

24 sept 2016



MEMORANDUM OF UNDERSTANDING

Between



Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi, Pune



Fire and Security Association of India (FSAI)

This Memorandum of Understanding (MoU) is entered between Fire and Security Association of India(FSAI), a non profit organization established in 2002 and incorporated as a society with Tamil Nadu societies registration rules 1975 bearing registration number 326/2002 and represented by its undersigned of the ONE PART,

AND

- **Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi, Pune** Affiliated to University of Pune and approved by AICTE represented by undersigned of the OTHER PART.

Whereas **FSAI** and **Bharati Vidyapeeth's College of Engineering for Women**, shall be herein after jointly referred to as the "Parties" and singularly as "Party".

Fire and Security Association of India

www.fsai.in

Reg. Off.: 19/1, Kannadasan Salai, Near Natesan Park, T. Nagar, Chennai-600 017. Tel: + 91 44 42128535. Email: admin@fsai.in



The parties have decided to collaborate in the areas of mutual interest and in accordance with the terms and conditions set forth in this MoU, FSAI and **Bharati Vidyapeeth's College of Engineering for Women**, agree in the following activities.

- **Establishing Fire and Security Association of India (FSAI) FSAI Student Chapter, Rajasthan Circle at Bharati Vidyapeeth's College of Engineering for Women**, with FSAI Student Members in the University.
- **FSAI will issue "Student Membership Certificate"** to all the Student members in a befitting function organized at **Bharati Vidyapeeth's College of Engineering for Women**.
- Conducting Basic & Advance certificate courses in "Building Automation, Fire Systems & Electronic Security" for all the Engineering Students and will issue certificates at the end of the course.
- FSAI & **Bharati Vidyapeeth's College of Engineering for Women**, will support each other's programs/ events of common interest.
- **This MoU will Support on the following "deliverables" to FSAI Student Members along with FSAI Rajasthan Chapter / National FSAI Team will be as follows:-**
 - Chartering / installation of FSAI Student Secretary.
 - Guest lecture.
 - Industrial visit .Involvement of students into FSAI chapter activity.
 - Design competition in Building Automation Fire Safety & Security for students of **Bharati Vidyapeeth's College of Engineering for Women**.
 - Invite FSAI Industry Leaders / SME for tech seminars.
 - To assist in making Student program calendar.
 - Visiting FIRE & SAFETY Exhibitions / events organised across India by FSAI.

Each party will enter into appropriate agreement through this MoU, the terms and conditions, scope of services and when new programmes under this collaboration is initiated.

The MoU will take effect from the date it is signed by representatives of the quarters. It will remain valid for 3 years and may be continued thereafter after suitable review and agreement. Either party may terminate MoU by giving written notice to the other party three months in advance.

Once terminated neither FSAI nor **Bharati Vidyapeeth's College of Engineering for Women**, will be responsible for any losses, financial or otherwise which the other party may suffer. However FSAI and **Bharati Vidyapeeth's College of Engineering for Women**, will ensure all activities in progress are allowed to be completed successfully.



This MoU is signed subject to approval of the representative academic/ administrative bodies.

On behalf of FSAI
Signed by: Mr.Pankaj Dharkar.
FSAI, President

On behalf of **Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi, Pune**
Signed by: Dr.H. V. Vankudre.



Fire & Security Association of India



Bharati Vidyapeeth's College of Engineering for Women, Dhankawadi, Pune



Witness
Dr.S. M. Shendokar
FSAI,Vice-Chair,SIP



Witness

MOU/ Expression of Interest

1. This Memorandum of Understanding is being executed on **27/07/2017** between **M/s ATS InfoTech Pvt. Ltd. A Microsoft-AEP (Authorized Education Partner)** having its registered office at L-107, Lajpat Nagar-II, New Delhi -110024 and represented by Mr. **Sandeep Giyyan Jethani (Director Operations)** hence for purpose of MOU known as '**Delivery Partner**' and **Bharati Vidyapeeth's College of Engineering for Women, Pune** represented by **Prof. Dr. H.V.Vankudre (Principal)**, hence for purpose of MOU known as '**Resource Partner**'.
2. Delivery Partner would be offering International Certifications to the interested students from different vendors @ academic discounted price and those students who voluntarily pay the exam fees would be getting bundled training free of cost mapped to the certifications.
3. This contract in no way creates any financial binding nor does it imply that 'resource partner' has committed to provide any fixed number of student's registrations per year for the certification exams /bundled workshops, the only commitment from their end is to provide platform to address students / seminar to educate and motivate them about the various certifications and subsequent permission for registering the students who are voluntarily interested in the same.
4. As part of the special offering all exam vouchers provided to the students for certifications would have a **second attempt bundled free** in case the student fails to clear the same in first attempt.
5. Delivery Partner would bundle a '**free of charge**' faculty development Program once a year for the faculty members of the **resource partner**.
6. Delivery Partner would also **sponsor certification vouchers for faculty members** equivalent to 10% of the total students enrolled in academic year.
7. Students would be registering directly for the certification exam by making payment to the SPOC appointed by the **resource partner** or with M/s ATS Infotech Pvt. Ltd. either online or offline by chq/cash/DD. Proper receipts would be issued for the same. In case if only the **resource partner** collects the payments, the same would have to be transferred to **delivery partner** max within 7 days, as exam vouchers can only be registered once payment is made. Students would be receiving a conformation mail of their voucher being booked and entitlement to free training/workshop, once they register either online or offline.
8. The fee charged is against Microsoft /other vendor Certification exam and all other services like training are complimentary / bundled free and cannot be linked anywhere with the release of payment to **delivery partner** (in case if the certification fees is collected by **resource partner**).
9. Student would be receiving their **transcript and certificates** for the exam directly in their account in e-format, from the specific vendor like Microsoft /Oracle/Certiport etc. post successfully clearing the exam.

10. Resource Partner would be Provided 15% '**Resource Utilization Fees**' against use of infrastructure and other resources for the bundled free training. The Resource Utilization fees will be paid on basic fee excluding the taxes.
11. Resource Partner would provide necessary infrastructure within college, like labs with Computers, LCD Projector's, internet etc. for the execution of the **free training** and conducting the **Certification Exam**.
12. Resource partner would allocate time slot either on weekends/holidays /regular slot for min 6-8hrs or as per mutual consent with delivery partner for execution of FREE training in their campus.
13. The duration of the training may increase as per the level of participants and shall not be linked with the release of payments.
14. The tenure of the contract would be for a period of three years i.e. from **27/07/2017 to 26/07/2020** same cannot be terminated for min period of one year from the date of signing of the MOU.
15. Prices of the certification are subject to yearly review and revision as per the policy of the Certification vendor and other state and govt taxes as and when applicable by the Govt of India. However, a proper communication would be provided, whenever there is impact on the same.
16. "**Resource Partner**" cannot hire or take services from any current full time /part time, ex-employee of the Delivery Partner either directly or indirectly for any fulltime or part time assignment for minimum period of one year from the date of expiry of contract.
17. "**Resource Partner**" must follow from time to time rules/regulation & operational protocols laid down by Microsoft/Certiport other international vendors for their respective certification.
18. In case of any dispute, or difference whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach there of shall be settled by arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties "however the court of jurisdiction would be Bengaluru.
19. This **clause** is intended to be legally binding and the parties agree and acknowledge that both the terms of this **MOU** and the discussions relating to the collaborative activity are **confidential** and neither party will disclose them without the prior written consent of the other party.
20. **Resource Partner** would issue a letter of completion upon successful completion of the certification and bundled training program.
21. Minimum batch size to run a free training/workshop bundled with Certification will be 50 students however in case the numbers are very less than the decision on the same would be as per mutual consent.
22. Delivery partner would also be bundling free 6 month subscription access for 'mentorbuddy.com' for assessment and post assessment support mapped for both university curriculum and for aptitude test prep.

23. Cost of certification Exam after discount bundled with free workshop

Sr. No	Certification mapped free Workshop	Certification Exam Cost with two Attempts after discount	College Share 'RUF'	Reg Amount	Balance Fees	Program Duration
1	Cross Platform Mobile App. Dev Mapped to Microsoft MTA exam 98-735	2890+ 18% GST Students will get 2nd attempt sponsored /free from us incase if they fail in 1st attempt	15% of the basic fees. i.e. 433/-	Rs 1180 GST (inclusive)	RS 2230/ GST inclusive to be paid when free workshop starts.	20-24 hrs
2	IOT Mapped to Microsoft MTA exam98-361	2890+ 18% GST Students will get 2nd attempt sponsored /free from us incase if they fail in 1st attempt	15% of the basic fees. i.e. 433/-	Rs 1180 GST (inclusive)	RS 2230/ GST inclusive to be paid when free workshop starts.	20-24 hrs
3	Robotics Mapped to Microsoft MTA exam98-361	2890+ 18% GST Students will get 2nd attempt sponsored /free from us incase if they fail in 1st attempt	15% of the basic fees. i.e. 433/-	Rs 1180 GST (inclusive)	RS 2230/ GST inclusive to be paid when free workshop starts.	20-24 hrs
4	Cloud Computing Mapped to Microsoft MTA exam 98-369	2890+ 18% GST Students will get 2nd attempt sponsored /free from us incase if they fail in 1st attempt	15% of the basic fees. i.e. 433/-	Rs 1180 GST (inclusive)	RS 2230/ GST inclusive to be paid when free workshop starts.	20-24 hrs
5	Big data Mapped to Microsoft MTA Exam 98-364	2890+ 18% GST Students will get 2nd attempt sponsored /free from us incase if they fail in 1st attempt	15% of the basic fees. i.e. 433/-	Rs 1180 GST (inclusive)	RS 2230/ GST inclusive to be paid when free workshop starts.	20-24 hrs

For Resource Partner

Dr. H. V. Vankar
(Principal)

PRINCIPAL

BV's College of Engineering for Women
KATRAJ, DHANKAWADI, PUNE- 43

Authorized Signatory

Date: 27/07/2017

Witness Prof. Dr. D. A. Godse

Signature DAL

HEAD OF DEPT.

Information Technology

Date: 27/07/2017 BV'S College of
Engineering For Women
Pune-411 043

For Delivery Partner

Mr. Deepak Bang
(Director Operations)

Authorized Signatory

Date: 27/07/2017

Witness Saroj Jha

Signature

Date: 27/07/2017



MEMORANDUM OF UNDERSTANDING

Between



**Bharati Vidyapeeth's College of
Engineering for Women**

Pune-43



Dolphin Labs,

Pune-41



www.dolphinlabs.net

Labs For Training, Development and Research of VLSI and Embedded Systems

| Training Kits | Development Boards | Prototype Development | Technology Transfer |
| Intellectual Property Consultancy |

Pune: Shop No.9 & 10, Malvika Arcade, Vetalbuva Chawk, Narhe, Pune-411041

Email: ceo@dolphinlabs.net Phone : 020-65208051 Mob.: 9763714869

The **MEMORANDUM OF UNDERSTANDING IS ENTERED INTO ON** Monday, 18 June 2018 between, Bharati Vidyapeeth's College of Engineering for Women, Pune, located in Pune here after referred as BVCOEW, Pune and Dolphin Labs, Pune hereafter referred to Dolphin Labs, Pune located at Pune.

1. PREAMBLE

Collaborative efforts in industrial interaction have become the key to success in engineering Education. The collaboration is proposed in the areas of training, joint projects of students and faculty, joint development of research projects, joint sponsored projects from funding agencies, joint faculty and staff development programs, joint consultancy projects with a sound revenue sharing model and placement of the students etc as per need and mutual understanding. Students are to be encouraged to participate in in-plant training and field work. Participation in such activities will give a good exposure on the developments taking place in different areas. Accrual of benefits to students in research is proposed, using the facilities at organizations. The institution and industry are required to establish collaboration through MoUs. The industry-institute signing this MoU has agreed to work on the philosophy mentioned in this preamble.

2. PURPOSE

The aim of this MoU is primarily to establish a written document under which both the parties may enter into a written agreement to perform collaborative programs in the areas of mutual interest.

WE DO RESEARCH, TO DEVELOP YOU, TO DO RESEARCH

[Signature]
18/06/2018

[Signature]
18/06/18

[Signature]

3. AREA OF COLLABORATION:-

- i. Training and placement assistance to students
- ii. To work jointly on research projects, consultancy assignments, students development programs, preparing reports on case study of field work.
- iii. To attend activities organized by both institution and industry.
- iv. To start collaborative research program of mutual interest and programs for promotion of entrepreneurship.
- v. Any other activity not covered by this MoU with the prior agreement of both institutes

4. AGREEMENT OF COLLABORATIVE PROGRAMS


- a. Each such collaboration undertaken by institute and industry shall describe the details about the following:
 - i. The nature, scope and the time of collaborative schedule
 - ii. The form as pursuant to clause no, 3 above
 - iii. Any other provision as deemed to be necessary & agreed by both the institute and industry
- b. To prepare and finalize a concrete action plan and schedule for collaboration on priority areas as agreed upon by both.


5. NODAL AUTHORITY

The Nodal officer from BVCOEW, Pune shall be the HOD(E&TC) BVCOEW, Pune or his nominee and Nodal officer from Dolphin Labs, Pune shall be the CEO or his nominee for all decisions making and concurrence


6. ACTION PLAN AND IMPLEMENTATION METHODOLOGY

Dolphin Labs, Pune and BVCOEW Pune will start working together for Training activities. The outcome of training will be supported by placement assistance and in-plant training to students of BVCOEW, Pune. This MoU shall be effective from the date of signing the same and shall remain in effect for two year with the possibility of extending the same to subsequent year(s). MoU will be reviewed every two years subject to satisfactory progress. In witness where off, the industry and institute are here to have executed this agreement on this date and the year first here in above written.


18/06/18


18/06/18






18/5/18
Mr. Chittaranjan Mahajan
CEO
Dolphin Labs
Pune-411041




Kunal Zarekar
R&D Engineer
Dolphin Labs



Priyanka Kulkarni
Commercial Engineer
Dolphin Labs


Prof. Dr. H.V. Vankudre
Principal
Bharati Vidyapeeth's College of Engineering
For Women, Pune-411043
PRINCIPAL
BV's College of Engineering for Women
KATRAJ, DHANKAWADI, PUNE- 43


18/5/18
Prof. Dr. S.R. Patil
HOD, E&TC Department
BVCOEW, Pune -43



Head of the Department
Electronic & Tele Communication
B.V.'s College of Engineering for Women
Pune - 411043


2/6/18
Prof. P.R. Yawle
Assistant Professor, E&TC Department
BVCOEW, Pune -43
(MOU Coordinator)



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 564 / 2018 / 19

Date : 18/09/2018

Memorandum of Understanding

1. This Agreement is being executed on 21st August 2018 between M/s Link-Code Technologies having its Registered office at S.34/4, Flat No 6, P.K. Nagar, Dhankawadi, Pune-411043 and represented by Mr. Rahul Ahire hence known as "Delivery Partner", Bharati Vidyapeeth's College of Engineering for Women situated at Pune represented by Prof. Dr. S.R.Patil hence known as "Resource Partner."
2. Delivery Partner will provide professional training programs on demanding and upcoming technologies in the college based on industry requirements and as per the demand from the college/students.
3. College (Resource Partner) will provide the necessary infrastructure like laboratory(s) with computer, LCD projector required for the Link-Code Technologies for trainings.
4. The partnership of Link-Code Technologies will be directly in the name of **Resource Partner.**
5. Resource Partner would allocate appropriate time slots within the academic schedule for the various training programs offered by the Delivery Partner.
6. The tenure of the contract would be from 21st August 2018 to 20th August 2019 i.e. for One Year.
7. The batches would be conducted during weekdays or weekend.
8. Training Duration: The period of the training would be for the prescribed number of hours and there would be feasible number of students per batch.
9. The duration of the training may increase as per the level of participant.



Pune-Satara Road, Dhankawadi, Pune 411 043.
Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharativedyapeeth.edu
Website : <http://coewpune.bharativedyapeeth.edu>



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

● Id No. : PU/PN/Engg./150/2000 ● DTE College Code : EN6285

Ref. No. : BV / COEW / / 20

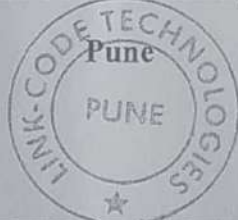
Date :

10. Delivery Partner will provide industry experience trainers in college to conduct Trainings.
11. Projects: Delivery Partner will bundle Projects for students to be executed by students with the assistance from trainer(s).
12. The students would make the payment directly in the name of delivery partner.
13. The courseware and other materials shall be made available to the students once the 1st installment is received by the Delivery Partner from all the students.
14. The certificates to the enrolled students will be issued on successful completion of the training & evaluation process.
15. A minimum lead time of 7-15 days will be required to start the trainings from the date of signing of the agreement.
16. Delivery Partner will provide guidance for certifications to the students who successfully complete the training on particular technologies.
17. The Resource Partner and delivery partner should verify all the details and fully satisfy them before entering in to the agreement, as once the agreement is signed, the same cannot be terminated before expiry of the same.


Mr. Rahul Ahire

Director

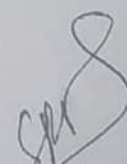
Link-Code Technologies,




Prof. Dr. D.A. Godse

HOD IT

HEAD OF DEPT.
Information Technology
BV'S College of
Engineering For Women
Pune-411 043


Prof. Dr. S.R. Patil

I/C Principal

Bharati Vidyapeeth's

College of Engg. for Women, Pune

I/C PRINCIPAL

Bharati Vidyapeeth's
College of Engineering for Women
Katraj, Dhankawadi, Pune-43

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharatividyaapeeth.edu

Website : <http://coewpune.bharatividyaapeeth.edu>

TRAINING, PROJECTS, INTERNSHIP, PLACEMENTS

Near Shah Engineering, Sr. No. 50/44, Narhe Road,
Sinhgad Road, Near S.K.Naik and Son's, Narhe, Pune 411041
www.magnamsolutions.com Email: info@magnamsolutions.com



Duration of MOU:

This MoU unless extended by mutual written consent of both the parties shall expire after five years from the effective date.

Coordinators:

Both the parties will designate persons who will have the responsibility for coordination and implementation of this agreement.

Confidentiality & other general terms

- The Magnam solutions shall strictly follow the Institute norms, rules and regulations for conducting the programs and shall maintain the high standards of conduct.
- Both parties can use logo, trade name & predefined content for promotion of the courses to be conducted jointly within the scope of this MoU
- Both parties shall voluntary promote the arrangement and courses through respective websites and social media for branding the same.
- Before any commercial workshop approval from both parties will be taken.

Signed in Duplicate:

The MoU is executed in duplicate with each copy being an official version and having equal legal validity. By signing below, the institutes, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective of the day and the year first above written.

COORDINATOR

[Signature]
9/10/18

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING
FOR WOMEN, PUNE



HEAD OF DEPARTMENT

[Signature]
9/10/18

BHARATI VIDYAPEETH'S COLLEGE OF
ENGINEERING FOR WOMEN, PUNE
Head of the Department
Electronic & Tele Communication

S.V.'s College of Engineering for Women
Pune - 411043

DIRECTOR

[Signature]
9/10/2018

PRINCIPAL

[Signature]
9/10/18

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING

PRINCIPAL

Bharati Vidyapeeth's
College of Engineering for Women
Katraj, Dhankawadi, Pune-43



SOLUTIONS, PUNE



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

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● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 809 / 20 18/19

Date : 31/12/2018 .

Memorandum of Understanding

1. This Agreement is being executed on **31st December, 2018** between **Algorithmic Electronics** having its Registered office at Flat No. 4, Akshay Sangam Apartment, Near Vitthal Mandir, above Mamata Sweets, Dhayari Phata, Sinhgad Road, Pune, Maharashtra 411041 and represented by Mr. **Atul Wadkar** hence known as "**Delivery Partner**" and **Department of Information Technology** , **Bharati Vidyapeeth's College of Engineering for Women** , **Pune-43** represented by **Prof. Dr. D.A.Godse** hence known as "**Resource Partner.**"
2. Delivery Partner will provide professional training program on "Internet of Things (IoT) – Application in Engineering Field" in the institute based on industry requirements and as per the demand from the Resource Partner.
3. Resource Partner will provide the necessary infrastructure like laboratory(s) with computers, LCD projector required by the Delivery Partner for training.
4. Resource Partner would allocate appropriate time slots as per the academic schedule for the mentioned training program offered by the Delivery Partner.
5. The tenure of the contract would be from **31st December, 2018 to 30th December, 2019** i.e. for One Year.
6. The batches would be conducted during weekdays or weekend.
7. The training period would be of **30 hours**.
8. The duration of the training may increase as per the level of participants.



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

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: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / / 20

Date :

9. Delivery Partner will provide industry experienced trainers to conduct the training.
10. The participants will develop mini projects under the guidance of the trainers.
11. The certificates to the enrolled participants will be issued on successful completion of the training and evaluation process.
12. A minimum lead time of 7-8 days will be required to start the training from the date of signing of the agreement.
13. The Resource Partner and Delivery Partner should verify all the details and fully satisfy them before entering into the agreement, as once the agreement is signed, the same cannot be terminated before expiry of the same.

Mr. Atul Wadkar

Director

Algorithmic Electronics,
Pune



Prof. Dr. D.A. Godse

HOD IT

Bharati Vidyapeeth's College
of Engg. for Women, Pune

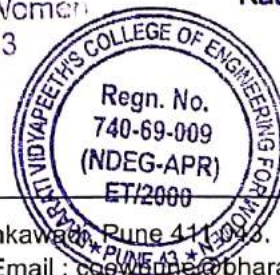
HEAD OF DEPT.
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Pune-411 043

Prof. Dr. S.R. Patil

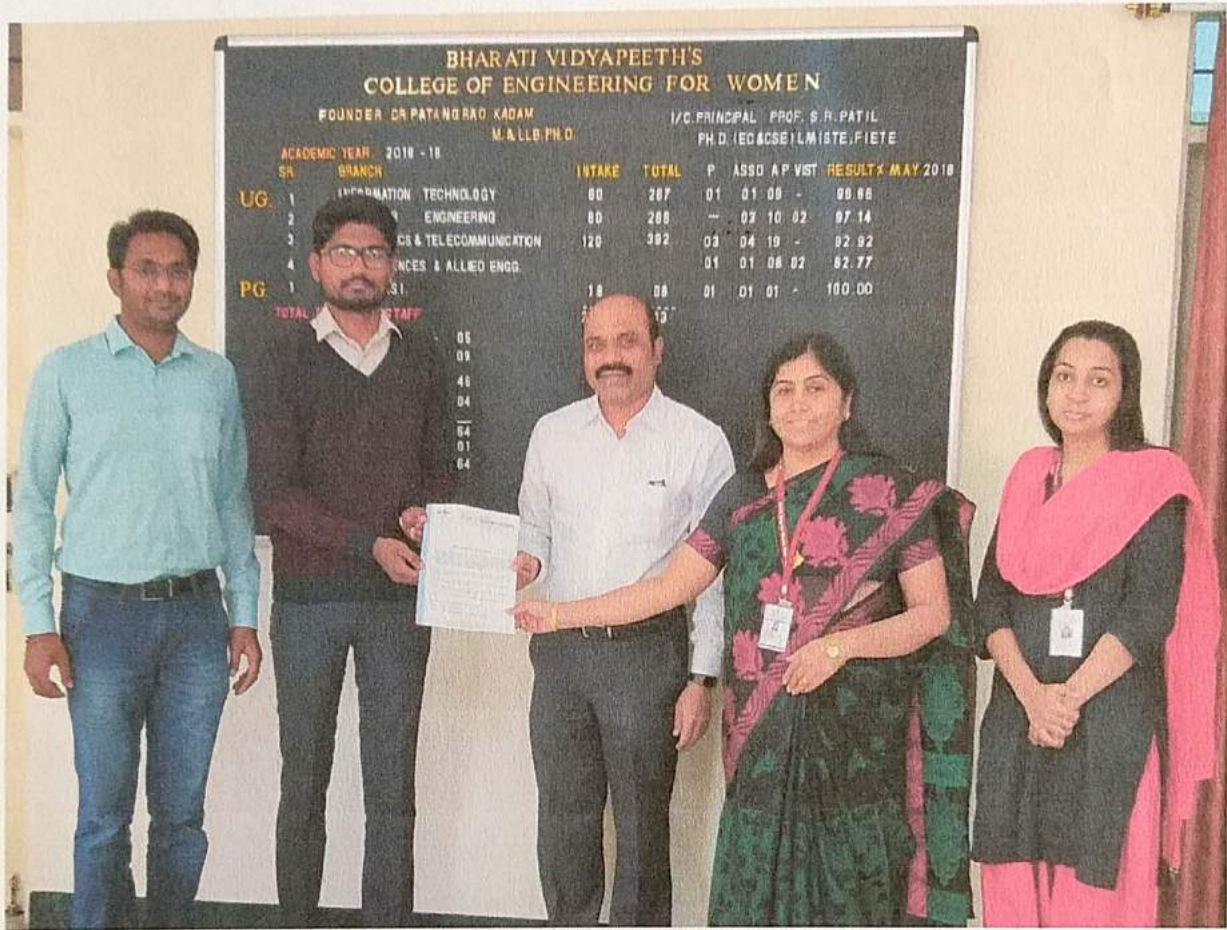
I/C Principal

Bharati Vidyapeeth's College
of Engg. for Women, Pune

I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering for Women
Katraj, Dhankawadi, Pune-43



An MoU for Certification Course on "Internet of Things (IoT) - Application in Engineering Field" with Algorithmic Electronics



L-R :Mr. Prajyot Kumbhar(Project Head, Algorithmic Electronics), Mr. Atul Wadkar (Director, Algorithmic Electronics), Prof. Dr. S. R. Patil (I/C Principal), Prof. Dr. D. A. Godse (HoD IT), Ms.N.A.Mulla (MoU Coordinator)

A memorandum of understanding (MoU) to conduct a Certification Course on "Internet of Things (IoT) - Application in Engineering Field" has been signed between **Algorithmic Electronics** and the **Department of Information Technology** on 31st December, 2018.



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

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: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV/COEW/ 816 /2018-19

Date : 04/01/2019

Memorandum of Understanding

1. This Agreement is being executed on **4th January, 2019** between Agile For Growth having its Registered office at **1 Naylor Road, Bund Garden, Pune** and represented by **Ms. Reshma Nagrani** hence known as "**Trainer**" and Department of Information Technology, Bharati Vidyapeeth's College of Engineering for Women (BVCOEW) situated at **Katraj-Dhankawdi Campus, Pune** represented by **Prof. Dr. D. A. Godse** hence known as "**Resource Partner.**"
2. The Trainer will provide professional training on "**Scrum**", based on industry requirements.
3. The Resource Partner will provide LCD projector, white board with marker pens, drawing sheets, any other stationary required for the training.
4. The Resource Partner would allocate appropriate time slots within the academic schedule for the training program.
5. The tenure of the contract would be from **4th January, 2019 to 3rd January, 2020** i.e. for One Year.
6. The batches would be conducted during weekdays or weekend.
7. The period of the training would be **8 hours** and there would be minimum 10 participants per batch.
8. The duration of the training may increase as per the level of participants.
9. The courseware and other materials shall be made available by the Trainer to the participants after registration.
10. The certificates to the enrolled participants will be issued on successful completion of the training & evaluation process.



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

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: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE


Ref. No. : BV / COEW / 816 / 2018-19


Date : 04/01/2019

11. A minimum lead time of 14-15 days will be required to start the training from the date of signing of the agreement.
12. The Trainer will provide guidance for certification to the participants who successfully complete the training.
13. The Resource Partner and The Trainer should verify all the details and fully satisfy them before entering in to the agreement, as once the agreement is signed, the same cannot be terminated before expiry of the same.


Mrs. S. B. Dhuttargi
MOU Co-ordinator,
BVCOEW,
Pune-43


Ms. R. S. Nagrani
Director,
Agile for Growth,
Pune-01


Prof. Dr. D. A. Godse
H.O.D. I.T.,
BVCOEW,
Pune-43


Prof. Dr. S. R. Patil
I/c Principal,
BVCOEW,
Pune-43

HEAD OF DEPT.
Information Technology
BV'S College of
Engineering For Women
Pune-411 043

I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering for Women
Katraj, Dhankawadi, Pune-43



MoU for "Scrum" with Agile For Growth



L-R: Prof. Dr. S. R. Patil (I/C Principal), Ms. Reshma Nagrani (Director, Agile For Growth), Prof. Dr. D. A. Godse (H.O.D. I.T.), Mrs. S. B. Dhuttargi (MoU Coordinator)



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

● Id No. : PU/PN/Engg./150/2000 ● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Accredited with 'B+' Grade by NAAC

Ref. No. : BV / COEW / 701 / 2018-19

Date : 30/01/2019

Memorandum of Understanding

1. This Agreement is being executed on 10th January, 2019 between **Gigante Technologies Pvt, Ltd.**, having its registered office at: Sai-leen building, 3rd floor, Near Ranka Jewellers, Nalstop, Pune, Maharashtra and represented by **Ms. Pratima Ghalsasi** hence known as "**Delivery Partner**" and **Department of Information Technology Bharati Vidyapeeth's College of Engineering for Women, Pune-43** represented by **Prof. Dr. D.A. Godse** hence known as "**Resource Partner**."
2. The purpose of this Memorandum of Understanding is as follows:
 - A. Organizing seminars/conferences/workshops/competitions on topics related to academic as well as Professional interest for cross fertilization of ideas for overall growth.
 - B. Giving the exposure of corporate culture to the Institutes students and faculty through Industrial Visits.
 - C. Guiding and mentoring the institute's students for projects.
 - D. Organizing Faculty Development Program.
 - E. Conducting placement drive at the Institute on a prime slot.
3. Delivery Partner is desires to collaborate with the Institute for effective use of Information and Communication Technology (ICT), Research, Training, Campus Placements and to achieve other similar objectives.
4. Resource Partner will provide the necessary infrastructure like laboratory(s) with computers, LCD projector required by the Delivery Partner for training.
5. Resource Partner would allocate appropriate time slots as per the academic schedule for the mentioned training program offered by the Delivery Partner.
6. The tenure of the contract would be from 10th January, 2019 to 09th January, 2020 i.e. for One year.



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Ref. No. : BV / COEW / 701 / 20 18-19

Date : 30/01/2019

7. Delivery Partner will provide industry experienced trainers to conduct the training. The certificates will be issued upon successful completion of training by the delivery partner.
8. A minimum lead time of 7-8 days will be required to start the training from the date of signing of the agreement.
9. The Resource Partner and Delivery Partner should verify all the details and fully satisfy them before entering into the agreement, as once the agreement is signed, the same cannot be terminated before expiry of the same.

Ms. Ashwini D. Khairkar
MOU Co-ordinator

B.V.C.O.E.W, Pune-43

Ms. Pratima Ghalsasi
H.R.

Gigante Technologies Pvt, Ltd.

Prof. Dr. D.A. Godse
H OD IT

HEAD OF DEPT.
B.V.C.O.E.W, Pune-43
Information Technology
BV'S College of
Engineering For Women
Pune-411 043

Prof. Dr. S.R. Patil
I/C Principal

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Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV/COEW/844/2019

Date : 14/1/2019

Memorandum of Understanding

Delivery Partner: KasNet Technologies Pvt Ltd., a company registered in USA and India, having its Registered office at Narhe Industrial Estate, Narhe, Pune -411041.

Resource Partner: Department of Information Technology, Bharati Vidyapeeth's College of Engineering for Women, Katraj-Dhankawdi Campus, Pune-411043.

Where, KasNet is a US base leading Information Technology Company having its offshore development center in India.

Below are the terms of understanding:

1. **Objective:** The purpose of this MOU is to develop and extend a framework of cooperation and joint operations which will be henceforth called "MOU" between KasNet and Department of Information Technology, Bharati Vidyapeeth's College of Engineering for Women, Pune to commence and progress towards a mutually beneficial engagement. This MOU seeks to crystallize the understanding of both parties as regards the mode of their engagement and define their roles and responsibilities.

Both parties have mutually agreed to conduct any of the following activities under the MOU.

- Guest Lectures.
- Knowledge sharing sessions (Technical and Domain Specific).
- Placement preparation, Mock interviews.
- Project Sponsorship.
- Internship.





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Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / ~~888~~ / 2019

Date : 14/1/2019 ~~848~~


- Responsibilities of Department of Information Technology, Bharati Vidyapeeth's College of Engineering for Women, Pune-411043. :
 - Nominate a Single point of contact (SPOC) to support this activity.
 - Ensure necessary logistic, infrastructural and academic support to conduct the various activities.
- Responsibilities of KasNet Technologies Pvt Ltd.:
 - Nominate a Single point of contact (SPOC) to support this activity.
 - Provide necessary technical, logistic and infrastructural support to conduct the activities.
 - Workshop may be conducted if requested by Resource Partner.
- Joint Responsibilities of the parties:
 - Ensure active participation and end to end support to achieve desired result.
 - Set up joint progress tracking mechanism.
 - Sync up on periodic basis.
 - Provide infrastructure support on need basis.
 - Follow ups with internal as well as external stakeholders.
- The tenure of the contract would be from **14th January, 2019 to 13th January, 2020** i.e. for One Year.
- Termination: Either party may terminate this MOU in the following conditions:
 - In the events of insolvency, bankruptcy or winding up of the party.
 - With a written notice of 30 days to the other party.



Mrs. S. A. Hadke
MOU Co-ordinator,
BVCOEW,
Pune-43


Mr. A.B. Aher
Founder & Director,
KasNet Technologies
Pvt Ltd.,
Pune-41

For KasNet Technologies Pvt. Ltd.

Director


Prof. Dr. D. A. Godse
~~HEAD OF DEPT.~~
Information Technology
BVCOEW
College of
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Pune-43
Pune-411 043


Prof. Dr. S. R. Patil
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Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW /

/ 20

Date :

Memorandum of Understanding (MOU)

BETWEEN



**Bharati Vidyapeeth's
Collage of Engineering for Women, Pune-43
Katraj-Dhankawadi, Pune-411 043
<http://coewpune.bharatividyaapeeth.edu>**

&

IoT CoE

(Run by IoTIoT.in

*In association with COEP's Bhau Institute
of Innovation, Entrepreneurship & Leadership)*

Hereafter referred to as "IoT CoE"

Old Pune-Mumbai Road, Shivajinagar, Pune, Maharashtra - 411005

Website: www.iotiot.in, www.bhau.org

1

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharatividyaapeeth.edu

Website : <http://coewpune.bharatividyaapeeth.edu>



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Ref. No. : BV / COEW / / 20

Date :

Memorandum of Understanding 2019-2020

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on 1st of – February – Two Thousand Nineteen(01/02/2019) to 1st of – February - Two Thousand Twenty(01/02/2020) (1 year)

BETWEEN

**Bharati Vidyapeeth's Collage of Engineering for Women,
Katraj – Dhankawadi, Pune -411 043**

AND

IOT COE

(Run by IOTIOT.in

In association with COEP's Bhau Institute
of Innovation, Entrepreneurship & Leadership)

Hereafter referred to as "IOT COE"

OLD Pune-Mumbai Road, Shivajinagar, Pune, Maharashtra-411005

Website:www.iotiot.in

2

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharatividyaapeeth.edu

Website : <http://coewpune.bharatividyaapeeth.edu>



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COEP's Bhau Institute is an emerging start-up incubator in India. Bhau's focus is to develop successful entrepreneurs in grassroots innovations, who will have a large social impact. These innovations are expected to be in the areas of Healthcare technologies, Cyber Security and IoT. Bhau Institute aim to build responsible entrepreneurs and create impactful start-ups. Bhau provides mentoring, entrepreneurship development training, industry connect, and fundraising support.

IoT.in has the mission to develop the globally competitive startups from India in the field of IoT. This is achieved by upskilling the talent pool in India and preparing them to leapfrog into the emerging technologies associated with IoT.

The IoT CoE is a joint partnership formed between COEP's Bhau Institute and IoT.in to promote entrepreneurship and develop startups in hi-tech areas.

It is mutually agreed by **IoT CoE** and **Bharati Vidyapeeth's Collage of Engineering for Women** that the purpose of this MOU between two parties is to promote entrepreneurship, and convert "Job seekers" to "Job generators"

Terms of reference for this MoU

● Responsibilities of "IoT COE"

1. Identify and up-skill potential students in emerging technology (Embedded Linux, AI, BLE and IoT). The details of the training program and curriculum are given in Annexure I.
2. To motivate, support and mentor students for identification, development and commercialization of their innovative ideas from conceptual stage to start ups.
3. To inculcate out of box thinking and a culture of innovation driven entrepreneurship.
4. To guide and assist prospective starts ups and entrepreneurs on various aspects of entrepreneurship.
5. Create a mentorship scheme for student innovators.
6. To develop mentors and counselors to nurture innovators and their innovations.
7. Provide industry interaction to students under the program.
8. Work with college E-cells to promote technical entrepreneurship.
9. Every 6 months an official list of students who complete the program will be provided a letter of completion, for college records.

3

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharatvidyapeeth.edu

Website : <http://coewpune.bharatvidyapeeth.edu>



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Date :

- **Additional support areas**, (To be agreed, by mutual negotiations between the two parties involved, as and when required.)
 1. Help organize industry sponsored Hackathons and trainings.
 2. To provide resources for Business Plan Competitions / Innovation Camps / Hackathons etc. held in college.
 3. To provide resources and guidelines to conduct Training Programs on various aspects of entrepreneurship relevant to industries.
 4. Faculty Mentoring: Faculty Coaching in latest technology and improving student engagement.

Responsibilities of “Bharati Vidyapeeth’s Collage of Engineering for Women”

1. The students which are a part of the program must be allowed to attend a minimum of 12 hours per week. Student may choose one of the 2 slots available 8 am – 12 pm, or 2 pm to 6 pm. Colleges which have 6 months full time internship option available will allow students to participate full time in this program.
2. Selected students will be permitted to attend the program by IoT CoE and must be given aid in terms of attendance.
3. College must appoint a point of contact person for all activities to be conducted to successfully execute goals of this MOU. Training & Placement Officer is suggested as ideal for the role.
4. College must facilitate creation of Entrepreneur’s Club (E-Cell) to foster culture of entrepreneurship among students. If E-cell is already in existence, contacts of in charge must be provided to us to work in cohesion to create technology entrepreneurs.
5. To provide essential logistics and infrastructure arrangements for all the activities conducted by IoT CoE at the college.



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Date :

- **Additional support areas**, (To be agreed, by mutual negotiations between the two parties involved, as and when required.)
 1. To organize Business Plan Competitions / Innovation Camps / Hackathons with active involvement of industry and alumni.
 2. To conduct Training Programs on various aspects of entrepreneurship relevant to industries and need of the society.
 3. To take affirmative action for the sustainable development of physically challenged and students from weaker sections of the society through entrepreneurship.
 4. To setup IoT/AI Clubs and labs within college premises and encourage student participation.
 5. To initiate targeted number of innovative student projects each year for new product.
 6. To arrange interaction with entrepreneurs, bankers, professionals, potential customers and create a mentor ship scheme for student innovators.

Terms and Conditions

- 1) For all the terms under the "Responsibilities", there is no financial and legal obligation on either party under this agreement.
- 2) Additional support area may have financial implications, which need to be discussed and negotiated, as and when needed.
- 3) Both parties shall work in tandem to ensure the successful outcome of collaboration.
- 4) Both the parties shall provide adequate facilities and share human resources, learning resources and infrastructure support as and when mutually suitable.
- 5) Disputes, if any between the two parties shall in the first place be settled by mutual negotiations between the persons appointed.
- 6) Both parties shall maintain confidentiality about any information and IP issues.

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Pune-Satara Road, Dhankawadi, Pune 411 043.

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/ 20

Date :

In this regard we are pleased to sign this MoU between **IoT CoE** and **Bharati Vidyapeeth's Collage of Engineering for Women** to meet the outcome of promoting entrepreneurship and to develop startups.

The MoU shall be effective for a period of **1 year** from date it is executed by or behalf of the above parties.

For and on behalf of	IoT CoE	For and on behalf of	Bharati Vidyapeeth's Collage of Engineering for Women
Signature		Signature	
Date	20/03/19	Date	20/03/19
Name	Mr. Nikhil Bhaskaran	Name	Prof. Dr. S. R. Patil
Designation		Designation	Principal

Contact details for Point of contact appointed by Bharati Vidyapeeth's Collage of Engineering for Women:

- 1. Prof. Dr. S. P. Kadam
Contact: 9860623126
E-mail: kadamsonali@rediff.com
- 2. Prof. A. P. Kadam
Contact: 9594997023
E-mail: mianjalikadam@gmail.com





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Ref. No. : BV / COEW / / 20

Date :

Annexure I

Goal: Create globally competitive startups in hi-tech areas

Key highlights and Benefits

→ Training on cutting edge technologies:

1. The students will be trained only on cutting edge tech which is used in industry. Thus upgrading their skills and helping them become world class professionals.
2. Training is provided only on cutting edge technology helping them to be at par with global startups.
3. Access to world class lab facilities for AI and IoT. (Bhau Institute to create the best AI lab in the country). The program gives the students to access to cutting edge hardware like the Kirin HiKey 970 board which is the first AI chip with NPU support.

→ How is it done?

1. Collaborative study: Each student has to read the topic of the day. Discussion is held where each student describes their understanding and the instructor clarifies everything that was wrongly said and everyone makes notes of final understanding.

→ Project based learning:

1. Practical Implementation: Learning is complete when it is applied and something is created not individually but by team work. We ensure each student team works on a new application idea and support them (all hardware costs are also borne by us) until it is completed. This in turn creates confidence in the student of having done something special.



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2. Ownership of individual tasks: Within team every student takes up a task individually for the goal assigned to the team, inculcating a sense of responsibility in each student and breaking old habits of unaccountable team formations.
3. Leadership skills: Leadership is rotational, each student gets a chance to lead the team. A leader has to first choose a goal for the team. Team discusses approach. Team leader finalizes it and assigns tasks to each one.
4. Taking strong decisions as a leader: Consistently non-contributing students are supported by the team initially and if still not performing Team Lead sends a recommendation for removal of the member from team.

→ **Communication Skills:**

1. Summarizing: At the end of every session, students have to summarize, document and present their research and work.
2. Industry Interaction: In collaboration with tech giants like Qualcomm, Samsung, Siemens Huawei to name a few, the students have direct industry interaction and chance to present their work during Meetups organized by Bhau Institute.
3. The interns are not just groomed from the technical perspective but also improving their communication and soft skills.
4. The students will have a chance to grab industry sponsored projects in respective fields due to industrial involvement in the program.

→ **Personality grooming:**

1. Encourage logical thinking and discussion.
2. Stick to being positive and optimistic throughout the program. If anything is not good don't merely complain, take ownership, think why it is not good and do what is needed to make it better.
3. Be disciplined, organized and goal oriented yet flexible to adapt creative ways to achieve goals faster.



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4. Be bold try to take up things which has not be done before and we will support you.
5. Be a leader that not just does things for himself but makes things better for others.

→ Other features :

1. Flexible timings: The students can attend the program in either of the time slots morning (8-11 am) or afternoon (2 pm to 5 pm), can be selected according to student preferences. This ensures they don't miss too much of their regular college course.
2. Incorporating design thinking in students (Founder has completed MIT'S Design Thinking and Innovation course).
3. The founder being a jury/mentor of Smart India Hackathon 2018-Hardware edition, can provide valuable guidance to win such competitions.

→ Features for Bharati Vidyapeeth's Collage of Engineering for Women:

1. Participation of students in the program will aid the institution during NAAC, AICTE and various other accreditation.
2. These students can run local chapters in colleges helping improve industry awareness at college level too.
3. A chance to join our subsidized 'Train the Trainer' program (faculty training).
4. A chance to participate in industry interaction programs.
5. Assistance in arranging industry programs in college.



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/ 20

Date :

Course Details

Following are the course options students will be provided with:

Topic	Topics Covered
→ Embedded Linux (on ARM)	<ol style="list-style-type: none">1. Basics of compiling C program2. Basics of computer3. BIOS4. Operating System architecture5. Booting of x86 system6. Processor basics7. Device drivers8. Bootloader9. Linux Kernel10. Kernel initialisatio11. System initialisatio12. File Systems13. Porting Linux14. Busybox15. Build systems - Buildroot, Yocto



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→ Embedded Linux (Router OS)

◆ Router OS

1. Basic Configuration
2. Command-line interpreter
3. Cron and crontab
4. System configuratio
5. DNS and DHCP configuration
6. Dnsmasq
7. Dropbear Configuration
8. Dynamic DNS Client configuration
9. Hotplug
10. LED configuration
11. Managing system services
12. Network basics
13. SSH Configuration
14. System log
15. The UCI System
16. luCI web interface:
17. Network
 1. Aliases
 2. Client Device
 3. IPv4-IPv4 Transitioning Technology
 4. MAP IPv4-over-IPv6 encapsulation
 5. MultipathTCP and OpenWrt
18. Pv6
 1. IPv6 ISPs
 2. IPv6 overview
 3. AT6: IPv6 Masquerading Router
19. Traffic Shaping
20. Virtual LAN (VLAN)
21. WAN (Internet Access)
22. Dumb AP (Access Point only)
23. Guest Wifi network setup
24. Mesh WiFi.
25. Zero configuration network setup
26. Wifi network tools
 1. Aircrack
 2. Horst
 3. Kismet
27. Firewall configuration



: Founder :

Dr. Patangrao Kadam

M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'B+' Grade by NAAC in 2018

● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

: I/C Principal :

Prof.(Dr.) S. R. Patil

Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW /

/ 20

Date :

→ Artificial Intelligence on Edge

1. Python
2. Computer Vision
3. Machine Learning
4. Deep Learning
5. Natural language processing (NLP)
6. Data Analysis
7. Tensorflow
8. Caffe
9. Porting to Embedded Systems
10. Creating AI applications on AI boards

→ Automotive Grade Linux (AGL)

1. System Architecture
2. App Framework and Security
3. Connectivity
4. Continuous Integration and Test
5. UI and Graphics
6. Virtualization
7. Navigation
8. Reference Hardware System Architecture
9. Vehicle to Cloud
10. Speech

→ Bluetooth Low Energy
(This is a student led course)

1. Gap
2. GATT
3. SDK -Nrf
4. SDK-TI CC2541



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Date :

Frequently Asked Questions:

1) Why is this course being offered? Why is this fully free?

A) India lacks innovation and we think the primary reason for this is quality of education offered in India. Much of what is offered in this program is only available today in top rated universities abroad. Some of the programs beat even best universities as they are aligned and updated every 6 months to what industry uses.

Our 6 months internship program tries to create innovative startups out of India by offering students free access and hands on training on cutting edge technologies in IoT /AI and expects to profit from the startups that might emerge out of this program.

2) What kind of students do you prefer?

A) We prefer committed students who are eager to learn something that is better and fully understand why they have chosen to learn a particular subject. We do our best to make sure they make informed choices and not push them into any course. We think a student should do what he/she loves and we will be patient enough to support them to continue learning until they finish learning it and create something innovative.

3) What prerequisites does one need before joining?

A) There are NO prerequisites required for this program. All we require from students, is a certain level of commitment towards the learning process and enthusiasm towards technology.

Tel.: +91 9619111829

E-mail: nikhil@iotiot.in/iotcoe.bhau@coep.ac.in

Memorandum of Understanding (MOU)

Between

IoT CoE

*(Run by IoTIoT.in
In association with COEP's Bhau Institute
of Innovation, Entrepreneurship & Leadership)*

Hereafter referred to as "**IoT CoE**"

Old Pune-Mumbai Road, Shivajinagar,
Pune, Maharashtra - 411005

Tel.: +91 9619111829

E-mail: nikhil@iotiot.in / iotcoe.bhau@coep.ac.in

Website: www.iotiot.in, www.bhau.org

And

Hereafter referred to as "**The College**"

Address: _____

Tel.: _____

E-mail: _____

Website: _____

COEP's Bhau Institute is an emerging start-up incubator in India. Bhau's focus is to develop successful entrepreneurs in grassroots innovations, who will have a large social impact. These innovations are expected to be in the areas of Healthcare technologies, Cyber Security and IoT. Bhau Institute aim to build responsible entrepreneurs and create impactful start-ups. Bhau provides mentoring, entrepreneurship development training, industry connect, and fundraising support.

IoTioT.in has the mission to develop the globally competitive startups from India in the field of IoT. This is achieved by upskilling the talent pool in India and preparing them to leapfrog into the emerging technologies associated with IoT.

The IoT CoE is a joint partnership formed between COEP's Bhau Institute and IoTioT.in to promote entrepreneurship and develop startups in hi-tech areas.

It is mutually agreed by **IoT CoE** and **the College** that the purpose of this MOU between two parties is to promote entrepreneurship, and convert "Job seekers" to "Job generators"

Terms of reference for this MoU

• Responsibilities of "IoT COE"

1. Identify and upskill potential students in emerging technology (Embedded Linux, AI, BLE and IoT). The details of the training program and curriculum are given in Annexure I.
2. To motivate, support and mentor students for identification, development and commercialization of their innovative ideas from conceptual stage to start ups.
3. To inculcate out of box thinking and a culture of innovation driven entrepreneurship.
4. To guide and assist prospective starts ups and entrepreneurs on various aspects of entrepreneurship.
5. Create a mentorship scheme for student innovators.
6. To develop mentors and counselors to nurture innovators and their innovations.
7. Provide industry interaction to students under the program.
8. Work with college E-cells to promote technical entrepreneurship.
9. Every 6 months an official list of students who complete the program will be provided a letter of completion, for college records.

• Additional support areas, (To be agreed, by mutual negotiations between the two parties involved, as and when required.)

1. Help organize industry sponsored Hackathons and trainings.
2. To provide resources for Business Plan Competitions / Innovation Camps / Hackathons etc. held in college.
3. To provide resources and guidelines to conduct Training Programs on various aspects of entrepreneurship relevant to industries.
4. Faculty Mentoring: Faculty Coaching in latest technology and improving student engagement.

Responsibilities of “The College”

1. The students which are a part of the program must be allowed to attend a minimum of 12 hours per week. Student may choose one of the 2 slots available 8 am – 12 pm, or 2 pm to 6 pm. Colleges which have 6 months full time internship option available will allow students to participate full time in this program.
 2. Selected students will be permitted to attend the program by IoT CoE and must be given aid in terms of attendance.
 3. College must appoint a point of contact person for all activities to be conducted to successfully execute goals of this MOU. Training & Placement Officer is suggested as ideal for the role.
 4. College must facilitate creation of Entrepreneur’s Club (E-Cell) to foster culture of entrepreneurship amongst students. If E-cell is already in existence, contacts of in charge must be provided to us to work in cohesion to create technology entrepreneurs.
 5. To provide essential logistics and infrastructure arrangements for all the activities conducted by IoT CoE at the college.
- **Additional support areas**, (To be agreed, by mutual negotiations between the two parties involved, as and when required.)
 1. To organize Business Plan Competitions / Innovation Camps / Hackathons with active involvement of industry and alumni.
 2. To conduct Training Programs on various aspects of entrepreneurship relevant to industries and need of the society.
 3. To take affirmative action for the sustainable development of physically challenged and students from weaker sections of the society through entrepreneurship.
 4. To setup IoT/AI Clubs and labs within college premises and encourage student participation.
 5. To initiate targeted number of innovative student projects each year for new product.
 6. To arrange interaction with entrepreneurs, bankers, professionals, potential customers and create a mentorship scheme for student innovators.

Terms and Conditions

- 1) For all the terms under the “Responsibilities”, there is no financial and legal obligation on either party under this agreement.
- 2) Additional support area may have financial implications, which need to be discussed and negotiated, as and when needed.
- 3) Both parties shall work in tandem to ensure the successful outcome of collaboration.
- 4) Both the parties shall provide adequate facilities and share human resources, learning resources and infrastructure support as and when mutually suitable.
- 5) Disputes, if any between the two parties shall in the first place be settled by mutual negotiations between the persons appointed.
- 6) Both parties shall maintain confidentiality about any information and IP issues.

In this regard we are pleased to sign this MoU between **IoT CoE** and **The College** to meet the outcome of promoting entrepreneurship and to develop startups.

The MoU shall be effective for a period of **1 year** from date it is executed by or behalf of the above parties.

For and on behalf of	IoT CoE	For and on behalf of	
<i>Signature</i>		<i>Signature</i>	
<i>Date</i>		<i>Date</i>	
Name		Name	
Designation		Designation	

➤ Contact details for Point of contact appointed by the College:

- Name:
- Designation:
- Contact:
- E-mail:

Annexure I

Goal: Create globally competitive startups in hi-tech areas

Key highlights and Benefits

→ **Training on cutting edge technologies:**

1. The students will be trained only on cutting edge tech which is used in industry. Thus upgrading their skills and helping them become world class professionals.
2. Training is provided only on cutting edge technology helping them to be at par with global startups.
3. Access to world class lab facilities for AI and IoT. (Bhau Institute to create the best AI lab in the country).The program gives the students to access to cutting edge hardware like the Kirin HiKey 970 board which is the first AI chip with NPU support.

→ **How is it done?**

1. Collaborative study: Each student has to read the topic of the day. Discussion is held where each student describes their understanding and the instructor clarifies everything that was wrongly said and everyone makes notes of final understanding.

→ **Project based learning:**

1. Practical Implementation: Learning is complete when it is applied and something is created not individually but by team work. We ensure each student team works on a new application idea and support them (all hardware costs are also borne by us) until it is completed. This in turn creates confidence in the student of having done something special.
2. Ownership of individual tasks: Within team every student takes up a task individually for the goal assigned to the team, inculcating a sense of responsibility in each student and breaking old habits of unaccountable team formations.
3. Leadership skills: Leadership is rotational, each student gets a chance to lead the team. A leader has to first choose a goal for the team. Team discusses approach. Team leader finalizes it and assigns tasks to each one.
4. Taking strong decisions as a leader: Consistently non-contributing students are supported by the team initially and if still not performing Team Lead sends a recommendation for removal of the member from team.

→ **Communication Skills:**

1. Summarizing: At the end of every session, students have to summarize, document and present their research and work.

2. Industry Interaction: In collaboration with tech giants like Qualcomm, Samsung, Siemens Huawei to name a few, the students have direct industry interaction and chance to present their work during Meetups organized by Bhau Institute.
3. The interns are not just groomed from the technical perspective but also improving their communication and soft skills.
4. The students will have a chance to grab industry sponsored projects in respective fields due to industrial involvement in the program.

→ **Personality grooming:**

1. Encourage logical thinking and discussion.
2. Stick to being positive and optimistic throughout the program. If anything is not good don't merely complain, take ownership, think why it is not good and do what is needed to make it better.
3. Be disciplined, organized and goal oriented yet flexible to adapt creative ways to achieve goals faster.
4. Be bold try to take up things which has not be done before and we will support you.
5. Be a leader that not just does things for himself but makes things better for others.

→ **Other features :**

1. Flexible timings: The students can attend the program in either of the time slots morning (8-11 am) or afternoon (2 pm to 5 pm), can be selected according to student preferences. This ensures they don't miss too much of their regular college course.
2. Incorporating design thinking in students (Founder has completed MIT'S Design Thinking and Innovation course).
3. The founder being a jury/mentor of Smart India Hackathon 2018-Hardware edition, can provide valuable guidance to win such competitions.

→ **Features for College:**

1. Participation of students in the program will aid the institution during NAAC, AICTE and various other accreditations.
2. These students can run local chapters in colleges helping improve industry awareness at college level too.
3. A chance to join our subsidized 'Train the Trainer' program (faculty training).
4. A chance to participate in industry interaction programs.
5. Assistance in arranging industry programs in college.

Course Details

Following are the course options students will be provided with:

Topic	Topics Covered
→ Embedded Linux (on ARM)	<ol style="list-style-type: none">1. Basics of compiling C program2. Basics of computer3. BIOS4. Operating System architecture5. Booting of x86 system6. Processor basics7. Device drivers8. Bootloader9. Linux Kernel10. Kernel initialisatio11. System initialisatio12. File Systems13. Porting Linux14. Busybox15. Build systems - Buildroot, Yocto
→ Embedded Linux (Router OS)	<ul style="list-style-type: none">◆ Router OS1. Basic Configuration2. Command-line interpreter3. Cron and crontab4. System configuratio5. DNS and DHCP configuration6. Dnsmasq7. Dropbear Configuration8. Dynamic DNS Client configuration9. Hotplug10. LED configuration11. Managing system services12. Network basics13. SSH Configuration14. System log15. The UCI System16. luCI web interface:17. Network<ul style="list-style-type: none">1. Aliases2. Client Device3. IPv4-IPv4 Transitioning Technology4. MAP IPv4-over-IPv6 encapsulation5. MultipathTCP and OpenWrt18. IPv6<ul style="list-style-type: none">1. IPv6 ISPs2. IPv6 overview3. AT6: IPv6 Masquerading Router19. Traffic Shaping20. Virtual LAN (VLAN)21. WAN (Internet Access)22. Dumb AP (Access Point only)23. Guest Wifi network setup24. Mesh WiFi.25. Zero configuration network setup26. Wifi network tools<ul style="list-style-type: none">1. Aircrack2. Horst3. Kismet27. Firewall configuration
→ Artificial Intelligence on Edge	<ol style="list-style-type: none">1. Python2. Computer Vision3. Machine Learning4. Deep Learning5. Natural language processing (NLP)6. Data Analysis7. Tensorflow8. Caffe9. Porting to Embedded Systems10. Creating AI applications on AI boards

→ Automotive Grade Linux (AGL)

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(This is a student led course)

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Prof.(Dr.) S. R. Patil

Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 812 / 2018/19

Date : 07/03/2019

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN



**Bharati Vidyapeeth's
College of Engineering for Women, Pune-43
Katraj - Dhankawadi, Pune- 411 043
<http://coewpune.bharativedyapeeth.edu>**

&

**Abstract IT & Engg. Solutions Pvt.. Ltd.
Sagar Heights, Second Floor, Balaji Nagar,
Pune- 411 043
www.abstractitsolutions.com**

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharativedyapeeth.edu

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MEMORANDUM OF UNDERSTANDING

2019-2020

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on 1st of - February - Two Thousand Nineteen (01/02/2019) to 1st of - February - Two Thousand Twenty (01/02/2020) (1 year)

BETWEEN

Bharati Vidyapeeth's College of Engineering for Women,
Katraj - Dhankawadi, Pune- 411 043

the First Party represented herein by its **Mr.D.D.Pukale (Head of Computer Engg. Department)** (hereinafter referred as '**First Party**', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

AND

"Abstract IT & Engg. Solutions Pvt. Ltd." Pune-411043 , **the Second Party**, and represented herein by its Divisional Head, Mr. Narendra Kapare, (hereinafter referred to as "**Second Party**", company which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharatividyaapeeth.edu



: Founder :

Dr. Patangrao Kadam

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: I/C Principal :

Prof.(Dr.) S. R. Patil

Ph.D. (MCA, CSE), MISTE, FIETE

Ref. No. : BV / COEW / 812 / 2018/19

Date : 07/03/2019

WHEREAS:

- A) First Party is a Higher Educational Institution named:
(i) Name of Institution :
Bharati Vidyapeeth's college of Engineering for Women,
Katraj – Dhankawadi, Pune- 411 043
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and
- D) Research.
- E) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;.
- F) **“Abstract IT & Engg. Solutions Pvt. Ltd.”** , the Second Party is engaged in Business, Manufacturing, Skill Development, Consultancy, Training, Support, Education and R&D Services in the fields of *software and computer engg.*
- G) **“Abstract IT & Engg. Solutions Pvt. Ltd.”** ,the Second Party is promoted by Mr. Narendra Kapare (Director) Group; Address : 2nd Floor, Sagar Heights, Balaji nagar, Pune satara Road, Pune-411043;
- H) Give related information, its branches, and dimensional information about the industry concerned with whom the MoU is sworn.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1 CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to

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- 1.3 them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- 1.4 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2 SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the students to enhance their skills and knowledge.
- 2.2 **Industrial Training & Visits:** Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.3 **Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.

Pune-Satara Road, Dhankawadi, Pune 411 043.

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Ref. No. : BV / COEW / 812 / 2018/13

2.4 (Dr. S. B. Patil) **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of - - **“Computer Related Domain specializations, activities and services.**

- 2.5 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.6 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.
- 2.7 **Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.8 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
- 2.9 There is no financial commitment on the part of the Bharati Vidyapeeth's College of Engineering for Women, Katraj-Dhankawadi, the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3 INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppels or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4 VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period Bharati Vidyapeeth's College of Engineering for Women, Katraj - Dhankawadi, Pune- 411 043 **“Abstract IT & Engg. Solutions Pvt. Ltd.** , the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **Training Partner** or **“ Abstract IT & Engg. Solutions Pvt. Ltd.** , the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU

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4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

First Party :

Bharati Vidyapeeth's College of Engineering for Women, Pune- 411043

Second Party :

" Abstract IT & Engg. Solutions Pvt. Ltd." Pune- 411043

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of **Pune**.

AGREED:

For **Bharati Vidyapeeth's College of Engineering for Women, Pune-411043**

Authorized Signatory

For **" Abstract IT & Engg. Solutions Pvt. Ltd." Pune- 411043**

Authorized Signatory

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Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 812 / 2018/19

Date : 07/03/2019.

Name of Institution: Bharati Vidyapeeth's Collge of Engineering for Women, Pune-411043	Name of Industry: " Abstract IT & Engg. Solutions Pvt. Ltd." Pune- 411043
Address : Katraj-Dhankawadi, Pune	Address : Katraj-Dhankawadi, Pune
Contact Details : 020-24379467	Contact Details : 9850046695
E-mails : pukaledge@gmail.com	E-mails : hr@abstractitsolutions.com
Web: http://coewpune.bharatividyaapeeth.edu	Web: www.abstractitsolutions.com

Witness1:

Mrs.J.D.Jadhav
Assist. Professor
Bharati Vidyapeeth's
College Of Engg for Women, Pune .

Witness2:

Mr. Narendra Kapare
Director
Abstract IT & Engg. Solutions,
Pvt. Ltd, Pune.



ABSTRACT IT & ENGG. SOLUTIONS

Witness3:

Mr.D.D.Pukale
HOD Comp Engg Dept.
Bharati Vidyapeeth's
College Of Engg for Women, Pune .

HEAD

Comp. Engg. Department
Bharati Vidyapeeth's
College of Engineering
for Women, Pune-411043.



Witness4:

Prof. Dr.S.R.Patil
I/C Principal
Bharati Vidyapeeth's
College Of Engg for Women, Pune .

I/C PRINCIPAL

Bharati Vidyapeeth's
College of Engineering For Women,
Katraj, Dhankawadi, Pune-43

DIRECTOR

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharatividyaapeeth.edu

Website : http://coewpune.bharatividyaapeeth.edu



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

● Id No. : PU/PN/Engg./150/2000 ● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 724 / 2018 - 19

Date : 08 / 02 / 2019

Accredited with 'B+' Grade by NAAC

Memorandum of Understanding

Between

**Bharati Vidyapeeth's College of Engineering for Women (BVCOEW),
Pune**

And

**QJ Technologies,
Pune**

Background

QJ Technologies provides industry ready technical training to students with live hands-on practices and promote quality in education for developing employable engineering skills among students. We also provide end-to-end IoT solutions, web applications, automation, ERP systems to various industries across India.

Purpose

The purpose of this MOU is to provide students with Industry Level Training and internship opportunities so students can get exposure to current industry trends and working. This will also help the students gain experience on working with the industry model and make them understand the practical approaches of problem solving.

The above goals will be accomplished by undertaking the following activities:

1. Conducting practical Hands-on training for students to get started in their area of Interest.
2. Providing students with internship opportunities to get them motivated to work with industry experts.
3. Get the students to join the live industry projects so they can learn from other experienced people.

Funding

This MOU is not a commitment of any funds to be provided to or by any of the Parties. The funds or fees if to be shared with respect to any activities will be decided by the mutual consent of both the parties.

BVCOEW, Pune will provide required resources like:

- The required number of computer systems in the lab & other required infrastructure for the hands-on training sessions.
- The class room with LCD projector for theory sessions.
- Disciplinary support for smooth and timely conduction of the sessions.

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharatividyaapeeth.edu

Website : <http://coewpune.bharatividyaapeeth.edu>



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

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: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Accredited with 'B+' Grade by NAAC

Ref. No. : BV / COEW / 724 / 2018-19

Date : 08 / 02 / 2019


Duration


This MOU is at-will and may be modified by mutual consent of authorized officials from both parties. This MOU shall become effective upon signature by the authorized officials from both parties and will remain in effect until modified or terminated by any one of the partners by mutual consent. In the absence of mutual agreement by the authorized officials from both parties this MOU shall end on 8th February 2020.


Contact Information


Partner name: **Bharati Vidyapeeth's College of Engineering for Women, Pune**
Partner representative: **Prof. Dr. D. A. Godse**
Position: **Head of Department (Information Technology)**
Address: **Bharati Vidyapeeth Campus, Dhankawadi, Pune, Maharashtra 411043.**
Telephone: **+91-937-144-4481**
Fax: **020-2437-2210**
E-mail: **deepali.godse@bharatividyaapeeth.edu**

Partner name: **QJ Technologies, Pune.**
Partner representative: **Qaidjohar Z. Jawadwala**
Position: **Proprietor**
Address: **Office No.509, Sterling Center, M.G.Road, Camp, Pune-411001.**
Telephone: **+91-797-222-1386**
E-mail: **info@qjtechnologies.com**


Ms. S. A. Sagar
MOU Coordinator, IT
Bharati Vidyapeeth's
College of Engineering
for Women, Pune


Mr. Qaidjohar Z. Jawadwala
Proprietor, QJ Technologies
Pune


Prof. Dr. D. A. Godse
HOD IT
Bharati Vidyapeeth's
College of Engineering
for Women, Pune


Prof. Dr. S. R. Patil
I/C Principal
I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering
for Women, Pune-43

MoU between QJ Technologies and Department of IT



L-R: Prof. Dr. S. R. Patil (I/C Principal), Mr. Qaidjohar Z. Jawadwala (Proprietor, QJ Technologies, Pune), Prof. Dr. D. A. Godse (HOD, IT), Ms. S. A. Sagar(MoU coordinator)

A memorandum of understanding for providing Internship and sponsorship for final year projects has been signed between **QJ Technologies** and **Department of Information Technology** on 8th February 2019.



BHARATI VIDYAPEETH COLLEGE OF
ENGINEERING FOR WOMEN, PUNE



Memorandum of Understanding

1. This Agreement is being executed on **15th January 2019** between **Dwij IT Solutions** having its Registered office at Ground Floor B4, Patang Plaza Phase 5, Opp. PICT Collge, Dhankawdi, Pune, Maharashtra 411046 and represented by **Mr. Ganesh Bhosale** is hence known as “ **Delivery Partner** ” and Department of Electronics and Telecommunications, Bharati Vidyapeeth’s College of Engineering for Women, Pune-43 represented by Prof. **Dr. S.R. Patil** is hence known as “ **Resource Partner** ”.
2. Delivery Partner will provide professional training program on “Python and Raspberry Pi” in the institute based on industry requirements and as per the demand from the Resource Partner.
3. Resource Partner will provide the necessary infrastructure like laboratory(s) with Computers, LCD projector and Respective Hardware required by the Delivery Partner for the training.
4. Resource Partner would allocate appropriate time slots as per the academic schedule for the mentioned training program offered by the Delivery Partner.
5. The tenure of the contract would be from **11th February 2019** to **12th February 2020** i.e. for One Year.
6. The batches would be conducted during weekdays or weekend.
7. The training period would be of 18 hours.
8. The duration of the training may increase as per the level of participants.
9. Delivery Partner will provide industry experienced trainers to conduct the training.
10. Delivery Partner will have the right to charge the training fees from Students or Faculties who would be getting benefit from the Training.
11. The participants will develop mini-projects under the guidance of the trainers.
12. The certificates to the enrolled participants will be issued on successful completion of the training and evaluation process.
13. A minimum lead time of 1 month will be required to start the training from the date of signing of the agreement.
14. The Resource Partner and Delivery Partner should verify all the details and fully satisfy them before entering into the agreement, as once the agreement is signed, the same cannot be terminated before the expiry of the same until both parties agrees upon it.

Mr. Ganesh Bhosale
Dwij IT Solutions, Pune



Prof. R.M. Shamalik
Coordinator
BVCOEW, Pune

Prof. Dr. S.R. Patil
HOD E&TC and I/C Principal
BVCOEW, Pune
I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering For Women,
Katraj, Dhankawadi, Pune-43



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 737 / 2018-19

Date : 12/02/2019

Memorandum of Understanding

1. This Agreement is being executed on 12th February, 2019 between **PCM CLOUDTECH (OPC) PVT. LTD** having its Registered office at **Renuka Mata Mandir Chowk, Barai Layout Bramhapuri, Tal. Bramhapuri, Dist. Chandrapur – 441206**, and Corresponding Address at **304, Madhusudan Apartment, Dangat Nagar, Narayanbaug Society, Vadgoan Budruk, Pune - 411041** represented by **Ms. Bhagyashri Pradip Raut** hence known as "**Trainer**" and **Department of Information Technology, Bharati Vidyapeeth's College of Engineering for Women (BVCOEW)** situated at **Katraj - Dhankawdi Campus, Pune** represented by **Prof. Dr. D. A. Godse** hence known as "**Resource Partner.**"
2. The Trainer will provide training on "**Website Designing and Hosting**", based on industry requirements.
3. The Trainer will provide guidance to the participants willing to take Web Designing as a career.
4. The Resource Partner will provide LCD projector, white board with marker pens, drawing sheets, any other stationary required for the training.
5. The Resource Partner would allocate appropriate time slots within the academic schedule for the training program.
6. The tenure of the contract would be from **12th February, 2019 to 11th February, 2020** i.e. for One Year.
7. The batches would be conducted during weekdays or weekend.
8. The courseware and other materials shall be made available by the Trainer.
9. The certificates to the enrolled participants will be issued on successful completion of the training & evaluation process.



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

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● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

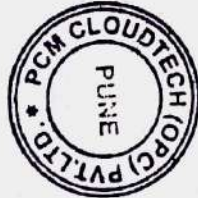
Ref. No. : BV / COEW / 737 / 2018-19

Date : 12/02/2019

10. A minimum lead time of 14-15 days will be required to start the training from the date of signing of the agreement.
11. The Resource Partner and The Trainer should verify all the details and fully satisfy them before entering in to the agreement, as once the agreement is signed, the same cannot be terminated before expiry of the same.

Mrs. S. B. Dhuttargi
MOU Coordinator,
BVCOEW,
Pune-43

Ms. B. P. Raut
Managing Director,
PCM Cloudtech (OPC)
Pvt. Ltd, Pune-41



Prof. Dr. D. A. Godse
H.O.D. I.T.,
BVCOEW,
Pune-43

HEAD OF DEPT.
information Technology
BV'S College of
Engineering For Women
Pune-411 043

Prof. Dr. S. R. Patil
I/C Principal,
BVCOEW,
Pune-43

I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering for Women
Katraj, Dhankawadi, Pune-43



MoU with PCM Cloudtech Pvt. Ltd.



L-R: Ms. Shruti Lokhande, Ms. Pooja Lad, Ms. Bhagyashri Raut (MD, PCM Cloudtech Pvt. Ltd.), Prof. Dr. S. R. Patil (I/C Principal), Prof. Dr. D. A. Godse (H.O.D., I.T.), Mrs. S. B. Dhuttargi (MoU Coordinator)

 <p>BHRATI VIDYAPEETH COLLEGE OF ENGINEERING FOR WOMEN, PUNE Address - Bharati Vidyapeeth Dhanakawadi Campus, Pune Satara Road, Pune -411043 India. Tel : +91-020-24371684 Fax : 020-24372210 Email : coewpune@bharatividyaapeeth.edu Website: http://coewpune.bharatividyaapeeth.edu</p>	 <p>MUGDHA SYSTEMS</p> <p>Electronics System Design & Consultancy Electronics Manufacturing Services</p> <hr/> <p>Office Address : D-1, Yashomangal Hsg. Society, Behind Gawade Petrol Pump Link Road, Chinchwad, Pune - 411 033</p> <hr/> <p>Works : Flat No. 12, Second Floor, Above Kesar Hotel, Golande Complex, Link Road, Chinchwad, Pune - 411 033</p> <hr/> <p>E-mail : bhushan.pawar@mugdhasystems.com, bhushan4520@yahoo.com</p>
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Memorandum of Understanding (MoU)

Between

Bharati Vidyapeeth's College of Engineering for Women, Pune

&

MUGDHA SYSTEMS

Bharati Vidyapeeth's College of Engineering for Women, Pune and MUGDHA SYSTEMS Pune, hereby agree to have an Academic Collaboration between each other, in the following areas of interest.

1. Professional Development and Continuing Education

MUGDHA SYSTEMS and BVCOEW Pune recognize that the most significant contribution, which BVCOEW can make to Indian Industry, is to make available suitably trained engineers and technologists year after year. Towards this goal, BVCOEW & MUGDHA SYSTEMS shall endeavor to enrich the engineering and technological education to enable interaction between Industry and BVCOEW, Pune.

2. Student Development Programs:

- a. Technical Guest Lectures / Seminars / Workshops to give students an overview of the developments in the industry.
- b. Projects for the students based on the merit and as per college curriculum.
- c. Visit to the Industry.

3. Faculty Development Programs:

- a. Technical Guest Lectures / Workshops to give faculty an overview of the developments in the industry.
- b. Projects for the faculty in various domains.
- c. Visit to the Industry.

4. Providing Development related solutions to Industry by Institute.

The collaboration is valid for a period of one year from this date and is further renewable based on mutual consent. Also, either side can terminate the same with one month notice, without assigning any reason what so ever.

Prof. Dr. V.R. Pawar is instrumental in accomplishment of this MOU. They shall coordinate all activities executed through this MOU.



Authorized Signature

MUGDHA SYSTEMS,PUNE




Authorized Signature

Head of Dept. E&TC
BV'S College of Engineering for
Women, Pune.

Date:13th February 2019

Place: Pune



Prof. Dr. PAWAR V. R.



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'B+' Grade by NAAC in 2018

● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 788 / 2018-19

Date : 02/08/2019

Memorandum of Understanding

1. This Agreement is being executed on 1st March , 2019 between GTL Software Pvt, Ltd., Office No. 1 Vitthal Smruti, Kokan Exp Len, Kothrud,Rahul Nagar, Near Kothrud stand signal, Kothrud, Pune-38, Maharashtra and represented by **Mr. Rahul Sharma** hence known as "**Delivery Partner**" and **Department of Information Technology, Bharati Vidyapeeth's College of Engineering for Women, Pune-43** represented by **Prof. Dr. D. A. Godse** hence known as "**Resource Partner**."
2. The purpose of this Memorandum of Understanding is as follows:
 - A. Organizing seminars / workshops / competitions on topics related to academic as well as Professional interest for cross fertilization of ideas for overall growth.
 - B. Giving the exposure of corporate culture to the Institutes students and faculty through Industrial Visits.
 - C. Guiding and mentoring the institute's students for projects.
 - D. Organizing Faculty Development Program.
 - E. Conducting placement drive at the Institute on a prime slot.
3. Delivery Partner is desires to collaborate with the Institute for effective use of Information and Communication Technology (ICT), Research, Training, Campus Placements and to achieve other similar objectives.
4. Resource Partner will provide the necessary infrastructure like laboratory(s) with computers, LCD projector required by the Delivery Partner for training.
5. Resource Partner would allocate appropriate time slots as per the academic schedule for the mentioned training program offered by the Delivery Partner.
6. The tenure of the contract would be from 1st March, 2019 to 29th February, 2020 i.e. for One Year.



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DJE Mumbai & Affiliated to Savitribai Phule Pune University)

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● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

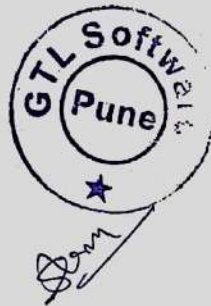
: I/C Principal :

Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 798 / 2018-19

Date : 02/03/2019

7. Delivery Partner will provide industry experienced trainers to conduct the training. The certificates will be issued upon successful completion of training by the delivery partner.
8. A minimum lead time of 7-8 days will be required to start the training from the date of signing of the agreement.
9. The Resource Partner and Delivery Partner should verify all the details and fully satisfy them before entering into the agreement, as once the agreement is signed, the same cannot be terminated before expiry of the same.



Ms. M. A. Rane
MOU Co-ordinator

B.V.C.O.E.W, Pune-43

Mr. Rahul Sharma
H.R.

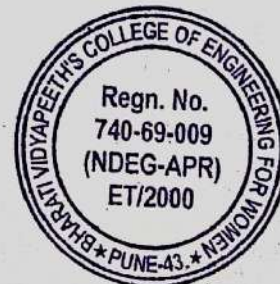
GTL Softwares Pvt. Ltd

Prof. Dr. D. A. Godse
HOD IT

B.V.C.O.E.W, Pune-43
HEAD OF DEPT.
Information Technology
BV'S College of
Engineering For Women
Pune-411 043

Prof. Dr. S. R. Patil
I/C Principal

B.V.C.O.E.W, Pune-43
I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering For Women,
Katraj, Dhankawadi, Pune-43





BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN, PUNE



in association with



CERTIFICATE OF APPRECIATION

This Certificate is proudly presented to

Sandip Raosaheb Patil

for successful completion of 6 days Faculty Development Program on "Python Programming".

(4th May - 9th May, 2020)

Parth Shukla
Co-Founder
9ledgepro

Prof. A.V. Kanade
Coordinator
BVCOEW

Prof. Dr. D.A. Godse
Convener, HOD,IT
BVCOEW

Prof. Dr. S.R. Patil
I/C Principal
BVCOEW



www.9ledgepro.com



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Savitribai Phule Pune University



Spoken-Tutorial

Bharati Vidyapeeth's College of Engineering for Women, Pune

(Dhankawadi, Pune-Satara Road, Pune-411043, Affiliated to Savitribai Phule Pune University & NAAC accredited)

Department of Computer Engineering

Certificate of Participation

This Certificate is presented to

Dr.Sandip Raosaheb Patil

*for successful participation in one week online Faculty Development Program on
'LATEX'*

from 11 May 2020 to 15 May 2020 in association with IIT Bombay, Spoken-Tutorial

Co-coordinator

Prof.K.D.Yesugade
Assistant Professor

Co-coordinator

Prof.K.S.Warke
Assistant Professor

Coordinator

Prof. D.D.Pukale
HOD

Convener

Prof. Dr. S.R.Patil
Principal



Bharati Vidyapeeth's College of Engineering for Women ,Pune

Affiliated to Savitribai Phule Pune University

NAAC Accredited

Department of Electronics and Telecommunication Engineering

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Dr.Sandip Patil

for successful participation in
One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,
Spoken Tutorial



Co-coordinator

Prof. V. V. Gaikwad
Assistant Professor

Co-coordinator

Prof. K.D. Mahajan
Assistant Professor

Cordinator

Prof. Dr. V.R. Pawar
Associate Professor

Convener

Prof. Dr. S.R. Patil
Principal



Savitribai Phule Pune University



Spoken-Tutorial

Bharati Vidyapeeth's College of Engineering for Women, Pune

(Dhankawadi, Pune-Satara Road, Pune-411043, Affiliated to Savitribai Phule Pune University & NAAC accredited)

Department of Computer Engineering

Certificate of Participation

This Certificate is presented to

Prof. S. T. Khot

*for successful participation in one week online Faculty Development Program on
'LATEX'*

from 11 May 2020 to 15 May 2020 in association with IIT Bombay, Spoken-Tutorial

Co-coordinator

Prof.K.D.Yesugade
Assistant Professor

Co-coordinator

Prof.K.S.Warke
Assistant Professor

Coordinator

Prof. D.D.Pukale
HOD

Convener

Prof. Dr. S.R.Patil
Principal



Bharati Vidyapeeth's College of Engineering for Women ,Pune

Affiliated to Savitribai Phule Pune University

NAAC Accredited

Department of Electronics and Telecommunication Engineering

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Prof.Sucheta Tirtharaj Khot

for successful participation in
One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,
Spoken Tutorial



Co-coordinator

Prof. V. V. Gaikwad
Assistant Professor

Co-coordinator

Prof. K.D. Mahajan
Assistant Professor

Cordinator

Prof. Dr. V.R. Pawar
Associate Professor

Convener

Prof. Dr. S.R. Patil
Principal

Roll No: NPTEL20HS10S22150052
 TO SUCHETA TIRTHARAJ KHOT
 175, CLOUD 9 SOCIETY, END OF N.I.B.M. RD
 MOHAMMADWADI
 PUNE
 MAHARASHTRA - 411060
 PH. NO -9881490761



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 8 Weeks



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
SUCHETA TIRTHARAJ KHOT
 for successfully completing the course
Enhancing Soft Skills and Personality
 with a consolidated score of **94 %**


 Prof. Andrew Thangara
 NPTEL Coordinator
 IIT Madras

(Feb-Apr 2020)


 Prof. Dileep N. Malkhede
 Advisor-I (Research, Institute & Faculty Development)
 All India Council for Technical Education

Roll No: NPTEL20HS10S22150052

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses
 F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

Roll No: NPTEL20HS13S12150011

To SUCHETA TIRTHARAJ KHOT
175, CLOUD 9 SOCIETY, END OF N.I.B.M. RD
MOHAMMADWADI
PUNE
MAHARASHTRA - 411 060
PH. NO : 9881490761



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 8 Weeks



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SUCHETA TIRTHARAJ KHOT

for successfully completing the course

Emotional Intelligence

with a consolidated score of 79 %


Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Mar 2020)


Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL20HS13S12150011

To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



GOVERNMENT COLLEGE OF ENGINEERING, KARAD

(An Autonomous Institute of Government of Maharashtra)

(Affiliated to Shivaji University, Kolhapur)

VIDYANAGAR, KARAD (SATARA) (INDIA), PIN-415124

Phone: +91 2164 272414/15 Fax: +91 2164 271713

Website: www.gcekarad.ac.in Email: principalgcekarad@gmail.com

TEQIP-3
Technical Education Quality Improvement Programme

NPIU
National Project Implementation Unit

Certificate

This is to certify that

Shri. / Mrs. / Dr./ Prof. **Prof.Khot Sucheta Tirtharaj**

from **Bharati Vidyapeeth's college of engineering for women Pune**

has participated in the One Week Online Faculty Development Program on

Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)

under *Technical Education Quality Improvement Program (TEQIP-III)*

organized by **Department of Electronics & Telecommunication Engineering** during May 26-30, 2020.

Dr. A.R.Karwankar
Coordinator

Dr. A. M. Sapkal
Convener

Prof. B. A. Konnur
TEQIP Coordinator

Dr. A. T. Pise
Principal

99. For verification of this E-certificate please email entc.gcekarad@gmail.com
100. Producing illegal copy of this certificate is a serious offence and the accountable shall be prosecuted with legal action.



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN, PUNE



in association with



CERTIFICATE OF APPRECIATION

This Certificate is proudly presented to

Suvarna Chorage

for successful completion of 6 days Faculty Development Program on "Python Programming".

(4th May - 9th May, 2020)

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Co-Founder
9ledgepro

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Coordinator
BVCOEW

Prof. Dr. D.A. Godse
Convener, HOD,IT
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Bharati Vidyapeeth's College of Engineering for Women, Pune

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Department of Computer Engineering

Certificate of Participation

This Certificate is presented to

Suvarna S. Chorage

*for successful participation in one week online Faculty Development Program on
'LATEX'*

from 11 May 2020 to 15 May 2020 in association with IIT Bombay, Spoken-Tutorial

Co-coordinator

Prof. K.D. Yesugade
Assistant Professor

Co-coordinator

Prof. K.S. Warke
Assistant Professor

Coordinator

Prof. D.D. Pukale
HOD

Convener

Prof. Dr. S.R. Patil
Principal



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NAAC Accredited

Department of Electronics and Telecommunication Engineering

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Suvarna S. Chorage

for successful participation in
One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,
Spoken Tutorial



Co-coordinator

Prof. V. V. Gaikwad
Assistant Professor

Co-coordinator

Prof. K.D. Mahajan
Assistant Professor

Cordinator

Prof. Dr. V.R. Pawar
Associate Professor

Convener

Prof. Dr. S.R. Patil
Principal

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Roll No: NPTEL19EE57S62011567

To
SUVARNA SANDIP CHORAGE
ROW HOUSE NO-73,HILL VIEW
SOCIETY,RAMNAGARI,AMBEGAON,KATRAJ,PUNE-46
PUNE
MAHARASHTRA
411048
PH. NO :9881717562



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
SUVARNA SANDIP CHORAGE
for successfully completing the course
Microwave Theory and Techniques

with a consolidated score of **63** %

Online Assignments	20.63/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 280

Jul-Oct 2019
(12 week course)

Prof. Sridhar Iyer
Head, CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL19EE57S62011567

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Roll No: NPTEL20GE11S12150300

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ROW HOUSE NO-73,HILL VIEW
SOCIETY,RAMNAGARI,AMBEGAON,KATRAJ,PUNE-46
PUNE
MAHARASHTRA - 411046
PH. NO :9881717562



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

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This certificate is awarded to

SUVARNA SANDIP CHORAGE

for successfully completing the course

**NBA Accreditation and Teaching - Learning
in Engineering (NATE)**

with a consolidated score of **67** %

Online Assignments	19.53/25	Proctored Exam	47.63/75
--------------------	----------	----------------	----------

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Total number of candidates certified in this course: **548**

Jan-Apr 2020
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore





BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN, PUNE



in association with



CERTIFICATE OF APPRECIATION

This Certificate is proudly presented to

Vijaya Rahul Pawar

for successful completion of 6 days Faculty Development Program on "Python Programming".

(4th May - 9th May, 2020)

Parth Shukla
Co-Founder
9ledgepro

Prof. A.V. Kanade
Coordinator
BVCOEW

Prof. Dr. D.A. Godse
Convener, HOD,IT
BVCOEW

Prof. Dr. S.R. Patil
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Department of Computer Engineering

Certificate of Participation

This Certificate is presented to

Prof. Dr. V. R. Pawar

*for successful participation in one week online Faculty Development Program on
'LATEX'*

from 11 May 2020 to 15 May 2020 in association with IIT Bombay, Spoken-Tutorial

Co-coordinator

Prof.K.D.Yesugade
Assistant Professor

Co-coordinator

Prof.K.S.Warke
Assistant Professor

Coordinator

Prof. D.D.Pukale
HOD

Convener

Prof. Dr. S.R.Patil
Principal



Bharati Vidyapeeth's College of Engineering for Women ,Pune

Affiliated to Savitribai Phule Pune University

NAAC Accredited

Department of Electronics and Telecommunication Engineering

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Dr . Vijaya Rahul Pawar

for successful participation in

One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,

Spoken Tutorial



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Drupal

Co-coordinator

Prof. V. V. Gaikwad
Assistant Professor

Co-coordinator

Prof. K.D. Mahajan
Assistant Professor

Cordinator

Prof. Dr. V.R. Pawar
Associate Professor

Convener

Prof. Dr. S.R. Patil
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Roll No: NPTEL19CS52511881018

To
DR. VIJAYA RAHUL PAWAR
RICHMOND PARK 302 PL NO 206
SN 96/2B BHUSARI COLONY
PUNE
MAHARASHTRA
411038
PH. NO :9922443906

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
DR. VIJAYA RAHUL PAWAR
for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **63** %

Online Assignments	20.50/25	Proctored Exam	42.19/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1976

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator,
IIT Kharagpur

Jul-Sep 2019
(8 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS52511881018

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Roll No: NPTEL20GE07S1434225

To
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RICHMOND PARK 302 PL NO 206SN 962B
BHUSARI COLONY
PUNE
MAHARASHTRA-411038
PH. NO :9922443906



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
VIJAYA RAHUL PAWAR
for passing the course

Roadmap for Patent Creation

with Score* **88** %



A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Mar 2020
(8 week course)



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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GOVERNMENT COLLEGE OF ENGINEERING KARAD



**&
RAJKIYA ENGINEERING COLLEGE AZAMGARH**

Jointly Organized

One Week Online Faculty Development Program on

“Machine Learning and Deep Learning Applications in Engineering & Science”

(16th May 2020 to 20th May 2020)

under

Technical Education Quality Improvement Program - III

CERTIFICATE OF PARTICIPATION

This is to certify that

Vijaya Rahul Pawar

of

Bharati Vidyapeeth's College of Engineering for Women Pune

Registration Number **1451**

has Participated in One Week TEQIP - Online Faculty Development Program on “Machine Learning and Deep Learning Applications in Engineering and Science (MLDLAES - 2020)” from 16th May - 20th May 2020 (Sponsored by Technical Education Quality Improvement Program -III) Organized by Civil Engineering Department, Government College of Engineering, Karad.

Prof. Amarsinh B. Landage

Coordinator

Prof. B. A. Konnur

Convener &
TEQIP III Coordinator

Prof. S. S. Valunekar

Chairman &
Head of Department

Prof. A. T. Pise

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This is to certify that

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has actively participated and successfully completed One Week Online Faculty Development Programme on

"Effective Proposal Writing for Research and Funding"

organized by Department of Electronics & Telecommunication Engineering In association with IEEE Women in Engineering
from 13th May to 18th May 2020.

Dr. Omkar S. Vaidya
FDP Coordinator

Dr. Gayatri M. Phade
Head, Dept. of E&TC, SITRC

Dr. Sanjay T. Gandhe
Principal, SITRC



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Department of Computer Engineering

Certificate of Participation

This Certificate is presented to

Dr. Sushilkumar Mahadeo Rajbhoj

*for successful participation in one week online Faculty Development Program on
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from 11 May 2020 to 15 May 2020 in association with IIT Bombay, Spoken-Tutorial

Co-coordinator

Prof.K.D.Yesugade
Assistant Professor

Co-coordinator

Prof.K.S.Warke
Assistant Professor

Coordinator

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HOD

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NAAC Accredited

Department of Electronics and Telecommunication Engineering

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Dr. Sushilkumar Mahadeo Rajbhoj

for successful participation in
One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,
Spoken Tutorial



Co-coordinator

Prof. V. V. Gaikwad
Assistant Professor

Co-coordinator

Prof. K.D. Mahajan
Assistant Professor

Cordinator

Prof. Dr. V.R. Pawar
Associate Professor

Convener

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Principal



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in association with



CERTIFICATE OF APPRECIATION

This Certificate is proudly presented to

Sharada Kore

for successful completion of 6 days Faculty Development Program on "Python Programming".

(4th May - 9th May, 2020)

Parth Shukla
Co-Founder
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Coordinator
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Prof. Dr. D.A. Godse
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This is to certify that

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has actively participated and successfully completed **One Week Online Faculty Development Programme** on

“Effective Proposal Writing for Research and Funding”

organized by **Department of Electronics & Telecommunication Engineering** In association with **IEEE Women in Engineering**

from 13th May to 18th May 2020.

Dr. Omkar S. Vaidya
FDP Coordinator

Dr. Gayatri M. Phade
Head, Dept. of E&TC, SITRC

Dr. Sanjay T. Gandhe
Principal, SITRC



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CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Dr. Sharada Laxman Kore

for successful participation in
One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,
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Prof. V. V. Gaikwad
Assistant Professor

Co-coordinator

Prof. K.D. Mahajan
Assistant Professor

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Department of Computer Engineering

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This Certificate is presented to

Dr. Sharada Laxman Kore

*for successful participation in one week online Faculty Development Program on
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Co-coordinator

Prof.K.D.Yesugade
Assistant Professor

Co-coordinator

Prof.K.S.Warke
Assistant Professor

Coordinator

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HOD

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CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

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for successful participation in
One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,
Spoken Tutorial



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Assistant Professor

Co-coordinator

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Associate Professor

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in association with



CERTIFICATE OF APPRECIATION

This Certificate is proudly presented to

Sampada Abhijit Dhole

for successful completion of 6 days Faculty Development Program on "Python Programming".

(4th May - 9th May, 2020)

Parth Shukla
Co-Founder
9ledgepro

Prof. A.V. Kanade
Coordinator
BVCOEW

Prof. Dr. D.A. Godse
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National Level One Week Online Faculty Development Program

April 28 to May 04, 2020

Certificate of Participation

*This is to certify that, Sampada Dhole , has successfully completed National level One Week Online Faculty Development Program on **"Python"** with included a demonstration cum hands on exposure, organised in association with **Spoken Tutorial Project, IIT Bombay**, funded by National Mission on Education through ICT, MHRD, Government of India, and remotely organised by **Department of Computer Engineering** and program coordinated by **Dr Shashikant V Athawale**.*

Mr N R Talhar
Coordinator, Spoken Tutorial

Dr S V Chaitanya
Coordinator, Faculty Development
and Academic Collaboration



Dr D P Gaikwad
Head
Department of Computer Engineering

Dr D S Bormane
Principal



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Department of Computer Engineering

Certificate of Participation

This Certificate is presented to

Dr. Sampada Abhijit Dhole

*for successful participation in one week online Faculty Development Program on
'LATEX'*

from 11 May 2020 to 15 May 2020 in association with IIT Bombay, Spoken-Tutorial

Co-coordinator

Prof. K.D. Yesugade
Assistant Professor

Co-coordinator

Prof. K.S. Warke
Assistant Professor

Coordinator

Prof. D.D. Pukale
HOD

Convener

Prof. Dr. S.R. Patil
Principal

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Roll No: NPTEL20GE07S1266636

To
DR.SAMPADA ABHIJIT DHOLE
F304, WONDER CITY, NEAR KATRAJ DAIRY,
KATRAJ, PUNE
PUNE
MAHARASHTRA-411046
PH. NO :9168690952



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(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
DR.SAMPADA ABHIJIT DHOLE

for passing the course

Roadmap for Patent Creation

with Score* **88** %

Covid-19
impacted
January 2020
semester

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Mar 2020
(8 week course)



Indian Institute of Technology Kharagpur



*Continuous online assessment score

To validate and check scores: <https://nptel.ac.in/noc>



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Department of Computer Engineering

Certificate of Participation

This Certificate is presented to

Prof. S.M.Jagdale

*for successful participation in one week online Faculty Development Program on
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Co-coordinator

Prof.K.D.Yesugade
Assistant Professor

Co-coordinator

Prof.K.S.Warke
Assistant Professor

Coordinator

Prof. D.D.Pukale
HOD

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Prof. Dr. S.R.Patil
Principal



Bharati Vidyapeeth's College of Engineering for Women ,Pune

Affiliated to Savitribai Phule Pune University

NAAC Accredited

Department of Electronics and Telecommunication Engineering

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Sumati Manoj Jagdale

for successful participation in

One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,

Spoken **Tutorial**



Spoken Tutorial



Drupal

Co-coordinator

Prof. V. V. Gaikwad
Assistant Professor

Co-coordinator

Prof. K.D. Mahajan
Assistant Professor

Cordinator

Prof. Dr. V.R. Pawar
Associate Professor

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Principal



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in association with



CERTIFICATE OF APPRECIATION

This Certificate is proudly presented to

CHAUDHARI K R

for successful completion of 6 days Faculty Development Program on "Python Programming".

(4th May - 9th May, 2020)

Parth Shukla
Co-Founder
9ledgepro

Prof. A.V. Kanade
Coordinator
BVCOEW

Prof. Dr. D.A. Godse
Convener, HOD,IT
BVCOEW

Prof. Dr. S.R. Patil
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CERTIFICATE OF PARTICIPATION

This is to certify that

Kalyani Ramesh Chaudhari

has actively participated and successfully completed **One Week Online Faculty Development Programme** on

“Effective Proposal Writing for Research and Funding”

organized by **Department of Electronics & Telecommunication Engineering** In association with **IEEE Women in Engineering**

from 13th May to 18th May 2020.

Dr. Omkar S. Vaidya
FDP Coordinator

Dr. Gayatri M. Phade
Head, Dept. of E&TC, SITRC

Dr. Sanjay T. Gandhe
Principal, SITRC



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INSTITUTE OF TECHNOLOGY
NAVI MUMBAI

DesignTech
Technology for designing the future



5-Days Online STTP on

*MATLAB based Teaching-Learning in
Mathematics, Science & Engineering*

Certificate of Participation

This is to certify that **Prof. Kalyani Ramesh Chaudhari** from **BVCOEW, Pune** has successfully completed the online Short Term Training Program on “**MATLAB based Teaching-Learning in Mathematics, Science & Engineering**”.

This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.

Mr. M M Zafar
National Technical Manager,
Designtech Systems Pvt Ltd.

Dr. Prasiddh Trivedi
STTP Convenor

Dr Vishwesh A. Vyawahare
Head, Electronics Engg., RAIT

Dr. Mukesh D. Patil
Principal, RAIT





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Department of Computer Engineering

Certificate of Participation

This Certificate is presented to

Kalyani Chaudhari

*for successful participation in one week online Faculty Development Program on
'LATEX'*

from 11 May 2020 to 15 May 2020 in association with IIT Bombay, Spoken-Tutorial

Co-coordinator

Prof.K.D.Yesugade
Assistant Professor

Co-coordinator

Prof.K.S.Warke
Assistant Professor

Coordinator

Prof. D.D.Pukale
HOD

Convener

Prof. Dr. S.R.Patil
Principal



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Department of Electronics and Telecommunication Engineering

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Kalyani Ramesh Chaudhari

for successful participation in
One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,
Spoken Tutorial



Co-coordinator

Prof. V. V. Gaikwad
Assistant Professor

Co-coordinator

Prof. K.D. Mahajan
Assistant Professor

Cordinator

Prof. Dr. V.R. Pawar
Associate Professor

Convener

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Principal



**Pune Vidyarthi Griha's
College of Engineering and Technology, Pune**



Spoken Tutorial

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THIS IS TO CERTIFY THAT

Prof. Kalyani Chaudhari

has successfully completed One Week Online Faculty Development Program on **“Linux”** with course material provided by the Talk To A Teacher project at IIT Bombay organized under Spoken Tutorial Project, IIT Bombay, funded by NMEICT, MHRD, Govt. of India from

25th May 2020 to 29th May 2020

remotely organized by the Department of Electronics and Telecommunication Engineering, Pune Vidyarthi Griha's College of Engineering and Technology, Pune.

Dr. Mrs. M. P. Atre
Coordinator

Prof. S. R. Jaybhaye
Coordinator

Dr. Y. B. Thakare
Convenor, HOD ENTC

Prof. U. M. Kalshetti
Spoken Tutorial
Coordinator

Dr. Kalyani Kulkarni,
Incharge Principal,
PVG's COET, Pune



GOVERNMENT COLLEGE OF ENGINEERING, KARAD

(An Autonomous Institute of Government of Maharashtra)

(Affiliated to Shivaji University, Kolhapur)

VIDYANAGAR, KARAD (SATARA) (INDIA), PIN-415124

Phone: +91 2164 272414/15 Fax: +91 2164 271713

Website: www.gcekarad.ac.in Email: principalgcekarad@gmail.com

TEQIP-3
Technical Education Quality Improvement Programme

NPIU
National Project Implementation Unit

Certificate

This is to certify that

Shri. / Mrs. / Dr./ Prof. **Kalyani Ramesh Chaudhari**

from **BVCOEW Pune**

has participated in the One Week Online Faculty Development Program on

Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)

under *Technical Education Quality Improvement Program (TEQIP-III)*

organized by **Department of Electronics & Telecommunication Engineering** during May 26-30, 2020.

Dr. A.R. Karwankar
Coordinator

Dr. A. M. Sapkal
Convener

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(4th May - 9th May, 2020)

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Assistant Professor

Co-coordinator

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This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.

Mr. M M Zafar
National Technical Manager,
Designtech Systems Pvt Ltd.

Dr. Prasiddh Trivedi
STTP Convenor

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Head, Electronics Engg., RAIT

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TEQIP-3
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Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)

under *Technical Education Quality Improvement Program (TEQIP-III)*

organized by **Department of Electronics & Telecommunication Engineering** during May 26-30, 2020.

Dr. A.R. Karwankar
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for successful completion of 6 days Faculty Development Program on "Python Programming".

(4th May - 9th May, 2020)

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Assistant Professor

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This course is offered by **IITBombayX**, an online learning initiative of **Indian Institute of Technology Bombay**.

Deepak Phatak
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Department of Computer Science and Engineering
IIT Bombay

Firuza Karmali (Aibara)
Project Manager,
Department of Computer Science and Engineering
IIT Bombay

Nagesh Karmali
Senior Manager (Research),
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Spoken Tutorial

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Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **DEVENDRA ANANT ITOLE** at **AISSMS Institute of Information Technology** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**

May 11th 2020

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

Prof. Kannan M Moudgalya
IIT Bombay



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Assistant Professor

Co-coordinator

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Mr N R Talhar
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Coordinator, Faculty Development
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Data Scientist

IBM

This is to certify that

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Assistant Professor

Co-coordinator

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This Certificate is proudly presented to

Yashomati R. Dhumal

for successful completion of 6 days Faculty Development Program on "Python Programming".

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organized by Department of Electronics & Telecommunication Engineering In association with IEEE Women in Engineering
from 13th May to 18th May 2020.

Dr. Omkar S. Vaidya
FDP Coordinator

Dr. Gayatri M. Phade
Head, Dept. of ESTC, SITRC

Dr. Sanjay T. Gandhe
Principal, SITRC



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"Wireless communication towards 5G"

organized by

Department of Electronics and Telecommunication Engineering

Sinhgad Institute of Technology and Science, Narhe, Pune-41

from 25th May 2020 to 29th May 2020

Handwritten signature of Dr. Vandana M. Robokale.

Dr. Vandana M. Robokale
Coordinator



Handwritten signature of Dr. Rajesh S. Prasad.

Dr. Rajesh S. Prasad
Principal



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This Certificate is proudly presented to

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Co-Founder
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Assistant Professor

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Assistant Professor

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Assistant Professor

Co-coordinator

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Assistant Professor

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PCCOER, Pune

Dr. S. S. Mulik
Coordinator,
RMDSSOE, Pune.

Dr. U. V. Patil
Coordinator,
GCE, Karad.

Dr. S. P. Deshmukh
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Dr. S. V. Gaikwad
Head of Dept.

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Sheetal Venkatrao Shelke

for successful completion of 6 days Faculty Development Program on "Python Programming".

(4th May - 9th May, 2020)

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Co-Founder
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Sheetal Venkatrao Shelke

*for successful participation in one week online Faculty Development Program on
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from 11 May 2020 to 15 May 2020 in association with IIT Bombay, Spoken-Tutorial

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Assistant Professor

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Phone: +91 2164 272414/15 Fax: +91 2164 271713

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NPIU
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Co-coordinator

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Spoken Tutorial



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Co-coordinator

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Indian Institute of Technology Kharagpur



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impacted
January 2020
semester

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Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
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Jan-Mar 2020
(8 week course)



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for successful completion of 6 days Faculty Development Program on "Python Programming".

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from 13th May to 18th May 2020.

Dr. Omkar S. Vaidya
FDP Coordinator

Dr. Gayatri M. Phade
Head, Dept. of E&TC, SITRC

Dr. Sanjay T. Gandhe
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Assistant Professor

Co-coordinator

Prof. K.D. Mahajan
Assistant Professor

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organized by **Department of Electronics & Telecommunication Engineering** In association with **IEEE Women in Engineering**

from 13th May to 18th May 2020.

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FDP Coordinator

Dr. Gayatri M. Phade
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President, BSVS, Nagpur

Dr. N. G. Telkapalliwar
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This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.

Mr. M M Zafar
National Technical Manager,
Designtech Systems Pvt Ltd.

Dr. Prasiddh Trivedi
STTP Convenor

Dr Vishwesh A. Vyawahare
Head, Electronics Engg., RAIT

Dr. Mukesh D. Patil
Principal, RAIT



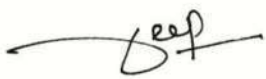
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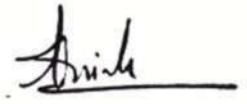
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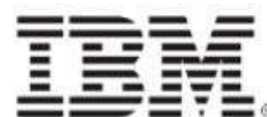


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successfully completed and received a passing grade in

PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of IBM.

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

Joseph Santarcangelo

Data Scientist

IBM



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for successful completion of 6 days Faculty Development Program on "Python Programming".

(4th May - 9th May, 2020)

Parth Shukla
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Assistant Professor

Co-coordinator

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This certificate is proudly presented to

Sonal Mohanrao Patil

for successful participation in
One week online Faculty Development Program on

Drupal

from 18 May 2020 to 23 May 2020 in Association with IIT Bombay,
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Assistant Professor

Co-coordinator

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