



सत्यमेव जयते

INDIA NON JUDICIAL

Government of Karnataka

Rs. 500

e-Stamp

Certificate No. : IN-KA45119164080326Q  
 Certificate Issued Date : 14-Sep-2018 01:27 PM  
 Account Reference : NONACC (FI)/kaksfc08/ BELGAUM7//KA-BL  
 Unique Doc. Reference : SUBIN-KAKAKSFCL0828970247105114Q  
 Purchased by : THE REGISTRAR VTU BELAGAVI  
 Description of Document : Article 12 Bond  
 Description : AGREEMENT  
 Consideration Price (Rs.) : 0  
 (Zero)  
 First Party : THE REGISTRAR VTU BELAGAVI  
 Second Party : THE CEO EKLAKSHYA ACADEMY HUBLI  
 Stamp Duty Paid By : THE REGISTRAR VTU BELAGAVI  
 Stamp Duty Amount (Rs.) : 500  
 (Five Hundred only)

सत्यमेव जयते

Issued by  
Shri Arihant Credit Souhard Sahakar  
Ltd., Boragaon, Br, Belgaum

Authorized Signature



Please write on type below this line

**AGREEMENT**

This Agreement is executed at Belagavi on this 5<sup>th</sup> day of October, 2018  
**BETWEEN** Visvesvaraya Technological University "Jnana Sangama",  
 Belagavi represented by Registrar Dr. H N Jagannatha Reddy,  
 Hereinafter referred to as the "First Party" (Which expression shall where  
 the context requires or admits mean and include its successors, legal  
 representatives, administrators and assigns)

*Pooj...*

For EKLAKSHYA ACADEMY LLP

AND

Page 1 of 7

Registrar, VTU, Belagavi

*Judy*

**DESIGNATED PARTNER**

1. The authenticity of this Stamp Certificate should be verified at "www.shclsestamp.com". Any discrepancy in the details on this Certificate should be available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

REGISTRAR  
Visvesvaraya Technological University  
BELAGAVI - 590 018.

**ekLakshya Academy represented by its Founder & CEO Ms. Poornima Mohanachandran Add: C-Lite Building, BVB Campus, Vidyanagar, Hubli-580031, Karnataka. Herein after referred as the "Second Party"** (Which expression shall where the context requires or admits mean and include his successors, legal representatives, administrators and assigns).

**WHEREAS** the First Party is the technological university established by the Government of Karnataka in Belagavi and it is having affiliation of the 210 engineering colleges, Post Graduation Centres and National Academy for Skill Development (VTU-NASD) in Karnataka.

**AND WHEREAS** the Second Party is the EkLakshya Academy LLP is a premier education and training company engaged in education and training programs in the domains of VLSI Design, Embedded Systems and Software Engineering for Corporates as well as for educational institutions.

**AND WHEREAS** the First Party is the absolute owner of the premises of VTU-NASD, Dandeli where the facilities to conduct internet of things (IoT) training "Sensor to Cloud" have been arranged in the above referred premises.

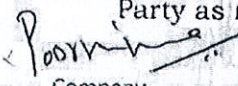
**AND WHEREAS** the Second Party is the premier education and training company which has agreed to provide IoT training "Sensor to Cloud" in the premises of VTU-NASD, Dandeli for BSc/BCA/Diploma and B.E/B.Tech students of CSE, ISE, ECE and EEE background. Students of other branches (Mechanical, Civil) can also attend provided they meet the pre requisites as mentioned in section 3.a)

The First Party has agreed to provide schedule premises to Second Party under certain terms and conditions as enumerated below.

In pursuance of the above this agreement has been executed with the following terms and conditions.

**NOW THIS AGREEMENT IS WITNESSETH AS UNDER:**

1. The First Party is having a scheme of skill development under the guidance of ministry of skill development, Government of India. The First Party is providing the following facilities to the Second Party.
  - a) Class Rooms with Wi-Fi connectivity and LCD projector for Training.
  - b) Computer Laboratory consisting of desktop with Windows XP/Windows 7/Windows 8/Windows 10
  - c) Software infrastructure
  - d) Internet connection
  - e) Power supply with UPS Back-up
  - f) Lodging and boarding facility for required students
  - g) Advertisement and public notice for admission
  - h) Collection of Training fees from the students and handover to Second Party as mentioned in clause no: 7.

  
Company  
**For EKLAKSHYA ACADEMY LLP**

Page 2 of 7

  
Registrar, VTU, Belagavi 581121

**DESIGNATED PARTNER**

2. The Second Party shall arrange the following facilities to the First Party:

- a) The second party shall provide a summary of the overall scope and pricing associated with delivery of Internet of Things training program titled "Sensor to Cloud".
- b) Development Kit for conducting the course.
- c) The training program shall consist of the following four parts.

1.1 Pre-classroom Preparation

Participants are required to have desktops or laptops with necessary setups and these are listed in Section 4 Hardware/Software resources. This will also have the participants go through pre training assessment which will be done online. These steps are to ensure the classroom session is leveraged well.

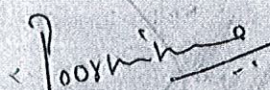
1.2 Classroom Sessions [12 weeks]

Here, participants will get introduction to NodeMCU, a prototyping platform with exposure to key aspects of NodeMCU hardware and software. Details on Basic electrical components, NodeMCU Hardware and software, sensors, actuators and overview of IoT Cloud platforms along with creating an IoT device that pushes data to IoT cloud will be covered. There will be minimal theory sessions and extensive hands-on lab sessions to reinforce the learning. At the end of the this classroom, participants must get comfortable with NodeMCU programming environment, related hardware/software, IoT cloud platforms and be able to create simple IoT Devices. ekLakshya intends to make the classroom session as hands-on as possible so that the participants learn by doing rather than learn by listening.

During the session, several exercises will be provided to make the participants comfortable with hardware and software tools and technologies. The expectation from the participants is to be highly interactive and engaging. There will be brainstorming sessions, quizzes and exercises to make the workshop interesting.

1.3 Post-classroom projects

The effectiveness of training significantly improves when the participants continue the learning after the workshop session. To ensure that the participants reinforce their learning after the classroom session, participants will be guided on projects that will be executed individually or as a group. Technical help will be provided for the execution of these projects. The duration of this part is expected to take about 12 weeks.

  
Company  
**For EKLAKSHYA ACADEMY LLP**

**DESIGNATED PARTNER**

  
**REGISTRAR**  
Visvesvaraya Technological University,  
BELAGAVI - 590 018.

Page 3 of 7

  
Registrar, VTU, Belagavi

**DESIGNATED PARTNER**

One of the facilitators will visit the VTU-NASD, Dandell campus to review the project activities. A review of 20 projects can be done per day. In addition to projects, monthly online quizzes [3 quizzes] on topics taught in the classroom will be conducted. At the end of the three-part training program, it is expected that the participants will be fairly comfortable in creating IoT Device proof-of-concepts and get ready for the prototype development. They will be familiar with NodeMCU platforms, key sensors and chosen cloud platforms.

#### 1.4. Communication Skills and soft skill sessions

The training would include 7 hours per week dedicated to communication skills and soft skill development. These sessions would cover Communication skills, Business email etiquette, Psychology of the winner, Time Management, Emotional Quotient, Creative & Critical Thinking and Presentation skills and individual coaching sessions as needed.

#### 1.5. Classroom Session Outline.

The following is the proposed outline of the classroom.

Topic	Details	Schedule
C Programming [Revision]	Problem Solving and Algorithm Writing(PSAW)Flow Charts, History of 'C' programming language Introduction to C Programming Language, Advantages of 'C', Constants and Variables, I/P and O/P Operation, Data Types, Operators and Expressions, Control Statements Loop Control Structures, Arrays, Strings Functions, Structures and Unions, Pointers, Linked Lists	
Introduction to Python Programming	Identifiers ,variables and assignments Receiving inputs Importing modules Data Types Operators Strings Lists Tuples Dictionary Decision making and Loops Functions Class	
Introduction to IoT Architecture	IoT Ecosystem. IoT Devices, Communication hardware and software,. Cloud platforms. IoT Product examples, Session Quiz	
Introduction to NodeMCU	NodeMCU Basics. Hardware and software features. Pin Outs	
Digital Pins	Getting comfortable with NodeMCU digital Pins. LED blinking programs. Multiple LED blinking.	

Sensor Refresher Sensors	Basics of sensors Types of sensors, Sensor Characteristics. Sensor theory Overview of sensors, their types and applications. Sensor theory. Sensor characteristics. Examples of basic sensors such as temperature and light sensors. IoT products examples using sensors, Interfacing basic sensors with NodeMCU. Session Quiz	
Sensor Interfacing with NodeMCU Circuit development	Connecting sensors to NodeMCU environment. Reading values from sensors and displaying over serial interface. Hands on session where participants will connect sensors with NodeMCU and print the values. Session Quiz Continued work on circuits, io	111
Actuators NodeMCU- Prototyping platform for IoT	Actuation with LED, buzzers. Interfacing with LCD. Interfacing with motors. Sensing and actuation combined, Hands on exercises. Session Quiz NodeMCU module. Hardware overview. Integrated development environment. NodeMCU Pin-out. Practice sessions where participant will create basic circuits using NodeMCU. Session Quiz	
Node MCU WI-Fi Basics. Connectivity	Node MCU Wi-Fi hardware and software. Connectivity basics. TCP/IP protocol. Creating a web server	
Creating an IoT Device	Sensing with NodeMCU and sending to Thing Speak using Wi-Fi. Practice session. Session Quiz	

2. The second party shall provide Facilitators who are competency to impart the training. The training will be conducted by senior professionals with industry experience and lab will be supported by ekLakshya Learning Enablers. The unique feature of the program is building the theoretical base, hands-on technical skills along with behavioural skills all of which are critical in building a career.

The First party shall not be responsible for the behaviour, conduct or any miss deeds of the facilitators and any other staff of the second party and they shall not claim anything including any monetary benefits from the first party.

3. The participants who are enrolling in the programme shall have the following prerequisites:

- a) Each participant must have background of programming. C/C++ exposure will be preferred. They must be able to write programs, compile them and run them.

For **EKLAKSHYA ACADEMY LLP**  
DESIGNATED PARTNER

Page 5 of 7

**REGISTRAR**  
Visvesvaraya Technological University,  
BELAGAVI - 590 018.

Registrar, VTU Belagavi

DESIGNATED PARTNER

- b) Suggested Audience are those who have completed BSc/Diploma/BCA or B.E/B.Tech in CSE, ISE, ECE and EEE.
- c) Students of other branches (Mechanical, Civil) can also attend provided they meet the pre requisites as stated in section 3.a) and should have interest in software development.

4. Hardware and Software Resources.

- a) The first party shall provide required Desktops/Laptops to students to conduct the course.
- b) That second party shall provide development kit and online account for each participant in ThingSpeakcloud platform and also pre load Arduino IDE at the link into the system.

c) Number of Participants

That a maximum of 25 participants shall make the program effective. Participants are expected in groups of 2 for doing the exercises as part of the classroom forming 10-12 project teams with one Learning Enabler to make project teams and plan project reviews.

5. The second party shall also have the following Responsibilities

- a) Selection of Trainees [written test and Interview]
- b) Creating, conducting and evaluating online quizzes.
- c) Conducting classroom session at the College campus.
- d) Selection of project topics.
- e) The oral presentation and demo of the project shall be reviewed.
- g) Two job interviews per trainee.

6. Certification

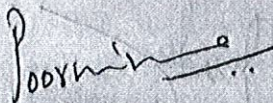
The First party shall issue a certificate to all participants who fulfil the criteria which is described below

- a) Successful Completion of pre session assignment
- b) Active participation in 12 week onsite classes.
- c) Project presentation/participation in reviews
- d) Successful Completion of 3 online quizzes

7. The first party shall collect fees from each student for providing the training on the course and issuing the course completion certificate. The course fees are as under:

- a) Rs.25,000.00 per student who has Diploma/BCA/B.Sc background.
- b) Rs.30,000.00 per student who has B.E/B.Tech background.

That out of the above fees collected, The First Party shall pay a sum of Rs.22,500.00 (Rupees Twenty Two Thousand Five Hundred only) for each Diploma/BCA/B.Sc student and Rs. 25,000.00 (Twenty Five Thousand only) for each B.E/B.Tech student to the second party after deducting all applicable taxes.



Company

**For EKLAKSHYA ACADEMY LLP**

**DESIGNATED PARTNER**

Page 6 of 7



Registered, VTU, Belgaavi

**DESIGNATED PARTNER**

## 7.1 Payment Terms

- a) That First party shall pay the above said amount of Rs.22,500.00 (Rupees Twenty Five Thousand Sixteen only) and Rs.25,000 (Twenty Five Thousand only) in three instalments each on before 5<sup>th</sup> of each month after deducting all applicable charges.
- b) Payment to be made via direct electronic transfer as per below details.
- c) Online bank transfer/cheque issue can be done in the name of "EKLAESHYA ACADEMY LLP" Account No.: 916020038798827, Bank Name: Axis Bank, Branch: Banashankari, IFSC code UTIB0000102
- d) This agreement is valid for a period of 12 months from the date of signing of this agreement.
- e) This agreement may be renewed for further period of 12 months with the terms and condition to be agreed thereon for the purpose of the conducting the program.
- f) Nothing in the agreement is intended to, or shall be deemed to, any partnership or joint venture between the parties and authorized any party to make or enter in to any commitments for on or behalf of any other party.

## 8. Dispute

In the event of any dispute between the parties, the same shall be settled amicably. In case the dispute is not settled amicably then the same shall be referred to a single arbitrator who is appointed with consent of both the parties. The award of arbitrator is final and binding on both the parties. The language of the arbitration shall be in English and place of the arbitration shall be in Belagavi.

This agreement is in two original copies and the respective parties shall retain the one of them.

IN WITNESS WHEREOF the parties have subscribed their respective signatures on this agreement on the day and the day herein above mentioned.

WITNESSES:

Uday Rayaraddi  
*Uday*

*[Signature]*  
The Registrar, VTU, Belagavi  
**(First Party)**

*[Signature]*  
ekLakshya Academy represented  
by its CEO Ms. Poornima  
Mohanchandran.  
**(Second Party)**

