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: administr........

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.

Fire and Security Association of India   www.fsai.in

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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

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: administrator@fsai.in

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 Operation**s) 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 'mentorrbuddy.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. Vankudre...
(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 DAG

HEAD OF DEPT.
Information Technology
Date: 27/07/2017 BV'S College of
Engineering For Women
Pune-411 043

For Delivery Partner

Mr. ...Deepak Garg
(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

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.

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.

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

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

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 / 20 18/19

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.

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

BHARATI VIDYAPEETH'S
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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 /   / 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.
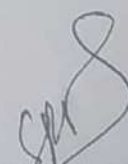
Mr. Rahul Ahire

Director

Link-Code Technologies,

Pune

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

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

9/10/18

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING
FOR WOMEN, PUNE

HEAD OF DEPARTMENT

09/10/18

BHARATI VIDYAPEETH'S COLLEGE OF
ENGINEERING FOR WOMEN, PUNE
Head of the Department
Electronic & Tele Communication
B.V.'s College of Engineering for Wome..
Pune - 411043
DIRECTOR

9/10/2018

PRINCIPAL

9/10/18

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING
I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering for Women
Katraj, Dhankawadi, Pune-43

SOLUTIONS, PUNE

2

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

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

: 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.

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING FOR WOMEN

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

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

: 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	**Prof. Dr. D.A.Godse**	**Prof. Dr. S.R.Patil**
Director	**HOD IT**	**I/C Principal**
Algorithmic Electronics,	Bharati Vidyapeeth's College	Bharati Vidyapeeth's College
Pune	of Engg. for Women, Pune	of Engg. for Women, Pune

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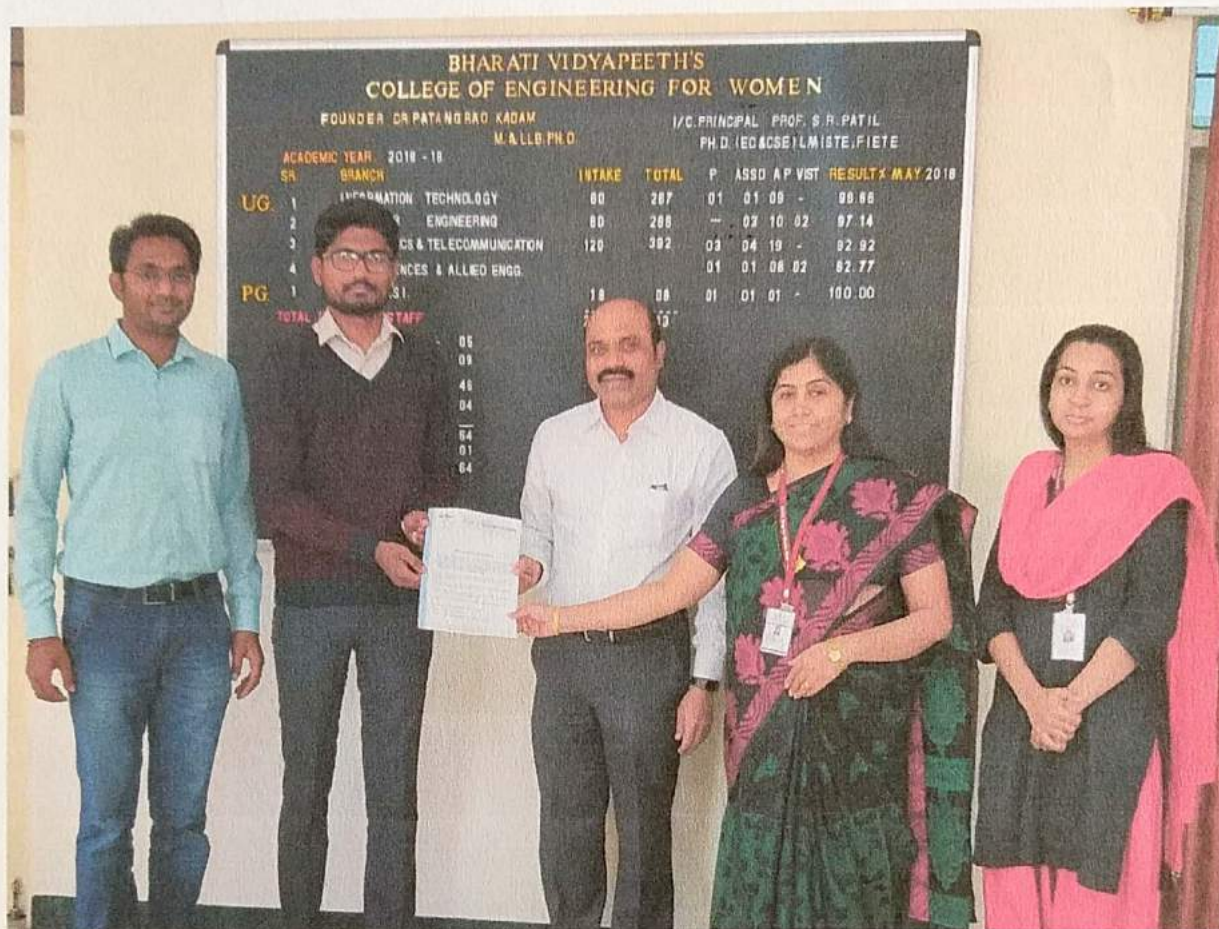BV'S College of
Engineering For Women
Pune-411 043

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

Regn. No.
740-69-009
(NDEG-APR)
ET/2000

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 31ᵈ December, 2018.

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

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

: 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.

: 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 / 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

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

Regn. No.
740-69-009
(NDEG-APR)
ET/2000

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)

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

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

: 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 FacultyDevelopment 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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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
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.VC.O.E.W, Pune-43

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

Regn. No.
740-69-009
(NDEG-APR)
ET/2000

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Ref. No. : BV / COEW / 844 / 20 19

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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Ref. No. : BV / COEW / 855 . / 20 | 19

Date : 14/1/2019

2. 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.

3. 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.

4. 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.

5. The tenure of the contract would be from 14th January, 2019 to 13th January, 2020 i.e. for One Year.

6. 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	Mr. A.B. Aher	Prof. Dr. D. A. Godse	Prof. Dr. S. R. Patil
MOU Co-ordinator,	Founder & Director,	HEAD OF DEPT.	I/C Principal,
	KasNet Technologies	Information Technology	
BVCOEW,	Pvt Ltd.,	BV'S College of	BVCOEW,
		Engineering For Women	
Pune-43	Pune-41	Pune-411 043	Pune-43

For KasNet Technologies Pvt. Ltd.

I/C PRINCIPAL

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

Director

MoU between KasNet Technologies Pvt. Ltd. And Department of Information Technology

L-R: Mrs. S. A. Hadke (MoU Coordinator), Prof. Dr. S. R. Patil (I/C Principal), Prof. Dr. D. A. Godse (HOD, IT), Mr. A. B. Aher (Founder and Director, KasNet Technologies Pvt. Ltd.)

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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.bharatividyapeeth.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

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, Enterpreneurship & Leadership)
Hereafter referred to as "IOT COE"
OLD Pune-Mumbai Road,Shivajinagar, Pune, Maharashtra-411005
Website:www.iotiot.in**

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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.

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 statups 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.

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Ref. No. : BV / COEW /   / 20

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- **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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Ref. No. : BV / COEW /   / 20

Date :

In this regard we are pleased to sign this MoU between **IoT CoE** and **Bharati Vidya-peeth's Collage of Engineering for Women** to meet the outcome of promoting entre-preneurship 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	Founder	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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Date :

Course Details

Following are the course options students will be provided with:

Topic	Topics Covered
➔ Embedded Linux (on ARM)	1. Basics of compiling C program
	2. Basics of computer
	3. BIOS
	4. Operating System architecture
	5. Booting of x86 system
	6. Processor basics
	7. Device drivers
	8. Bootloader
	9. Linux Kernel
	10. Kernel initialisatio
	11. System initialisatio
	12. File Systems
	13. Porting Linux
	14. Busybox
	15. Build systems - Buildroot, Yocto

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Ref. No. : BV / COEW /   / 20

Date :

→ **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

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→ 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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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

13

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 statups 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	
Signature		*Signature*	
Date		*Date*	
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)**

1. Basics of compiling C program
2. Basics of computer
3. BIOS
4. Operating System architecture
5. Booting of x86 system
6. Processor basics
7. Device drivers
8. Bootloader
9. Linux Kernel
10. Kernel initialisatio
11. System initialisatio
12. File Systems
13. Porting Linux
14. Busybox
15. Build systems - Buildroot, Yocto

→ **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. IPv6
    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

→ **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

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.

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

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

&

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

: 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)
Accredited with 'B+' Grade by NAAC in 2018
● Id No. : PU/PN/Engg./150/2000   ● DTE College Code : EN6285

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

Date : 07/03/2019

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')

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: Founder :

Dr. Patangrao Kadam

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

: I/C Principal :

Prof.(Dr.) S. R. Patil

Ph.D./LMISTE, 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 collge 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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Dr. Patangrao Kadam

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

: I/C Principal :

Prof.(Dr.) S. R. Patil

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

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

Date : 07/03/2019

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.

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Date :

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

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

Date : 07/03/2019

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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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 : pukaledd@gmail.com	E-mails : hr@abstractitsolutions.com
Web: http://coewpune.bharatividyapeeth.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

DIRECTO

Witness3:

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

HEAD
Computer Engg. Department
BV'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

Regn. No.
740-69-009
(NDEG-APR)
ET/2000

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Accredited with 'B+' Grade by NAAC

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

Date : 08/02/2019

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.

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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 (InformationTechnology)**
Address: **Bharati Vidyapeeth Campus, Dhankawadi, Pune, Maharashtra 411043.**
Telephone: **+91-937-144-4481**
Fax: **020-2437-2210**
E-mail: deepali.godse@bharatividyapeeth.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
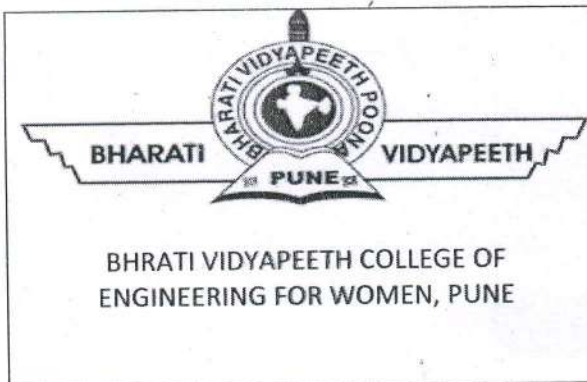College of Engineering
for Women, Pune

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

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 Facutlies 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

DWIJ IT SOLUTIONS PUNE-46

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

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

: 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.

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

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

: 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	**Ms. B. P. Raut**	**Prof. Dr. D. A. Godse**	**Prof. Dr. S. R. Patil**
MOU Coordinator,	Managing Director,	H.O.D. I.T.,	I/C Principal,
BVCOEW,	PCM Cloudtech (OPC)	BVCOEW,	BVCOEW,
Pune-43	Pvt. Ltd, Pune-41	Pune-43	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

PCM CLOUDTECH (OPC) PVT.LTD PUNE

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN
Regn. No.
740-69-009
(NDEG-APR)
ET/2000
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)

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@bharatividyapeeth.edu
Website:
http://coewpune.bharatividyapeeth.edu

MUGDHA
SYSTEMS

Electronics System Design & Consultancy
Electronics Manufacturing Services

Office Address : D-1, Yashomangal Hsg.
Society, Behind Gawade Petrol Pump
Link Road, Chinchwad, Pune - 411 033

Works : Flat No. 12, Second Floor,
Above Kesar Hotel, Golande Complex,
Link Road, Chinchwad, Pune - 411 033

E-mail : bhushan.pawar@mugdhasystems.com,
bhushan4520@yahoo.com

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.

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

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

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

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

Date : 02|08|2019

Memorandum of Understanding

1. This Agreement is being executed on 1st March , 2019 between G T L S o f t w a r e **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.

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

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

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

Regn. No.
740-69-009
(NDEG-APR)
ET/2000

NATIONAL INSTITUTE OF
TECHNICAL TEACHERS'
TRAINING AND
RESEARCH, KOLKATA

(Established by the Ministry of Human
Resource Development,
Government of India)

Certificate

Awarded to

Sandeep R Patil

for having successfully completed the

Short Term Training Programme through ICT Mode on

NBA Accreditation

organized by this Institute

from **22.04.2019** to **26.04.2019** [duration: **1 Week**]

R-Subba Rao

Programme Coordinator(s)

Academic Coordinator

Director

Roll No: NPTEL19EE10S11740536

To
SUCHETA TIRTHARAJ KHOT
175,AARJAV,CLOUD 9 SOCIETY,
END OF N.I.B.M. RD,
MOHAMMADWADI
PUNE
MAHARASHTRA
411060
PH. NO :9881490761

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

No. of credits recommended by NPTEL:2

Elite

NPTEL Online Certification

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

This certificate is awarded to

SUCHETA TIRTHARAJ KHOT

for successfully completing the course

Analog Circuits

with a consolidated score of **72** %

Online Assignments	21.13/25	Proctored Exam	51/75

Total number of candidates certified in this course: **653**

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Jan-Mar 2019
(8 week course)

Indian Institute of Technology Bombay

Roll No: NPTEL19GE04S31970518

To
SUCHETA TIRTHARAJ KHOT
175, AARJAV, CLOUD 9 SOCIETY,
END OF N.I.B.M. RD,
MOHAMMADWADI
PUNE
MAHARASHTRA
411060
PH. NO :9881490761

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

No. of credits recommended by NPTEL:1

Elite

NPTEL Online Certification

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

This certificate is awarded to

SUCHETA TIRTHARAJ KHOT

for successfully completing the course

Teaching And Learning in Engineering (TALE)

with a consolidated score of **71** %

Online Assignments	24.08/25	Proctored Exam	47.25/75

Total number of candidates certified in this course: **1584**

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

Feb-Mar 2019
(4 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

FREE ONLINE EDUCATION
swayam

Roll No:NPTEL19EE06S31970166

To SUVARNA SANDIP CHORAGE
SHUBHNIKA, ROW HOUSE NO. 73, HILL VIEW
SOCIETY
AMBEGAON ROAD, KATRAJ, PUNE
PUNE
MAHARASHTRA
411046
PH. NO :9881717562

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: 12 Weeks

NPTEL-AICTE
Faculty Development Programme

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

This certificate is awarded to

SUVARNA SANDIP CHORAGE

for successfully completing the course

Modern Digital Communication Techniques

with a consolidated score of **73** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Apr 2019)

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

Roll No: NPTEL19EE06S31970166

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

No. : ICT/2019 – 20/2638

Certificate

Awarded to

Vijaya Rahul Pawar

for having successfully completed the

Short Term Training Programme through ICT Mode on

NBA Accreditation

organized by this Institute

from **22.04.2019** to **26.04.2019** [duration: **1 Week**]

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA

Established by the Ministry of Human Resource Development, Government of India)

R. Subba Rao
Programme Coordinator(s)

Academic Coordinator

Director

Elite

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

TOP
TOPPER
5%

This certificate is awarded to

SUSHILKUMAR RAJBHOJ

for successfully completing the course

MACHINE LEARNING, ML

with a consolidated score of **74** %

Online Assignments	23.1/25	Proctored Exam	51/75

Total number of candidates certified in this course: **1287**

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Feb-Apr 2019
(8 week course)

Prof. Andrew Thanga
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

MIELES

FREE ONLINE EDUCATION
swayam

Roll No:NPTEL19GE09S11740135

To SHARADA LAXMAN KORE
C-002, ASHOKA AAGAM
PUNE
MAHARASHTRA
411046
PH. NO :9822273642

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

SHARADA LAXMAN KORE

for successfully completing the course

Roadmap for Patent Creation

with a consolidated score of **77** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Mar 2019)

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

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

Roll No:NPTEL19GE03S51970260

To DR. SAMPADA ABHIJIT DHOLE
F-304,WONDER CITY, NEAR KATRAJ DAIRY
KATRAJ, PUNE
PUNE
MAHARASHTRA
411046
PH. NO :9168690952

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

DR. SAMPADA ABHIJIT DHOLE

for successfully completing the course

Introduction to Research

with a consolidated score of **75** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Apr 2019)

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

Roll No: NPTEL19GE03S51970260

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

Roll No:NPTEL19GE03S61970395

To SUMATI JAGDALE
RH-13,VARDHAMAN RESIDENCY
S.NO. 15, AMBEGAON
PUNE
MAHARASHTRA
411046
PH. NO :9422558748

Duration of NPTEL course: 8 Weeks

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

NPTEL-AICTE
Faculty Development Programme

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

This certificate is awarded to

SUMATI JAGDALE

for successfully completing the course

Introduction to Research

with a consolidated score of **80** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Apr 2019)

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

Roll No: NPTEL19GE03S61970395

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

Roll No: NPTEL19EE10S11740500

To
SHWETA SADANAND SALUNKHE
B-402,AMRUT KALASH NAGARI, BEHIND
BHARATI VIDYAPEETH,AMBEGAON(B)
PUNE
MAHARASHTRA
411046
PH. NO :9890411435

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

No. of credits recommended by NPTEL:2

Elite

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

This certificate is awarded to

SHWETA SADANAND SALUNKHE

for successfully completing the course

Analog Circuits

with a consolidated score of **69** %

Online Assignments	21.17/25	Proctored Exam	48/75

Total number of candidates certified in this course: **653**

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Jan-Mar 2019
(8 week course)

Indian Institute of Technology Bombay

FREE ONLINE EDUCATION
swayam

All India Shri Shivaji Memorial Society's
INSTITUTE OF INFORMATION TECHNOLOGY
Kennedy road, Near RTO, Pune-411001

Refresher Programme

on

"RECENT TRENDS IN MEMS, POWER SOURCES AND ELECTRONIC PACKAGING"

Provisional

Certificate of Participation

This is to certify that Mr. /M/s. **SANJAY BHILEGAOKAR** of organization **BVCOE , PUNE**
has participated in the "RECENT TRENDS IN MEMS, POWER SOURCES AND ELECTRONIC
PACKAGING ". Sponsored by AICTE, ISTE and Technically supported by CMET Pune, ISSS. Organized by
Department of Electronics and Telecommunication Engineering, AISSMS, IOIT, Pune from 25th Jun to 30th Jun 2018.

Dr. M. P. Sardey
(Convener)

Dr. Girish Phatak
Secretary, Pune Chapter, ISSS

Dr. P. B. Mane
(Principal)

Roll No: NPTEL19GE03S61970925

To SANJAY MUKUNDRAO BHILEGAONKAR
B-305, SUVIDHA ANGAN, TULJABHAVANI
NAGAR,
NARHE
PUNE
MAHARASHTRA
411041
PH. NO :9028637929

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

SANJAY MUKUNDRAO BHILEGAONKAR

for successfully completing the course

Introduction to Research

with a consolidated score of **72** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Apr 2019)

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

Roll No: NPTEL19GE03S61970925

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

Roll No: NPTEL19EE09S31970535

To
PRANALI RAJESH YAWLE
D-3 SUNDAR SRUSHTI,SUNCITY ROAD
,ANANDNAGAR,SINHGAD ROAD
PUNE
MAHARASHTRA
411051
PH. NO :7385296804

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

No. of credits recommended by NPTEL:3

NPTEL Online Certification

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

This certificate is awarded to

PRANALI RAJESH YAWLE

for successfully completing the course

Digital Electronic Circuits

with a consolidated score of **54** %

Online Assignments	18.19/25	Proctored Exam	36/75

Total number of candidates certified in this course: **922**

A. Goswami

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

Jan-Apr 2019
(12 week course)

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION
swayam

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

VARSHA

for successfully completing the course

Introduction to Research

with a consolidated score of **87** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Apr 2019)

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

Roll No: NPTEL19GE03S61970009

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.

Roll No:NPTEL19GE03S61970340

To ROMA JAIN
F604 VENKATESH SERENITY NEAR DSK VISHWA
DHAYARI
PUNE
MAHARASHTRA
411041
PH. NO :9923226393

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

ROMA JAIN

for successfully completing the course

Introduction to Research

with a consolidated score of **83** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Apr 2019)

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

Roll No: NPTEL19GE03S61970340

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

Roll No:NPTEL19GE03S61970442

To ROSHNA JAISING SAPKAL
A-502,MALHAAR-ORION CONSTRUCTION,BEHIND
D-MART,DALVINAGAR
AMBEGOAN,PUNE
PUNE
MAHARASHTRA
411046
PH. NO :9730317619

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

ROSHNA JAISING SAPKAL

for successfully completing the course

Introduction to Research

with a consolidated score of **85** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Apr 2019)

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

Roll No: NPTEL19GE03S61970442

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

Roll No: NPTEL19GE03S51970155

To
SHEETAL SHELKE
B2-602, SHREE VENKTESH PURAM, PHALE
NAGAR, AMBEGOGN (BK), PUNE 411046
PUNE
MAHARASHTRA
411046
PH. NO :8830638104

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

No. of credits recommended by NPTEL:2

NPTEL Online Certification

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

This certificate is awarded to

SHEETAL SHELKE

for successfully completing the course

Introduction to Research

with a consolidated score of **58** %

Online Assignments	18.75/25	Proctored Exam	39/75

Total number of candidates certified in this course: **1182**

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Feb-Apr 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

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

No. of credits recommended by NPTEL:3

NPTEL Online Certification

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

This certificate is awarded to

MAHAJAN KANCHAN DEEPAK

for successfully completing the course

Digital Electronic Circuits

with a consolidated score of **54** %

Online Assignments	17.81/25	Proctored Exam	36/75

Total number of candidates certified in this course: **922**

A. Goswami

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

Jan-Apr 2019
(12 week course)

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION
swayam

Roll No:NPTEL19GE04S31970805

To VARSHA VIJAY GAIKWAD
PRISTINE PACIFIC, B-604, PHASE - 3
AMBEGAON BK, KATRAJ
PUNE
MAHARASHTRA
411046
PH. NO :8605672512

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: 4 Weeks

NPTEL-AICTE
Faculty Development Programme

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

This certificate is awarded to

VARSHA VIJAY GAIKWAD

for successfully completing the course

Teaching And Learning in Engineering (TALE)

with a consolidated score of **75** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Mar 2019)

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

Roll No: NPTEL19GE04S31970805

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

I²IT

Innovation & Leadership

Inaugural International Workshop on

FOSS4G for Digital & Skill India

OSGeo-India

Centre of Excellence in Geoinformatics

17ᵗʰ -18ᵗʰ August 2018

CERG

CENTRE FOR EDUCATION &
RESEARCH IN GEOSCIENCES

Certificate of Participation

Presented to

Prof. Shital Balasaheb Jadhav

held at

Hope Foundation's

International Institute of Information Technology, Pune, India

Mr. Ravi Kumar Vundavalli	Prof. Natraj Vaddadi	Dr. Vaishali V. Patil	Dr. V Rajesh Chowdhary
Secretary	Principal Consultant	Principal	Workshop Coordinator
OSGeo- India	CERG, India	I²IT, Pune, India	I²IT, Pune, India

DYP

D. Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune – 44

Department of Computer Engineering

Three Days Faculty Development Program
on
"Web Technology"

CERTIFICATE

This is to certify that Prof./Mr./Mrs./Ms. Shital Jadhav of BVCOEW participated in three days Faculty Development Program on **"Web Technology"** held on 13th December to 15th December 2017. The program was organized by Dr. D. Y. Patil Institute of Engineering, Management and Research, Pune in association with Board of Studies (BoS), Computer Engineering, Savitribai Phule Pune University, Pune.

Mr. Nareshkumar R. Mustary
Mrs. Suvarna A. Patil
Coordinator

Prof. Pratiksha P. Shevatekar
Dr Manisha Bhende
Convener

Dr. Anupama V. Patil
Principal

Society For Computer Technology & Research's
Pune Institute of Computer Technology, Pune

PICT

Department of Computer Engineering

Certificate

This certificate is presented to

Mr. / Ms. __SHITAL B. JADHAV__ from __BVCOE__ has

attended three days workshop on

"Developing Web Applications using JSP, Servlet, AJAX, AngularJS and Modern Frameworks"

organized by Department of Computer Engineering, PICT, Pune

during 18th - 20th January, 2018.

Mrs. A. A. Jewalikar Coordinator	Dr. R. B. Ingle HoD(Dept. Computer Engg)	Dr. P. T. Kulkarni Principal

Zeal Education Society's

Zeal College of Engineering & Research, Pune

Department of Information Technology

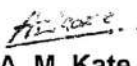AICTE - ISTE Approved

One week Short Term Training Program on

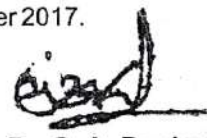## "System Programming and Advances in Compiler Construction"

11th to 16th December, 2017

CERTIFICATE

This is to certify that, Dr. /Mr. /Ms. /Mrs. _Vinaya D. Kulkarni_

has participated in Short Term Training Program on "System Programming and Advances in compiler Construction" held

at Zeal College of Engineering and Research, Pune- 411041 during 11th to 16th December 2017.

Prof. S. U. Kadam
Head,
Information Technology

Dr. A. M. Kate,
Principal
ZCOER, Pune

Dr. S. A. Deokar
Campus Director,
Zeal Education Society, Pune

Society for Computer Technology & Research's

Pune Institute of Computer Technology, Pune

Department of Computer Engineering

Certificate

This is to certify that

Mr. / Ms. _Vinaya Kulkarni_ has

successfully attended and completed the certificate course in

"Software Testing and Quality Assurance"

organized by Department of Computer Engineering, PICT, Pune,

during academic year 2017 - 2018

17-18

Prof. A. R. Sharma
Coordinator

Dr. R. B. Ingle
HoD

Dr. P. T. Kulkarni
Principal

Society for Computer Technology & Research's

PUNE INSTITUTE OF COMPUTER TECHNOLOGY

Sr. No. 27, Pune - Satara Road, Dhankawadi,
Pune, Maharashtra - 411043

Department of Computer Engineering

CERTIFICATE

This is to certify that

Mr. / Ms. _____Jayashree Jadhav_____ has participated

in One Day Workshop on

"MICROPROCESSORS & 64 BIT ASSEMBLY LANGUAGE PROGRAMMING"

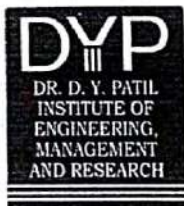(3rd February 2018)

Organized By

Department of Computer Engineering, PICT, Pune

Prof. S. S. Shinde
Coordinator

Dr. R. B. Ingle
Head, Dept. of Computer Engg.
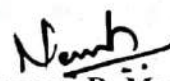
Dr. P. T. Kulkarni
Principal

Dr. D. Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune – 44
Department of Computer Engineering

FACULTY DEVELOPMENT PROGRAM
"LABORATORY PRACTICE - II"
(BE Computer Engineering 2015 Pattern)
(16th - 18th July 2018)

Certificate of Participation

This is to certify that Prof./Mr./Mrs./Ms…..NILAM DALVI……………………………of…BVCOEW, PUNE….participated in Faculty Development Program on **"Laboratory Practice - II"** held on 16th to 18th July 2018. The program was organized by Dr. D. Y. Patil Institute of Engineering, Management and Research, Pune in association with Board of Studies (BoS), Computer Engineering, Savitribai Phule Pune University, Pune.

Mr. Nareshkumar R. Mustary
Coordinator

Prof. P. P. Shevatekar
HOD Computer

Dr. Anupama V. Patil
Principal

CERTIFICATE OF PARTICIPATION

This is to certify that

NILAM DALVI

of

BVCOEW, PUNE

has participated in the **Faculty Development Programme** *on*

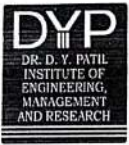LAB PRACTICE II

held on 16/07/2018 *at* DYPIEMR, AKURDI

Chandra Koduru
Head - Academic Interface Programme

MEETING OF MINDS

Dr. D. Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune – 44
Department of Computer Engineering

FACULTY DEVELOPMENT PROGRAM
"LABORATORY PRACTICE - II"
(BE Computer Engineering 2015 Pattern)
(16th - 18th July 2018)

Certificate of Participation

This is to certify that Prof./Mr./Mrs./Ms....NILAM DALVI....................................of..BVCOEW , PUNE....participated in Faculty Development Program on **"Laboratory Practice - II"** held on 16th to 18th July 2018. The program was organized by Dr. D. Y. Patil Institute of Engineering, Management and Research, Pune in association with Board of Studies (BoS), Computer Engineering, Savitribai Phule Pune University, Pune.

Mr. Nareshkumar R. Mustary
Coordinator

Prof. P. P. Shevatekar
HOD Computer

Dr. Anupama V. Patil
Principal

I C ³ A
2018

◆ IEEE
Pune Section

4ᵗʰ International Conference on
Computing, Communication, Control and Automation
(ICCUBEA—2018)

Technically Co-sponsored by : IEEE PUNE SECTION

Organized By

PIMPRI CHINCHWAD EDUCATION TRUST'S

PIMPRI CHINCHWAD COLLEGE OF ENGINEERING
(Pune, Maharashtra, India)

This is to certify that **Sayalee Deshmukh**

has presented the paper at the 4ᵗʰ International Conference on Computing, Communication, Control and Automation (ICCUBEA2018) organized by Pimpri Chinchwad College of Engineering, Pune, India on 16ᵗʰ - 18ᵗʰ August, 2018.

Dr. Anuradha Thakare
General Chair

Dr. Swati Shinde
General Chair

Dr. A. M. Fulambarkar
Principal, PCCOE

Certificate

This is to certify that

Sonali Kadam

successfully completed an **AICTE** approved Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Shital Jadhav

from Remote Center ID 1017

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on

Pedagogy for Online and Blended Teaching-Learning Process

conducted by Indian Institute of Technology Bombay
from September 14, 2017 to October 12, 2017

*(Online activity from Thursday 14 September 2017 to Thursday 12 October 2017 and
physical participation at Remote Center on 16, 17 September and 7, 8 October 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Anjali Kadam

successfully completed an **AICTE** approved Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

*(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Vinaya Kulkarni

successfully completed an **AICTE approved** Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

*(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Kanchan Warke

successfully completed an **AICTE** approved Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

*(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Jayashree Jadhav

successfully completed an **AICTE** approved Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

*(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Kavita Sawant

successfully completed an **AICTE** approved Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

*(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Nilam Dalvi

successfully completed an **AICTE approved** Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

*(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Shital Pawar

successfully completed an **AICTE approved** Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

*(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Kiran Yesugade

successfully completed an **AICTE** approved Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

*(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Sayalee Deshmukh

successfully completed an **AICTE approved** Faculty Development Programme (FDP101x) on

Foundation Program in ICT for Education

conducted by Indian Institute of Technology Bombay
from August 3, 2017 to September 7, 2017

*(Online activity from Thursday 03 August 2017 to Thursday 7 September 2017 and
Physical participation at Remote Center on 19 and 20 August 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Anjali Kadam

from Remote Center ID 1017

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on

Pedagogy for Online and Blended Teaching-Learning Process

conducted by Indian Institute of Technology Bombay
from September 14, 2017 to October 12, 2017

*(Online activity from Thursday 14 September 2017 to Thursday 12 October 2017 and
physical participation at Remote Center on 16, 17 September and 7, 8 October 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Vinaya Kulkarni

from Remote Center ID 1017

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on

Pedagogy for Online and Blended Teaching-Learning Process

conducted by Indian Institute of Technology Bombay
from September 14, 2017 to October 12, 2017

(Online activity from Thursday 14 September 2017 to Thursday 12 October 2017 and
physical participation at Remote Center on 16, 17 September and 7, 8 October 2017, together considered as a two-week equivalent FDP course)

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Kanchan Warke

from Remote Center ID 1017

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on

Pedagogy for Online and Blended Teaching-Learning Process

conducted by Indian Institute of Technology Bombay
from September 14, 2017 to October 12, 2017

(Online activity from Thursday 14 September 2017 to Thursday 12 October 2017 and
physical participation at Remote Center on 16, 17 September and 7, 8 October 2017, together considered as a two-week equivalent FDP course)

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Jayashree Jadhav

from Remote Center ID 1017

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on

Pedagogy for Online and Blended Teaching-Learning Process

conducted by Indian Institute of Technology Bombay
from September 14, 2017 to October 12, 2017

(Online activity from Thursday 14 September 2017 to Thursday 12 October 2017 and physical participation at Remote Center on 16, 17 September and 7, 8 October 2017, together considered as a two-week equivalent FDP course)

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Kavita Sawant

from Remote Center ID 1017

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on

Pedagogy for Online and Blended Teaching-Learning Process

conducted by Indian Institute of Technology Bombay
from September 14, 2017 to October 12, 2017

*(Online activity from Thursday 14 September 2017 to Thursday 12 October 2017 and
physical participation at Remote Center on 16, 17 September and 7, 8 October 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Nilam Dalvi

from Remote Center ID 1017

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on

Pedagogy for Online and Blended Teaching-Learning Process

conducted by Indian Institute of Technology Bombay
from September 14, 2017 to October 12, 2017

*(Online activity from Thursday 14 September 2017 to Thursday 12 October 2017 and
physical participation at Remote Center on 16, 17 September and 7, 8 October 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Shital Pawar

from Remote Center ID 1017

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on

Pedagogy for Online and Blended Teaching-Learning Process

conducted by Indian Institute of Technology Bombay
from September 14, 2017 to October 12, 2017

*(Online activity from Thursday 14 September 2017 to Thursday 12 October 2017 and
physical participation at Remote Center on 16, 17 September and 7, 8 October 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate

This is to certify that

Kiran Yesugade

from Remote Center ID 1017

successfully completed an AICTE approved Faculty Development Programme (FDP201x) on

Pedagogy for Online and Blended Teaching-Learning Process

conducted by Indian Institute of Technology Bombay
from September 14, 2017 to October 12, 2017

*(Online activity from Thursday 14 September 2017 to Thursday 12 October 2017 and
physical participation at Remote Center on 16, 17 September and 7, 8 October 2017, together considered as a two-week equivalent FDP course)*

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

Certificate of Excellence

to

Kiran Yesugade

from Remote Center ID: 1017

In recognition of his/her successful completion of the two 2-week **Faculty Development Programmes (FDPs)** on

Foundation Program in ICT for Education (FDP101x)

from August 3, 2017 to September 7, 2017

and

Pedagogy for Online and Blended Teaching-Learning Process (FDP201x)

from September 14, 2017 to October 12, 2017

conducted by Indian Institute of Technology Bombay

He/She is amongst the top 241 performers from a total of 5308 participants in the programme

This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

Prof. Deepak B. Phatak
Project and Course Coordinator
IIT Bombay

No. : ICT/2019 – 20/2648

Certificate

Awarded to

Deepali Godse

for having successfully completed the

Short Term Training Programme through ICT Mode on

NBA Accreditation

organized by this Institute

from **22.04.2019** to **26.04.2019** [duration: 1 Week]

R. Subba Rao

Programme Coordinator(s)

Academic Coordinator

Director

STATEMENT OF ACCOMPLISHMENT

HAS BEEN AWARDED TO

Ketaki Naik

FOR SUCCESSFULLY COMPLETING

Python for DevOps

DataCamp

David Peterson

HONOUR CODE
CERTIFICATE
Issued: 19 December, 2018

IITBX
Infinite Learning

CDEEP

Mugdha Arvind Rane

has successfully completed and secured grade **C** in

CS213.3x: Algorithms

an online course conducted from 13 March 2018 to 18 December 2018.

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

Ajit Diwan
Professor
Department of Computer Science
and Engineering, IIT Bombay

Ganesh Ramakrishnan
Professor
Department of Computer Science
and Engineering, IIT Bombay

Deepak B Phatak
(Retired) Professor
Department of Computer Science
and Engineering, IIT Bombay

Nagesh Karmali
Senior Manager (Research)
Department of Computer Science
and Engineering, IIT Bombay

The Honour Code is elaborated in https://www.iitbombayx.in/honour
*Authenticity of this certificate can be verified in https://certificate.iitbombayx.in/download/c4e785bfccbe48cb960683159904eadb/Certificate.pdf

SHIVAJI UNIVERSITY, KOLHAPUR

Faculty Development Centre

A MHRD Government of India Initative
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
(PMMMNMTT).

Faculty Development Program in Cyber Security
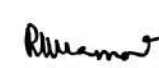
Certificate

This is to certify that,

Dr./Mr./Ms./Mrs. _Mugdha Rane_

of _BVP College of Engg for Women, Pune_ has

participated/Contributed in Faculty Development Program organized by Faculty Development

Centre in Cyber Security and Data Sciences hosted by Vishwakarma Institute of Information

Technology (VIIT), Pune conducted by FDC PMMMNMTT, during 5th March - 11th March, 2019.

Dr. S. R. Sakhare	Mrs. P. D. More	Dr. B. S. Karkare	Dr. K. S. Oza	Prof. (Dr.) R. K. Kamat
Local Coordinator	Local Coordinator	Director	Course Co-Coordinator	Coordinator

Roll No: NPTEL19CS08S11740265

To
MUGDHA RANE
C/O AMAR KUMBHAR, FLAT 8, PIYUSH VILLA
APT., SR. NO.73, NR RAJARAM GAS AGENCY
KATRAJ, PUNE
PUNE
MAHARASHTRA
411046
PH. NO :9960377521

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

No. of credits recommended by NPTEL:2

Elite

NPTEL Online Certification

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

This certificate is awarded to

MUGDHA RANE

for successfully completing the course

Programming, Data Structures and Algorithms

Using Python

with a consolidated score of **75** %

Online Assignments	24.63/25	Proctored Exam	50.625/75

Total number of candidates certified in this course: 3813

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19CS08S11740265

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

Elite

NPTEL Online Certification

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

This certificate is awarded to

SWATI SAGAR

for successfully completing the course

Foundations to Computer Systems Design

with a consolidated score of **60** %

Online Assignments	18.31/25	Proctored Exam	41.5/75

Total number of candidates certified in this course: **354**

A. Ramesh

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thang
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras
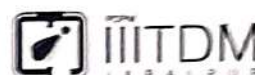
swayam
FREE ONLINE EDUCATION

Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women, Pune
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Electronics & ICT Academy PDPM IIITDM, Jabalpur
(An initiative of Ministry of Electronics and Information Technology Govt. of India)

IIITDM JABALPUR

In Association with
BoS-IT, Savitribai Phule Pune University

Faculty Development Programme on Android for Ubiquitous Computing

December 10-14, 2018

CERTIFICATE OF PARTICIPATION

This is to certify that *Mrs. Seema A. Hadke* from Bharati Vidyapeeth's College of Engineering for Women, Pune has attended and successfully completed the faculty development programme on Android for Ubiquitous Computing held from December 10-14, 2018, jointly conducted by Cummins College of Engineering for Women, Pune and Electronics and ICT Academy, PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur. His/her performance in the programme is satisfactory.

Dr. Dipti Patil
Coordinator
MKSSS's Cummins College of
Engineering for Women, Pune

Dr. Atul Gupta
Coordinator
Electronics & ICT Academy
PDPM, IIITDM, Jabalpur

Maharshi Karve Stree Shikshan Samstha's

Cummins College of Engineering for Women, Pune

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Electronics & ICT Academy PDPM IIITDM, Jabalpur

(An initiative of Ministry of Electronics and Information Technology Govt. of India)

IIITDM
JABALPUR

In Association with

BoS-IT, Savitribai Phule Pune University

Faculty Development Programme on Android for Ubiquitous Computing

December 10-14, 2018

This is to certify that *Ms. Ashwini D. Khairkar* from Bharati Vidyapeeth's College of Engineering for Women, Pune has attended and successfully completed the faculty development programme on Android for Ubiquitous Computing held from December 10-14, 2018, jointly conducted by Cummins College of Engineering for Women, Pune and Electronics and ICT Academy, PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur. His/her performance in the programme is satisfactory.

Dr. Dipti Patil
Coordinator
MKSSS's Cummins College of
Engineering for Women, Pune

Dr. Atul Gupta
Coordinator
Electronics & ICT Academy
PDPM, IIITDM, Jabalpur

CERTIFICATE OF PARTICIPATION

Roll No: NPTEL19CS31S41970059

To
SANDIP SHRIPATI THITE
SAHYADRI NIWAS, RADHAKRISHNA NAGAR
COLONY NO 01
BHOSARI
PUNE
MAHARASHTRA
411039
PH. NO :9850988672

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

No. of credits recommended by NPTEL:3

Elite

NPTEL Online Certification

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

This certificate is awarded to

SANDIP SHRIPATI THITE

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **79** %

Online Assignments	23.72/25	Proctored Exam	55.5/75

Total number of candidates certified in this course: **5439**

Jan-Apr 2019
(12 week course)

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

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION
swayam

Roll No: NPTEL19CS10S21740441

To NILOFAR MULLA
FLAT NO 15 BUILDING " I " KONARK POORAM
HSG SOCIETY, KONDHWA
PUNE
MAHARASHTRA
411048
PH. NO :9766462277

Proctored exam	Final score	Type of Certificate
>=10	>40	Successfully completed
>=23	>=60	Elite
>=33	>=75	Elite + Silver
>=43	>=90	Elite + Gold
* Both conditions have to be satisfied		

No. of credits recommended by NPTEL: 2

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

This certificate is awarded to

NILOFAR MULLA

for successfully completing the course

PROGRAMMING IN C++

with a consolidated score of   67   %

Online Assignments	23.25/25	Programming Exam	21.5/25	Proctored Exam	21.88/50

Total number of candidates certified in this course: 2143

A. Goswami

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur

Indian Institute of Technology Kharagpur

Jan - Mar 2019
(8 week course)

swayam

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA

(Established by the Ministry of Human Resource Development, Government of India)

Certificate

Awarded to

Nilofar Mulla

for having successfully completed the

Short Term Training Programme through ICT Mode on

NBA Accreditation

organized by this Institute

from **22.04.2019** *to* **26.04.2019** [duration: 1 Week]

R. Subba Rao

Programme Coordinator(s)

Academic Coordinator

Director

NPTEL Online Certification

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

This certificate is awarded to

KAMLESH PATIL

for successfully completing the course

Privacy and Security in Online Social Media

with a consolidated score of **45** %

Online Assignments	13.09/25	Proctored Exam	31.82/75

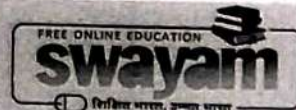Total number of candidates certified in this course: **525**

Dr. Anand Srivastava Ramanathan
Coordinator
Continued Education Program, IIITD

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY DELHI

FREE ONLINE EDUCATION
swayam

NATIONAL INSTITUTE OF
TECHNICAL TEACHERS'
TRAINING AND
RESEARCH, KOLKATA

(Established by the Ministry of Human
Resource Development,
Government of India)

No. : ICT/2019 – 20/26

Certificate

Awarded to

Avinash M Pawar

for having successfully completed the

Short Term Training Programme through ICT Mode on

NBA Accreditation

organized by this Institute

from **22.04.2019** to **26.04.2019** [duration: **1 Week**]

R. Subba Rao
Programme Coordinator(s)

Academic Coordinator

Director

No. : ICT/2019 – 20/2641

Certificate

Awarded to

Milind A Patwardhan

for having successfully completed the

Short Term Training Programme through ICT Mode on

NBA Accreditation

organized by this Institute

from **22.04.2019** to **26.04.2019** [duration: 1 Week]

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA

(Established by the Ministry of Human Resource Development, Government of India)

R. Subba Rao
Programme Coordinator(s)

Academic Coordinator

Director

MHRD's
Faculty Development Centre
(PMMMNMTT)
IQAC-Human Resource
Development Centre

Savitribai Phule Pune
University

This is to Certify that

Dr. Dhamal Sonali V., Assistant Professor at Bharati Vidyapeeth's College of Engineering for Women, Pune, affiliated to Savitribai Phule Pune University, Pune, has participated in Short Term Faculty Development Programme of one week (Seven Days) duration on Research Methodology in Science & Technology (Chemistry) conducted at the Department of Education and Extension, Savitribai Phule Pune University, Pune 411007 from 14/01/2019 to 20/01/2019 under the Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

COORDINATOR

DIRECTOR

REGISTRAR

19FDCRMST-I-11

Elite

NPTEL Online Certification

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

This certificate is awarded to

SANTOSH R MITKARI

for successfully completing the course

Engineering Mathematics - I

with a consolidated score of **83** %

Online Assignments	23.44/25	Proctored Exam	60/75

Total number of candidates certified in this course: **344**

A. Goswami

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

Jan-Apr 2019
(12 week course)

Indian Institute of Technology Kharagpur

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