

KERMTRIC SOLUTIONS

Specializing in Digital solutions and Services

ABN: 32 642 213 205

ACN: 642 213 205



LETTER of SUPPORT

To whom it may concern,

The purpose of this letter is to support to implement product and Solutions for project: *Management of Contingent Labor and Data Analysis* by

Miss Nidhi Jain

Pashan Sus Road

Pune India

Project Details

Ongoing Project – Status: Date: 18/10/2022

File No.: 10023/Ker metric Solutions/ policy-1/2022-23

Project Title: Management of Contingent Labor and market rate based on Machine learning

Scheme: Management of Contingent Labor and Data Analysis

Area: Science and Engineering

Technology transferred: Yes (Kermetric Solutions Pty Ltd)

Project Status: 100% Completed

Started date: 08/10/2022

End Date: 29/08/2023

Name of the Industry /Organization: Kermetric Solutions Pty Ltd.

Address: Remote (India)

Total Monetary Assistance: 3200 AUD. Payment has been made as per scheduled work.

Name of Competent Authority and Designation: Sonali Jain (Director)

Accomplishment of Industry Partner:

1: Training providers.

2: Companies that provide Recruitment services, both on and off site.

Thanks, and regards

Sonali Jain (Director)

0 7 O c t 2 0 2 3

☎ +61 0421075821/ 0423360317

✉ info@kermetricsolutions.com

📍 www.kermetricsolutions.com
2 Tournament Drive Point Cook 3030

KERMTRIC SOLUTIONS

Specializing in Digital solutions and Services

ABN: 32 642 213 205

ACN: 642 213 205



LETTER of SUPPORT

To whom it may concern,

The purpose of this letter is to support to implement product and Solutions for project: *Management of Contingent Labor and Data Analysis* by

Miss Nidhi Jain
Pashan Sus Road
Pune India

Project Details

Ongoing Project – Status: Date: 18/10/2022

File No.: 10023/Ker metric Solutions/ policy-1/2022-23

Project Title: Management of Contingent Labor and market rate based on Machine learning

Scheme: Management of Contingent Labor and Data Analysis

Area: Science and Engineering

Technology transferred: Yes (Kermetric Solutions Pty Ltd)

Project Status: 60% Completed

Started date: 08/10/2022

End Date: 29/12/2023

Name of the Industry /Organization: Kermetric Solutions Pty Ltd.

Address: Remote (India)

Name of Competent Authority and Designation: Sonali Jain (Director)

Accomplishment of Industry Partner:

1: Training providers.

2: Companies that provide Recruitment services, both on and off site.

Thanks, and regards

Sonali Jain (Director)

S o n a l i J a i n 1 0 / 0 5 / 2 0 2 3

+61 0421075821/ 0423360317

info@kermetricsolutions.com

www.kermetricsolutions.com
2 Tournament Drive Point Cook 3030

Date: 11th September 2021

To,

Head of Department

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

A/p: Lavale, Dist:-Pune.

Letter of Sponsorship

Respected Sir/Madam,

We are glad to inform you that based on subsequent technical discussion and interviews with your students; we had decided to give the sponsorship to the following students on their final year project.

1. **Prateek Bajpai**
2. **Asmita Orse**
3. **Harsh Shrivastav**
4. **Nikhil Satish Suryawanshi**

Project Title: "Institute Recommendation System"

We will be providing all technical and non-technical support to the above students for the successful implementation of this project during their academic year 2021-22.

We wish all the best to students and hope they will fulfil all the project requirements in due course of time.

For



MASS Technologies, Pune

Address: 6D, Noble Manchester, Opp. Navale Hospital, Above Cake House, Narhe,
Pune-411041

Website: <http://www.masstechnologies.co.in>

Date: 20th September 2021

To,

Head of Department,

Department of Computer Engineering

Bharati Vidyapeeth College of Engineering, Lavale, Pune

A/p: Lavale, Dist. Pune.

Sub: Cost estimation of the sponsored project titled " **Institute Recommendation System**"

Respected Sir,

As you are aware that we had sponsored the project titled "**Institute Recommendation System**" from your college on which the following student group members are working.

1. **Prateek Bajpai**
2. **Asmita Orse**
3. **Harsh Shrivastav**
4. **Nikhil Satish Suryawanshi**

Following is the cost estimation which we are sponsoring to the above group for project implementation.

S.No	Description	Cost(In INR)
1	Computer (Core i3, 4 GB RAM, 500 GB HDD)	26500
2	Microsoft Windows 10 Professional OS	4200
3	UPS	1450
	Total Cost	32,150/-
	Total Cost in Words (Rs. Thirty-Two thousand one hundred and fifty only)	

Thanking You.

For


Milind Ankleshwar

Director, MASS Technologies



Date: 28th May 2022

To,

Head of Department

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

A/p: Lavale, Dist.: -Pune.

Project Completion Certificate

Respected Sir/Madam,

We are glad to inform you that the following students had successfully completed their final year project in our organization.

1. **Prateek Bajpai**
2. **Asmita Orse**
3. **Harsh Shrivastav**
4. **Nikhil Satish Suryawanshi**

Project Title: "Institute Recommendation System"

They had completed the project as per the requirement given to them by our company. The results are satisfactory and met our expectations. We wish all the best to students in their future endeavours.

For



MASS Technologies, Pune

Address: 6D, Noble Manchester, Opp. Navale Hospital, Above Cake House, Narhe,
Pune-411041

Website: <http://www.masstechnologies.co.in>

Date : 30/07/2021

To,

The Principal,
Bharati Vidyapeeth College Of Engineering, Lavale.
Pune-412115


Subject:- Sponsorship Letter

Respected Sir/Madam,

We would like to hereby confirm you, that **Ms. Bhagyashri Patil, Ms. Shaheen Mulla, Ms. Gauri Kolekar and Ms. Trupti Shinde** are students of Fourth Year Degree in Computer Engineering from your college who have been selected for carrying out the Final Year Project "**Smart Proctoring for Online Exam**". They will work with our organization from 1st August 2021 to 30th April 2022.

The working schedule of their project will be 2 days a week from 11.00 am to 6.00 pm. The details and scope of this project will be provided to them from the beginning of their tenure at the company facility. Upon successful completion of the project, they will be issued a certificate. We will be required to submit a copy of the detailed report before completion of the project.

Congratulations and welcome to the team!



L & D Infotech Pvt. Ltd
Somnath Lomte
Director



Date: 25/09/2021

To,

The Principal,

Bharati Vidyapeeth College Of Engineering, Lavale.

Ballpark Cost Estimation for *Smart Proctoring for Online Exam* Project

Approximate cost of the system comes out to be **Rs.54,000/-**.

Sr. no	Contents	Coast
1	Hardware & Monthly Maintenance	50,000
2	Software Tools and Environments	1,000
3	Documentation Cost	2,000
4	Man Efforts	1,000
	Total	54,000.00/-

Group Members:-

- 1) Bhagyashri Patil
- 2) Shaheen Mulla
- 3) Gauri Kolekar
- 4) Trupti Shinde

Please feel to contact us if you have any queries.

Thanks & Warm Regards,



Somnath Lomate
(Director)
L & D Infotech Private Limited





Date: 01/05/2022

COMPLETION LETTER

This is to certify that **Ms. Bhagyashri Patil, Ms. Shaheen Mulla, Ms. Gauri Kolekar and Ms. Trupti Shinde** students of BE from "**Bharati Vidyapeeth's College of Engineering, Lavale, Pune**" has successfully completed sponsorship on "**Smart Proctoring For Online Exam**" as a partial fulfillment of requirement towards Final Year of their BE project.

University Name- Savitribai Phule Pune University.

Duration- 1st August 2021 to 30th April 2022.

Branch- Computer Engineering.

Technology- Python, OpenCV

As abided by intellectual property and confidentiality policy of L & D Infotech Pvt Ltd Pune.

We wish them every success in life.

Thanks & Warm Regards,



Somnath Lomate
(Director)
L & D Infotech Private Limited





Speed Techserve Pvt. Ltd.

Leads you to satisfaction!

Ref. No.: STS/2021/14005

Date: 25/12/2021

SPONSORSHIP OFFER LETTER

This is to certify that the final year project of degree in "Computer Engineering" at "Bharati Vidyapeeth's College of Engineering Lavale, Pune", having title "Heart Disease Prediction using Machine Learning" is sponsored by "Speed Techserve Pvt. Ltd., Pune".

The group of students,

1. Omkar Sunil Sonawane
2. Abhishek Hanumant Patil
3. Vaibhav Sopan Margaje
4. Rushikesh Bramhdev Thombare

Have studied the requirements of the project and started working on the given requirement. Speed Techserve has specified the requirement, scope and technology of the project to be completed. Speed Techserve may suggest the modification in the project at any time, which needs to be completed in a given deadline.

The letter of project completion will be provided after successful completion of project and submission of project documents alongwith implementation code.

Wish you All The Best...!

Yours truly,



HR,
Mrs. Kajal,
For Speed TechServe Pvt. Ltd. (OPC).



Speed Techserve
leads you to satisfaction

To,

Date: 12/03/2022

Head of Department,

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

A/P: Lavale, Dist. Pune.

Subject: Cost Estimation of sponsored project titled "Predicting Presence of Heart Diseases using Classification Machine Learning Model".

Respected Sir,

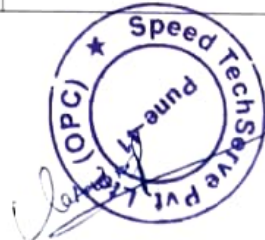
As you are aware that we had sponsored the project titled "Predicting Presence of Heart Diseases using Classification Machine Learning Model", from your college on which following students group members are working:

1. Abhishek Hanumant Patil
2. Omkar Sunil Sonawane
3. Vaibhav Sopan Margaje
4. Rushikesh Bramhdev Thombare

following is the cost estimation which we are sponsoring to above group for project implementation.

Sr. No	Description	Cost (in INR)
1.	Computer (Core i3, 4GB RAM, 500GB HDD)	20000
2.	Microsoft Windows 10 Professional OS	4200
3.	Research Paper	4000
4.	PyCharm Professional	1000
Total Cost	In Words (Twenty-Nine Thousand Two Hundred Only)	29200 /-

Thanking You,



Authorised Signatory

SpeedTechServe Pvt.Ltd



Speed Techserve Pvt. Ltd.

Leads you to satisfaction!

Ref. No.: STS/2022/051005

Date: 17/05/2022

TO WHOM IT MAY CONCERN

This is to certify that below mentioned students from "**Bharati Vidhyapeeth's College of Engineering "** Lavale, Department of "**Computer Engineering**" has successfully completed a project titled "**Heart Disease Prediction Using Machine Learning** " in our organization. During their tenure, we found them good in all the technologies they are competent with.

Besides being hard workers, we found them to be good team players. We wish them all success in their future endeavors.

List of Students:

- 1) Abhishek Patil
- 2) Omkar Sonawane
- 3) Rushikesh Thombare
- 4) Vaibhav Margaje

Yours truly,

Director,
Speed TechServe Pvt. Ltd.





Speed Techserve Pvt. Ltd.

Leads you to satisfaction!

Ref. No.: S TS/2021/121005

Date: 20/12/2021

SPONSORSHIP LETTER

This is to certify that the final year project of degree in "Computer Engineering" at "Bharati Vidyapeeth's College of Engineering Lavale, Pune", having title "Automatic Detection of Emotions Through Textual Commands and Feedback" is sponsored by "Speed Techserve Pvt. Ltd., Pune".

The group of students,

1. Shubham Pisal
2. Shraddha Phalke
3. Omkar Yerme
4. Omkar Pujari

Have studied the requirements of the project and started working on the given requirement. Company has specified the requirement, scope and technology of the project to be completed. Company may suggest the modification in the project at any time, which needs to be completed in a given deadline.

Wish you All The Best...!

Yours truly,



HR,
Mrs. Kajal,
For Speed TechServe Pvt. Ltd. (OPC).



Speed Techserve
leads you to satisfaction

To,

Date: 12/03/2022

Head of Department,

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

A/P: Lavale, Dist. Pune.

Subject: Cost Estimation of sponsored project titled "Automatic detection of emotion from textual commands & facial expressions".

Respected Sir,

As you are aware that we had sponsored the project titled "Automatic detection of emotion from textual commands & facial expressions", from your college on which following students group members are working:

1. Omkar Hallappa Pujari
2. Shubham Suresh Pisal
3. Omkar Balaji Yerne
4. Shraddha Gorakh Phalke

following is the cost estimation which we are sponsoring to above group for project implementation.

Sr. No	Description	Cost (in INR)
1.	Python Training	2000
2.	Project outline	1500
3.	Research Paper	3200
4.	Coding and Testing support	1500
Total Cost	In Words (Eight Thousand Two Hundred Only)	8200 /-

Thanking You,


Authorised Signatory
SpeedTechServe Pvt.Ltd



Speed Techserve Pvt. Ltd.

Leads you to satisfaction!

Ref. No.: STS/2022/05/604

Date: 16/05/2022

TO WHOM IT MAY CONCERN


This is to certify that below mentioned students from "Bharati Vidhyapeeth's College of Engineering", Department of "Computer Engineering" has successfully completed a project titled "Automatic Detection of Emotions Through Textual Commands and Feedback" in our organization. During their tenure, we found them good in all the technologies they are competent with.

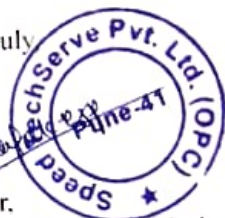
Besides being hard workers, we found them to be good team players. We wish them all success in their future endeavors.

List of Students:

- 1) Shubham Pisal
- 2) Shraddha Phalke
- 3) Omkar Yerme
- 4) Omkar Pujari

Yours truly,


Director,
Speed TechServe Pvt. Ltd.





Source Code Technology Pvt. Ltd.

Date: 10th May 2022

Sponsorship Letter

To Whom It May Concern:

Please see the details of my support outlined below:

Name of students :

- Ms. Amisha Sanjay Vasalkar
- Ms. Tejashree Gopalrao Kakade
- Ms. Supriya Yashavant Wabale
- Ms. Pratiksha Uttam Mogale

Project Name: Helmet Detection using Artificial Intelligence.

Relationship of sponsor to student: PROJECT SPONSORSHIP.

Length of time support will be provided: EIGHT MONTHS.

As a valuable member of our community, we would like to arrange sponsorship for the student's effort. During the sponsorship period, we are honor students and her important work regarding project. Here our company find out the students effort to make them diamond.

I appreciate your efforts and beneficial to organization. I look forward to hearing to you.

For Source Code Technology Pvt. Ltd.

Vinod Thete

Founder & CEO



Source Code Technology Pvt. Ltd.

#sohum creast, Near gurudwara Mandir, Walhekarwadi, Chinchwad, Pune-411035, Mob No: 9673921886

E-mail: vinodthete190@gmail.com, Website:- www.sourcecodetechnology.com Pune | Solapur | Nanded



Source Code Technology Pvt. Ltd.

Cost Estimation Letter

To,

Date:10/05/2022

Head of Department,

Department of Computer Engineering, Bharati
Vidyapeeth College of Engineering, Lavale, Pune.

Subject: Cost Estimation of sponsored project titled **"Helmet Detection Using Artificial Intelligence"**.

Respected Sir,

As you are aware that we had sponsored the project titled "Helmet Detection using Artificial Intelligence", from your college on which following students group members are working:

1. Supriya Wabale
2. Tajashree Kakade
3. Amisha Vasaikar
4. Pratiksha Mogale

Source Code Technology Pvt. Ltd.

#sohum creast, Near gurudwara Mandir, Walhekarwadi, Chinchwad, Pune-411035, Mob No: 9673921886

E-mail: vinodthete190@gmail.com, www.sourcecodetechnology.com Pune | Solapur | Nanded



Source Code Technology Pvt. Ltd.

Project Completion Letter

This is to certify that below mentioned students from “Bharati Vidyapeeth’s College of Engineering Lavale, Pune ”, Department of “Computer Engineering” has successfully completed a project titled “Helmet Detection Using Artificial Intelligence” in our organization During their tenure, we found them good in all the technologies they are competent with.

Besides being hard workers, we found them to be good team players. We wish them all success in their future endeavors.

List of Students:

- 1) Amisha Sanjay Vasaikar.
- 2) Pratiksha Uttam Mogale.
- 3) Tejashree Gopalrao Kakade.
- 4) Supriya Yashavant Wabale.

Vinod Thete



(Founder & CEO),
Source Code Technology Pvt.Ltd.

Source Code Technology Pvt. Ltd.

#sohum creast, Near gurudwara Mandir, Walhekarwadi, Chinchwad, Pune-411035, Mob No: 9673921886

E-mail: vinodthete190@gmail.com, www.sourcecodetechnology.com Pune | Solapur | Nanded



Source Code Technology Pvt. Ltd.

following is the cost estimation which we are sponsoring to above group for project implementation.

Sr. No	Description	Cost (in INR)
1.	Python Training	2000
2.	Project outline	1500
3.	Research Paper	2500
4.	Coding and Testing support	1500
5.	Helmet	1000
Total Cost	In Words (Eight Thousand Two Hundred Only)	8500 /-

Vinod Thete



Founder & CEO



Source Code Technology Pvt. Ltd.

#sohum creast, Near gurudwara Mandir, Walhekarwadi, Chinchwad, Pune-411035, Mob No: 9673921886

E-mail: vinodthete190@gmail.com, www.sourcecodetechnology.com Pune | Solapur | Nanded



Phi Education Solutions Private Limited

606, F Wing, Sarkar Tower-2, Nesbit Road, Mazgaon, Mumbai – 400010, Maharashtra Ph:
Ph: +91 90110 43630 | e-mail: info@phi-education.com | www: [www: www.phi-education.com](http://www.phi-education.com)

Date: 22nd Jan 2022

TO WHOM IT MAY CONCERN

Dear Madam/Sir,

Phi Education Solutions Pvt. Ltd. is pleased to inform you that we have selected you for the consultancy and project work on Data Engineering application development. We would like to share with you that you and your team will work on problem statement related to AI&ML based Data Engineering starting 15th September 2021.

Following team is selected and these will work on the project under your guidance. Our organization will provide mentoring and other related support required for the project development as well as for the sponsored work.

The team to carry the consultancy work:

Faculty name: Prof. Leena Chaudhari (Internal Mentor)

Students' Name:

1. Hrutwik Jiddewar
2. Md. Maaz Momin
3. Rushi Khandetod

This team is allowed to come to our organization/attend online meetings for the guidance and project requirement discussions. Company mentors are Mr. Amit Parashar, Mr. Zainul Abedin Abbasi & Mr. Pranay Kishore.

Thanks & Regards,

For

Phi Education Solutions Pvt. Ltd.

(A Phi Robotics Research Enterprise)

Ashwin Agrawal

President – Strategy & Operations

Authorized Signatory

e-mail: ashwin.agr@phi-education.com





Office: B-604 Teerth Technospace, Bangalore highway, beside Mercedes Benz Showroom, Baner, Pune- 411045, India.

Email: hr@kriosispl.com

Phone: 9545610049

Website: www.kriosispl.com

Certificate of Completion

Date: 07/06/2021

This certificate is presented to

Candidate Name:

1. Utkarsh Rokade (+91 9284646105) utkarshrokade@gmail.com
2. Bhavesh Bardiya (+91 7218855409) gauravbardiya12@gmail.com
3. Sourabh Chougale (+91 7447261092) sourabhchougale5799@gmail.com
4. Gaurav Borade (+91 7972761046) gauravsbk6@gmail.com

Project Topic: "Krios organ donation community (KODC)"

For completing the project with **Krios Info Solution Pvt. Ltd**

Date of Completion: 05 June 2021

Thanking You.

From Krios Info Solutions Pvt. Ltd.

YOGESH
DAMODAR
DASPUTE

Digitally signed by
YOGESH DAMODAR
DASPUTE
Date: 2021.06.11
14:04:39 +05'30'

Authorized Signatory



Office: B-604 Teerth Technospace, Bangalore highway, beside Mercedes Benz Showroom, Baner, Pune- 411045, India.

Email: hr@kriosipl.com

Phone: 9545610049

Website: www.kriosipl.com

Cost Estimation

Approximate Cost Estimation for the project **Krios Organ Donation Community (KODC)**

Approximate cost of the system comes to be **₹11280/-**

Sr. No.	Particulars	Cost
1.	Salesforce Essentials Pack	7280 (for 4 months)
2.	Monthly Maintenance	800
3.	Manual Efforts	1600
4.	Documentation Costs	1600
	Total	11280

Candidate Name:

1. Utkarsh Rokade (+91 9284646105) utkarshrokade@gmail.com
2. Bhavesh Bardiya (+91 7218855409) gauravbardiya12@gmail.com
3. Sourabh Chougale (+91 7447261092) sourabhchougale5799@gmail.com
4. Gaurav Borade (+91 7972761046) gauravsbk6@gmail.com

From Krios Info Solutions Pvt. Ltd.

YOGESH
DAMODAR
DASPUTE

Digitally signed by
YOGESH DAMODAR
DASPUTE
Date: 2021.06.11
13:49:06 +05'30'

Authorized Signatory



Office: B-604 Teerth Technospace, Bangalore highway, beside Mercedes Benz Showroom, Baner, Pune- 411045, India.

Email: hr@kriosispl.com

Phone: 9545610049

Website: www.kriosispl.com

Sponsorship Letter

Date: 05/05/2021

To,
The HOD of Computer
B.V.C.O.E.L
Pune, MH India

Respected Sir,

It is our good pleasure to inform you that we have selected following group for the **Bachelor of Engineering Final Year project** in our company **Krios Info Solution Pvt. Ltd.** All selected member need to come to company premises at **B-604 , 6th floor Teerth Technospace, Bangalore highway, Baner ,Pune ,MH- 411045, India** for the project Krios organ donation community (KODC).

Reporting Person from Krios Info Solution Pvt. Ltd

1. Mr. Jitendra Patil (+91 9860754599)- Salesforce

Semester 2 Schedule:

15 Jan 2021 to 15 June 2021: Full time

Candidate Name:

1. Utkarsh Rokade (+91 9284646105) utkarshrokode@gmail.com
2. Bhavesh Bardiya (+91 7218855409) gauravbardiya12@gmail.com
3. Sourabh Chougale (+91 7447261092) sourabhchougale5799@gmail.com
4. Gaurav Borade (+91 7972761046) gauravsbk6@gmail.com

Thanking You.

From Krios Info Solutions Pvt. Ltd.

YOGESH
DAMODAR
DASPUTE

Digitally signed by
YOGESH DAMODAR
DASPUTE
Date: 2021.05.11
14:35:18 +05'30'

Authorized Signatory

BOLT

TECHNOLOGIES

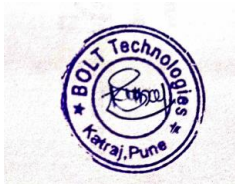
Date: 15/ 06 / 2021

TO WHOM IT MAY CONCERN

We are glad to inform you that **Mr. Kiran mule , Miss. Shweta Bolake , Mr. Darshan Kulthe.** from **bharati vidyapeeth college of engineering lavale Pune** has successfully completed his internship and project at BOLT Technologies from 15 January 2021 to 15 June 2021. During his internship, he was exposed to the various activities in Automation Products & Services Division.

BOLT Technologies is a Mechanical , Computer service-based company. At BOLT Technologies, we're committed to deliver speedy and cost-effective services and solutions without compromising on quality.

We found him extremely inquisitive and hard working. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get in to the depth of the subject to understand it better. His association with us was very fruitful and we wish him all the best in his future endeavors.



Authorized Signature

**Sr. No. 363/1, Near Mahaveer Kunj Society, Santosh Nagar, Lane No.09 ,
Katraj Pune - 411046**

Mobile No. 9359158937/ 8070077070

BOLT

TECHNOLOGIES

15th June, 2020

Cost Estimation

Approximate Cost Estimation for the project *Depression Detection Using AL Through Text and Visual Expression*

Approximate cost of the system comes to be ₹7420/-

Sr. No.	Content	Cost
1	Software Tools and Environment	5140
2	Monthly Maintenance	940
3	Documentation Cost	00
4	Man Efforts	1340
	Total	7420

Candidates Name:

1. Darshan Kulthe - darshankulthe55@gmail.com
2. Kiran Mule - kiranmule555@gmail.com
3. Shweta Bolake - shwetabolake13@gmail.com



Authorized Sign

Sr. No. 363/1, Near Mahaveer Kunj Society, Santosh Nagar, Lane No.09 ,
Katraj Pune - 411046

Mobile No. 9359158937/ 8070077070

BOLT

TECHNOLOGIES

15th June, 2020

TO WHOM IT MAY CONCERN

Re: Official Approval letter

Greetings from Bolt Technologies!
We would like to confirm that that

- Miss . kiran Mule
- Miss . Shweta bolake ,
- Mr. Darshan Kulthe ,

A student of B.E. (Computer), "BVCOE, Lavale Pune" Is official recipient of scholarship, under the project titled " Depression Detection using artificial intelligence through text and visual expression" at Bolt Technologies !

The approval consists of total expenditure required for completion of the project.

Bolt Technologies is a Mechanical & Software service-based and company.

At Bolt Technologies we're committed to deliver speedy and cost-effective services and solutions without compromising on quality.



Authorized Sign

**Sr. No. 363/1, Near Mahaveer Kunj Society, Santosh Nagar, Lane No.09 ,
Katraj Pune - 411046**

Mobile No. 9359158937/ 8070077070



VST INFOTECH

Date: 10-05-2021

Project Completion Letter

To Whom It May Concern:

It is with great delight that VST Infotech has to extend an offer of sponsorship and completion of project.

Students Below :

- Mr. Gaurav rohidas sathe
- Mr. Maheshwar Kumbhar
- Miss. Sakshi Hood
- Miss. Megha Ghatol.

From Bharati Vidyapeeth's college of Engineering, lavale Pune has successfully completed his internship and project at VST Infotech PVT LTD from 15 August 2020 to 15 May 2021 During his internship, he was exposed to the various activities in Automation Products & Services Division.

VST Infotech PVT LTD is a Mechanical , Computer service-based company. At BOLT Technologies, we're committed to deliver speedy and cost-effective services and solutions without compromising on quality.

We found him extremely inquisitive and hard working. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get in to the depth of the subject to understand it better. His association with us was very fruitful and we wish him all the best in his future endeavors.

I look forward to hearing from you soon so that we can move forward with this wonderful opportunity for VST Infotech and students.

Yours sincerely,

For VST InfoTech,

Vinod Thete

VST InfoTech

1st Floor, Rajanigandha Building, Opposite Bhushan Hotel, Shivajinagar Pune-411030, Mob No:-9673921886
Email :-vstinfotech10@gmail.com, Website:- www.vstinfotech.com, Pune



15th June, 2021

Cost Estimation

Approximate Cost Estimation for the project *Anomaly Detection in video surveillance using CNN Algorithm* Approximate cost of the system comes to be
₹7520/-

Sr. No.	Content	Cost
1	Software Tools and Environment	5240
2	Monthly Maintenance	940
3	Documentation Cost	00
4	Man Efforts	1340
	Total	7520

Candidates Name:

1. Gaurav Sathe - gauravsathe49@gmail.com
2. Megha Ghatol - meghaghatol1998@gmail.com
3. Sakshi Hood - sakshi.patilhood@gmail.com
4. Maheshwar Kumbhar - maheshwarkumbhar@gmail.com

Vinod Thete

Authorized Sign
For VST InfoTech,

VST InfoTech

1st Floor, Rajanigandha Building, Opposite Bhushan Hotel, Shivajinagar Pune-411030, Mob No:-
9673921886 Email :-vstinfotech10@gmail.com, Website:- www.vstinfotech.com, Pune



Date: 07 December 2020

Sponsorship Letter

To Whom It May Concern:

It is with great delight that VST InfoTech has to extend an offer of sponsorship for

Students Below:

- Maheshwar Kumbhar
- Megha Ghatol
- Sakshi Hood
- Gaurav Sathe

Here at VST InfoTech we are dedicated to fostering new talent and we believe that students has what it takes to make a huge impact. In return we ask that Students display VST InfoTech's promotional signs and literature throughout.

The finer details of this sponsorship offer can be worked out in the future but in the meantime I'd like to invite you to annual event so that we can discuss this exciting new relationship. Please contact me at your earliest convenience so that we can set up grate event.

I look forward to hearing from you soon so that we can move forward with this wonderful opportunity for VST Infotech and students.

Yours sincerely,

For VST InfoTech,

Ganesh Borule.

VST InfoTech

1st Floor, Rajanigandha Building, Opposite Bhushan Hotel, Shivajinagar Pune-411030, Mob No:-9860036663
Email :-vstinfotech10@gmail.com, Website:- www.vstinfotech.com, Pune

15th June, 2021

Cost Estimation

Approximate Cost Estimation for the project *COVID-19 Future Forecasting*
Using Machine Learning Approximate cost of the system comes to be ₹7520/-

Sr. No.	Content	Cost
1	Software Tools and Environment	5240
2	Monthly Maintenance	940
3	Documentation Cost	00
4	Man Efforts	1340
	Total	7520

Candidates Name:

1. Prathamesh Kshirsagar - Prathamk.eng@gmail.com
2. Prasad Jadhav - Jadhav.prasad.jd@gmail.com
3. Sanket Wakade - wakdade.sanket21@gmail.com
4. Saurabh Karpe - Saurabh.karpe43@gmail.com



Vinod Thete
Authorized Sign
For BolT Technologies,

BolT Technologies

1st Floor, Rajanigandha Building, Opposite Bhushan Hotel, Shivajinagar Pune-411030, Mob
No:9673921886 Email :-Bolttech10@gmail.com, Website:- www.Boltinfotech.com, Pune

BOLT

TECHNOLOGIES

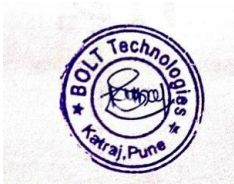
Date: 26/ 05 / 2021

TO WHOMIT MAY CONCERN

We are glad to inform you that **Mr. Prathamesh Kshirsagar, Mr. Prasad Jadhav, Mr. Sanket Wakade, Mr. Saurabh Karpe.** from **bharati Vidyapeeth College of Engineering lavale, Pune** has successfully completed his internship and project at BOLT Technologies from 15 August 2020 to 15 May 2021. During his internship, he was exposed to the various activities in Automation Products & Services Division.

BOLT Technologies is a Mechanical , Computer service-based company. At BOLT Technologies, we're committed to deliver speedy and cost-effective services and solutions without compromising on quality.

We found him extremely inquisitive and hard working. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get in to the depth of the subject to understand it better. His association with us was very fruitful and we wish him all the best in his future endeavors.



Authorized Signature

Sr. No. 363/1, Near Mahaveer Kunj Society, Santosh Nagar, Lane No.09 ,
Katraj Pune - 411046

Mobile No. 9359158937/ 8070077070

BOLT

TECHNOLOGIES

29th July, 2020

TO WHOM IT MAY CONCERN

Re: Official Approval letter

Greetings from Bolt Technologies!

We would like to confirm that that

- **Mr. Prathamesh Kshirsagar,**
- **Mr. Sanket Wakade ,**
- **Mr. Prasad Jadhav,**
- **Mr. Saurabh Karpe,**

A STUDENT OF B.E. (computer)," Pune "Bharati Vidyapeeth College Of Engineering,Lavale Pune."
Is official recipient of scholarship, under the project titled " **COVID-19 Future Forecasting Using Supervised Machine Learning Models** " at Bolt Technologies !

The approval consists of total expenditure required for completion of the project.

Bolt Technologies is a Mechanical & Software service-based and company.

At Bolt Technologies we're committed to deliver speedy and cost-effective services
and solutions without compromising on quality.



Authorized Sign

**Sr. No. 363/1, Near Mahaveer Kunj Society, Santosh Nagar, Lane No.09 ,
Katraj Pune - 411046**

Mobile No. 9359158937/ 8070077070



Austere Systems Pvt. Ltd.

Date: 25 December 2020

To,
Head of Department,
Department of Computer Engineering,
Bharati Vidyapeeth College of Engineering,
A/p: Lavale, Dist. Pune.

Subject: Cost Estimation of sponsored project titled “Austere Work Tracking System”.

Respected Sir,

As you are aware that we had sponsored the project titled “Austere Work Tracking System”, from your college on which following students group members are working:

1. Vaishnavi Chandrakant Kohinkar
2. Nikita Laxman Chandrapatle
3. Harshada Dattatray Bandal

Following is the cost estimation which we are sponsoring to above group for project implementation.

Sr.No	Description	Cost(in INR)
1.	Computer (Core i3, 4GB RAM, 500 GB HDD)	26,500
2.	Microsoft Windows 10 Professional OS	4,200
	Total Cost	30,700/-
	Total Cost in Words (Rs.Thirty Thousand Seven Hundred only)	

Thanking You,

For Austere Systems Pvt. Ltd



Authorized Signatory
Austere System.Pvt.Ltd.

Corporate Office: 3rd Floor, Plot no 34, A Square, Sector 26 Pradhikaran, Nigdi, Pune, Maharashtra, India

Gurgaon: C-74, LGF Suncity Sector-54, Golf Course Road, Gurugram, Haryana, India

Global Presence : USA , Singapore , New Zealand , Australia

www.austeresystems.com



Austere Systems Pvt. Ltd.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that following team members have worked for our company for doing their Internship.

1. Vaishnavi Chandrakant Kohinkar
2. Nikita Laxman Chandrapatle
3. Harshada Dattatray Bandal

Due to Corona crisis situation communication was limited and hence they could not implement our project and is still in pending status, but we are certifying they have worked for our project.

We wish them all the best for their future assignments.

For **Austere Systems Pvt. Ltd**



Authorized Signatory
Austere Systems Pvt. Ltd

Corporate Office: 3rd Floor, Plot no 34, A Square, Sector 26 Pradhikaran, Nigdi, Pune, Maharashtra, India

Gurgaon: C-74, LGF Suncity Sector-54, Golf Course Road, Gurugram, Haryana, India

Global Presence : USA , Singapore , New Zealand , Australia

www.austeresystems.com



Austere Systems Pvt. Ltd.

Date: 25 December 2020

To,
Head of Department,
Department of Computer Engineering,
Bharati Vidyapeeth College of Engineering,
A/p: Lavale, Dist. Pune

Subject: Cost Estimation of sponsored project titled “Automation Framework using Java”.

Respected Sir,

As you are aware that we had sponsored the project titled “Automation Framework using Java”, from your college on which following students group members are working:

1. Akash Mahajansing Jadhav
2. Akash Kumar Arun Ari
3. Akash Santram Nikam
4. Ram Kanhoba Bhongle

Following is the cost estimation which we are sponsoring to above group for project implementation.

Sr.No	Description	Cost(in INR)
1.	Computer (Core i3, 4GB RAM, 500 GB HDD)	26,500
2.	Microsoft Windows 10 Professional OS	4,200
	Total Cost	30,700/-
	Total Cost in Words (Rs.Thirty Thousand Seven Hundred only)	

Thanking You,

For Austere Systems Pvt. Ltd



Authorized Signatory
Austere Systems Pvt. Ltd

Corporate Office: 3rd Floor, Plot no 34, A Square, Sector 26 Pradhikaran, Nigdi, Pune, Maharashtra, India

Gurgaon: C-74, LGF Suncity Sector-54, Golf Course Road, Gurugram, Haryana, India

Global Presence : USA , Singapore , New Zealand , Australia

www.austeresystems.com

Date: 28th May 2020

To,

Head of Department

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

A/p: Lavale, Dist:-Pune.

Project Completion Certificate

Respected Sir/Madam,

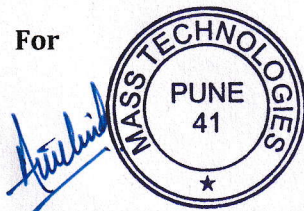
We are glad to inform you that following students had successfully completed their final year project in our organization.

1. **Jyoti Gadekar**
2. **Shubhangi Lohar**
3. **Ravina Solanke**
4. **Akshay Taware**

Project Title: "A New Improved Mobile Application for Society Security System"

They had completed entire implementation as per the requirement given to them by our company. The results are satisfactory and met to our expectation. We wish all the best to students for their future endeavors'.

For



MASS Technologies, Pune

**Address: 6D, Noble Manchester, Opp.Navale Hospital, Above Cake House,Narhe,
Pune-411041**

Website: <http://www.masstechnologies.co.in>

Date: 17th August 2019

To,

Head of Department,

Department of Computer Engineering

Bharati Vidyapeeth College of Engineering, Lavale, Pune

A/p: Lavale, Dist. Pune.

Sub: Cost estimation of sponsored project titled " **A New Improved Mobile Application based Society Security System**"

Respected Sir,

As you are aware that we had sponsored the project titled "**A New Improved Mobile Application based Society Security System**" from your college on which following student group members are working.

1. Shubhangi Lohar
2. Ravina Solanke
3. Jyoti Gadekar
4. Akshay Taware

Following is the cost estimation which we are sponsoring to above group for project implementation.

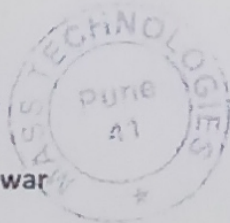
S.No	Description	Cost(In INR)
1	Android Phone (13MP Primary Camera , f2.0 aperture, 1.12µm pixels)	10500
2	Wi-Fi Router (150 MBPS)	1300
3	Computer (Core i3, 4 GB RAM, 500 GB HDD)	26500
4	Microsoft Windows 10 Professional OS	4200
5	UPS	1450
	Total Cost	43950/-
	Total Cost in Words (Rs. Forty Three Thousand Nine Hundred and Fifty Only).	

Thanking You.

For

Milind Ankleshwar

Director, MASS Technologies



Date: 18th September 2019

To,

Head of Department,

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering, Lavale, Pune

A/p: Lavale, Dist. Pune.

Sub: Cost estimation of sponsored project titled " **Conjunctive Keyword Search with timing enabled proxy re-encryption function for e-health clouds**"

Respected Sir,

As you are aware that we had sponsored the project titled "**Conjunctive Keyword Search with timing enabled proxy re-encryption function for e-health clouds**", from your college on which following student group members are working.

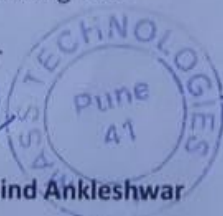
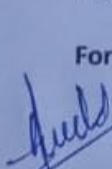
1. **Purva Vavale**
2. **Kalpeksha Surve**
3. **Juilee Kudale**
4. **Apurva Vavale**

Following is the cost estimation which we are sponsoring to above group for project implementation.

S.No	Description	Cost(In INR)
1	Computer (Core i3, 4 GB RAM, 500 GB HDD)	26500
2	Microsoft Windows 10 Professional OS	4200
3	UPS	1450
	Total Cost	32150/-
	Total Cost in Words (Rs. Thirty Two Thousand One Hundred and Fifty Only).	

Thanking You.

For



Milind Ankleshwar

Director, MASS Technologies

Address: 6D, Noble Manchester, Above Axis Bank ATM, Near Navale Hospital, Narhe, Pune-411041

Website: <http://www.masstechnologies.co.in>

Date: 25th May 2020

To,

Head of Department

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

A/p: Lavale, Dist:-Pune.

Project Completion Certificate

Respected Sir/Madam,

We are glad to inform you that following students had successfully completed their final year project in our organization.

1. **Purva Vavale**
2. **Kalpeksha Surve**
3. **Juilee Kudale**
4. **Apurva Vavale**

Project Title: "Conjunctive Keyword Search with timing enabled proxy re-encryption function for e-health clouds"

They had completed entire implementation as per the requirement given to them by our company. The results are satisfactory and met to our expectation. We wish all the best to students for their future endeavors'.

For



MASS Technologies, Pune

**Address: 6D, Noble Manchester, Opp.Navale Hospital, Above Cake House,Narhe,
Pune-411041**

Website: <http://www.masstechnologies.co.in>

Item	Quantity	Price
Arduino Microcontroller ESP8266	1	350
Capacitive filter	5	50
Bridge Rectifier	1	400
Transformer	1	350
Switches and Pushbuttons	1	20
LIGHT-EMITTING DIODE (LED)	5	10
Panel Buzzer	1	250
Diodes	5	10
Capacitor	1	100
Resistor	25	50
LCD (2X16)	1	200
R300 All-in-one Capacitive Fingerprint Reader Sensor Module : FPC1020	1	4500
Servo Motor	1	6000
Potentiometer	1	650
Presets	1	2000
Switch interface	1	50
GSM modem	1	900
Relays	1	350
Total		16240

Signature



To,

Head of Department

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

Lavale, Pune

Date: 16th June 2020

From,

Shishir Shetty

Rayer Alpha

Pune.

Respected Sir/Madam,

I am writing this letter to extend my appreciation towards for successful completion of Vehicle security using IOT on time. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I once again, would like to thank you and congratulate you for your hard work and dedication. Wishing you all the best and good luck ahead.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Shishir Shetty', with a horizontal line drawn through it.

SHISHIR SHETTY



To,

Head of Department

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

Lavale, Pune

Date: 24th Sept 2020

From,

Shishir Shetty

Rayer Alpha

Pune.

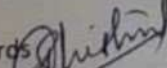
Respected Sir/Madam,

This letter is hereby to inform your department about the expenditure during the course of this project : Fingerprint Based Vehicle Security System in current quarter which has been completed by your fellow students.

The amount that has been summed up while completing this project : 16240 /- (Sixteen thousand two hundred and forty only) please find detailed expense over the project has I have attached the file for the same.

The list of items may include some spares that has been in deemed as an extra spare parts which can be included over the same.

Please write back to us at : info@rayeralpha.com for further queries over the same for vendor details, if required.

Regards 

SHISHIR SHETTY

SMART TOUCH AND MAINTENANCE

Certificate

Presented to

This is to clarify that Mr. Omkar Ekatpure, Mr. Vaibhav Agarkar, Mr. Prasad Pawar, Prof. S. P. Dhamone Bharati Vidyapeeth College of Engineering Lavale, Pune have done a project named as "Modification and Customization" of Special purpose machine in the field MECHANICAL ENGINEERING Sponsored by SMART TOUCH AND MAINTENANCE year 2019-20.



Pradip Patole

Company Director

Smart Touch Machines & Maintenance
42, Post Lavale (Pune)
411 511, Maharashtra



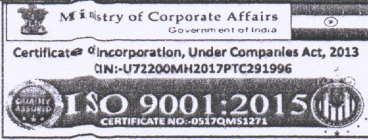
Wab IT Software Pvt. Ltd.
(World Around Business) (Solutions)

WAB IT SOFTWARE PVT LTD.

[World Around Business]

4th Floor, 401, Nirman Sankul, Above ICICI Bank ATM, Siddharth Nagar, Aundh gaon, Pune-411007

Ph-7040010693



Certificate of Incorporation, Under Companies Act, 2013 CIN:-U72200MH2017PTC291996

Date: 25th August 2018

To,

Head of Department

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

A/p: Lavale, Dist:-Pune.

Letter of Sponsorship

Respected Sir/Madam,

We are glad to inform you that based on subsequent technical discussion and interview with your students; we had decided to give the sponsorship to following students on their final year project.

1. Priyanka Singh
2. Bhagyashri Shitole
3. Shubhangi Satav

Project Title: "E-Parking System Based On Recourse Allocation and Reservation"

Internal Guide: Prof. Parinita Chate, Department of Computer Engineering, Bharati Vidyapeeth College of Engineering, Lavale, Pune.

We will be providing all technical and non-technical support to above students for successful implementation of this project during their academic year 2018-19.

We wish all the best to students and hope they will fulfill all the project requirement in due course of time.

For WAB IT Software Pvt Ltd, Pune



WEBSITE: www.wabitsolution.com

EMAIL: hr@wabitsolution.com

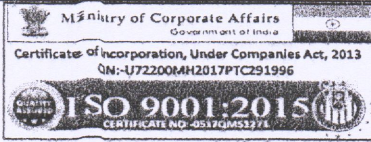


WAB IT SOFTWARE PVT LTD.

[World Around Business]

4th Floor, 401, Nirman Sankul, Above ICICI Bank ATM, Siddharth Nagar, Aundh gaon, Pune-411007

Ph-7040010693 Email:-hr@wabitsolution.com



Certificate of Incorporation, Under Companies Act, 2013 CIN:-U72200MH2017PTC291996

Date: 15/04/2019

To,
Head of Department,
Department of Computer Engineering
Bharati Vidyapeeth College of Engineering, Lavale, Pune
/p: Lavale, Dist. Pune.

Sub: Cost estimation of sponsored project titled **"E-Parking System Based on Resource Allocation and Reservation"**

Respected Sir,

As you are aware that we had sponsored the project titled **"E-Parking System Based on Resource Allocation and Reservation"**, from your college on which following student group members are working.

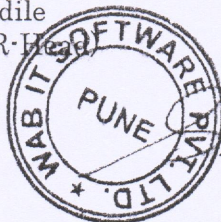
1. Shubhangi Satav
2. Bhagyashri Shitole
3. Priyanka Singh

Following is the cost estimation which we are sponsoring to above group for project implementation.

S.No	Description	Cost(In INR)
2	Wi-Fi Router (150 MBPS)	1300
3	Computer (Core i3, 4 GB RAM, 500 GB HDD)	10000
4	Training Cost	1000
5	Project Management Development	15000
6	Travel Cost	3200
	Total Cost	30,500/-

For WAB IT SOFTWARE PVT LTD. (SOLUTIONS)

Sachin Wadile
(Director & HR Head)



WEBSITE: www.wabitsolution.com or www.wabitsolution.com

EMAIL: hr@wabitsolution.com



WAB IT SOFTWARE PVT LTD.

[World Around Business]

4th Floor, 401, Nirman Sankul, Above ICICI Bank ATM, Siddharth Nagar, Aundh gaon, Pune-411007

Ph-7040010693 Email:-hr@wabitsolution.com



Certificate of Incorporation, Under Companies Act, 2013 CIN:-U72200MH2017PTC291996

Date: 15/04/2019

To Whomsoever It May Concern

LETTER OF PROJECT COMPLETION

This is to certify that following project group to whom we had allocated the project under our organization had successful completed it. Following are the sponsored project group details.

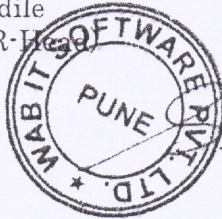
1. Priyanka Singh
2. Bhagyashri Shitole
3. Shubhangi Satav

Project Title: "E-Parking System Based On Resource Allocation And Reservation"

We are Satisfied with their performance during the whole tenure of project development life cycle and implementation. We wish them all the best for their future endeavors.

For WAB IT SOFTWARE PVT LTD. (SOLUTIONS)

Sachin Wadile
(Director & HR-Head)



Sachin Wadile
15/04/2019

WEBSITE: www.wabitsolution.com or www.wabitsolution.com

EMAIL: hr@wabitsolution.com

WAB IT SOFTWARE PVT LTD. (SOLUTIONS)

[World Around Business]

WAB IT SOLUTIONS, 4th Floor, 401, Nirman Sankul, Above ICICI Bank ATM, Siddharth Nagar, Aundh gaon,
Pune-411007 Ph-7040010693, Email:- hr@wabitsolution.com



Certificate of Incorporation, Under Companies Act, 2013 CIN:-U72200MH2017PTC291996

Date: 01/04/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Priyanka Singh**, student of **Bharati Vidyapeeth College Of Engineering Lavale Pune**. Has successfully completed her Industrial Training in **WAB IT SOFTWARE PVT LTD.** from **01.01.2019 to 30.03.2019** towards partial fulfillment of academic curriculum.

Project Title:- E-Parking System.

During the Industrial Training, She was found sincere, hardworking and good at applying software Development and Testing concepts and put lots of efforts to study practical working of our organization.

We forward best wishes for her carrier.

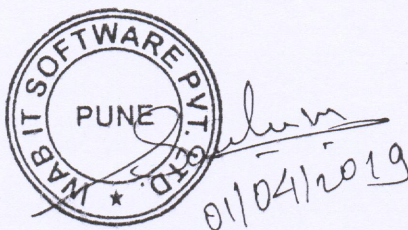


Thanking You,

Mr. Sachin Wadile

Founder/Director/Head HR Manager

WAB IT Software Pvt. Ltd.



WAB IT SOFTWARE PVT LTD. (SOLUTIONS)

[World Around Business]

WAB IT SOLUTIONS, 4th Floor, 401, Nirman Sankul, Above ICICI Bank ATM, Siddharth Nagar, Aundh gaon,
Pune-411007 Ph-7040010693, Email:- hr@wabitsolution.com



Certificate of Incorporation, Under Companies Act, 2013 CIN:-U72200MH2017PTC291996

Date: 01/04/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Bhagyashri Shitole**, student of **Bharati Vidyapeeth College Of Engineering Lavale Pune**. Has successfully completed her Industrial Training in **WAB IT SOFTWARE PVT LTD.** from **01.01.2019 to 30.03.2019** towards partial fulfillment of academic curriculum.

Project Title:- E-Parking System.

During the Industrial Training, She was found sincere, hardworking and good at applying software Development and Testing concepts and put lots of efforts to study practical working of our organization.

We forward best wishes for her carrier.

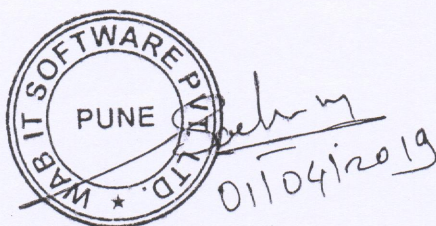


Thanking You,

Mr. Sachin Wadile

Founder/Director/Head HR Manager

WAB IT Software Pvt. Ltd.



LETTER OF COMPLETION

This is to certify the below students of Opulent Academy has successfully completed their project.

They are hardworking and worked diligently in their project. Their contributions to the project are appreciated. Listed below are the aspects of the work she has done:

Project Title: Two Factor Authentication In Online Transaction Process.

We hereby certify them work satisfactory to the best of our knowledge.

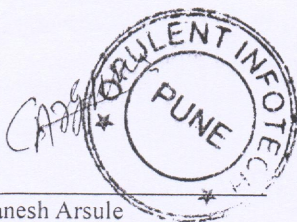
Student Name :

Sakshi Lale

Ajay Chirmade

Karunesh Pawar

Yours Sincerely,



Ganesh Arsule
Branch Incharge

Project Estimate

COCOMO model :-

The Constructive Cost **Model (COCOMO)** is a procedural software cost estimation **model** developed by Barry W. Boehm. The **model** parameters are derived from fitting a regression formula using data from historical projects.

Basic cocomo:

Computes software development effort and cost as a function of programme size expressed in terms of lines of code(LOC).

The basic cocomo model takes the following form:

$E = ab (KLOC)^{bb}$ persons-months

$D = cb(E)^{db}$ months

Where E- Stands for the effort applied in terms of person months

D-Development time in chronological months

KLOC-Kilo lines of code of the project

Ab,bb,cb,db are the co-efficients for the three modes are given below:

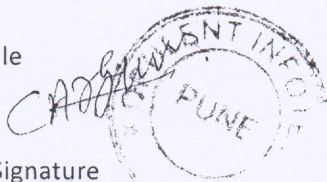
From E & D we can compute the no: of people required to accomplish the project as

$$N = E/D$$

Total project development cost is = 16000/

Ganesh Arsule

Authorized Signature



To,
The Head of Department,
Computer Engineering,
Bharathi Vidyapeeth's College Of Engineering lavale.

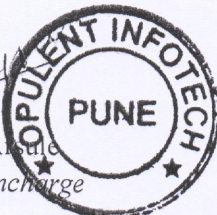
Date: 01/06/2019

Subject: Letter of Sponsorship for academic project

This is to certify that the below mentioned students are working with us on the project **Two Factor Authentication In Online Transaction Process**. We would like to offer them a platform to nurture their skills & work on the project under our guidance. By becoming a part of this sponsorship program, following students abide to work on different technologies to execute their project with the help of technical experts, mentorship and training. Institute's assent for allowing them to work with us is appreciated.

1. Sakshi Lale
2. Kurnesh Pawar
3. Ajay Chirmade

Authorized by


Ganesh A. ...
Branch Incharge

Date: 25th August 2018

To,

Head of Department

Department of Computer Engineering,

Bharati Vidyapeeth College of Engineering,

A/p: Lavale, Dist:-Pune.

Letter of Sponsorship

Respected Sir/Madam,

We are glad to inform you that based on subsequent technical discussion and interview with your students; we had decided to give the sponsorship to following students on their final year project.

1. Raj Lakhwani
2. Aman Kumar Sharma
3. Saurya Saurav

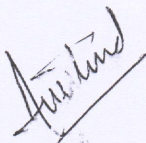
Project Title: "Improving Storage Utilization by Image Deduplication Approach"

**Internal Guide: Prof. Yogesh Kadam, Department of Computer Engineering,
Bharati Vidyapeeth College of Engineering, Lavale, Pune.**

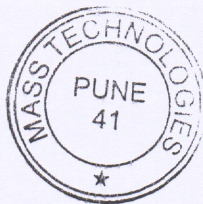
We will be providing all technical and non-technical support to above students for successful implementation of this project during their academic year 2018-19.

We wish all the best to students and hope they will fulfill all the project requirement in due course of time,

For



MASS Technologies, Pune



**Address: 6D, Noble Manchester, Opp. Navale Hospital, Above Cake House, Narhe,
Pune-411041**

Website: <http://www.masstechnologies.co.in>

Date: 20th October 2018

To,

Head of Department,

Department of Computer Engineering

Bharati Vidyapeeth College of Engineering, Lavale, Pune

A/p: Lavale, Dist. Pune.

Sub: Cost estimation of sponsored project titled **"Improving Storage Utilization By Image Deduplication Approach"**

Respected Sir,

As you are aware that we had sponsored the project titled **"Improving Storage Utilization By Image Deduplication Approach"**, from your college on which following student group members are working.

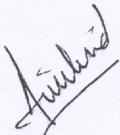
1. Raj Lakhwani
2. Aman Kumar Sharma
3. Saurya Saurav

Following is the cost estimation which we are sponsoring to above group for project implementation.

S. No	Description	Cost(In INR)
1	Wi-Fi Router (150 MBPS)	1300
2	Computer (Core i5, 8 GB RAM, 500 GB HDD)	32,500
	Total Cost	33,800/-
	Total Cost in Words (Rs. Thirty Three Thousand Eight Hundred Only).	

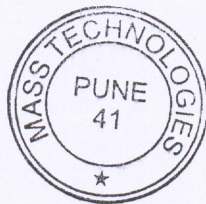
Thanking You.

For



Milind Ankleshwar

Director, MASS Technologies



Date: 30th April 2019

To Whomsoever It May Concern

LETTER OF PROJECT COMPLETION

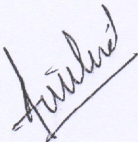
This is to certify that following project group to whom we had allocated the project under our organization had successfully completed it. Following are the sponsored project group details.

- 1. Raj Lakhwani**
- 2. Aman Kumar Sharma**
- 3. Saurya Saurav**

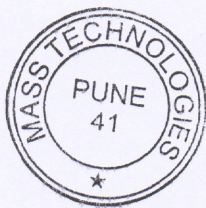
Project Title: "Improving Storage Utilization By Image Deduplication Approach"

We are satisfied with their performance during the whole tenure of project development life cycle and implementations. We wish them all the best for their future endeavors.

For



MASS Technologies, Pune



**Address: 6D, Noble Manchester, Opp.Navale Hospital, Above Cake House, Narhe,
Pune-411041**

Website: <http://www.masstechnologies.co.in>

Soham Consultants

Certificate of Completion

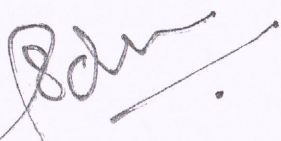
is hereby granted to

Master. Vaibhav. S. Dhage

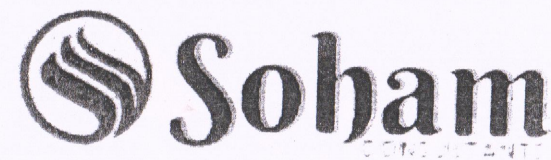
of Bharti Vidyapeeth College of Engineering, Lavale.

to certify that he has completed to satisfaction
One Month Internship as a Business Developer (Trainee Executive)

Granted : 17th June To 17th July, 2019



MR. S. N. PATWARDHAN



Soham Consultants

Certificate of Completion

is hereby granted to

Master. Huzaif. U. Mujawar

Of Bharti Vidyapeeth College of Engineering, Lavale.

to certify that he has completed to satisfaction
One Month Internship as a Business Developer. (Trainee Executive)

Granted : 17th June To 17th July, 2019


MR. S. N. PATWARDHAN

 **Soham**
CONSULTANTS

Soham Consultants

Certificate of Completion

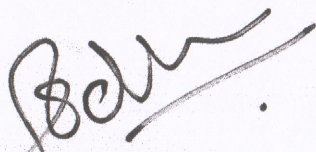
is hereby granted to

Miss Shravani. S. Tonge


Of Bharti Vidyapeeth College of Engineering, Lavale.

to certify that he has completed to satisfaction
One Month Internship as a Business Developer. (Trainee Executive)

Granted : 17th June To 17th July, 2019



MR. S. N. PATWARDHAN

 **Soham**
CONSULTANTS

Soham

Consultants:-

S. N. Patwardhan:- 098502 97483
74447488203/05.

Consultants, Trainers and Audits for
*ISO 9001-2015
*ISO 14001-2015
*ISO 22000-2018
*OHSAS 45001-2018
*And all the leading ISO certifications.

Date -

To,
The HOD (Computer Department)
BVCOEL, Pune.

SUBJECT – Verification of the Joining of your Candidate.

Respected Sir,

We at SOHAM CONSULTANTS, Verify that your candidate by the approval of your Esteemed principal Dr.R.N.Patil Sir and reference of Prof. Nidhi Jain Mam. Master Huzaif Umarsharif Mujawar will be working with us as an intern for a period of one month starting from 17th of June 2019 up to 17th of July 2019.

Best Regards,


S.N. Patwardhan.

Branch Office

Natu Baug,
Pune-Satara Road,
Pune – 411 037.

Registered office

Parijat Society,
Near Serum Institute of India,
Hadapsar,
Pune – 411 028.

Soham

Consultants:-

S. N. Patwardhan:- 098502 97483
74447488203/05.

1. **ISO 9001:2015**
2. **ISO 14001:2015**
3. **ISO 22000:2018**
4. **ISO 45001:2018**
And all the testing ISO certifications.

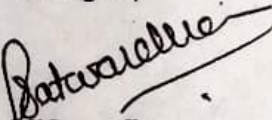
To,
The HOD (Computer Department)
BVCOEL, Pune.

SUBJECT - Verification of the Joining of your Candidate.

Respected Sir,

We at SOHAM CONSULTANTS, Verify that your candidate by the approval of your Esteemed principal Dr.R.N.Patil Sir and reference of Prof. Nidhi Jain Mam. Miss Shirvani Sanjay Torge will be working with us as an intern for a period of one month starting from 17th of June 2019 up to 17th of July 2019.

Best Regards,


S.N. Patwardhan.

Branch Office:

Natu Baug,
Pune-Satara Road,
Pune - 411 037.

Registered office

Parjat Society,
Near Seva Institute of India,
Khadapsar,
Pune - 411 028.