and humidity detector**.As part of the project, she has completed preliminary objectives of the project.

During her internship,we found her sincere, active and component in executing all assigned tasks and services were found to be satisfactory.

We wish her all the best for her upcoming career.

Regards,



Milind Ramchandra Rajwade

Proprietor





_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Aditi Wadatkar

from Cummins College of Engineering for Women, Pune has successfully completed
Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "**Automated bank-cheque data verification**".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Anushree Wagh** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-874**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



_VOIS



CERTIFICATE OF INTERNSHIP

This is to certify that

Kartiki Salve

From Nitte Meenakshi Institute of Technology, Bengaluru has successfully completed
Virtual Micro-Internship under _VOIS for TechUniversity Engagement Program's Innovation Marathon 2022
to develop a project on "YouTube Transcript summarization using NLP".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



25 August 2022

PROJECT COMPLETION CERTIFICATE

This is to certify that **Ms. Janhavi Awate (31191)** worked as an Intern in our organization as a part of her academic curriculum from **14 June 2022 to 13 August 2022**.

As a part of her project study, she worked on “**Human Detection in video using Deep learning and OpenCV (YOLO Algorithm)**” and has successfully completed the same.

Her contributions are noteworthy and she has also exhibited a lot of enthusiasm to learn New skills, concepts and algorithms, etc.

We wish her success in all her future endeavors.

Best Regards,

For Tata Elxsi Limited

Geetha Kannan

Corporate Manager – Immigration & HR Operations

2nd Nov 2022

TO WHOMSOEVER IT MAY CONCERN

Sub: Internship of Pranali Mane at Amazon India ,Mumbai

This is to certify that **Pranali Mane** a student of **MKSSS Cummins College of Engineering for Women, Pune** has completed her internship with **Amazon Transportation Services Pvt. Ltd.** from **30-May-2022** to **29-Jul-2022**

The Project was titled **Territory Bad Scan Control** and assigned by **Tapan V** team under the guidance of **Sheshraj Salvi** . She has successfully completed all the requirements of the project.

We wish her the very best in her future endeavors.

Signature Not Verified

Digitally signed by DS AMAZON DEVELOPMENT CENTRE (INDIA)
PRIVATE LIMITED(1)
Date: 2022.11.02 17:56:21 IST

Regards,
Bangalore



For Amazon Transportation Services Pvt. Ltd.



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Shafa Dadamiya Mulla** from **MKSSS Cummins College of Engineering, Karvenagar(Pune)** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-940**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Sneha Suresh Pawar** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, **National Instruments Innovation Center**.
Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-871**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI

M/S MILIND RAMCHANDRA RAJWADE

7.13, Sinhgad Road, P. Cast S. No. 39, H.No.2/91, Manikbaug Industries, Wadgaon Budruk, Pune - 411051
Cell : 9822248278, Email: milindrrajwade@gmail.com

Date:1 August 2022.

Ref

To Whomsoever it may concern

This is to certify that *Miss.Nivedita Kakasaheb Shinde*, C.No.C22020112206, Roll No:3273 studying at MKSSS's Cummins College of Engineering for Women, Pune has successfully completed her internship at Milind Ramchandra Rajwade, Pune, from 1 June 2022 to 30 July 2022.

She has worked on a project titled **Wifi based temperature and humidity detector**.As part of the project, she has completed preliminary objectives of the project.

During her internship,we found her sincere, active and component in executing all assigned tasks and services were found to be satisfactory.

We wish her all the best for her upcoming career.

Regards,



Milind Ramchandra Rajwade

Proprietor





EMPROTEK™

Endeavouring Embedded™

Certificate of Appreciation

This certificate is awarded to

MISS. AKANSHA DATTA SHINGADE

On 30-JULY-2022

For INTERNSHIP IN EMBEDDED SYSTEMS (2 MONTHS)

We are thankful for contribution you have made to the company.

Shriram Kulkarni

Director



Prachi Kulkarni

Director



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. TEENU AWACHAT** from **MKSSS Cummins College of Engineering, Karvenagar(Pune)** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-939**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



ZEAL
ELECTROMECH



Survey No. 27/1,
Malhari Bhosale Industrial Estate,
Narhe-Dhayari Road,
Pune - 411041
Maharashtra, India.



contact@zealelectromech.com
www.zealelectromech.com



+91 735 000 3513
+91 774 499 3833

CERTIFICATE

Date : 07-08-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.Thodeti Chrishma N Malleswararao student of Electronics and Telecommunication from MKSS'S cummins College of Engineering For Women, has successfully, completed

Summer Internship On 'A Recruitment And Selection Process' at Zeal Electromech Pvt.Ltd.

The duration of Summer Internship Project was from 07th Jun 2022 to 07th Aug 2022. During this internship, we found her to be sincere and we wish her success for future.

Authorized Signatory



7th Aug 2022

TO WHOMSEVER IT MAY CONCERN

This is to certify that Ms. Mitali Gurkhuprasad Agrawal, student of MKSSS's Cummins College of Engineering for Women, Pune has completed her training and internship from 6th Jun 2022 to 6th Aug 2022 at DataNutts IT Solutions, Pune in Cloud Data Migration under the guidance of Mr. Thomas Joseph.

During the period of this internship, we found her to be very diligent, curious, hardworking, and result-oriented. She has completed all the tasks assigned to her with great sincerity. We wish her all the best for her future endeavors.

For DataNutts IT Solutions

Authorized Signatory




CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Rashī Rahul Bharade** from **MKSSS Cummins College of Engineering, Karvenagar(Pune)** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-944**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI

Certificate of Completion

This is to certify that

Ankita Adhikrao Chavan

of CUMMINS College of Engineering for Women, Pune

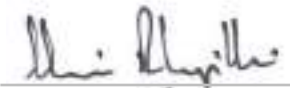
successfully completed

Internship Program for Engineering Students
in Robotics and Automation

between 1 June and 31 July, 2022



Prakalpa Bastianpillai
President



Chris Bastianpillai
Program Director

July 2022



Website: www.techsterr.co.in

Email: Techsterr61@gmail.com

Date: 09/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the student Miss. **Mugdha Daware**

Of Electronic and Telecommunication Engineering Department of MKSSS's Cummins College Of Engineering for Women, Pune has satisfactorily completed her internship working on a "Automation of hydroponic farming project" during the period 8th June 2022 to 8th August 2022 under our guidance.

For Techsterr Technology Solutions Pvt. Ltd.

R&D Department

Prajakta Sudrik

Co-founder Techsterr Technology Solutions Pvt. Ltd.



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Sindhuja Dhawale** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-872**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



0831- 4263506 / 8971020906 /9620182606
service@softmusk.com, sales@softmusk.com

SOFTMUSK INFO PVT LTD

Serving IT to serve you...

GSTIN: 29ABCCS3792D1Z5

CTS No - 1049/A2, S No - 86/2 FS Plaza 3rd Floor, Khanapur road, Tilakwadi, Belgaum-590006 KARNATAKA.

Date: 26-08-2022

TO WHOME IT MAY CONCERN

This is to certify that **Miss. Priyanka Gadewar** student of **Cummins College of Engineering for Women Pune (Electronic & Telecommunication Engineering, 6th Semester)**, had successfully completed internship program from **07th July 2022 to 17th Aug 2022** at our company. She worked on **Sales Order Bridge Module using AI Project** in Core PHP. During the period of her internship program with us she was found punctual, hard-working and inquisitive.

We wish her every success in life.



Authorized Signature
SOFTMUSK INFO PVT LTD



0831- 4263506 / 8971020906 /9620182606
service@softmusk.com, sales@softmusk.com

SOFTMUSK INFO PVT LTD

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GSTIN: 29ABCCS3792D1Z5

CTS No - 1049/A2, S No - 86/2 FS Plaza 3rd Floor, Khanapur road, Tilakwadi, Belgaum-590006 KARNATAKA.

Date: 26-08-2022

TO WHOME IT MAY CONCERN

This is to certify that **Miss. Priyanka Gadewar** student of **Cummins College of Engineering for Women Pune (Electronic & Telecommunication Engineering, 6th Semester)**, had successfully completed internship program from **07th July 2022 to 17th Aug 2022** at our company. She worked on **Sales Order Bridge Module using AI Project** in Core PHP. During the period of her internship program with us she was found punctual, hard-working and inquisitive.

We wish her every success in life.



Authorized Signature
SOFTMUSK INFO PVT LTD



Avery Dennison
Label & Graphic
Materials - South Asia

11th floor, Spaze Platinum Towers,
Sohna Road Gurgaon - 122002, India

Internship Completion Certificate

Date: 11 October 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Shruti Gawas has successfully completed her internship in Information Technology team with Avery Dennison India Pvt. Ltd. from 8th June 2022 to 5th August 2022

During the internship she has demonstrated self-motivation to learn new skills. Her performance exceeded our expectations.

We wish her all the best for her upcoming career.

Best Regards,

For Avery Dennison India Pvt. Ltd.

A handwritten signature in blue ink, appearing to read 'S. Agarwal'.

Saurabh Agarwal
Senior Director & General Manager | South Asia



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Dhanashree Ghotikar** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-864**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



CERTIFICATE OF PARTICIPATION



This is to certify that the Mr./Ms. Harshada Giradhari from MKSSS Cummins College of Engineering, Karvenagar(Pune) has successfully completed the Six week Internship/ Professional Training Program on Machine Learning with Python from 06th June to 18th July 2022 under the Center of Excellence, National Instruments Innovation Center. Issued date is 18th July 2022 with Reference No NIIC/COE/SI/ML 0722-034.

Mr. P. Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI

Ref:BT/HR/Intrnshp/21-21/10/45

13th August 2022

To Whomsoever It May Concern

This is to certify that, **Ms. Rujuta Rajesh Giri** has successfully completed her internship in **Brisa Technologies Pvt. Ltd., Bangalore**, starting from **6th June,2022 to 6th August,2022**. She has been relieved from all her duties, effective from **6th August 2022**.

She explored and worked as **Trainee Software Testing**.

She proven to be a good team member throughout her term and had the ability to self – learn.

Her conduct was good throughout this period.

For Brisa Technologies Pvt. Ltd.,



The image shows a handwritten signature in blue ink to the left of a circular blue stamp. The stamp contains the text "BRISA TECHNOLOGIES PVT. LTD." around the perimeter and a small star in the center.

Subodh Patil
CEO

Certificate of Internship


To Whom it May Concern

August 10, 2022

Sub: Certificate of Internship / Training Completion

This is to certify that **Ms. Vaishnavi Gulavani** has successfully completed Internship Project at **ez consultants**. The project was for a duration of 1.5 months from 29th Jun 2022 to 10th Aug 2022.

The preliminary objective of the internship project was successfully met by intern.

Regards,
for, 
Yadunath R. Deshpande
(Proprietor)





CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Divya H R** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the **Center of Excellence, National Instruments Innovation Center**. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-863**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Pranjali Junje** from **MKSSS Cummins College of Engineering, Karvenagar(Pune)** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-925**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Samruddhi Kadam

From Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "Credit Card Default Prediction".
The internship is conducted from June 2022 to August 2022

A handwritten signature in black ink, appearing to read 'Nilay'.

Dr Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



A handwritten signature in black ink, appearing to read 'Nagesh'.

Nagesh Singh

Director
Connecting Dreams Foundation

7th Aug 2022

TO WHOMSEVER IT MAY CONCERN

This is to certify that Ms. Nikita Anil Kadav, student of MKSSS's Cummins College of Engineering for Women, Pune has completed her training and internship from 6th Jun 2022 to 6th Aug 2022 at DataNutts IT Solutions, Pune in Cloud Data Migration under the guidance of Mr. Thomas Joseph.

During the period of this internship, we found her to be very diligent, curious, hardworking, and result-oriented. She has completed all the tasks assigned to her with great sincerity. We wish her all the best for her future endeavors.

For DataNutts IT Solutions

Authorized Signatory




Safety • Quality • Reliability

SIIL/HR/IC/AK/10082022

August 10, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify as follows:

1. **Ms. Aachal Kadoo**, Student of Cummins College of Engineering for Women, Pune has successfully completed her Internship from **June 10, 2022 to August 10, 2022** with our Organization.
2. The Internship Topic undertaken by her was titled **“EEL MIS - Web Development”**.
3. During the period, she was found hardworking, diligent and inquisitive.

We wish her all success in her future endeavors.

Solar Industries India Limited


Authorized Signatory



Solar Industries India Limited

Regd. Office : "Solar" House, 14, Kachimet, Amravati Road, Nagpur - 440 023, INDIA

☎ (+91)712-6634555/567 📠 (+91)712-6634578-579 ✉ solar@solargroup.com

CIN : L74999MH1995PLC085878 🌐 www.solargroup.com



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Priyanka Prakash Kajave** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, **National Instruments Innovation Center**.
Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-870**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



CERTIFICATE OF PARTICIPATION



This is to certify that the *Mr./Ms. VAIDEHI KALORE* from *MKSSS Cummins College of Engineering, Karvenagar(Pune)* has successfully completed the Six week *Internship/ Professional Training Program on Machine Learning with Python* from *06th June to 18th July 2022* under the Center of Excellence, National Instruments Innovation Center. Issued date is *18th July 2022* with Reference No *NIIC/COE/SI/ML 0722-928*.

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI

Date: **August 19, 2022**

Experience Certificate

This is to certify that **Ms. Pradnya Kanale** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **June 1, 2022 till July 29, 2022.**

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 Digitally signed
by Potekar Lalita
Lalita Date: 2022.08.20
18:21:06 +05'30'

Lalita Potekar
Specialist – Human Resources

CC: Personnel File (Personnel Number: 645276)

Schlumberger

CERTIFICATE

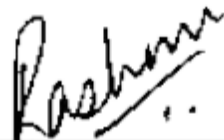
OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Maithili Karlekar

Type your text

has successfully completed internship, over the duration of 30-May-2022 to 29-July- 2022, at the Pune Technology Center and worked on project titled "Create reusable Java Library for cloud messaging"



Rashmi Kumat
Pune Technology Center Manager



Shamecka Ferrnandis
Technology Center HR Manager

Certificate of Internship

To Whom It May Concern

August 10, 2022

Sub: Certificate of Internship / Training Completion

This is to certify that **Ms. Priyanka Khade** has successfully completed Internship Project at **ez consultants**. The project was for a duration of **1.5 months** from 29th Jun 2022 to 10th Aug 2022.
The preliminary objective of the internship project was successfully met by intern.

Regards,
for, *Sadram*
Yadunath R. Deshpande
(Proprietor)



M/S MILIND RAMCHANDRA RAJWADE

7 13, Sinhgad Road, P. Cast S. No. 39, H.No.2/91, Manikbaug Industries, Wadgaon Budruk, Pune - 411051
Cell : 9822248278, Email: milindrajwade@gmail.com

Date: 1 August 2022.

Ref

To Whomsoever it may concern

This is to certify that **Miss. Vaishnavi Mahendra Kharat**

studying at MKSSS's Cummins College of Engineering for Women, Pune has successfully completed her internship at Milind Ramchandra Rajwade, Pune, from 1 June 2022 to 30 July 2022.

She has worked on a project titled **Wifi based temperature and humidity detector**. As part of the project, she has completed preliminary objectives of the project.

During her internship, we found her sincere, active and component in executing all assigned tasks and services were found to be satisfactory.

We wish her all the best for her upcoming career.

Regards,



Milind Ramchandra Rajwade

Proprietor





CERTIFICATE OF PARTICIPATION



This is to certify that the Mr./Ms. Shweta Kothawade from MKSSS Cummins College of Engineering, Karvenagar(Pune) has successfully completed the Six week Internship/ Professional Training Program on Machine Learning with Python from 06th June to 18th July 2022 under the Center of Excellence, National Instruments Innovation Center. Issued date is 18th July 2022 with Reference No NIIC/COE/SI/ML 0722-935.

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



Certificate of Program Completion

This certifies that
Purva Kane
has successfully completed a
Mitacs Globalink Research Internship
effective December 2022.

Project Title: Design of an artificial intelligence-based controller for a solar inverter
Host University: Université du Québec en Outaouais – Gatineau
Host Professor: Shamsodin Taheri

A circular seal with a serrated edge, containing the text 'Mitacs Globalink Research Internship' in a bold, sans-serif font. The seal is positioned in the lower center of the certificate.

**Mitacs
Globalink
Research
Internship**

Globalink Research Internships are 12 weeks in duration and interns are required to work 40 hours per week.

A handwritten signature in white ink, reading 'Gail Bowkett', is located in the lower right corner of the certificate.

Gail Bowkett
Vice President, Programs

Date: **August 22, 2022**

Experience Certificate

This is to certify that **Mr. Arya Kaujalgi** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **June 01, 2022 till August 01, 2022.**

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

We wish him success in all his future endeavors.

With Best Regards,

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

Potekar
r Lalita

Digitally signed
by Potekar Lalita
Date: 2022.08.23
11:18:46 +05'30'

Lalita Potekar
Specialist – Human Resources

CC: Personnel File (Personnel Number : 644863)

Endress+Hauser InfoServe (India) Private Limited M- 174 / 175, MIDC, Waluj,
Aurangabad - 431136, Maharashtra, India

Ms. Akanksha Milind Kharkar
Cummins College of Engineering for Women,
Pune, Maharashtra,
Mobile: 8669832074

Contact

Manoj Patil
Business Applications
Phone +91 240 2563673
Cell phone +91 9850826191
manoj.patil@endress.com

Aurangabad, July 29, 2022

Internship Certificate

This is to certify that Ms. Akanksha Milind Kharkar has completed the internship program with Endress+Hauser InfoServe (India) Pvt. Ltd. From 08th Jun 2022 to 29th Jul 2022

During the internship period she got exposure & understanding of following topics

- SAP ERP system and architecture
- Robotic Process Automation
- Digital WorkPlace tools
- First Answer HD - Ticket monitoring system

She could demonstrate entire quotation to cash process in SAP test system which is good achievement for her

During the internship she also demonstrated good design skills with a self-motivated attitude to learn new things. She showed keen interest in learning and helping many activities.

Her performance exceeded expectations

I take this opportunity to thank Akanksha and wish her all the best for future endeavors

Yours Truly



Manoj Patil



Endress+Hauser InfoServe
(India) Private Limited
M- 174 / 175, MIDC, Waluj
Aurangabad - 431136,
Maharashtra, India

Phone +91 240 2563 600
Fax +91 240 2555 179
info.ehis@endress.com
www.infoserve.endress.com



HR-SSC/29-08-2022/333419

29 August 2022

To Whom It May Concern,

This is to certify that **Ms. Shivani Khilari**, student of “**Cummins Women’s College, Pune**” has successfully completed her internship in “**Basics of ISP operations covering ILL, GVPN, TX services**” under the guidance of **Ms. Jyoti Vikrant Kadam** at **Tata Communications Limited** from **08 June 2022 to 08 August 2022** by working at our facility at **Pune-Dighi**.

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,

Vaibhav Kaul

**Warm Regards,
Vaibhav Kaul
General Manager**

Note: This is an electronically signed document



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Miss Tanaya Kondejkar**, who is pursuing a **B.E. (majoring in Electronics and Telecommunication)** from **Cummins College of Engineering, Pune**, has successfully completed **8 weeks** long internship (**from 01st June 2022 to 31st July 2022**) with our organisation.

Tanaya Kondejkar's job responsibility as an intern at Right Steps Consultancy involved the following tasks:

- **Research Work**
 - a. Research on applying CNN techniques to sonography images.
 - b. Use of deep learning techniques to identify feature set useful for machine learning based prediction/detection algorithms.
 - c. Researched multiple image quality assessment algorithms to identify the best approach (BRISQUE) to determine suitability of sonography images before applying deep learning algorithms.
- **Project: Breast Cancer Detection Algorithm**
 - a. Developed a machine learning algorithm for identification of benign and Malignant tumour.
 - b. Demonstrated excellent grasp of Exploratory Data Analysis and visualisation-based feature selection techniques
 - c. Demonstrated good understanding of Principal Component Analysis techniques for dimensionality reduction
 - d. Demonstrated deep understanding of classification algorithms like Random Forest and kNN.

During the period of her internship program with us she was found to be sincere, proactive, hardworking and inquisitive. We wish her every success in her life and career.

Regards,
For Right Steps Business Solutions Private. Ltd.

Swati Srinivasan
Founder & CEO

M/S MILIND RAMCHANDRA RAJWADE

7 13, Sinhgad Road, P. Cast S. No. 39, H.No.2/91, Manikbaug Industries. Wadgaon Budruk, Pune - 411051
Cell : 9822248278, Email: milindrjwade@gmail.com

Date:1 August 2022.

Ref

To Whomsoever it may concern

This is to certify that **Miss. Vasavi Abhay Kotpalliwar**, C.No.C22020112206, Roll No:3273 studying at MKSSS's Cummins College of Engineering for Women, Pune has successfully completed her internship at Milind Ramchandra Rajwade, Pune, from 1 June 2022 to 30 July 2022.

She has worked on a project titled **Wifi based temperature and humidity detector**. As part of the project, she has completed preliminary objectives of the project.

During her internship, we found her sincere, active and component in executing all assigned tasks and services were found to be satisfactory.

We wish her all the best for her upcoming career.

Regards,



Milind Ramchandra Rajwade

Proprietor





HR-SSC/29-08-2022/333419

29 August 2022

To Whom It May Concern,

This is to certify that **Ms. Tejaswi Mangalapelly**, student of “**Cummins Women’s College, Pune**” has successfully completed her internship in “**Basics of ISP operations covering ILL, GVPN, TX services**” under the guidance of **Ms. Jyoti Vikrant Kadam** at **Tata Communications Limited** from **08 June 2022 to 08 August 2022** by working at our facility at **Pune-Dighi**.

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,

Vaibhav Kaul

Warm Regards,
Vaibhav Kaul
General Manager

Note: This is an electronically signed document



Certificate of Completion

We proudly award

Ms Vaishnavi Padhar

for completing 2 months internship (01-June-2022 to 31-July-2022) at House of Aadyaa and handling it all like a champ!

We wish you well in your future endeavours!

Awarded on the 1st August 2022

Sayalee Marathe

FOUNDER

Jaydeep Hingne

CO-FOUNDER

Advance Design Solutions

Shop no.8, Pooja Palace, ShivtejNagar, Plot No.5, Chinchwad, Pune 411019

Email : advdesignsoln2019@gmail.com

Ref No:-010

Date:-31/07/2022

Experience Certificate

This is to certify that **Ms. Ruchi Nitin Bogawat** has worked with Advance Design Solutions w.e.f. June 6, 2022 till July 31, 2022.

Her designation at the time of relieving was

Student Intern.

We wish her success in all her future endeavors.

With Best Regards,



Atul K. Bora
Director
Advance Design Solutions





CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Anjali Jitendra Borkar** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, **National Instruments Innovation Center**.
Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-865**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI

Certificate of Completion

This is to certify that

Rachana Deepak Chougule

of CUMMINS College of Engineering for Women, Pune

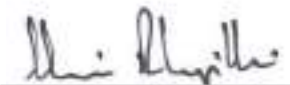
successfully completed

Internship Program for Engineering Students
in Robotics and Automation

between 1 June and 31 July, 2022



Prakalpa Bastianpillai
President



Chris Bastianpillai
Program Director

July 2022

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mayuri Vijay Dhavan

participated in "Web Development"
from 01st Aug, 2022 to 30th Sep, 2022
and successfully completed the program.

12-Oct-2022

DATE



PROJECT HEAD
OVERALL COORDINATOR



CHANDRA ELECTRICAL AND ELECTRONICS

Panacea Building, 753/754 MIDC-Bhosari, Pune – 411026

Electronic Manufacturing Service



CERTIFICATE

This is to certify that **Miss. Harsha Sunil Shendge**, is a student of **MKSSS's Cummins College of Engineering for Women Pune**, has undergone her internship training of 2 months from 6th June 2022 to 6th August 2022 in **Chandra Electricals & Electronics**, Pune. During her tenure she was working in SMT, Production, Testing, Inwards QA and Electronic Fault Finding. She is polite and honest to her work.

We wish her success in all her future endeavors.

or **Chandra Electricals & Electronics**

Proprietor

Himanshu P. Modi

(Authorized Signatory)

Ref: Cummins/PSBU/CIL/ENGG/
Date- 06-11-2022

CERTIFICATE

This is to certify that **Rucha Jagtap** from Cummins College of Engineering, Pune has successfully completed her Project in Cummins Technologies India Pvt Limited - Power Systems Business Unit.

she has done her project with us from 06th Jun.2022 to 06th Aug.2022

The topic of her project was- **To develop system architect diagram for PSBU advance control system.**

Her performance was found satisfactory during the period.

We wish her all the best for all her future endeavors.

For Cummins Technologies India Pvt Limited

A handwritten signature in blue ink, appearing to read 'Soumitra Mehrotra'.

Soumitra Mehrotra
General Manager-HR.

Cummins Technical Centre India
Division of Cummins Technologies India Private Limited
Survey No. 31(pt), 32(pt), 33(pt)
Dhanukar Colony, Kothrud
Pune 411 038 Maharashtra, India
Phone +91 20 2538 5435/ 2538 0240
Fax +91 20 2538 0125
Cumminsindia.com
ctipl@cummins.com

Registered Office
Cummins Technologies India Private Limited, Cummins India Office Campus
Tower A, 2nd, 4th and 8th Floor, Sr. No. 21, Balewadi, Pune – 411 045
CIN: U29113PN1994FTC139153

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Purva Barge

from Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "**Fitness Management Application**".
The internship is conducted from July 2022 to September 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



Certificate of Completion

This is to certify that
Tulika Rajiv Choudhary

has successfully completed Virtual Internship* program under

** This certificate does not qualify for academic credits.*



Choudhury
Indrani Choudhury
Chief Learning Officer, Microsoft India

Affiliate Partners:



Kirti Seth

Kirti Seth
CEO, IT-ITeS SSC NASSCOM

Issue Date: 08 Jun 2022

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

Vidya Munde-Müller
Givetastic Technologies UG
(haftungsbeschränkt)

Walderseestraße 7
30163 Hannover

08.08.2022

Subject: Completion letter for Internship Project

Dear Madam,

This letter is to confirm that the following project team has successfully completed the Internship project under the guidance of Mrs. Vidya Munde-Müller, CEO Givetastic

Project Duration: 05th June 2022 - 05. Aug 2022

1. 3180 Akshata Ashok Lalage
2. 3203 Anuja Limaye
3. 3115 Gayatri Belhekar
4. 3236 Prapti Pravin Kawthekar
5. 3852 PRARTHANA RANADE
6. 3256 Kalyani Vivek Taralekar
7. 3118 SHRUTI BHARAT
8. 3161 Sanika Kalloorkar
9. 3111 SAKSHI BADHAN
10. 3120 CH S SATHVIKA

Subject area of the project: Web Platform Development (Next.js, React, HTML, JS, CSS)



Vidya Munde-Müller



Suyunoy Mechanicals Pvt. Ltd.

Plot No. 1, Sector 10, Gurgaon, Haryana
Gurgaon, Haryana, India - 122001

Date: 10/08/2022

INTERVIEW NOTICE

We are hereby inviting **Mr. Sachin Kumar** for computerized interview process of job of **IT Support** (2022) of Suyunoy Mechanicals Pvt. Ltd. and will work on contract basis for ongoing projects.

We welcome all the queries for this notice.



Suyunoy Mechanicals Pvt. Ltd.



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Shraddha Magdum

From Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "Credit Card Default Prediction".
The internship is conducted from June 2022 to August 2022

Dr Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director
Connecting Dreams Foundation



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Shweta Magdum

From Cummins College of Engineering for Women, Pune has successfully completed Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022 to develop a project on "Credit Card Default Prediction".
The internship is conducted from June 2022 to August 2022

Dr Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director
Connecting Dreams Foundation

Date: **July 29, 2022**

Experience Certificate

This is to certify that **Ms. Mayuri Mahajan** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **June 1, 2022 till July 29, 2022.**

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: 2022.07.29
12:34:25 +05'30'

Lalita Potekar
Specialist – Human Resources

CC: Personnel File (Personnel Number: 644939)



CERTIFICATE OF INTERNSHIP



to certify

Vishakha Managoli

This is to certify that Vishakha Managoli has worked in our organization as Web Developer Intern for 2 Months. During this period, She successfully completed the work assigned to her and has been sincere, hardworking and punctual in his work.

ABHISHEK ROUSHAN Digitally signed
by ABHISHEK ROUSHAN

Abhishek Roushan

COO



GAURAV YOGESH MISHRA Digitally signed
by GAURAV YOGESH MISHRA

Gaurav Mishra

CTO





July 15, 2022

EXPERIENCE CERTIFICATE

To Whom It May Concern

This is to certify that **Manasvi Mattoo (EE ID 132148)** has done internship at Mastercard Technology Private Limited from May 16, 2022 to July 15, 2022 on **Operations and Technology** under the guidance of **Kapil Banwari**.

We take this opportunity to thank and wish all the best for 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 decorative border.

For: Mastercard Technology Private Limited

People_services@mastercard.com

Global Business Services Centre - HR Services



0831- 4263506 / 8971020906 / 9620182606
service@softmusk.com, sales@softmusk.com

SOFTMUSK INFO PVT LTD

Serving IT to serve you...

GSTIN: 29ABCCS3792D1Z5

CTS No - 1049/A2, S No - 86/2 FS Plaza 3rd Floor, Khanapur road, Tilakwadi, Belgaum-590006 KARNATAKA.

Date: 08-08-2022

TO WHOME IT MAY CONCERN

This is to certify that **Shachi Kokare** student of **Cummins College of Engineering for Women Pune, (Electronics and Telecommunication Engineering, 6th Semester)**, had successfully completed internship program from **11th June 2022** to **05th Aug 2022** at our company. She worked on **Iris Recognition using Machine Learning** Project. During the period of her internship program with us she was found punctual, hard-working and inquisitive.

We wish her every success in life.



Authorized Signature

SOFTMUSK INFO PVT LTD

WWW.SOFTMUSK.COM

Date: August 10, 2022
Ref.: MKCL: HRD: 2022-23

TO WHOMSOEVER IT MAY CONCERN

This is to certified that, Ms. Sharvari Padole, having current address of residence at Karvenagar, Pune - 411052 , being a student of Cummins college of Engineering is currently undergoing Internship as an integral part of academic curriculum at Maharashtra Knowledge Corporation Limited (MKCL) under the guidance of Mr. Vijay Chauhan, Enterprise Architect (ProNExT). The period of internship was from June 01, 2022 to July 31, 2022.

It is further certified that she is working as an intern under Core Studio Team under the guidance of her supervisor and successfully completed all the entrusted tasks.

We wish her success in her chosen career path.



Komal Chaubal
Chief Executive Officer

08/25/2022

TO WHOMSOEVER IT MAY CONCERN

We are pleased to confirm that **Aishwarya Mukund Purohit**, from **Cummins College of Engineering For Women, Pune** has successfully completed an internship program with us for the duration from **06/10/2022** to **08/20/2022**.

Her conduct was good and she has shown good enthusiasm and interest towards the tasks assigned to her.

We wish her the best of luck for her studies and all her future endeavours.

For **YASH Technologies Pvt. Ltd**



Laveena Nabar
Human Resources

P.S: Date format to be read as MM/DD/YYYY. Print only, if required



Regd. Office:
Wells Fargo Centre, Building 1A,
Divyasree NSL SEZ, Survey No. 66/1,
Raidurga Village, Serilingampalli,
Hyderabad, India - 500032
91 40 4023 1000, 91 40 4023 1100 (Fax)
CIN: U72200TG2006PTC051001

Wfindia.legal@wellsfargo.com

Wells Fargo International Solutions Private Ltd
(Formerly Wells Fargo EGS (India) Private Ltd)
Wells Fargo Center, Embassy Tech Village (SEZ),
Devarabeesanahalli, Outer Ring Road,
Varthur Hobli, Bengaluru -560103, India
91 80 4397 4000, 91 80 4397 4100 (Fax)

August 05, 2022

Intern Name: Shubhra Jain

Intern ID: 2075259

Re: Certificate of completion of Internship

Dear Shubhra,

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from Jun 06, 2022 till August 05, 2022 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relieve you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact Indiafinalsettlement@wellsfargo.com if you have any questions on the exit process.

Sincerely,

For Wells Fargo International Solutions Private Ltd

Durgesh Nagarkatte

Vice President – HR



JPMC Employee ID: W602304

1 August 2022

To Whom It May Concern

Dear Sir/Madam,

Re: Ms Shreya Mandal - Confirmation of Employment Details

This letter is to certify the below details for Ms Shreya Mandal, PAN GGXPM0027C

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 6 June 2022
Last Date of Employment	: 29 July 2022
Position	: Summer Intern
Department	: Corporate & Investment Bank

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 hrsd.referencing.team@jpmorgan.com.

This is a computer generated statement and no signature is required.

Registered Office : Prism Towers, Level Nos. 9 to 11, Link Road, Mindspace, Goregaon (West), Mumbai - 400 104, India.

Telephone: 91 22 6125 0000 Facsimile: 91-22-6125 1901

J.P. Morgan Services India Private Limited

CIN - U72900MH2000PTC124073



Certificate of Completion

This is to certify that Mr./Ms. Isha Patil,
a student of CCOEW,Pune,
has scored 84% and successfully completed the 2 Month training on Internet of
Things and Machine Learning.

26th Jul 2022

Date

A handwritten signature in black ink, appearing to read "Pranav Kundaikar".

Pranav Kundaikar

CTO, Bolt IoT

A handwritten signature in black ink, appearing to read "Pranav Pai Vernekar".

Pranav Pai Vernekar

CEO, Bolt IoT



To verify this certificate, please email support@bolttiot.com with the code below

C0468BA019D578422E28A5B78B4327

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Aishwarya Machindra Kamble

participated in "Robotics"
from 01st Jun, 2022 to 31st Jul, 2022
and successfully completed the program.

15-Aug-2022

DATE



PAUL MATHEW. I
OVERALL COORDINATOR

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Pooja Vijay Khiradkar

participated in "Web Development"
from 01st Jun, 2022 to 31st Jul, 2022
and successfully completed the program.

20-Aug-2022

DATE



PAUL MATHEW. I
OVERALL COORDINATOR

CERTIFICATE OF PROJECT COMPLETION



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Vaibhavi Siddheshwar Malwade

has successfully undergone Industrial Program on Web Development
from Raise Digital from 01st Jun, 2022 to 31st Jul, 2022 and
successfully completed the projects on

- E-Commerce Website(Single Page)
- Advance E-Commerce Website

Under the guidance of the mentor and company representative

18-Aug-2022

RDI-2208000051

DATE



A handwritten signature in black ink, reading "Megha Singh".

PROJECT HEAD



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Gitanjali Krushana Mhamane** from **Cummins College Of Engineering For Women , Pune** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-873**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



CERTIFICATE OF PARTICIPATION



*This is to certify that the **Mr./Ms. Tejal Diwakar Nehete** from **MKSSS Cummins College of Engineering, Karvenagar(Pune)** has successfully completed the Six week **Internship/ Professional Training Program on Machine Learning with Python** from **06th June to 18th July 2022** under the Center of Excellence, National Instruments Innovation Center. Issued date is **18th July 2022** with Reference No **NIIC/COE/SI/ML 0722-926**.*

Mr. P.Saxena
(ML & Deep Learning Trainer)
NI Innovation Center-COE

Mr. P.K. Sharma
(Coordinator)
Center Of Excellence-NI



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Pandhare Jayashri

from Mksss Cummins College of Engineering for Women has successfully completed
Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "**Blood Buddy**".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



_VOIS



CERTIFICATE

OF INTERNSHIP

This is to certify that

Talekar Daksha

from Mksss Cummins College of Engineering for Women has successfully completed
Virtual Micro-Internship under _VOIS for Tech University Engagement Program's Innovation Marathon 2022
to develop a project on "Blood Buddy".

The internship is conducted from June 2022 to August 2022

Dr. Nilay Ranjan

Head Vodafone Idea Foundation & CSR Head
Vodafone Idea Limited



Nagesh Singh

Director,
Connecting Dreams Foundation



Internship Offer Letter

Ref: TCSL/AIP 2021-22/Winter/DT20218601179

Date: 12-Oct-2021

Darshana Pondkule
Cummins College of Engineering for Women, Pune
darshanapondkules@gmail.com

Dear **Darshana Pondkule**,

Sub: Internship Offer

We are pleased to offer you internship in Tata Consultancy Services (TCS) with the following terms and conditions:

1. The tentative start date is 18-Oct-2021 and end date is 30-Jun-2022. These dates can be changed in discussion with the Project Guide
2. You will be assigned a Project Guide under whose supervision you will work on the project assigned to you.
3. You shall complete your project in accordance with the requirements and guidance of the TCS Project Guide, and maintain qualitative standards as required. You will maintain the discipline, dignity, honor and goodwill of TCS.
4. The arrangement is not that of an employer and an employee and as such you shall not be eligible to any allowances or other benefits as may be available to the employees of TCS.
5. You will observe the rules & regulations and discipline of TCS, and also maintain complete confidentiality and secrecy of the matters pertaining to TCS and/or any data that has been provided to you in the course of your project work. The detailed terms of Confidentiality, Data and Intellectual Property Protection are enclosed as Annexure A. You will be permitted to attend any classes in the college / university at the discretion of the Project Guide if so called for during the period of your project assignment.
6. On completion of your internship, you will be required to submit a copy of your project report, which will be the sole property of TCS.
7. You shall not undertake any internship in parallel with this internship
8. In the event of any misconduct or breach of terms of this internship on the part of the Intern during the internship period, TCS reserves the right to terminate internship without any notice.
9. This offer of Internship will be governed as per the Laws of India.

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Tata Consultancy Services Limited

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Tel +91 22 6778 2000/2222 Fax +91 40 6778 2190 website: www.tcs.com
Registered Office Nirmal Building, 9th Floor, Nariman Point, Mumbai 400 021



You are required to sign and return a copy of this Internship Offer letter and the Annexure towards your acceptance of the terms and conditions stated therein.

For Tata Consultancy Services

A handwritten signature in blue ink that reads 'Chandra Koduru'.

Chandra Koduru

Head, Academic Interface Programme

Accepted,

Name of the Intern: Darshana Pondkule

Date:

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Annexure A

Confidentiality, Data and Intellectual Property Protection

1. Confidential Information

“Confidential Information” shall mean any and all Inventions and Know-how, information and material of TCS (including for avoidance of doubt any Confidential Information of its Clients) that comes into the possession or know of the Intern and shall include the following:

- a) Any and all information processing programs, software, properties, items, information, data, material or any nature whatsoever or any parts thereof, additions thereto and materials related thereto, produced or created at any time by TCS or the Intern in the course of or in connection with or arising out of the Intern’s association with TCS. Program/Software shall mean source code and/or machine instructions wherever resident and on whatever media and all related documentation and software,
- b) All other information and material of TCS relating to design, method of construction, manufacture, operation, specifications, use and services of the TCS equipment and components, including, but not limited to, engineering and laboratory notebooks, reports, process data, test data, performance data, inventions, trade secrets, systems, software, object codes, source codes, copyrighted matters, methods, drawings, computations, calculations, computer programs, narrations, flow charts and all documentation therefore and all copies thereof (including for avoidance of doubt any such material belonging to the Clients of TCS).
- c) Corporate strategies and other confidential and proprietary material and information, which could cause competitive harm to TCS if disclosed,
- d) Customer and prospective customer lists, and
- e) All other information and material, which may be created, developed, conceived, gathered or collected or obtained by the Intern in the course of or arising out of the association with TCS or while in or in connection with or for the purposes of his/her association with TCS or any of the operations and entrusted by TCS to the Intern.

2. Intern’s Obligations

Intern agrees to treat the Confidential Information as strictly confidential and a trade secret of TCS. Intern agrees not to use, or cause to be used, or disclose or divulge or part with either directly or indirectly any Confidential Information for the benefit of or to any third parties except for or on behalf of or as directed or authorized by TCS or to a person

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having a valid contract with TCS. Upon termination of employment, the Intern agrees to surrender to TCS all Confidential Information that he or she may then possess or have under his or her control.

3. Intellectual Property Rights

Intern agrees and confirms that all intellectual property rights in the Confidential Information shall at all times vest in and remain with or belong to TCS and Intern shall have no right title or claim of any nature whatsoever in the Confidential Information. Intern shall promptly disclose to an authorized officer of TCS all inventions, ideas, innovations, discoveries, improvements, suggestions, or reports and enhancements made, created, developed, conceived or devised by him or her arising out of his or her engagement with TCS, including in the course of provision of services to the Clients of TCS and Intern hereby agrees and confirms that all such intellectual property rights shall at all times vest in and remain vested in TCS and agrees to transfer and assign to TCS any interests Intern may have in such intellectual property rights including any interest in and to any domestic or foreign patent rights, trademarks, trade names copyrights and trade secret rights therein and any renewals thereof. On request of TCS, Intern shall execute from time to time, during or after the termination of his or her employment, such further instruments, including without limitations, applications for letters of patent, trademarks, trade names and copyrights or assignments thereof, as may be deemed necessary or desirable by TCS to perfect the title of TCS in the intellectual property rights and to effectuate the provisions hereof. All expenses of filing or prosecuting any application for patents, trademarks, trade names, or copyrights shall be borne solely by TCS, but Intern shall co-ordinate in filing and / or prosecuting any such applications. Intern hereby expressly waives any “artist’s rights” or “moral rights”, which Intern might otherwise have in such intellectual property rights.

4. Prior knowledge

Intern acknowledges that prior to his or her appointment by TCS, he or she had no knowledge of the Confidential Information of TCS and that such Confidential Information is of a confidential and secret character and is vital to the continued success of TCS’s business. Intern further acknowledges that he or she is associated with TCS in a capacity in which he or she will become acquainted with all or part of such Confidential Information. In order to safeguard the legitimate interests of TCS in such Confidential Information, it is necessary for TCS to protect such Confidential Information by holding it secret and confidential.

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5. Use of Third-Party material

Intern expressly agrees that he or she shall not in the course of his or her association with TCS and while working on the premises or facilities of TCS or its Clients or in connection with the development of any intellectual property rights or work for or on behalf of TCS;

- a) Use any Third-Party material or intellectual property rights except those intellectual property rights provided by TCS or expressly authorised by TCS or without having proper authorisation or license or approval of the respective owner of such intellectual property rights.
- b) Participate in any activity for creation (including conception, design, development, testing, implementation, support or marketing) of any Intellectual Property for or on behalf of TCS or its affiliates if he or she has been exposed, directly or indirectly, to any Third-Party IP which is in the same subject area (such as research area, technology or application area) as, or which is same or similar to, the Intellectual Property or any portion thereof, to be so created, unless;
 - i. Intern has expressly declared to TCS in a prescribed form whether such exposure was owing to publicly available information or under and subject to any agreement; AND
 - ii. TCS has expressly confirmed to the Intern that TCS has proper authorization or license or approval of the respective owner of such Third-Party IP to use the same in Intellectual Property or portion thereof to be created and authorized in writing Intern's participation in such activity.
- c) Knowingly access, make reference to or use any Third-Party IP (except as permitted under Section 5(a), directly or indirectly, during the period of association with the creation (conception, design, development, testing, implementation, support or marketing) of TCS Intellectual Property or portion thereof, which is in the same subject area of TCS Intellectual Property or which is same or similar to such TCS Intellectual Property or portion thereof being created. In case, Intern access or is exposed to any such Third-Party IP during such association, Intern shall promptly bring it to the notice of TCS IP asset owner or TCS project manager in writing and immediately cease to participate in any such activity.

6. Security policies and Guidelines

- 6.1 Intern agrees to abide by and be bound by any and all policies, documents, guidelines and processes including IP, Information Security and Confidentiality of TCS in force from time to time whether expressly endorsed or not.
- 6.2 Intern acknowledge and agree that in the course of, and as a result of his/her engagement with TCS, Intern will have access to, obtain or come across personal

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data or information of other TCS Associates or Clients, including without limitation, sensitive personal data or information (collectively “Personal Data and Information”) within the meaning of the applicable Indian Law and Rules or any other applicable Law, directive or regulation anywhere in the world. In respect of any such Personal Data and Information accessed, obtained, acquired or processed by Intern for and on behalf of TCS, its affiliates or Clients, Intern undertake that he/she will:

- a) Process the Personal Data and Information only on behalf of TCS, its Affiliates or Clients, as the case may be, and only on and in accordance with instructions received from the data controller from time to time;
- b) Abide by such technical and organizational measures necessary to prevent the accidental or unlawful destruction or accidental loss, alteration, un-authorized disclosure or access to the Personal Data and Information;
- c) Promptly (and in any event within 24 hours of awareness) bring to notice of TCS or its Affiliates, as the case may be, of any actual or suspected incident of unauthorized or accidental disclosure of, or access to, the Personal Data and Information or other breach of this section (a “Security Breach”);
- d) Promptly provide TCS with all information in Intern’s notice, possession or control concerning any Security Breach and not make any public announcement regarding a Security Breach without TCS’ prior written consent;
- e) Not do, or omit to do, anything, which would cause TCS or any of its employees, officers or agents to be in breach of its obligations under any privacy or data protection policy, regulation or legislation;
- f) Upon expiry or termination of Intern’s engagement with TCS, return all copies of the Personal Data and Information to TCS in Intern’s possession or control; and
- g) Promptly bring to TCS’ notice of any request received from a data subject to have access to his/her Personal Data and Information or of any other communication relating to the access, use or processing of any Personal Data and Information (including any notice from the regulatory body) and fully co-operate and assist TCS in relation to any such request or communication.

6.3 Intern expressly consent that TCS and/or its affiliates may collect, use, transfer, retain or otherwise process Intern’s Personal Data and Information in connection with his/her engagement with TCS, in accordance with the then / current TCS policies and procedures and applicable privacy and data protection legislation. TCS may use Third-Party services or sub-contractors to collect or otherwise process Intern’s Personal Data and Information for which TCS shall remain responsible for

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such Third-Party services provider or sub-contractor's compliance with TCS' obligations hereunder.

7. Working in SBWS™ Framework

Intern may be required to work in TCS or its Client's premises or from home (remote working) as per the directions of supervisor and / or the provisions of the applicable policy. Intern understands that working in this hybrid environment may have higher confidentiality and information security risks. Intern acknowledges that when working remotely the Intern:

- a) will work only in a private, secured work area in compliance with the guidelines issued and amended from time to time.
- b) will comply with and work in a manner consistent with TCS Data Privacy and Security Policies/Protocols.
- c) will bring to the notice of HR of the Unit to any circumstances that prevent Intern from working in a manner consistent with TCS data privacy and security policies/protocols.
- d) will inform the HR of the Unit if the Intern shares a home with any family member or an individual who is employed by a competitor of TCS or TCS client the Associate is assigned to, or if any other circumstances at home exist which implicates the TCS Code of Conduct Conflict of Interest provision;
- e) will ensure utmost care and adhere to Confidentiality, IP Protection / Non-Disclosure obligations.
- f) will be using the Company allotted laptop or similar authorized computing device (together called "official asset") only to connect to TCS network/customer network through authorized means (or the Customer provided laptop to access the customer network if so, mandated by the Customer).
- g) will not allow anybody to share the official asset being used
- h) where allowed to use personal workstation/laptop or similar computing device (together called "personal asset") to connect to TCS network/customer network, Intern will ensure that he/she fully complies with obligations under this Confidentiality, IP Protection / Non-Disclosure Agreement and adheres to the security best practices that is generally followed and ensure that Intern's access to TCS / TCS Client systems is in line with the approved model. The Intern further agrees that by seeking permission to use a personal asset, the Intern implicitly authorizes the Company to have unhindered access to run scans / forensics, should there be justified reasons to do so.

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8. Restriction on Intern's Rights

Intern agrees that he or she shall not make, have made, replicate, reproduce, use, sell, incorporate or otherwise exploit, for his or her own use or for any other purpose, any of the Confidential Information including intellectual properties of TCS that is or may be revealed to him or her by TCS or which may in the course of his or her employment with TCS come into his or her possession or knowledge unless specifically authorized to do so in writing by TCS.

9. No License

TCS and Intern agree that no license under any patent or copyright now existing or hereafter obtained by TCS is granted, agreed to be granted, or implied by the terms of this Agreement, or by the disclosure to Intern of the Confidential Information.

10. Equitable Rights

Intern acknowledges that any Confidential Information that comes into the possession and / or knowledge of Intern is of a unique, highly confidential and proprietary nature. It is further acknowledged by Intern that the disclosure, distribution, dissemination and / or release by Intern of the Confidential Information without the prior written consent of TCS or any breach of the Confidentiality Clause by Intern will cause TCS to suffer severe, immediate and irreparable damage and that upon any such breach or any threat thereof, TCS shall without prejudice to any other remedies available to it, be entitled to appropriate equitable relief including the relief of specific performance and injunctive relief, in addition to whatever remedies it might have at law.

11. General

- a) The provisions hereof shall be interpreted, determined and enforced in accordance with the laws of India.
- b) In the event of any dispute or disagreement over the interpretation of any of the terms herein contained or may claim or liability of any party, the same shall be referred to a person to be nominated by TCS, whose decision shall be final and binding upon the parties hereto. Subject to the above, the arbitration shall be governed by the Arbitration and Conciliation Act, 1996 or any modifications or re-enactment thereof. Intern confirms that the fact that the arbitrator shall be a nominee of TCS shall not be a ground for objecting to such arbitration or challenging the decision of the arbitrator. The venue of arbitration shall be Mumbai. Subject to the

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above arbitration clause, the Parties agreed to the binding jurisdiction of the Courts at Mumbai under the laws of India.

- c) If any provision hereof shall be found by a judicial tribunal to be contrary to governing law, it shall be deemed null and void without annulling or rendering invalid the remainder of the Agreement and if the invalid portion is such that the remainder cannot be sustained without it, the Parties herein shall find a suitable replacement to the invalid portion that shall be legally valid.
- d) This Confidentiality clause along with other documents executed by Intern or referenced in any such documents constitutes the entire understanding between the parties and supersedes all prior agreements and understandings pertaining to the subject matter thereof. No delay or omission of either Party in exercising or enforcing any of their rights or remedies hereunder shall constitute a waiver thereof.
- e) This Confidentiality clause may not be amended except in writing signed by authorized representatives of both parties.
- f) The obligations of Intern in terms of this Confidentiality clause shall continue during the term of or in the course of the internship of the Intern with TCS and shall continue thereafter in perpetuity.

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Xebrium Software Pvt. Ltd.

OFFER LETTER

15th Sept 2021

To,
Manasi Rasane.

It is our pleasure to extend the following offer of Internship to you on behalf of Xebrium Software (P) Ltd, further to the discussions you had with us. You are expected to join duty from 4th Oct 2021.

You are appointed here as a “**Intern**” Your monthly stipend will be Rs. 10,000/- (Ten Thousand Only).

You will need to submit following documents at the time of joining:

- 1) Two Passport size photographs
- 2) Self attested photo copy Address proof (e.g. Driving License, Adhar Card, Passport)
- 3) Self attested photocopy of PAN Card.
- 4) Educational documents -10th,12th & Degree certificates. (Xerox copy)

Regards,

Varada Patwardhan
Director
Xebrium Software Pvt.Ltd.

PUNE Registered Office: Unit no 601 & 602, 6th floor, Guardian Square,
Near Hotel Nisarg, Erandwane, Pune- 411004.

USA Office: 95 South Market Street, Suite 530, San Jose, California 95113.
Web: www.xebrium.com

Ref: ABO/Intern/M.tech/2021/29

Date: 09-08-2021

Rutuja Shinde

1754, Rajmudra Computers

At/Post/Tahsil - Akole, District - Ahmednagar

Dear **Rutuja**,

Thank you for your recent conversation with our Cummins representative. They were impressed with your background, accomplishments and experience. We also believe you would fit well into the Cummins culture. As a result, Cummins is pleased to extend you an offer of employment.

Our culture of “Working Right” is one that provides you with global opportunities to develop your career, make your community a better place and work with the most innovative people, processes and ideas in the world today.

Every day, you will be counted on to make people’s lives better by doing some extraordinary things as well as simply being dependable. Our ethics, core values, performance culture and commitment is to develop technology that provides value to our customers, as well as our environment.

If you have any additional questions about the job opportunity or work assignment please contact your HR representative listed below.

Global growth...career development...your future career opportunities. We look forward to welcome you to Cummins in India.

OFFER SUMMARY

Intern Name: RUTUJA SHINDE
HR Representative: Suzan A Jadhav
HR Email: suzan.jadhav@cummins.com

Business Unit: CEBU
Work Location: Kothrud,Pune
Monthly Stipend: INR 23,000 per month

INTERNSHIP GUIDELINES

1. Your internship duration will be from 16th August 2021 to 15th June 2022.
2. You shall, at all times, maintain complete secrecy about the Company's business affairs, inventions, techniques and processes of manufacturing and management and the like, which may come to your knowledge during your internship period in the organization.
3. You will be required to submit the project report on completion of your internship.
4. You will be reimbursed the 2 tier - AC Train / Bus return fare from the institute to the project location on submission of proofs.
5. You will be required to make your own arrangements for accommodation and daily travel to the location of internship.
6. You may choose to avail of our canteen facilities on the payment of a fixed amount.
7. Your internship would be governed by the Company's Rules and Regulations in force currently and as applicable from time to time.
8. You shall maintain and render an account of all such Company properties and equipment entrusted to you and shall be liable for the same.
9. You will not resort to / indulge in use of tobacco in any form, i.e. smoking, chewing and snuffing on the premises of the company.
10. Leave Guideline -

Internship Duration	Number of Earned Leaves (EL) Per Month	Leaves availed post exhaustion of earned leave
Less than or equal to 3 months	0	Stipend to be deducted
Greater than 3 months	1	Stipend to be deducted

Thanking You



Prabeer Kumar Maiti
Line HR Leader EBU, CBU & TCPL Engg.



Dependable People.
Working Right.

Please note:-

- ELs are not encashable or transferable if not availed during the course of internship.
- **DePauw interns** would get 5 EL during their course of internship.
- ELs are over and above the weekly offs and paid holidays as governed by the company policy

Please sign the duplicate copy of this letter in token of acceptance of the above terms and conditions, and, return the same to us.

TERMS AND CONDITIONS OF APPOINTMENT

1. Your services would be governed by the Company's rules and regulations in force currently and as applicable from time to time. The facilities, amenities and benefits provided to interns in excess of the statutory requirements do not form a part of the conditions of service and are subject to change or be reduced at the discretion of the Management.
2. You are liable to be transferred to any of the Company's establishments which may be set up in any part of the country. On your transfer, you will be governed by the Company's rules and regulations applicable to that establishment.
3. You will be entitled to leave (vacation) in accordance with the Company guideline.
4. During the period of your employment with the Company you shall not engage in any other profession or business, publish any articles or deliver any talk pertaining to your profession or be associated with any organization pertaining to your profession, without the written consent of the Company.
5. You shall, at all times, maintain complete secrecy about the Company's business affairs, inventions, techniques and processes of manufacturing and management and the like which may come to your knowledge during your internship.
6. You shall inform the Company immediately regarding any inventions, patents, processes etc. that you may make or discover in the course of your employment and the Company shall have the right to take over the patent, process or invention on payment of such compensation as may be considered appropriate by the Company.

You shall promptly disclose in confidence to the Company all inventions that you make or conceive or first reduce to practice or create, either alone or jointly with others, during the term of your employment. You hereby undertake that all such inventions shall vest exclusively and perpetually with the Company and you shall have no claims or rights to such inventions.

7. You agree to execute a separate 'assignment deed' from time to time, as and when required by the Company, for the purpose of assignment of all the inventions in favour of the Company. You shall at all times co-operate with the Company and its agents and/or attorneys as may be necessary to perfect, maintain, defend and enforce the



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Working Right.

patenting of the Inventions including the future developments / improvements / modifications thereof, and to perform all actions and execute all such deeds and documents as shall be necessary to formalize the vesting of the legal and beneficial title/ownership of the Company thereto.

TERMS AND CONDITIONS OF APPOINTMENT

You for the purpose of giving to the Company, the full benefit of the provisions of this Clause, hereby agree to issue an irrevocable and indefinite power of attorney to the following effect:

“Where Cummins Technologies India Private Limited is unable, after contacting **RUTUJA SHINDE** either in person or by registered post addressed to the last known address of such **RUTUJA SHINDE** as in Cummins Technologies India Private Limited’s records, to secure **RUTUJA SHINDE**’s signature for any reason whatsoever, **RUTUJA SHINDE** irrevocably designates and appoints Cummins Technologies India Private Limited and its duly authorized officers and agents, as **RUTUJA SHINDE**’s agent and attorney-in-fact, to act for and on behalf of **RUTUJA SHINDE**, to execute and file any application(s) or document and to do all other lawfully permitted acts to further the prosecution, issuance, and enforcement of letters patent, copyright or other analogous rights or protections, with the same legal force and effect as if executed by **RUTUJA SHINDE**.”

8. You recognize the right of the Company to commercially exploit and market the Inventions and any future development / modification / improvement thereof in all formats/applications all over the world and waives any future claim or interest in the ownership or proceeds from commercialization of such Intellectual Property developments, modifications, or improvements.
9. Injunctive Relief - You agree that in the event of breach or threatened breach of any of the above clauses, the Company shall suffer irreparable injury and the Company shall be entitled to specific performance of your obligations as well as such further injunctive relief as may be granted by any court of competent jurisdiction, without prejudice to any other relief, monetary or otherwise as the Company may be entitled under the applicable laws.
10. You shall maintain and render an account of all such Company properties and equipment entrusted to you and shall be liable for the same.
11. You will not resort to / indulge in use of tobacco in any form, i.e. smoking, chewing and snuffing on the premises of the company.
12. You or the Company can terminate the service contract without assigning any reason, by a written notice of one month or payment of salary and allowances (Guaranteed Cash Components) in lieu thereof.
13. You are required to keep the Company informed of any change pertaining to any of the declarations made by you at the time of your internship.
14. Your personal data may be stored on secured servers and or computer networks in or out of India protected as per Cummins IT policies in force regarding access and data



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security. You hereby agree to permit access to your personal data to authorized Cummins Officials in India and abroad for official purposes from time to time.

15. Confidentiality Obligations - You shall treat all Confidential Information acquired during the course of your employment and the Intellectual Property of the Company, as strictly confidential, and shall not disclose it to any third party, or make use of it, without the prior written and express consent of the Company. This obligation of yours shall persist during the term of your internship and also after expiry or termination or cessation of your internship with the Company for any reason whatsoever.
16. Definitions: For the purposes of these terms and conditions, the following meaning shall hold:

“Confidential Information” shall mean any trade secrets or confidential or secret information, whether marked or unmarked, in any media relating to the business, technical processes, designs or finances of the Company and its suppliers, agents, distributors, clients or customers or any confidential or secret information connected with the services provided or products manufactured, marketed or under development by the Company and in particular shall include (but not be limited to) Inventions, research papers, computer models generated by the Intern or provided to the Employee during the internship, business plans, marketing plans, budgets and costing, any information regarding Intellectual Property, or any information received from a third Party that is protected by a duty of confidence.

“Intellectual Property” shall mean patents and all relevant pending applications; trademarks, trade names, logos or other information which may identify business operators; copyrights; know-how; trade secrets; designs; computer, data and documentation; domain names; and other intellectual properties.

“Invention” shall mean all inventions, improvements, designs, original works of authorship, research data, formulas, processes, compositions of matter, computer software programs, databases, mask works, and trade secrets and shall also include any discoveries that the Intern makes or conceives or first reduces to practice or creates, either alone or jointly with others, during the period of his internship with the intern/Company, whether or not made during or after normal business hours and whether or not patentable, copyrightable or protectable as trade secrets.
17. You shall not give any press release or other external communication regarding any part of this agreement, including any general statements as to the existence of a relationship, except with the prior written consent of the Company.
18. Any dispute or difference arising out of or related to your employment / internship shall have jurisdiction of Court of Pune (Maharashtra) only.



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CUMMINS CODE OF BUSINESS CONDUCT

OUR VISION

Innovating for our customers to power their success

OUR MISSION

Making people's lives better by powering a more prosperous world

Cummins is a value based organization. Our core values are -

1. **INTEGRITY**

Doing what you say you will do and doing what is right

2. **DIVERSITY & INCLUSION**

Valuing and including our differences in decision making is our competitive advantage

3. **CARING**

Demonstrating awareness and consideration for the wellbeing of others

4. **EXCELLENCE**

Always delivering superior results

5. **TEAMWORK**

Collaborating across teams, functions, businesses and borders to deliver the best work

- Our commitment to integrity means that we will exceed the minimum requirements of the law and industry practices. We feel strongly about our written policies and will not tolerate violations at any level of the Company.

CONDUCT REGARDING OUR CUSTOMERS, SUPPLIERS AND COMPETITORS

Treatment of Customers

We are dedicated to exceeding the expectations of our customers better than our competitors. Our products, information and support are designed to give our customers a competitive advantage

Competitors

Cummins competes vigorously with our competitors, but always with integrity. Employees should not disparage Cummins competitors or their products. Generally, an employee should not accept confidential information about a competitor.



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Government Contracts

As since the Company is a supplier to federal, state and local governments around the world, Cummins employees must comply with all laws and regulations relating to government contracts and cooperate fully with investors and auditors who require information in connection with these contracts.

Payments to Government Officials

Cummins policy must be closely followed while making payments to individuals outside the normal course of business. In no event should a payment be made that violates the Foreign Corrupt Practices Act of 1977, which is detailed in the full policy.

Dealing with Suppliers

If an employee or his/her family member has a relationship with a current or potential supplier, there exists the potential for a conflict of interest. So, the employee should not participate in any decisions related to the supplier or potential supplier, and should inform his/her supervisor of the relationship.

Meals, Gifts and Discounts

Generally, Cummins employees should refrain from accepting gifts. However, if a refusal to accept a present offends the other party, then a gift of nominal value may be accepted. If it is a high value, then it should be reported. Cummins employees should not accept discounts on personal goods that are linked to actual or potential business dealings.

Definition and treatment of expenses listed below are available in the detailed Code of Conduct policy which you need to study and follow:

- **Dining: With Business Colleagues, including Hosting Conferences**
- **Business Entertainment**
- **Employee Recognition**
- **Outside Employment**
- Employees should not work for a Cummins customer, supplier, or competitor. Employees may not hold other full or part-time positions or directorships outside the Company unless the job is permitted by the employee's manager and is disclosed in the annual Ethics Certification Statement.

- **Trading in Cummins Securities**
- Illegal trading in Cummins stocks and securities is not permitted. To avoid problems with stock purchases or sales, employees should refer to the details mentioned in the Cummins Code of Conduct.

- **CONDUCT REGARDING OUR EMPLOYEES**
- **Treatment of Each Other at Work**
- To maintain an atmosphere of respect, no one should make comments that are embarrassing or demeaning to another. An employee who takes part in harassing behavior that creates a hostile or offensive work environment will be subject to severe disciplinary action. Our no-tolerance policy also applies to customers, suppliers and contractors.
- **Health, Safety and the Environment**
- Prevention of occupationally related injuries and illnesses is the responsibility of every Cummins employee. In addition, all employees are expected to immediately report unsafe or hazardous working conditions to a supervisor.
- **Alcohol and Illegal Drugs in the Workplace**
- Illegal drug or alcohol use on the job is not permitted. Disciplinary procedures for violation of this policy could include termination, even for a first offense.
- **Community Activities**



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- The Company does not dictate the position employees should take on community or public issues. However, when an official Company position is necessary or desirable, only the appropriate Cummins officer can issue a statement.
- **CONDUCT REGARDING OUR SHAREHOLDERS**
- **Financial Records**
- No false or misleading entries or failure to make required entries is permitted for any reason. Each employee must report all corporate transactions accurately, including receipts, disbursements and the purpose of the transactions.
- **CONDUCT REGARDING OUR PROPERTY**
- **Information Security**
- should not attempt to access secret/ restricted data unless permitted by the owner of that information.
- **Computer Equipment and E-Mail**
- The Company’s computer hardware, software and data may be used only by authorized personnel for Company business. All licensing provisions and copyright restrictions are respected. Some personal use is allowed if it does not interfere with the employee productivity or pre-empt any business activity.
- **CONDUCT REGARDING POLITICAL CAMPAIGNS AND THE MEDIA**
- **Individual Responsibility**
- No Company property can be used to support any candidate’s political campaign, unless directed by the Cummins Political Action Committee. Employees may not conduct campaign activities during regular working hours.
- **Reporting Concerns**
- If an employee wishes to report any code compliance matters, s/he may Contact local Human Resource department or Legal department for any assistance or ethics.cummins.com or such reports may be made anonymously by calling the confidential Ethics Help Line at the appropriate number for the employee’s location. No employee will suffer any reprisal, retaliation or career disadvantage for reporting questionable behavior.
- This is an extract of the *Code of Conduct* and it is your responsibility to understand the detailed code immediately after joining Cummins. ***It is a pre-condition of your employment with the company that you adhere to the Cummins Code of Conduct and Treatment of Each other Policy.***

Accepted

Signature

Name:

Date:.....

This is an extract of the *Code of Conduct* and it is your responsibility to understand the detailed code immediately after joining Cummins. ***It is a pre-condition of your employment with the company that you adhere to the Cummins Code of Conduct and Treatment of Each other Policy.***

Accepted



Internship Offer Letter

Ref: TCSL/AIP 2021-22/Winter/DT20218601147

Date: 12-Oct-2021

Kajal Bobade
Cummins College of Engineering for Women, Pune
kajaldhavale1@gmail.com

Dear **Kajal Bobade**,

Sub: Internship Offer

We are pleased to offer you internship in Tata Consultancy Services (TCS) with the following terms and conditions:

1. The tentative start date is 18-Oct-2021 and end date is 30-Jun-2022. These dates can be changed in discussion with the Project Guide
2. You will be assigned a Project Guide under whose supervision you will work on the project assigned to you.
3. You shall complete your project in accordance with the requirements and guidance of the TCS Project Guide, and maintain qualitative standards as required. You will maintain the discipline, dignity, honor and goodwill of TCS.
4. The arrangement is not that of an employer and an employee and as such you shall not be eligible to any allowances or other benefits as may be available to the employees of TCS.
5. You will observe the rules & regulations and discipline of TCS, and also maintain complete confidentiality and secrecy of the matters pertaining to TCS and/or any data that has been provided to you in the course of your project work. The detailed terms of Confidentiality, Data and Intellectual Property Protection are enclosed as Annexure A. You will be permitted to attend any classes in the college / university at the discretion of the Project Guide if so called for during the period of your project assignment.
6. On completion of your internship, you will be required to submit a copy of your project report, which will be the sole property of TCS.
7. You shall not undertake any internship in parallel with this internship
8. In the event of any misconduct or breach of terms of this internship on the part of the Intern during the internship period, TCS reserves the right to terminate internship without any notice.
9. This offer of Internship will be governed as per the Laws of India.

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Registered Office Nirmal Building, 9th Floor, Nariman Point, Mumbai 400 021



You are required to sign and return a copy of this Internship Offer letter and the Annexure towards your acceptance of the terms and conditions stated therein.

For Tata Consultancy Services

A handwritten signature in blue ink that reads 'Chandra Koduru'.

Chandra Koduru

Head, Academic Interface Programme

Accepted,

Name of the Intern: Kajal Bobade

Date:

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Annexure A

Confidentiality, Data and Intellectual Property Protection

1. Confidential Information

“Confidential Information” shall mean any and all Inventions and Know-how, information and material of TCS (including for avoidance of doubt any Confidential Information of its Clients) that comes into the possession or know of the Intern and shall include the following:

- a) Any and all information processing programs, software, properties, items, information, data, material or any nature whatsoever or any parts thereof, additions thereto and materials related thereto, produced or created at any time by TCS or the Intern in the course of or in connection with or arising out of the Intern’s association with TCS. Program/Software shall mean source code and/or machine instructions wherever resident and on whatever media and all related documentation and software,
- b) All other information and material of TCS relating to design, method of construction, manufacture, operation, specifications, use and services of the TCS equipment and components, including, but not limited to, engineering and laboratory notebooks, reports, process data, test data, performance data, inventions, trade secrets, systems, software, object codes, source codes, copyrighted matters, methods, drawings, computations, calculations, computer programs, narrations, flow charts and all documentation therefore and all copies thereof (including for avoidance of doubt any such material belonging to the Clients of TCS).
- c) Corporate strategies and other confidential and proprietary material and information, which could cause competitive harm to TCS if disclosed,
- d) Customer and prospective customer lists, and
- e) All other information and material, which may be created, developed, conceived, gathered or collected or obtained by the Intern in the course of or arising out of the association with TCS or while in or in connection with or for the purposes of his/her association with TCS or any of the operations and entrusted by TCS to the Intern.

2. Intern’s Obligations

Intern agrees to treat the Confidential Information as strictly confidential and a trade secret of TCS. Intern agrees not to use, or cause to be used, or disclose or divulge or part with either directly or indirectly any Confidential Information for the benefit of or to any third parties except for or on behalf of or as directed or authorized by TCS or to a person

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having a valid contract with TCS. Upon termination of employment, the Intern agrees to surrender to TCS all Confidential Information that he or she may then possess or have under his or her control.

3. Intellectual Property Rights

Intern agrees and confirms that all intellectual property rights in the Confidential Information shall at all times vest in and remain with or belong to TCS and Intern shall have no right title or claim of any nature whatsoever in the Confidential Information. Intern shall promptly disclose to an authorized officer of TCS all inventions, ideas, innovations, discoveries, improvements, suggestions, or reports and enhancements made, created, developed, conceived or devised by him or her arising out of his or her engagement with TCS, including in the course of provision of services to the Clients of TCS and Intern hereby agrees and confirms that all such intellectual property rights shall at all times vest in and remain vested in TCS and agrees to transfer and assign to TCS any interests Intern may have in such intellectual property rights including any interest in and to any domestic or foreign patent rights, trademarks, trade names copyrights and trade secret rights therein and any renewals thereof. On request of TCS, Intern shall execute from time to time, during or after the termination of his or her employment, such further instruments, including without limitations, applications for letters of patent, trademarks, trade names and copyrights or assignments thereof, as may be deemed necessary or desirable by TCS to perfect the title of TCS in the intellectual property rights and to effectuate the provisions hereof. All expenses of filing or prosecuting any application for patents, trademarks, trade names, or copyrights shall be borne solely by TCS, but Intern shall co-ordinate in filing and / or prosecuting any such applications. Intern hereby expressly waives any “artist’s rights” or “moral rights”, which Intern might otherwise have in such intellectual property rights.

4. Prior knowledge

Intern acknowledges that prior to his or her appointment by TCS, he or she had no knowledge of the Confidential Information of TCS and that such Confidential Information is of a confidential and secret character and is vital to the continued success of TCS’s business. Intern further acknowledges that he or she is associated with TCS in a capacity in which he or she will become acquainted with all or part of such Confidential Information. In order to safeguard the legitimate interests of TCS in such Confidential Information, it is necessary for TCS to protect such Confidential Information by holding it secret and confidential.

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5. Use of Third-Party material

Intern expressly agrees that he or she shall not in the course of his or her association with TCS and while working on the premises or facilities of TCS or its Clients or in connection with the development of any intellectual property rights or work for or on behalf of TCS;

- a) Use any Third-Party material or intellectual property rights except those intellectual property rights provided by TCS or expressly authorised by TCS or without having proper authorisation or license or approval of the respective owner of such intellectual property rights.
- b) Participate in any activity for creation (including conception, design, development, testing, implementation, support or marketing) of any Intellectual Property for or on behalf of TCS or its affiliates if he or she has been exposed, directly or indirectly, to any Third-Party IP which is in the same subject area (such as research area, technology or application area) as, or which is same or similar to, the Intellectual Property or any portion thereof, to be so created, unless;
 - i. Intern has expressly declared to TCS in a prescribed form whether such exposure was owing to publicly available information or under and subject to any agreement; AND
 - ii. TCS has expressly confirmed to the Intern that TCS has proper authorization or license or approval of the respective owner of such Third-Party IP to use the same in Intellectual Property or portion thereof to be created and authorized in writing Intern's participation in such activity.
- c) Knowingly access, make reference to or use any Third-Party IP (except as permitted under Section 5(a), directly or indirectly, during the period of association with the creation (conception, design, development, testing, implementation, support or marketing) of TCS Intellectual Property or portion thereof, which is in the same subject area of TCS Intellectual Property or which is same or similar to such TCS Intellectual Property or portion thereof being created. In case, Intern access or is exposed to any such Third-Party IP during such association, Intern shall promptly bring it to the notice of TCS IP asset owner or TCS project manager in writing and immediately cease to participate in any such activity.

6. Security policies and Guidelines

- 6.1 Intern agrees to abide by and be bound by any and all policies, documents, guidelines and processes including IP, Information Security and Confidentiality of TCS in force from time to time whether expressly endorsed or not.
- 6.2 Intern acknowledge and agree that in the course of, and as a result of his/her engagement with TCS, Intern will have access to, obtain or come across personal

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data or information of other TCS Associates or Clients, including without limitation, sensitive personal data or information (collectively “Personal Data and Information”) within the meaning of the applicable Indian Law and Rules or any other applicable Law, directive or regulation anywhere in the world. In respect of any such Personal Data and Information accessed, obtained, acquired or processed by Intern for and on behalf of TCS, its affiliates or Clients, Intern undertake that he/she will:

- a) Process the Personal Data and Information only on behalf of TCS, its Affiliates or Clients, as the case may be, and only on and in accordance with instructions received from the data controller from time to time;
- b) Abide by such technical and organizational measures necessary to prevent the accidental or unlawful destruction or accidental loss, alteration, un-authorized disclosure or access to the Personal Data and Information;
- c) Promptly (and in any event within 24 hours of awareness) bring to notice of TCS or its Affiliates, as the case may be, of any actual or suspected incident of unauthorized or accidental disclosure of, or access to, the Personal Data and Information or other breach of this section (a “Security Breach”);
- d) Promptly provide TCS with all information in Intern’s notice, possession or control concerning any Security Breach and not make any public announcement regarding a Security Breach without TCS’ prior written consent;
- e) Not do, or omit to do, anything, which would cause TCS or any of its employees, officers or agents to be in breach of its obligations under any privacy or data protection policy, regulation or legislation;
- f) Upon expiry or termination of Intern’s engagement with TCS, return all copies of the Personal Data and Information to TCS in Intern’s possession or control; and
- g) Promptly bring to TCS’ notice of any request received from a data subject to have access to his/her Personal Data and Information or of any other communication relating to the access, use or processing of any Personal Data and Information (including any notice from the regulatory body) and fully co-operate and assist TCS in relation to any such request or communication.

6.3 Intern expressly consent that TCS and/or its affiliates may collect, use, transfer, retain or otherwise process Intern’s Personal Data and Information in connection with his/her engagement with TCS, in accordance with the then / current TCS policies and procedures and applicable privacy and data protection legislation. TCS may use Third-Party services or sub-contractors to collect or otherwise process Intern’s Personal Data and Information for which TCS shall remain responsible for

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such Third-Party services provider or sub-contractor's compliance with TCS' obligations hereunder.

7. Working in SBWS™ Framework

Intern may be required to work in TCS or its Client's premises or from home (remote working) as per the directions of supervisor and / or the provisions of the applicable policy. Intern understands that working in this hybrid environment may have higher confidentiality and information security risks. Intern acknowledges that when working remotely the Intern:

- a) will work only in a private, secured work area in compliance with the guidelines issued and amended from time to time.
- b) will comply with and work in a manner consistent with TCS Data Privacy and Security Policies/Protocols.
- c) will bring to the notice of HR of the Unit to any circumstances that prevent Intern from working in a manner consistent with TCS data privacy and security policies/protocols.
- d) will inform the HR of the Unit if the Intern shares a home with any family member or an individual who is employed by a competitor of TCS or TCS client the Associate is assigned to, or if any other circumstances at home exist which implicates the TCS Code of Conduct Conflict of Interest provision;
- e) will ensure utmost care and adhere to Confidentiality, IP Protection / Non-Disclosure obligations.
- f) will be using the Company allotted laptop or similar authorized computing device (together called "official asset") only to connect to TCS network/customer network through authorized means (or the Customer provided laptop to access the customer network if so, mandated by the Customer).
- g) will not allow anybody to share the official asset being used
- h) where allowed to use personal workstation/laptop or similar computing device (together called "personal asset") to connect to TCS network/customer network, Intern will ensure that he/she fully complies with obligations under this Confidentiality, IP Protection / Non-Disclosure Agreement and adheres to the security best practices that is generally followed and ensure that Intern's access to TCS / TCS Client systems is in line with the approved model. The Intern further agrees that by seeking permission to use a personal asset, the Intern implicitly authorizes the Company to have unhindered access to run scans / forensics, should there be justified reasons to do so.

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8. Restriction on Intern's Rights

Intern agrees that he or she shall not make, have made, replicate, reproduce, use, sell, incorporate or otherwise exploit, for his or her own use or for any other purpose, any of the Confidential Information including intellectual properties of TCS that is or may be revealed to him or her by TCS or which may in the course of his or her employment with TCS come into his or her possession or knowledge unless specifically authorized to do so in writing by TCS.

9. No License

TCS and Intern agree that no license under any patent or copyright now existing or hereafter obtained by TCS is granted, agreed to be granted, or implied by the terms of this Agreement, or by the disclosure to Intern of the Confidential Information.

10. Equitable Rights

Intern acknowledges that any Confidential Information that comes into the possession and / or knowledge of Intern is of a unique, highly confidential and proprietary nature. It is further acknowledged by Intern that the disclosure, distribution, dissemination and / or release by Intern of the Confidential Information without the prior written consent of TCS or any breach of the Confidentiality Clause by Intern will cause TCS to suffer severe, immediate and irreparable damage and that upon any such breach or any threat thereof, TCS shall without prejudice to any other remedies available to it, be entitled to appropriate equitable relief including the relief of specific performance and injunctive relief, in addition to whatever remedies it might have at law.

11. General

- a) The provisions hereof shall be interpreted, determined and enforced in accordance with the laws of India.
- b) In the event of any dispute or disagreement over the interpretation of any of the terms herein contained or may claim or liability of any party, the same shall be referred to a person to be nominated by TCS, whose decision shall be final and binding upon the parties hereto. Subject to the above, the arbitration shall be governed by the Arbitration and Conciliation Act, 1996 or any modifications or re-enactment thereof. Intern confirms that the fact that the arbitrator shall be a nominee of TCS shall not be a ground for objecting to such arbitration or challenging the decision of the arbitrator. The venue of arbitration shall be Mumbai. Subject to the

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above arbitration clause, the Parties agreed to the binding jurisdiction of the Courts at Mumbai under the laws of India.

- c) If any provision hereof shall be found by a judicial tribunal to be contrary to governing law, it shall be deemed null and void without annulling or rendering invalid the remainder of the Agreement and if the invalid portion is such that the remainder cannot be sustained without it, the Parties herein shall find a suitable replacement to the invalid portion that shall be legally valid.
- d) This Confidentiality clause along with other documents executed by Intern or referenced in any such documents constitutes the entire understanding between the parties and supersedes all prior agreements and understandings pertaining to the subject matter thereof. No delay or omission of either Party in exercising or enforcing any of their rights or remedies hereunder shall constitute a waiver thereof.
- e) This Confidentiality clause may not be amended except in writing signed by authorized representatives of both parties.
- f) The obligations of Intern in terms of this Confidentiality clause shall continue during the term of or in the course of the internship of the Intern with TCS and shall continue thereafter in perpetuity.

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