



3.7.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

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**Principal**  
**Chaitanya Bharathi Institute of Technology**  
**(Autonomous)**  
**Gandipet, Hyderabad-500 075.**

## Memorandum of Understanding

This Memorandum of Understanding (MOU) is signed on 24<sup>th</sup> December 2019 in Hyderabad, Telangana

### **BETWEEN**

**M/S ATLAS EDUCATION CONSULTANTS PVT LTD**, a Company incorporated under the Indian companies Act 1956, having its Registered Office at D.No: 3-5-1092/5/F, Narayanguda, Hyderabad 500029, Telangana, India Represented by its Managing Director Mr Nishidhar Reddy Borra (hereafter referred to as "**Company**") which term shall unless repugnant to the context mean and include its Successors-in-interest and permitted Assignees) of the ONE PART

### **AND**

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY**, a Premier Autonomous Engineering College, located at Hyderabad, Represented by its Principal Dr.P Ravinder Reddy, (hereafter referred to as "**Institute**") which term shall unless repugnant to the context mean and include its Successors-in-interest and permitted Assignees) of the SECOND PART: each a "Party" and collectively the "Parties"

### **WHEREAS**

The Company is an Authorized Representative of Universities in Australia, Canada, New Zealand, United Kingdom and United States of America with over 18 years of experience. The Company is desirous of providing International Education and Career guidance to Students of the Institute. This Service will help Students to understand the opportunities available to them to pursue their Higher Education abroad

### **AND**

The Institute recognizes and accepts that the guidance will facilitate unbiased dissemination of Information to those Students desirous of pursuing International Education abroad during / post completion of Engineering Education at the Institute

Now, therefore, both the "Company" and "Institute" agree as follows:

### **Statement of Intent**

Through this Memorandum of Understanding, both the "Company" and "Institute" intends to facilitate Collaboration and Cooperation in area of mutual interest for the purpose of enhancing access to Higher Education Internationally. Each Party intends to learn from the other Party, in a Spirit of Friendship, Equality, and Mutual interest

### **Scope**

Each Party agrees to give due consideration to any request to Collaborate and Cooperate on any of the following areas:

- On Campus Helpdesk (5 days a week. 10.30am to 5.00pm)
- International short term image development Programs
- International Universities Admission Guidance / Spot Admission and Scholarship interviews
- Arranging exclusive Merit Scholarships for CBIT Students for Higher Education abroad
- Scholarships Tests, English Language Tests and Application process
- Conduct Study Tour and Student Exchanges
- Other such activities as may be mutually agreed upon

### **Activity Agreements:**

The Parties shall only undertake joint activities pursuant to a jointly Authorized Contract, signed by all Parties .

Duration:

This agreement takes effect on the date both the Parties have signed for an initial period of 1 year, renewed or terminated thereafter under mutual consent

### **Exclusivity**

The "Institute" agrees to extend an Exclusive Agreement for the countries of Australia, Canada, New Zealand, United Kingdom & United States of America to Atlas Education Consultants Pvt Ltd for all mutually agreed activities. Before approving any of the similar providers, the College will inform and give preference to Atlas Education Consultants for conducting any other relative activity

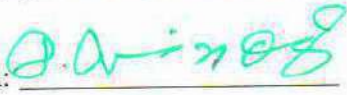
**Modification and Termination:**

This Agreement will become effective when signed by both Parties. The Agreement will remain in effect for one (1) year from the Signature Date and may be renewed or amended by mutual Agreement of the Parties. The Parties agree to periodically review the activities undertaken and the progress made and to consult concerning Amendments, Renewal or Termination of this Agreement. Either Party may terminate this Agreement at any time by providing written notice of such termination to the other Party.

**Signature and Notices:**

Accepted and Agreed

**Chaitanya Bharathi Institute of Technology**

Signed: 

Dr.P Ravinder Reddy **Principal**

Principal

Date \_\_\_\_\_ **Chaitanya Bharathi Institute of Technology**

**(Autonomous)**

Accepted and Agreed **Gandipet, Hyderabad-500 075**



**Atlas Education Consultants Pvt Ltd**

Signed: 

Nishidhar Reddy Borra

Managing Director

Date: 24 - Dec - 2019



Witness:

1). Dr.NLN Reddy, Director - CDC



తెలంగాణ తెలంగాణా TELANGANA

P 407159


Sr. No. (525) Date: 25.05.2018 Value: 100/-  
Purchaser U. MAR REDDY  
S/o U.C. Reddy R/o. Hyd  
For Whom PRINCIPAL, CBIT, HYDERABAD

K. NAGARAJAMANI  
Licenced Stamp Vendor  
LIC:16-11-46/99, Ren.No. 16-11-16/2017  
# 59/A, Kushal Towers, Khairatabad  
Hyderabad (South) District.  
Mobil No. 9885096145 /9848299475

**Memorandum of Understanding**  
between  
**Telangana State Council of Science & Technology (TSCOST)**  
**Environment, Forests, Science & Technology Department**  
**Government of Telangana**  
and  
**Chaitanya Bharathi Institute of Technology (A), Telangana State**  
on  
**Cooperation in Science, Engineering, Management & Innovation**

Telangana State Council of Science & Technology (TSCOST), Hyderabad, Telangana State  
And Chaitanya Bharathi Institute of Technology (A), Hyderabad, Telangana State  
(Herein after referred to as "the Participants"),

  
(Prof. Ravi Kumar PulI)  
MEMBER SECRETARY  
TSCOST, HYDERABAD  
Date: 20-12-2019  
Member Secretary  
Telangana State Council of Science & Technology  
Hyderabad

  
(Prof. P. Ravinder Reddy)  
Principal  
CBIT (A), HYDERABAD  
Date: 20-12-2019

TSCOST & CBIT - MoU

WITNESS :-  
20/12/2019  
CP SKINNAS



**CONSIDERING** the importance of science, technology and innovation in their economic and social development;

**RECOGNIZING** that both Participants are carrying out research, science and technology, and innovation activities in areas of common interest, and that joint participation in carrying out research activities on a reciprocal basis will be mutually beneficial;

**SEEKING** to facilitate further cooperation in research, science and technology, and innovation that expands and strengthens the implementation of cooperative activities in areas of priority to both the Participants and promotes the application of the results of this cooperation for the benefit of the development of both the Participants;

**HAVE REACHED** the following understanding:

### I. OBJECTIVES

1. To expand and deepen cooperation in science, technology and innovation through exchange of institutional experience, researchers and resources for the purpose of promoting sustainable growth, quality of life and equity.
2. To support and strengthen cooperative capacities in research and development (R&D) and to initiate and take up multi-sectoral, multi-organisational projects in the areas of science, technology, innovation and research with support from Government of Telangana, Government of India, United Nations and their constituent Departments/ Organisations in order to achieve transfer of technologies from lab to land and to solve location specific problems through Science & Technology Interventions in the State of Telangana.
3. To enrich the knowledge of people from different walks of life on the applications of Science & Technology in everyday life as well as the ill-effects of Superstitions.

### II. PRINCIPLES

The cooperative activities will be carried out under the principles of:

1. Mutual benefit;
2. Reciprocal and timely exchange of information on technological R&D and innovation activities within the jurisdiction of each Participant


  
(Prof. Ravi Kumar Puli)

MEMBER SECRETARY

TSCOST, HYDERABAD.

Date: 20-12-2019  
Member Secretary

Telangana State Council of Science & Technology  
Hyderabad.

  
(Prof. P. Ravinder Reddy)

Principal


CBIT (A), HYDERABAD

Date: 20-12-2019



TSCOST & CBIT - MoU

WITNESS:

  
20/12/19  
C.P. Srinivas  
CBIT

### III. AREAS OF COOPERATION

1. Major cooperative activities will be centered in the areas mentioned below.
  - a) Joint R&D projects in the priority areas mutually established by both Participants
  - b) Coordination of Visits by, and exchanges of, scientists and technical experts, or academic specialists, including students and research scholars.
  - c) Joint organization of seminars, conferences, congresses, workshops and symposiums and support each other for these programs.
  - d) Transfer of technologies from lab to land
  - e) Science & Technology Interventions to solve location specific problems
  - f) Dissemination of results and exchange of experience with respect to joint projects.
  - g) TSCOST will extend research guidance in the areas of Science, Engineering, Technology & Management and will give guidance to UG, PG and Ph.D. scholars of Chaitanya Bharathi Institute of Technology (A).
  - h) Any other form agreed upon by the Joint Implementation Committee that takes into account the applicable policies and procedures in both Participants.
2. The Participants will also consider additional projects in other priority areas on recommendation of the Joint Implementation Committee established under this MoU.
3. The Participants may carry out joint cooperative activities with third parties in these and other areas.
4. The Participants will promote the participation of scientific and technological R&D entities in the cooperative activities under this MoU.

### IV. COORDINATION AND FACILITATION OF COOPERATIVE ACTIVITIES

1. The Member Secretary, TSCOST, Hyderabad will coordinate, facilitate and implement the cooperative activities carried out under this MOU by TSCOST. The Principal, CBIT(A) will coordinate, facilitate and implement the cooperative activities carried out under this MoU by Chaitanya Bharathi Institute of Technology (A).

  
(Prof. Ravi Kumar Puli)

**MEMBER SECRETARY**  
**TSCOST, HYDERABAD**

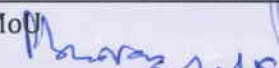
Date : 20-12-2019

Member Secretary


Telangana State Council of Science & Technology  
Hyderabad

TSCOST & CBIT - MoU

WITNESS:

  
C.P. SARIN  
PRO, TSCOST




  
(Prof. P. Ravinder Reddy)

**Principal**  
**CBIT(A), Hyderabad.**

Date : 20-12-2019



  
S. CHANDRA  
WITNESS

2. The Participants will create a Joint Implementation Committee for the scientific and technological cooperation known as the "Joint Committee" consisting of, on the part of TSCOST, the Member Secretary, Project Director, and the concerned officers from TSCOST and, on the part of Chaitanya Bharathi Institute of Technology (A), the Principal, Directors, Heads of various Departments and Directors of RDC & I&E cells. Both the Member Secretary, TSCOST and the Principal, Chaitanya Bharathi Institute of Technology (A) will nominate the Officers/ Academicians / Experts to the Joint Committee.
3. The decisions of the Committee will be taken by consensus.
4. The functions of the Joint Committee will be:
  - a) To promote, coordinate and monitor the cooperative activities under this MoU.
  - b) To consider the addition of other areas of priority to both TSCOST and Chaitanya Bharathi Institute of Technology(A)
  - c) To promote meetings between TSCOST and CBIT(A) to study and develop projects of common interest in areas of priorities of both TSCOST and Chaitanya Bharathi Institute of Technology (A).
  - d) To monitor the effective functioning and execution of this MoU.
5. As a general rule, the Joint Committee will meet in TSCOST and Chaitanya Bharathi Institute of Technology (A) on alternating basis once in 6 months or at other mutually decided upon intervals.


#### V. FINANCING

1. Financing of the projects/ programs/ meetings/ activities arising out of this MoU will be as follows :
  - a) The Participants will identify the institutions, mechanisms and appropriate sources for the financing and administration of expenditures related to this MoU.
  - b) The cooperation activities will be subject to the availability of adequate funds and will adhere to the regulations, policies and programs applicable.

#### VI. INTELLECTUAL PROPERTY RIGHTS

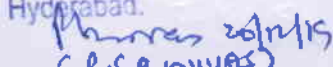
The Participants intend to maintain the appropriate measures to protect the intellectual property rights arising as a result of the projects and cooperative activities carried out under this MoU.

  
 (Prof. Ravi Kumar Puli)  
 MEMBER SECRETARY  
 TSCOST, HYDERABAD  
 Date: 20-12-2019  
 Member Secretary

  
 (Prof. P. Ravinder Reddy)  
 Principal,  
 CBIT(A), HYDERABAD.  
 Date : 20-12-2019

TSCOST, Telangana State Council of Science & Technology  
 Hyderabad.

WITNESS:

  
 P. S. SRINIVAS  
 PRO, TSCOST





## VII. DISPUTE RESOLUTION

Any dispute with respect to the interpretation or implementation of this MoU will be amicably resolved through consultation and dialogue between the Participants and will not be referred to third parties for resolution.

## VIII. LEGAL FRAMEWORK AND OBLIGATIONS

The Participants understand that:

- a) The intention of this MoU is not to create legally binding commitments between the Participants in either domestic or international legislation, and
- b) This MoU does not eliminate pre-existing arrangements or MoUs between the Participants or MoUs between other government agencies, scientific institutions, universities and industries.


## IX. WORK PLAN

The Participants have decided to establish a Work Plan that will include programs and projects in the areas of interest set out in this MoU, for which purpose, the participants have decided to nominate the Academicians/ Officials/ Experts as members of the Joint Committee and hold the meeting of the Joint Committee, immediately thereafter.

## X. ENTRY INTO EFFECT

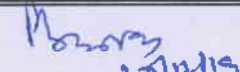
1. This MoU will be in force from the date of the signature by Member Secretary, TSCOST, Hyderabad and Principal, Chaitanya Bharathi Institute of Technology (A), Hyderabad.
2. This MoU will remain in effect for Three ( 3 ) years from the date of its entry into effect and may be renewed for an equivalent period with the consent in writing of both Participants.
3. The Participants may amend or expand this MoU by mutual agreement by means of a proposal in writing. Either Participant may suspend this MoU at any time with ninety (90) days' notice in writing to the other Participant.
4. Suspension of this MoU will not affect the implementation of any existing project between the Participants.

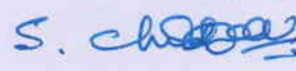
  
( Prof. Ravi Kumar Puli )  
MEMBER SECRETARY  
TSCOST, HYDERABAD  
Date : 20-12-2019  
Member Secretary  
Telangana State Council of Science & Technology  
Hyderabad.

  
( Prof. P. Ravinder Reddy )  
Principal,  
CBIT(A), HYDERABAD.  
Date : 20-12-2019



TSCOST & CBIT - MoU  
WITNESS:

  
( P. Srinivas )  
PFO, TSCOST

  
Witness.

## Memorandum of Understanding (MOU)

This Memorandum of Understanding executed on the day **29<sup>th</sup> of November 2019** between

(1) **KernelSphere Technologies Pvt Ltd.** party of the first part.

(2) **Digintrude InfoSec Pvt Ltd** party of the second part.

Having its head office at 611, Manjeera Majestic hereafter called as **KernelSphere & Digintrude**

AND

**Chaitanya Bharathi Institute of Technology, CBIT(A)** Gandipet, Hyderabad - 500075. party of the third party.

The Parties wish to collaborate with each other in Area of Internet of Things and Cybersecurity for Incubation/Training/Internship and other joint collaborative efforts for the benefit of **CBIT (A)** Students and Faculty.

**The Parties hereby agree to the following criterion: -**

- **KernelSphere** will Setup **IoT Lab** with their Devices in the space facilitated by **CBIT (A)** as **COE**. **KernelSphere & CBIT(A)** will work continuously towards bringing new use cases to **IOT-COE** from time to time.
- **KernelSphere** will Share Industrial Project Experience to Students (Trained in **IoT - COE**) which will guide and help them choose Projects after Training.
- Students completing Training and Projects as per the guidelines and based on the Merit, **KernelSphere** will offer such students Internships across India on their Projects.
- **KernelSphere** Will Pay Minimum Allowances for Interns to stay in Project Location.
- **KernelSphere** will extend their technical expertise for incubating Companies setting up their facility at **CBIT(A)** Incubation Centre.
- **KernelSphere** and **CBIT(A)** can collaborate for successful Products to offer Clients to Execute their Projects.
- **KernelSphere** along with **CBIT(A)** will upgrade Technologies on **Lora** and **NB - IoT** through **COE**
- **CBIT(A)** will provide space for Lab **COE / Incubation Space** to **KernelSphere**.
- **CBIT(A)** will Provide interested students to **IOT Training** by **IOT-COE** established by **KernelSphere**.
- All internship formalities for outstation Candidates will be Taken care by **CBIT(A)**
- Any cost included for any Technologies other than **IOT & Cyber Security** Which **CBIT (A)** would like to Implement will be borne by **CBIT(A)**. Re-estimated projects will be grounded by **KernelSphere** for approval from the estimated budgets will be provided by **KernelSphere** for approval from the board.

**Digintrude** can Provide their Expertise in **Cybersecurity** Training and Internships to Students through **IOT-COE/Incubation R & D Lab**.  
[www.kernelsphere.com](http://www.kernelsphere.com)



- **Digintrude** will help to conduct workshops on Cyber Security Use cases.
- **Digintrude** will help Trained **Cybersecurity** Students to Align with **Cybersecurity** Companies or COE for **Cybersecurity @Hyderabad** Established by **Data Security Council of India (DSCI)** & Govt of Telangana.
- **KernelSphere** and **Digintrude** along with **CBIT(A)** will work towards educating students from 2<sup>nd</sup> year to 4<sup>th</sup> year in IoT/Cybersecurity with sound practices towards skilled Human Resource Talent pool ready for Industry.
- **KernelSphere** Will Guide **CBIT(A)** to evolve as Lora IOT enabled Campus at mutually agreed cost and help college and students to reap mutual benefits of IoT implementation in cost savings and towards Student Research projects.
- **CBIT(A)** will provide All support and facilities to **KernelSphere** & **Digintrude** to Achieve Set goals for IoT and **Cybersecurity technologies**.
- Digintrude will Help **CBIT(A)** implement **Cybersecurity** Measures for their internal System to be Cyber secured Complaint in 4 months period.
- **KernelSphere** and **CBIT(A)** together will help to Achieve **CBIT(A)** their digital Marketing entity for the implementation of **IoT** and **Cybersecurity** projects to clients.

IN WITNESS WHEREOF, the Parties have executed the Memorandum of Understanding by their Authorized Representatives in the presence of the following Witnesses out of their free will and consent without any coercion or undue influence on **November 29, 2019**.

Signed for and on behalf of "**KernelSphere / Digintrude**" through its Authorized Representatives

Name: **Vinod Kumar**

Designation: **CEO & Co Founder KernelSphere**

**WITNESS**

In the presence of.

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Signed and delivered on **November 29, 2019**.

By the within named "**Chaitanya Bharathi Institute of Technology**", Gandipet 500 075, Hyderabad) through its Authorized Representative.

Name: **Dr.P.Ravinder Reddy**

Designation: **Principal**

**WITNESS**

In the presence of **Dr.A.D.Sharma** R. R. (Dist.)  
Director R&D

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Signed and delivered on November 29, 2019.





**Chaitanya Bharathi Institute of Techonology, Hyderabad**  
**Kernel Sphere, Hyderabad**

**Project Title:**

**CBIT GPS TRACKING PROJECT**

**Prepared by**

**Smt G.Vanitha, *Asst Prof CSE Dept CBIT***

**Checked by**

**Approved by**



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**41**  
years

## **CBIT GPS TRACKING PROJECT- DOCUMENT**

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- **Brief Description of the Project/System**

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- 3. Development of subsystems:**
- 4. Modeling of the system**
- 5. Quality testing**
- 6. Integration and Implementation:**
- 7. Performance evaluation**

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## **1.0 Project Summary**

CBIT GPS TRACKING Project is an IOT & Artificial Intelligence based project in Collaboration with Kernel Sphere. The project was initiated under COE, as a part of the MOU with Kernel Sphere for the IOT activities. The major objectives of the project are to develop an application for tracking of the CBIT Buses and providing the solution platform by implementing GPS Tracking solution with the help of IOT and AI.

### **1.1 Title of the Project**

The title of the project is **CBIT GPS TRACKING PROJECT**

**1.2 Project Coordinator & SPOC** : Ms G.Vanitha, Asst Prof, CSE Dept.

Industry Coordinator : Mr. Vinod, Kernel Sphere

Mr. Krishna, Mohan Kernel Sphere

**1.3 Project Leader & Team from CSE** : Ms.G.Kavitha CSE, CBIT

Dr Sangeethe Gupta, CSE, CBIT

Ms G.Mamatha CSE CBIT.

**1.4 Project Leader & Team from IT** : MS M.Trupthi IT,CBIT

MR Rajesh Kannan K, IT CBIT

**1.5 Project Leader & Team from MCA** : Dr. B. Indira ,MCA CBIT

**1.6 Project Leader & Team from ECE** : Mr.Mallikarjun Rao, ECE, CBIT

Dr NaraharaShasri , ECE CBIT.

**1.7 Project Leader & Team from EEE** : Dr. N. Vasantha Gowri , EEE, CBIT

## 1.8 Students involved in the Project

### CSE List of students:

S.No	Name	Roll no	Section	Contact num	Mail Id
1	Sisira	16017733020	CSE1 (VI SEM)	9030403528	ugs17020_cse.sisira@cbit.org.in
2	Rakshitha	16017733017	CSE1 (VI SEM)	9966142099	ugs17017_cse.sairakshitha@cbit.org.in
3	Shiva Kumar	160117733172	CSE3 (VI SEM)	8317556159	ugs17172_cse.shiva@cbit.org.in
4	Susmitha	160117733142	CSE3(VI SEM)	8639514228	ugs17142_cse.susmitha@cbit.org.in
5	Kousthubha Krishna	160117733157	CSE3(VI SEM)	9182200436	ugs17157_cse.kousthubha@cbit.org.in
6	Charithesh	160117733149	CSE3(VI SEM)	8247237868	ugs17149_cse.charithesh@cbit.org.in

### IT List of Students:

S. No	Name	Roll no	Section	Contact num	Emaild
1.	E. Preethi Vardhan	160117737102	IT-2(3/4)	7995507396	ugs17102_it.preethi@cbit.org.in
2.	Moksh Jain	160117737098	IT-2(3/4)	8897202300	ugs17098_it.moksh@cbit.org.in
3.	Chidura Shiva Jyothi	160117737021	IT-1(3/4)	8639937564	ugs17021_it.shivajyothi@cbit.org.in
4.	M.Ameer Uddin	160117737090	IT-2(3/4)	8187865969	ugs17090_it.ameer@cbit.org.in
5.	Pavan Kalyan	160117737100	IT-2(3/4)	9110319657	ugs17100_it.pavan@cbit.org.in

### MCA List of Students:

S. No	Name	Roll no	Section	Contact Num	Mail id
1.	B. Arun Kumar	160118862006	IV	8686850005	rnnyadav98@gmail.com
2.	Karthik Sai Kumar	160118862017	IV	8500858605	ugs18017_mca.bommireddy@cbit.org.in

### ECE List of Students :

S. No	Name	ROLL NUMBER	SECTION	Contact num	Mail id
1	Kancharlapally Anjali	160117735002	E-1(3/4)	7995847344	anjalikanchapally1999@gmail.com
2	Kommineni Namitha	160117735009	E-1(3/4)	7901059379	kommineninamitha@gmail.com
3	T Nikihitha	160117735011	E-1(3/4)	9494075599	nikhithatada@gmail.com
4	M Vamsi Krishna	160117735311	E-1(3/4)	8187865969	vamhsi25@gmail.com

#### EEE List of Students :

Sl.No	Name of the students	Roll number	Class	Contact Num	Mail Id
1.	A.Rashmith reddy	160118734041	IV	9182578453	rashreddy.arra@gmail.com
2.	V.Gopi Krishna Reddy	160117734026	VI	7330778564	ugs17026_eee.gopi@cbit.org.in
3.	Manasa CSE	160117733066	VI	9550716125	ugs17066_cse@cbit.org.in



## **1.9 Project synopsis:**

### **The Project Main Features:**

- Tracking and Database Creation – CSE Dept.
- Real time Location Dashboard & Alerts & API – IT Dept.
- Mobile App & Reports – MCA Dept.
- Admin Module – ECE Dept.
- Login & Registration- EEE Dept.

### **Schedule of the Projects**

- I Meeting held on 19th April 2020
- II Meeting held on 22nd April 2020
- III Meeting held on 18th May 2020
- IV Meeting held on 16th July 2020 for the Live Data

### **Introduction:**

First Project meeting was held on 19th April 2020 major tasks and modules identified for the Project. Major part of the work started from 24th April, 2020 with the given Modules for the implementation. Selection of the students for the project CSE, IT, MCA, ECE and EEE department staff received resumes from the students, selection process done by the Kernel Sphere Persons from the shortlisted profiles Mr Vinod and Mr Krishna Mohan from the shortlisted resumes selected students according to the technical skills required for the project and number of students for each department based on the tasks. On 18th May 2020 all assigned modules are completed by the teams of CBIT and Demo shown to the Team with Dummy Data.

### **Brief Description of the Project/System**

- Tracking and Database Creation – CSE Dept.
- Real time Location Dashboard & Alerts & API – IT Dept.
- Mobile App & Reports – MCA Dept.
- Admin Module – ECE Dept.
- Login & Registration- EEE Dept

## **Systems Design & Analysis: Modules Distribution**

### **➤ Tracking and Database Module – CSE**

1. Creating of Database
2. Live Tracking
3. Path travelled by a vehicle as per the date filtered selection.
4. Route Path play back
5. Clustered View of vehicles to view multiple vehicles on map.
6. Map tools Zoom in, Zoom out
7. Geo fencing adding on map base on vehicles and creating geo fence for zones.
8. Multi filter options: User will be given options to track vehicles by their Driver, Vehicle number, date or vendor
9. Geo-fence Alerts can be configured to track vehicles entering the geo-fence area, going out of the geo-fence area or for both the instances.

#### **Team Members**

Charitesh P

Shiva Kumar Jada

Kousthubha Krishna CH

Sai Rakshitha Y

Sisira

Susmitha Reddy

## ➤ **Real time Location Dashboard & Alerts & API – IT**

1. Home page with all the vehicles real time location.
2. On clicking the marker it should show the lat, long, date time , heading irection, fuel level, mileage, speed, battery.
3. Bulk SMS gateway integration for SMS alerts.
4. Creation of data sharing REST API to store data in server (database) and to make front end with rest api call.
5. Data Archival of Every month.
6. Alerts & Messages : The system shall generate various alerts like over-speeding, restricted-area violation, route violation (if route details are available) etc. Based on these alerts, Department can respond quickly and take necessary actions.
7. SOS Alerts: Emergency Alerts: This alert is raised when a passenger or crew in a vehicle presses the emergency button in need of immediate aid or assistance. Alerts should be stored in the database.
8. Alerts will be highlighted in the Dashboard. The route travelled by the vehicle can also be geo-fenced to receive alerts on any route violations from the actual route.

### **Team Members**

Preethivardhan Anusri Ega

MOKSH SAILESH JAIN

Shivajyothi Chidura

## ➤ **Mobile App & Reports – MCA**

1. Mobile App for tracking buses(Real time location of Buses)
2. The system shall provide the options for generating various reports like device Daily run hours, halt summary, installation report, number and type of alerts, route report, distance report, speed violation report, fleet summary report and alert reports.Users Report.
3. Alerts Report
4. Vehicles Report
5. Report of Diagnostic, mileage, Ignition status and health report of vehicles.

### **Team Members**

Arun Kumar

Karthik Sai Kumar B

#### ➤ **Admin Module – ECE**

1. Admin dashboard
2. Vehicle Management
3. Driver Management
4. Vehicle Assignment
5. Geo fence management and assignment  
In fence, out fence, in-out fence
6. SOS management – Add multiple sos numbers.
7. Alerts Management
8. Ticketing Tool/Support to resolve

### **Team Members**

ANJALIKANCHARLAPALLY

Namitha Kommineni

#### ➤ **Login & Registration- EEE**

2. Login with user id and password.
3. Generate token while logged in using oaut library
4. User registration with roles.
5. Login will redirected to the dashboard with dashboard api with bearer token.
6. Once logged in logged in name will be displayed on the top right as logged in user.
7. Logout button to abandon the session.
8. If admin logged in admin layout should come else user dashboard will come.
9. Database has to be created with the users table with normalization and primary keys and foreign keys and indexing.
10. User details should be stored in database and sent an email when new user is registered

### **Team Members**

V. GOPI KRISHNA REDDY

RASHMITH REDDY ARRA

(Need to furnish the below Points once the complete modules implemented)

- **Technical Design concepts :**
- **Hardware Requirements :**
- **Software Requirements :**
- **Integration and Deployment of The Project**

### 1.10 Milestones:

Complete Milestone of the project and actions are maintained in a actions chart through drive Separate File

Faculty	Date	Status	Issues	Done by Students
G.Kavita	24-4-2020	On Track	No Issues	Detailed schema design is done. More refinements are to be identified and added. <a href="https://docs.google.com/document/d/1-sbnVojEHHjhg07OletHPF0ntsQQQiAM4yFU2UKIRZ0/edit?usp=sharing">https://docs.google.com/document/d/1-sbnVojEHHjhg07OletHPF0ntsQQQiAM4yFU2UKIRZ0/edit?usp=sharing</a>
G.Kavita	27-4-2020	few learning django	Resolved by krishna sir on usage of Django	created few models and changes suggested in the group were implemented. <a href="https://github.com/CSE-GPS-Tracking/gps_project">https://github.com/CSE-GPS-Tracking/gps_project</a>
G.Kavita	28-4-2020	Completed with database	What to do next. (to be answered by krishna sir)	finished with code and schema which can be seen here <a href="https://github.com/CSE-GPS-Tracking/gps_project">https://github.com/CSE-GPS-Tracking/gps_project</a>
G.Kavita	30-4-2020	Changed the database	Changes done as suggested by krishna sir	Tables created are loaded with dummy data, and also separate table for storing real time data is created.
G.Kavita	2-5-2020	progressive	No Issues	database can be accessed by all groups.working on the task of vehicle tracking based on vehicle and data and time.
G.Kavita	4-5-2020	progressive	No Issues	working on showing of live tracking based on vehicle id , datetime.
G.Kavita	6-5-2020	progressive	No Issues	Live tracking of the bus is done based on the input given by user in the user interface using local database.
G.Kavita	8-5-2020	progressive	No Issues	Live tracking and tracking history pushed to main repository using API calls. Work completed with clustered view, yet to be integrated with main repository. Working on the changes for replay tracking. working on pending tasks with geofence.
G.Kavita	11-5-2020	progressive	No Issues	Replay tracking and geofence with reports pushed to main repository. Working on minor changes with replay tracking as suggested by krishna sir. Working on route violation with geofence on one vehicle.
G.Kavita	14-5-2020	progressive	No Issues	Minute refinements as suggested by krishna sir is done.
G.Kavita	16-5-2020	progressive	No Issues	Done with all the tasks and ready to give the demo
G.Kavita	18-5-2020	progressive	No Issues	Given the demo, everyone were satisfied with the output shown. Krishna sir told that he would be suggesting some minute changes.

G.Kavita	24-5-2020	progressive	No Issues	Few minute changes suggested by krishna sir were implemented
G.Kavita	26-5-2020	progressive	No Issues	New task of ETA was given to cse department
G.Kavita	2-5-2020	progressive	No Issues	80% of ETA functionality is implemented, but facing difficulty in finding the logic for implementing rest 20%. All are working on that.
G.Kavita	18-07-2020	Received new guidelines	No Issues	Had a meeting with krishna sir and received new guidelines for changing few tables to store the live data directly and discussed about the new approach of implementing ETA

### MCA Department :

Faulty	Date	Status	Issues	Done by Students		
Dr. B. Indira	24-4-2020	Daily Runhours Reorts, Alerts reports			created Datatables, added download buttons, added search bar,	
Dr. B. Indira	27-4-2020	progressive	No issues	Fleet Reports - Created Data tables - added download button, added search bar, added post calls api in json format,		
				Fleet summary Reports- same as above		
Dr. B. Indira	2-5-2020	Progressive	No issues	started react native and created a view for list of buses available for live tracking		
Dr. B. Indira	4-5-2020	progressive	No issues	Mobile app is 80% complete		
Dr. B. Indira	6-5-2020	progressive	No issues	Almost complete (above 90%) - Mobile App		
Dr. B. Indira	11-5-2020	Progressive	No issues	working on PWA which can be accessed on IOS and android, implementing JWT auth tokenizing into PWA		

## ECE

Faulty	Date	Status	Issues	Done by Students
G.Mallikharjuna Rao	24-04-2020	Progressive	None	Completed admin dashboard working on vehicle management, driver management and vehicle assignment
G.Mallikharjuna Rao	27-04-2020	Progressive	None	Completed driver management, working on vehicle management
G.Mallikharjuna Rao	30-04-2020	Progressive	not able to understand the database of CSE	Adding search filters and some changes in vehicle management
G.Mallikharjuna Rao	02-05-2020	Progressive	Vehicle assignment database is not created	Working on new database
G.Mallikharjuna Rao	04-05-2020	Progressive	vehicle management module is completed and driver management is in progress	
G.Mallikharjuna Rao	06-05-2020	Progressive	Vehicle assignment database base is not created in aws	first three modules are done completely
G.Mallikharjuna Rao	08-05-2020	Progressive	Vehicle assignment database base is not created in aws	inserted search option in the above modules and working on ticketing tool
G.Mallikharjuna Rao	12-05-2020	Progressive		working on alert management
G.Mallikharjuna Rao	14-05-2020	Progressive		working on ticketing tool
G.Mallikharjuna Rao	16-05-2020	Progressive		
G.Mallikharjuna Rao	18-05-2020	Progressive		connecting to the database
G.Mallikharjuna Rao	20-05-2020	Progressive		connecting to the database
G.Mallikharjuna Rao	26-05-2020	Progressive		done all the tasks



**EEE Dept**

<b>Faulty</b>	<b>Date</b>	<b>Status</b>	<b>Issues</b>	<b>Done by Students</b>
<b>Dr.N.Vasantha Gowri</b>	25-04-2020	Login page created	Krishna sir suggested modification	Gopi krishnaReddy & Rashmith Reddy
<b>Dr.N.Vasantha Gowri</b>	27-04-2020	created sign up page	Krishna sir suggested modification	Gopi krishnaReddy & Rashmith Reddy
<b>Dr.N.Vasantha Gowri</b>	28-04-2020	Learning flask	no issues	Gopi krishnaReddy & Rashmith Reddy
<b>Dr.N.Vasantha Gowri</b>	30-04-2020	Completed front end working on back end working on creating token	No issues	Gopi krishnaReddy & Rashmith Reddy
<b>Dr.N.Vasantha Gowri</b>	02-05-2020	Working on Data base and API	No issues	Gopi krishnaReddy & Rashmith Reddy
<b>Dr.N.Vasantha Gowri</b>	4-5-2020	connecting log in page to data base via API created	No issues	Gopi krishnaReddy & Rashmith Reddy
<b>Dr.N.Vasantha Gowri</b>	06-05-2020	Working on generating tokens Auth in RESTful using flask	No issues	Gopi krishnaReddy & Rashmith Reddy& Manasa
<b>Dr.N.Vasantha Gowri</b>	8-5-2020	Working on generating tokens Auth in RESTful using flask	No issues	Gopi krishnaReddy & Rashmith Reddy& Manasa
<b>Dr.N.Vasantha Gowri</b>	11-5-2020	Working on generating tokens Auth in RESTful using flask	No issues	Gopi krishnaReddy & Rashmith Reddy& Manasa

# IT

Faculty	Date	Status	Issues	Done by Students
M Trupthi and K Rajesh Kannan	23-04- 2020	Progressive	need to fix menus on the home page	created a django app, the database with 5 places and displayed the results in the webpage, Dynamically content is displayed but struck in displaying them as markers so working on that
M Trupthi and K Rajesh Kannan	27-04- 2020	Progressive	had few querries discussed with krishna sir in the gmeet.. sir basic info sample, themes for layout has to be fixed	plotted Markers on the map with bus numbers, basic info displayed, worked with sending bulk sms to mobiles
M Trupthi and K Rajesh Kannan	30-04- 2020	Progressive		1. tracking for tracking table - post api was done by vardan, 2. theme was finalised with the menus,changed the makers and also busses list is changed to pop-up
M Trupthi and K Rajesh Kannan	02-05- 2020	going a head	1. call rest API for SMS gateway 2. Reports to be placed on the dash board 3. Submenus have to be fixed 4. Alert Dashboard to get dynamic date	1.Layout and dashboard done and we had discussed the dashboard and sms part today and few suggestions are advised. So working on them 2.working on REST APIs of the given database
M Trupthi and K Rajesh Kannan	04-05- 2020	Progressive	required sub menus, reports to be placed on UI	<b>completed:</b> 1. The Rest API has been deployed to AWS to access the tabbles in the database.The endpoints returns the data in JSON format 2. static alerts are done with a beep sound., Online buses added <b>working on:</b> 1. We need to trigger alerts using API calls 2. working on rawdata post api, customize APIs for other modules
M Trupthi and K Rajesh Kannan	07-05- 2020	Progressive	No issues	1. Login, authentication, token generation., Post apis for rawdata table done. 2. geo fencing done partially,3. as advised to add an email option when the alert is triggered working on that.
	by night		to note: geofencing task transferred to CSE from IT	
M Trupthi and K Rajesh Kannan	08-05- 2020	Progressive	No issues	alert noification is done

M Trupthi and K Rajesh Kannan	09-05- 20	Progressive	Krishna Sir to confirm	The API has been updated. /register /tracking (POST) /sms /geofence are newly added and other changes are made. Check the change log for more details.
				page is created that can be used to send sms to some particular busses or to all busses and working on APIs to connect
M Trupthi and K Rajesh Kannan	11-05- 2020	Progressive		working on cors policy in the APIs and also working with APIs required by CSE
	12-05- 2020			

### Project schedule

SI no	Activity	1	2	3	4	5	6	7	8	9	10	11	12
1	<b>Requirements</b>	█	█	█	█								
2	<b>Analysis</b>					█	█	█	█				
3	<b>Design of the Module</b>					█	█	█	█				
4	<b>Distribution of the Modules</b>					█	█	█	█	█	█		
5	<b>Implementatio n</b>					█	█	█	█				
6	<b>Testing</b>									█	█	█	█
7	<b>Deployment</b>									█	█	█	█
8										█	█	█	█

## Scope and Present Status:

### ➤ Implemented Features:

Tracking and Database Creation – CSE Dept.

Real time Location Dashboard & Alerts & API – IT Dept.

Mobile App & Reports – MCA Dept.

Admin Module – ECE Dept.

Login & Registration- EEE Dept.

**GaPS:** Mobile App needs to be change to different technology

- 17th July 2020 Project Modules assigned for CSE and IT to deploy the modules for the Live Data, all the modules need to be deploy and checking testing cases for the Live Data.
- Expecting By July End complete the Entire Project..
- Devices installed in two Car and the tracking devices of GPS  
Vehicle Num: TS07GK1457:GPS:407  
Vehicle Num : TS07FW6787:GPS:404
- Tracking can be done through <http://www.livemap.co.in>
- Mobile App is need to be implemented for Android and IOS.

## R&E- Kernel Sphere

# GPS TRACKING PROJECT for CBIT

### Final list of Faculty and Students for the GPS TRACKING PROJECT

Coordinator & SPOC Ms G.Vanitha, Asst Prof,CSE Dept. 9959959585 , gvanitha\_cse@cbit.ac.in

#### MCA DEPT FACULTY COORDINATORS:

S. No	FACULTY NAME	Designation	Contact num	Mail id
1.	Dr. B. INDIRA	Asst Professor	9848952195	bindira_mca@cbit.ac.in

#### MCA LIST OF STUDENTS:

S. No	NAME OF THE STUDENT	ROLL NUMBER	SECTION	Contact Num	Mail id
1.	B. Arun Kumar	160118862006	IV	8686850005	rnayadav98@gmail.com
2.	Karthik Sai Kumar	160118862017	IV	8500858605	pgs18017_mca.bommireddy@cbit.org.in

#### IT DEPT FACULTY COORDINATORS:

S. No	FACULTY NAME	Designation	Contact num	Emaild
1.	MS M.TRUPTHI	Asst Professor	9849295395	mtrupthi_it@cbit.ac.in
2.	MR RAJESH KANNAN K	Asst Professor	9944836316	rajeshkannan_it@cbit.ac.in

#### IT LIST OF STUDENTS:

S. No	NAME OF THE STUDENT	ROLL NUMBER	SECTION	Contact num	Emaild
1.	E. Preethi Vardhan	160117737102	IT-2(3/4)	7995507396	ugs17102_it.preethi@cbit.org.in
2.	Moksh Jain	160117737098	IT-2(3/4)	8897202300	ugs17098_it.moksh@cbit.org.in
3.	Chidura Shiva Jyothi	160117737021	IT-1(3/4)	8639937564	ugs17021_it.shivajyothi@cbit.org.in
4.	M.Ameer Uddin	160117737090	IT-2(3/4)	8187865969	ugs17090_it.ameer@cbit.org.in
5.	Pavan Kalyan	160117737100	IT-2(3/4)	9110319657	ugs17100_it.pavan@cbit.org.in

#### ECE DEPT FACULTY COORDINATORS:

S. No	FACULTY NAME	Designation	Contact num	Mailed
1	G.MALLIKHARJUNA RAO	Assistant Professor	9866047394	mallikarjunarao_ece@cbit.ac.in

**ECE LIST OF STUDENTS:**

S. No	NAME OF THE STUDENT	ROLL NUMBER	SECTION	Contact num	Mail id
1	Kancharlapally Anjali	160117735002	E-1(3/4)	7995847344	anjalikancharlapally1999@gmail.com
2	Kommineni Namitha	160117735009	E-1(3/4)	7901059379	kommineninamitha@gmail.com
3	T Nikihitha	160117735011	E-1(3/4)	9494075599	nikhithatada@gmail.com
4	M Vamsi Krishna	160117735311	E-1(3/4)	8187865969	vamhsi25@gmail.com

**CSE FACULTY COORDINATORS:**

S.NO	Name	Designation	Contact num	Mail id
1	Dr .SANGEETHA GUPTA	Assoc.prof	99894 04702	sangeetagupta_cse@cbit.ac.in
3.	G.KAVITHA	Asst.prof	98851 17207	gkavitha_cse@cbit.ac.in
4.	G.MAMATHA	Asst.prof	94918 70706	gmamatha_cse@cbit.ac.in

**CSE List of students:**

S.No	Name	Roll no	Branch	Contact num	Mail id
1	Sisira	16017733020	CSE1 (VI SEM)	9030403528	ugs17020_cse.sisira@cbit.org.in
2	Rakshitha	16017733017	CSE1 (VI SEM)	9966142099	ugs17017_cse.sairakshitha@cbit.org.in
3	Shiva Kumar	160117733172	CSE3 (VI SEM)	8317556159	ugs17172_cse.shiva@cbit.org.in
4	Susmitha	160117733142	CSE3(VI SEM)	8639514228	ugs17142_cse.susmitha@cbit.org.in
5	Kousthubha Krishna	160117733157	CSE3(VI SEM)	9182200436	ugs17157_cse.kousthubha@cbit.org.in
6	Charithesh	160117733149	CSE3(VI SEM)	8247237868	ugs17149_cse.charithesh@cbit.org.in

**EEE FACULTY COORDINATORS:**

S. No	FACULTY NAME	Designation	Contact Num	Mail id
1.	Dr. N. VASANTHA GOWRI	Assistant Professor	9052221446	vasanthagowri_eee@cbit.ac.in

Sl.No	Name of the students	Roll number	Class	Contact num	Mail id
4.	A.Rashmith reddy	160118734041	IV	9182578453	rashreddy.arra@gmail.com
5.	V.Gopi Krishna Reddy	160117734026	VI	7330778564	ugs17026_eee.gopi@cbit.org.in
6.	Manasa CSE	160117733066	VI	9550716125	ugs17066_cse@cbit.org.in

**EEE LIST OF STUDENTS:**



**RE Hub  
Management  
System**

**Project Document  
on Consultancy Project  
Cyber Security**

**Doc. No : CBIT:REHub:01  
Issue No : 01  
Rev No : 00  
Eff Date : 13-08-20  
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**CBIT, Hyderabad and Kernel Sphere, Hyderabad**

**Project Title:  
AI BASED TRANSFORMER MONITORING**

**Prepared by  
Dr.N.Vasantha Gowri**

**Checked by**

**Approved by**

**July 2020**



## Project Document

### 1.0 Project Summary:

- 1.1 Title of the Project : AI Based Transformer Monitoring  
1.2 Project Coordinator : Dr.N.Vasantha Gowri  
1.3 Project Leader &Team from CSE : Ms.G.Vanitha  
1.4 Project Leader &Team from ECE : Mr.G.Mallikarjun Rao  
1.5 Project Leader & Team from IT : Ms.T.Pratima  
1.6 Project Leader & Team from EEE : Dr.N.Vasantha Gowri  
1.7 Students involved in the Project

Sl.No	Name of Student	Roll Number	Branch
1.	Bolisetty Bhargav Sai	160117733301	CSE
2.	Sri Sai Dyavanapally	160117733049	CSE
3.	Abhay Singh Baloria	160117733061	CSE
4.	Sreshta Rushya Putchala	160117733140	CSE
5.	Rohit Dandamudi	160117733185	CSE
6.	Sai kumar Ramavath	160118734304	EEE
7.	N.Akshith	160117734074	EEE
8.	Y.Ranadeer	160117734317	EEE
9.	Nayskanti vinoothna	160117735145	ECE
10.	Gudaru Pragati	160117735134	ECE
11.	Syed Danish Hussaini	160117737057	IT



	<b>RE Hub Management System</b>	<b>Project Document on Consultancy Project Cyber Security</b>	<b>Doc. No</b> : CBIT:REHub:01 <b>Issue No</b> : 01 <b>Rev No</b> : 00 <b>Eff Date</b> : 13-08-20 <b>Page 3 of 7</b>
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## 1.8 Project synopsis:

**Introduction** : Distribution transformer is one of the important equipments in distribution network. It is proposed to monitor the distribution transformer present in the third party electrical network proposed by kernelsphere pvt ltd. It is intended to acquire the data from the network through sensors and that will be analyzed and the monitoring and control model will be designed.

### Brief Description of the Project/System

The project named “ Artificial Intelligence based transformer monitoring “ is proposed by Kernelsphere Pvt Ltd. The proposal says that the distribution transformers in the field of third party are to be closely monitored and analytical models are to be developed.

**Role of Kernelsphere:**To implement all the required hardware including sensors in the field  
 To provide the data to the team in CBIT to data analysis and project modeling  
 To provide continuous technical support from Kernel sphere to the project

**Role of CBIT** : To acquire the data provided by Kernelsphere Pvt Ltd  
 To analyze the given data to formulate better indicator and predictive models  
 To work along with Kernelsphere pvt ltd to bring out a dashboard of the monitoring system

Co-ordinator : Dr.N.Vasantha Gowri, AP EEE CBIT  
 Data analytics team : Ms.G.Vanitha AP,CSE , CBIT  
 Ms.Pratima AP,IT CBIT  
 User Interface (UI)Team : Mr.Govardhan Reddy AP,IT, CBIT  
 Mr.Krishna Kernel Sphere  
 Domain & installation : Dr.N.Vasantha Gowri, AP EEE CBIT  
 Mr.Mallikarjun Rao, AP, ECE, CBIT

## 1.9 Critical Gaps

1. **Systems Design& Analysis:** Data for the analysis is yet to be released : Current analysis has been carried out by using sample data provided by kernel sphere
2. **Design vetting/simulation:** Number / scope of data analysis is yet to be finalized once acquirement of original data
3. **Development of subsystems:** subsystems in this project are the data monitoring and prediction models, which are made ready for the sample data
4. **Modeling of the system: --**
5. **Quality testing** : Will be done after hardware implementation
6. **Integration and Implementation:** Will be done after hardware implementation
7. **Performance evaluation:** Will be done after hardware implementation



### 1.10 Milestones:

Sl.No	Description of Milestone	Start Date	Finish Date – months from start	Dept. Involved
1.	<p>The Data is now being read directly from the api. The graphs for all time values as well as for last week are plotted along with the highlighted thresholds and a warning message if any value crosses the thresholds within the limits. Graphs for voltage lines are available in cv_ui. Power Factor Graphs are in pf_ui. Temperature, level graphs are in overview_ui. KW, KVA and Load prediction is done in KW_prediction. Along with the rmse values, a message is displayed to indicate if the load is expected to exceed within the next 24 hours.</p>		21 May 2020	CSE, EEE, IT
2.	<p>Fault prediction model with oil level, oil temperature, oil level and temperature alarms current voltage levels and other alarms with ARIMA model Power factor monitoring Analysis of THD, MD, Kw, KWh Graphs for VL1 VL2 and VL3 and line and phase currents were plotted</p>	22 April 2020	1 May 2020	CSE, EEE, IT
3.	<p>ARIMA model for oil temperature variations and alarms was created</p>	31 March 2020	22 April 2020	CSE, EEE, IT
4.	<p>Data analytics team informed that correlation was not identified for fault prediction</p>		19 April 2020	CSE, EEE, IT
5.	<p>Status of data analytics part shared by Ms.G.Vanitha on Power factor</p>	31 March	18 April 2020	CSE, EEE, IT



	monitoring and Fault prediction analysis. Suggested with few changes	2020	(18 days)	
6.	Alarms and trips and power factor files we observed identified issues and other observation of the data was generated	31 March 2020	17 April 2020 (17 days)	CSE, EEE, IT
7.	Zoom meeting was conducted for CBIT IoT group and kernel sphere AI transformer project status was explained to kernel sphere	--	06 April 2020	CSE, EEE, IT
8.	Correlation between oil temperature and level sensor alarm readings for fault prediction has been reported by DA team	17 March 2020	03 April 2020 (17 days)	CSE, EEE, IT
9.	Fault prediction procedure was explained by Ms.N.V.Gowri to Ms.Sreshta to work with	--	01 April 2020	CSE, EEE, IT
10.	Date wise API link shared to DA team Date wise analysis on power and power factor work shared to DA team  Reference paper for fault prediction has been shared by N.V.Gowri and asked Ms.Vanitha and Ms.Sreshta to refer the same	17 March 2020	31 March 2020	CSE, EEE, IT
11.	Transformer power factor data link was shared by Mr.Krishna Students were assigned to UI work Angular theme for dashboard was shared to UI team	17 March 2020	30 March 2020	CSE, EEE, IT
12.	DA team reported with current status and brought out models for Total Power Analysis (available and consumed power), Power factor analysis	13 March 2020	28 March 2020 <b>(2weeks)</b>	CSE, EEE, IT
13.	Technical issues were resolved by Mr.Krishna More clarifications are provided to students working on fault prediction by Ms.N.V.Gowri		27 March 2020	CSE, EEE, IT
14.	Some more inputs are given to UI team	--	17 March	CSE, EEE, IT



	by Mr.Krishna and some data issues were raised by DA team and conveyed to Mr.Krishna on data acquisition		2020	
15.	CSE students Ms.Shresta and Bhargav were assigned with fault prediction analysis Appointment was requested to meet expert at BHEL through Dr.U.K.Choudhry director I&I	--	16 March 2020	CSE, EEE, IT
16.	Discussions were held at IT department regarding data analytics to be carried out further. Ms.N.V.Gowri explained about basics of transformer and ways of fault prediction of the transformer using the parameters available. Sample analysis on voltage and current levels have been carried out	11 March 2020	14 March 2020 (3 days)	CSE, EEE, IT
17.	Meeting was conducted by N.V.Gowri at CSE lab with data analytics team and few strategies for analysis were discussed. Mr.Govardhan AP IT has been assigned with UI design part	--	13 March 2020	CSE, EEE, IT
18.	Meeting was conducted Mr.Vinod	--	11 March 2020	CSE, EEE, IT
19.	Meeting with Mr.Vinod is rescheduled on 11 March 2020	--	10 March 2020	CSE, EEE, IT
20.	Sample analysis on oil temperature alarms and trips has been carried out by Ms.Pratima, Ms.N.V.Gowri and Ms.G.Vanitha and discussed the same with Mr.Krishna.	07 March 2020	09 March 2020 (2 days)	CSE, EEE, IT
21.	Students group was finalized and assigned for different works like DA and UI Meeting with Mr.vinod is postponed on 10 March 2020	--	07 March 2020	CSE, EEE, IT
22.	Abbreviations given in the transformer data are explained by Mr.krishna	--	06 March 2020	CSE, EEE, IT

23.	URL of existing transformer monitoring system was released to the team for analysis	--	05 March 2020	CSE, EEE, IT
24.	Meeting was conducted at placement office by NLN reddy sir and a sub-group was formed for AI based transformer monitoring project Link of cold storage monitoring system was shared to faculty members for basic analysis Meeting with Mr. Vinod is scheduled on 7 <sup>th</sup> March 2020	--	04 March 2020	CSE, EEE, IT
25.	WebEx meeting with Mr.Krishna, kernel sphere to get introduced to transformer monitoring projects	--	02 March 2020	CSE, EEE, IT
26.	Team identified to work on transformer monitoring project	--	26 feb 2020	CSE, EEE, IT

**2. Project Details:**

1. Monitoring of important transformer parameters
  1. Alert models for transformer condition / output monitoring
  2. Forecast models for power and demand
  3. Prediction of transformer faults
  4. Generation of User Interface for the given data / devices



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)



# Memorandum of Understanding

Between

**Chaitanya Bharathi Institute of Technology**  
Gandipet, Hyderabad-500 075, Telangana State.

and

**ZOOM Technologies Private Limited**  
ZOOM House, HDFC Bank Building, 2<sup>nd</sup> Floor, Road # 12, Banjara Hills  
Hyderabad-500 034, Telangana State.

## **PURPOSE**

The purpose of this MOU is to promote Joint collaborative work in R & D Projects, Internships and Placements, Curriculum Development, Infrastructure development, Skill Development, Training/Certification Programs in the field of Security, Networking and Artificial Intelligence (AI). ZOOM TECHNOLOGIES will provide expertise in establishing required Labs/facilities, and guide students to complete real-world projects.

## **RESPONSIBILITIES OF ZOOM TECHNOLOGIES PVT. LTD.**

- **Skills Development Programs:** The budding graduates from the institutions will play a key role in technological up-gradation, innovation, and competitiveness of an industry. Zoom Technologies to train the Students of CBIT on the emerging technologies to enhance the skills and knowledge in order to bridge the skill gap and make them Industry ready.

- **Curriculum Design:** ZOOM Technologies would give valuable inputs to CBIT in Teaching/Training methodologies and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
- **Internship Opportunity:** ZOOM Technologies to provide internship opportunities to the students to work on real-world projects using the on-campus facilities to complete it.
- **Industrial Training:** Industry and Institution interaction will give an insight into the latest developments/requirements of the industries. ZOOM Technologies permit the faculty and students of the CBIT to visit its company and also involve in Industrial training programs for CBIT.
- **Research and Development: Zoom Technologies has** to carry out the joint research activities in the fields of Computer Networking, Security and publish papers in conferences and international journals.
- **Guest Lectures:** ZOOM Technologies to extend the necessary support to deliver guest Lectures to the students of CBIT on the technology trends and in house requirements.
- **Faculty Development Programs:** ZOOM Technologies to train the Faculty of CBIT to impart knowledge in the fields of Networking, Security and AI as per the industrial requirement. This includes all the latest technologies and tools that help them acquire better exposure to the current requirements.
- **Training Programmes/Workshops/Seminars/Conferences:** Zoom Technologies and CBIT with joint collaboration should organise the programmes in the domain to provide platform to the Students and Faculty of CBIT to share knowledge and contribute to the field.

## **RESPONSIBILITIES OF CBIT**

- CBIT 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.
- CBIT shall make provision to share the required R&D facilities in order to promote Academic and Research interaction in the areas of cooperation.
- CBIT shall provide a Lecture/Seminar Hall with a capacity of 70 seats to ZOOM Technologies with the required facilities like Computers, Furniture and, Networking so that the Training programs can be conducted in hands-on manner.
- CBIT shall provide a workable space with basic amenities, administrative & IT support staff to facilitate the activities for successful outcome.
- CBIT shall provide its Labs / Auditoriums / Network / Common Sites for the hands-on training of the students/faculty enrolled with the ZOOM Technologies.
- ZOOM Technologies shall remain as a partner in running CBIT Industry relations during the term of this agreement.

## **TERM OF MoU**

This MoU shall be effective from the date of signing by the duly authorized representatives of the parties to this MOU and shall remain in force for a period of two years. This MOU may be terminated, without cause, by either party upon two months written notice.



## GENERAL PROVISIONS

- A. **Amendments:** Either party may request changes to this MOU. Any changes, modifications, revisions or amendments to this MOU which are mutually agreed upon by and between the parties to this MOU shall be incorporated by written instrument, and effective when executed and signed by all parties to this MOU.
- B. **Approvals:** Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the programs on the terms of institution.

## SIGNATURES

In witness whereof, the parties to this MOU through their duly authorized representatives have executed this MOU on the dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this MOU as set forth herein.

**On behalf of Chaitanya Bharathi  
Institute of Technology (CBIT)**

**On behalf of Zoom Technologies  
Pvt. Ltd.**



**Dr. P. Ravinder Reddy**

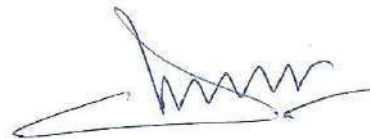
**Mr. M. H. Noble**

**Principal, CBIT  
Hyderabad, Telangana.**

**CEO, ZOOM Technologies  
Hyderabad, Telangana.**

**Date:**

**Date: 5<sup>th</sup> November, 2019**



**Witness 1:**

**Witness 2: Ch. Srinivas**



Webinar on

# US-Council's Cybersecurity Professional

Department of CSE and IT, CBIT in Collaboration with ZOOM Technologies is conducting a Webinar on the latest cutting edge Technologies in Cybersecurity and Cyber Forensics

**FREE Online Live Instructor Led Cybersecurity  
Professional Webinar**

**On Wednesday, June 3<sup>rd</sup>, 2020 at 3:00 PM**

**No Registration Fee**

**Register for Details: <https://bit.ly/3ewdChl>**

**Faculty Coordinators:**

**Mr. R. Srikanth**  
Asst. Professor, CSE Dept  
Mobile: 89782 59394

**Mr. S. Rakesh**  
Asst. Professor, IT Department  
Mobile: 99513 97356

**Mr. M. V. Krishna Reddy**  
Asst. Professor, CSE Dept  
Mobile: 91105 68229



Webinar on

# Machine Learning (ML), Artificial Intelligence (AI), Embedded System & Internet of Things (IoT)

Department of CSE and IT, CBIT in Collaboration with ZOOM Technologies is conducting a Webinar on the latest cutting edge Technologies in Machine Learning (ML), Artificial Intelligence (AI), Embedded System & Internet of Things (IoT)

**FREE Online Live Instructor Led Machine Learning (ML),  
Artificial Intelligence (AI), Embedded System & Internet  
of Things (IoT) Webinar**

**On Wednesday, June 3<sup>rd</sup>, 2020 at 7:00 PM**

**No Registration Fee**

**Register for Details: <https://bit.ly/3ghRclz>**

**Faculty Coordinators:**

**Mr. R. Srikanth**  
Asst. Professor, CSE Dept  
Mobile: 89782 59394

**Mr. S. Rakesh**  
Asst. Professor, IT Department  
Mobile: 99513 97356

**Mr. M. V. Krishna Reddy**  
Asst. Professor, CSE Dept  
Mobile: 91105 68229

**Institutional Agreement Document**

This Agreement is made this the **09th day of September, 2019**, by and between:

**MANYA EDUCATION PVT. LTD.**, a company incorporated under Companies Act 1956 having its registered office at B-7/2, Okhla Phase – II, New Delhi – 110 020 (hereinafter referred to as “MEPL”, which expression shall include its legally constituted signatories, assigns, successors and officers duly authorized to execute such agreement) OF THE FIRST PART / FIRST PARTY through **Mr. KH VASUDEV, Regional Manager, TL & AP**, who is duly authorized to represent MEPL

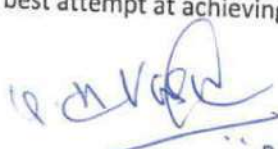
**AND**

**Chaitanya Bharathi Institute of Technology (Autonomous)**, a technical Engineering College, and is affiliated to Osmania University, Hyderabad, Rangareddy district of Telangana, (hereinafter referred to as “CBIT”, which expression shall expressly include its legally constituted signatories, assigns, successors and officers duly authorized to execute such agreement) OF THE SECOND PART / SECOND PARTY through **Dr. P Ravinder Reddy**, who is duly authorized to represent CBIT.

**WHEREAS**, MEPL is the Master Franchisee “The Princeton Review” U.S.A. and has attained a leadership position in the business of coaching for **GRE, GMAT, IELTS, TOEFL, SAT & SAT Subjects, Advance Placement, ACT and Admission Counseling Services** as per norms and methodologies developed by The Princeton Review and owns or has access to various copyrighted material, proprietary information and a substantial body of technical know-how relating to selection of Faculty members and other staff, scheduling and administering education and procedures of examining the standards possessed/ attained by Students.

**AND WHEREAS**, the College desires to impart special support services and help students on getting training to enhance the skill sets and effectiveness of Study Abroad aspirants. Further, the College desires to enable them to secure acceptance into Ivy League and such other Universities/Colleges by equipping them with the necessary skill sets to achieve the desired test scores in the GRE, GMAT, IELTS, & TOEFL. Furthermore, the College also desires to facilitate the training, counseling and guidance of the Students to meet the pre-requisites and criteria for attaining admission into their dream university.

**AND WHEREAS**, MEPL has trained and certified teachers having vast experience in their subject area for taking test-prep classes for the GRE, GMAT, IELTS, & TOEFL and such expert faculty members of MEPL, through proprietary information and technical know-how, which it either owns or has exclusive access to, has been coaching Students in facilitating them develop the necessary skill sets required to make the best attempt at achieving the required test scores in GRE, GMAT, IELTS, & TOEFL.



**Manya Education Pvt. Ltd.**

Registered Office: B-7/2, Okhla Phase-II, New Delhi-110020  
T: +91 11 4050 0900 E: info@manyagroup.com CIN: U80301DL2005PTC142842



**AND WHEREAS**, the College has approached MEPL and has expressed its desire to engage the latter as a consultant on behalf of and at behest of its applicant Students who will undertake GRE, GMAT, IELTS, & TOEFL Test Prep Coaching Classes (hereinafter referred to as the Program).

**NOW THEREFORE, IN CONSIDERATION OF THE UNDERSTANDING HEREINABOVE, MUTUAL COVENANTS AND RECIPROCAL PROMISES MADE HEREINAFTER, THE PARTY OF THE SECOND PART ON BEHALF AND AT THE BEHEST OF ITS APPLICANT STUDENTS AGREES WITH THE PARTY OF THE FIRST PART AS HEREUNDER:**

**TERM:**

This Agreement shall be effective upon full execution of this Agreement and continue for a period of One (1) Years from the date of its execution. The Agreement may be extended by written agreement signed by both parties. Any written agreements altering the term and/or conditions of this agreement must be reviewed and approved in advance by both parties. The term of this agreement shall be applicable to each applicant student, *mutatis mutandis* during the term of such course that the said applicant has enrolled for.

**IN WITNESS WHEREOF**, the Parties, intending to be legally bound, have caused this Agreement to be signed by their duty authorized officers as of the indicated below and to be effective as of the day and year first above written.


**AGREED, ACCEPTED AND EXECUTED AT \_\_\_\_\_:**



For and on behalf of MEPL

WITNESSES:

- 1.
- 2.



For and on behalf of College  
**PRINCIPAL**

**Chaitanya Bharathi Institute  
of Technology  
GANDIPET, R. R. (Dist.)  
HYDERABAD - 500 075**

**Annexure I:**

**OBLIGATIONS OF CBIT:**

**1. Seminar & Help desk in the CBIT - 2 times a year:**

MEPL shall be given access to interact with different departments and sections of 2<sup>nd</sup> to 4<sup>th</sup> year students through Informative career building Sessions and Specialized Study Abroad sessions through Expert seminars and help desks. These seminars followed by help desk can be organized in every semester at CBIT.

2. **Co branding** inside the campus-at strategic locations e.g. Canteen, Entrance, Notice Boards etc;

3. CBIT to provision an in campus drive or provide data of all passed out (not placed) students who can be consulted or contacted by our admission services department who are looking for overseas University placements in MS & MBA abroad.



Annexure II:

**OBLIGATIONS OF MEPL:**

**1. Provide Event Sponsorship**

For the above mentioned deliverables to MEPL as an exclusive study abroad partner, MEPL is willing to extend a sponsorship amount not exceeding the sum of **Rs. 30,000/- (Thirty thousand only)** to the CBIT towards student specific events, seminars and symposiums as suggested by the CBIT management and as deemed suitable by the management of MEPL. The CBIT shall provide the details of the events open for sponsorship and an acknowledgement for the sponsorship will be given by MEPL. The total amount of sponsorship committed by MEPL as above can either be utilised by CBIT for one single event, two events or multiple events in a fiscal. The CBIT will be required to share the acknowledgement for the sponsorship given by MEPL in the form of receipt.

**2. Provide free (Sponsored) GRE training to 10 meritorious students of CBIT**

MEPL will provide free GRE training to 10 academically meritorious students from 7 engineering departments of CBIT in fiscal 18-19. The student nominations for sponsored GRE training has to come from respective department HOD and endorsed by CBIT management. The training to the nominated students by CBIT will be given by MEPL only at their centre which will be a central location in the city.





**Chaitanya Bharathi Institute of Technology**  
**Gandipet, Hyperabad**  
**Telangana 500075**  
**India**



**Curtin University**

**Curtin University**  
**Building 100, Chancellory Building**  
**Kent Street, Bentley 6102**  
**Western Australia**

**MEMORANDUM OF UNDERSTANDING**

**For the Development of School of Excellence through Curtin Challenge Platform for India and Asia**

**between**

**Curtin University**

**and**

**Chaitanya Bharathi Institute of Technology (CBIT)**



## MEMORANDUM OF UNDERSTANDING FOR THE DEVELOPMENT OF ACADEMIC COLLABORATION

---

### 1. PARTIES TO THE MEMORANDUM OF UNDERSTANDING

The Parties to this Memorandum of Understanding are:

**CURTIN UNIVERSITY**, ABN 99 143 842 569, a body corporate established under the *Curtin University Act 1966* (WA) of Kent Street Bentley, Western Australia 6102 ('Curtin').

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY** of Gandipet, Hyderabad, Telangana 500075, India ('CBIT')

### 2. INTERPRETATION

Headings are for convenience only and do not affect interpretation. The following rules apply unless the context requires otherwise:

- (a) The singular includes the plural and conversely.
- (b) A gender includes all genders
- (c) If a word or phrase is defined its other grammatical forms have a corresponding meaning.
- (d) A reference to a clause or a Schedule is a reference to a clause or, a schedule to, this Memorandum of Understanding.

### 3. FIELD OF COLLABORATION

The Parties wish to explore establish the School of Excellence using Challenge Platform Gateway for educational collaborations in the following areas of mutual interest:

- (a) Teaching Consultancy through Curtin Challenge Hub
- (b) Faculty Exchange and Joint Capstone Projects
- (c) Undergraduate Collaborative Learning & Exchange Programs using Challenge Platform
- (d) Undergraduate and postgraduate extra-curricular activities through Challenge Leadership and Careers Illuminate programs;
- (e) Exploration of Twinning Programs that advance the UN Sustainable Development Goals and the UNESCO Chair of Data Science in Higher Education Learning & Teaching.

The Parties acknowledge and agree that the right to access and use the Challenge software platform is conditional upon the prior written approval of Curtin and third party licence owners.

This Memorandum of Understanding records the intention of the Parties in relation to learning and teaching collaboration and the principles upon which such collaboration will be conducted.

#### **4. MEMORANDUM OF UNDERSTANDING NOT BINDING**

This Memorandum of Understanding is being signed by the Parties to evidence their in principle non-binding intentions. The Parties acknowledge that no legally binding obligations are intended to arise between them as a result of the signing of this document. Binding obligations are only intended to arise upon signing by the Parties of a separate formal written agreement. Any action taken by any Party in anticipation of approvals will be at the sole risk of that Party.

The Parties agree and acknowledge that nothing contained in this Memorandum of Understanding constitutes any of them as agent, partner or trustee of any other of them, or to have authority or power to act for, or create or assume any responsibility or obligation on behalf of, any other Party.

#### **5. OBJECTIVES**

The objectives of the Parties under this agreement are to:

- (a) work together and share information about their organisations to enhance each other's understanding of each Party's capabilities and requirements with respect to the Field subject to confidentiality requirements of each Party. For the avoidance of doubt, each Party may require the other to enter into a separate confidentiality agreement before sharing any such information, and;
- (b) establish a working relationship targeted to the Parties' specific requirements and interests.

#### **6. COOPERATION**

The Parties agree to cooperate to:

- (a) organise a committee of representative academics from each Party to identify the areas of possible collaborative learning and teaching and development projects through email correspondence, tele/video conferencing or visit to each other's facilities;
- (b) encourage joint externally funded educational projects;
- (c) encourage exchange between the Parties of staff and students working in the Field.

The costs incurred by a Party in facilitating the activities associated with this cooperation, including any exchange of staff and postgraduate students between the respective institutions, will be the sole responsibility of that institution unless other arrangements have been agreed by the Parties in writing.

The Parties will use reasonable endeavours to foster academic collaboration between the institutions throughout the term of this Memorandum of Understanding.

## **7. INTELLECTUAL PROPERTY**

This Memorandum of Understanding does not transfer any interest in or rights to intellectual property of any Party.

It is envisaged that all intellectual property will be developed under, and ownership shall be determined by, respective written agreement covering the specific educational activity on an individual project basis. Should the Parties collaborate to develop any intellectual property under this collaboration which is not subject to an individual written agreement, the intellectual property shall be owned jointly by the Parties as tenants in common and each Party grants the other an irrevocable, worldwide, non-exclusive, royalty-free license to use the intellectual property for their own internal, non-commercial, teaching and research purposes.

## **8. AGREEMENTS**

The Parties shall wherever necessary enter into written agreements to facilitate the implementation of the specific educational program. Such agreements will cover all relevant aspects of the educational program including but not limited to funding, responsibilities and contributions of each Party, intellectual property ownership and protection, confidentiality, risk allocation and indemnity obligations to be undertaken by each Party.

## **9. TERM**

The term of this Memorandum of Understanding will commence on the date of execution for a period of three (3) years. The Memorandum of Understanding may be extended for a further period of up to three (3) years by the mutual agreement in writing of the Parties under mutually agreed terms and conditions.

Either Party may terminate this Memorandum of Understanding at any time during the term by the provision of three (3) months written notice of termination to the other Party.

## **10. VARIATION**

A provision of this Memorandum of Understanding may not be varied or modified except by a separate written instrument which is signed by a duly authorised signatory of each Party.

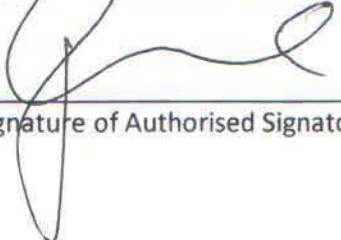
## **11. SETTLEMENT OF DISPUTES**

Any dispute, controversy or difference as to the interpretation of this Memorandum of Understanding will be settled amicably by mutual consent between the two Parties.

## **12. PUBLICATIONS**

The use of the name, logo and/or official emblems of the Parties on any publication, document and/or paper will require prior permission of both Parties.

Signed for and on behalf of CURTIN UNIVERSITY by

  
Signature of Authorised Signatory

Professor Jill Downie  
Deputy Vice-Chancellor Academic

Name

Title

Date

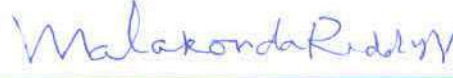
10/07/19

In the presence of

  
Signature of Witness

Name David Gibson

Signed for and on behalf of CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY by

  
Signature of Authorised Signatory

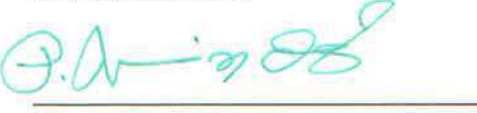
**PRESIDENT**  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad-500 075.

Dr. V. Maheswara Reddy  
Name

PRESIDENT  
Title

27 07 2019.  
Date

In the presence of

  
Signature of Witness

Dr. P. Ravinder Reddy  
Name

**PRINCIPAL**  
Chaitanya Bharathi Institute  
of Technology  
GANDIPET, R. R. (Dist.)  
HYDERABAD - 500 075



## MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding (MOU) is signed on 14th Oct 2019.

Between

**M/S.DRS DILIP ROADLINES Limited.**, Secunderabad, a company incorporated under the Indian Companies Act, 1956, having its Registered and Corporate office 306, 3<sup>rd</sup> Floor, Kabra Complex 61 – M.G. Road, Secunderabad – 500003 Telangana, India, represented by its

General Manager (Corporate), M. N. Rao referred to as the '**Company**' (Which term shall unless repugnant to the context **mean** and include its successors-in-interest and permitted assignees) of the ONE PART.

AND:

**CBIT - School of Management Studies**, located at Gandipet, Hyderabad, represented by its **Head-Industry Institution Interaction**, V.BALAJI KESAVA RAO, hereinafter referred to as the '**Institute**'(which term shall unless repugnant to the context mean and include his heirs, legal representatives, assignees, executors and administrators) of the SECOND PART: each a 'party' and collectively the 'parties'.

WHEREAS

The Company recognizes that it is desirous of providing **Career Guidance** to the students of the institute. This service will help students understand the job opportunities available to them in the all branches and subsidiaries of the Company across India and Abroad. The Company wants to become an authorized Logistics service provider as well as Packers and movers services to the students and employees of the Institute.

AND

The Institute recognizes and accepts that the Career Guidance will facilitate unbiased dissemination of information to those students desirous to be placed in the Company, through **Internships, Mini Projects/Major Projects and Final Placements**.

Therefore, both the 'Company' and 'Institute' agree as follows:

  
**DRS**  
**Dilip RoadLines**  
**Limited**

### **Statement of Intent:**

Through this agreement, both the 'Company' and 'Institute' intends to facilitate collaboration and cooperation in the areas of mutual interest for the purpose of enhancing access to the Company Facilities and Services.

### **Scope:**

Each Party agrees to give due consideration to any request to collaborate and cooperate on any of the following areas:

- On Campus Help Desk
- Internships to MBA students in the Company
- Career Guidance and pre-placement talks by the Company Officials to the students of the institute.
- Guest Lectures by the Industry Experts of the Company to the Students of the Institute.
- Campus Recruitment Drives by the Company to the Students of the Institute.
- Consultancy Projects/Assignments/Research Projects by the institute's Professors/Faculty Members for the benefit of the Company as a whole.
- Student Development and Training Programs
- Packers and Movers services to all Students & Employees
- Logistics services
- Warehousing facilities
- DRS International Schools/Edify schools admissions

### **Activity Agreements:**

The Parties shall only undertake joint activities pursuant to a jointly-authored contract, properly signed by all parties.

### **Duration:**

This Agreement takes effect on the date both Parties have signed for an initial period of 3 years renewed or terminated thereafter under mutual consent.

### **Modification or Termination:**

This Agreement will become effective when signed by both parties. The agreement will remain in effect for three years from the signature date, below, and may be renewed or amended by mutual agreement of the parties. The parties agree to periodically review the

activities undertaken and the progress made and to consult concerning amendments, renewal or termination of this Agreement. Either party may terminate this Agreement at any time by providing written notice of 'three months' such termination to the other party.

**Signature and Notices:**

*Accepted and Agreed*

For Chaitanya Bharathi Institute of Technology  
CBIT-School of Management Studies  
SMS Department

Signed: \_\_\_\_\_

V.B.K. RAO

Asst. Professor  
Printed Name: Mr. BALAJI KESAVA RAO

Head-Industry Institution Interaction

Date:

*Accepted and Agreed*

M/S.DRS DILIP ROAD LINES, Hyderabad

Signed: M. Nagaraj

M. N. Rao

General Manager (Corporate),

Date: 14/10/2019



---End of the Document---

## MOUS

- Memorandum of Understanding was signed between CBIT and DRS Agarwal Packers and movers on 14<sup>th</sup> Oct 2019 for mutual assistance for Guest lectures, Industrial Visits, Internships, Placements and zero fee consultancy projects.



Sri. V. Balaji Kesava Rao (Assistant Professor in Practice) has signed MoU with Mr. M. Nageshwar Rao, General Manager, Corporate Affairs, DRS Agarwal Packers and movers





**MEMORANDUM OF UNDERSTANDING**

The Memorandum of Understanding (MOU) is signed on October 2019.

Between

**NAVATA ROAD TRANSPORT** Hyderabad, a company incorporated under the Indian Companies Act, 1956, having its Registered and Corporate office Plot No. 1, Block No. 1, Auto Nagar, Hyderabad. 500070 Telangana, India, represented by

Its Partner, P. Ramesh Kumar referred to as the '**Company**' (Which term shall unless repugnant to the context **mean** and include its successors-in-interest and permitted assignees) of the ONE PART.

AND:

**CBIT - School of Management Studies**, located at Gandipet, Hyderabad, represented by its **Head-Industry Institution Interaction**, V.BALAJI KESAVA RAO, hereinafter referred to as the '**Institute**'(which term shall unless repugnant to the context mean and include his heirs, legal representatives, assignees, executors and administrators) of the SECOND PART: each a 'party' and collectively the 'parties'.

**WHEREAS**

The Company recognizes that it is desirous of providing **Career Guidance** to the students of the institute. This service will help students understand the job opportunities available to them in the all branches and subsidiaries of the Company across India and Abroad.



AND

The Institute recognizes and accepts that the Career Guidance will facilitate unbiased dissemination of information to those students desirous to be placed in the Company, through **Internships, Mini Projects/Major Projects and Final Placements.**

Therefore, both the 'Company' and 'Institute' agree as follows:

**Statement of Intent:**

Through this agreement, both the 'Company' and 'Institute' intends to facilitate collaboration and cooperation in the areas of mutual interest for the purpose of enhancing access to the Company Facilities and Services. **All the agreed obligations are optional for both parties**

**Scope:**

Each Party agrees to give due consideration to any request to collaborate and cooperate on any of the following areas:

- On Campus Help Desk
- Internships to MBA students in the Company
- Career Guidance and pre-placement talks by the Company Officials to the students of the institute.
- Guest Lectures by the Industry Experts of the Company to the Students of the Institute.
- Campus Recruitment Drives by the Company to the Students of the Institute.
- Consultancy Projects/Assignments/Research Projects by the institute's Professors/Faculty Members for the benefit of the Company as a whole.
- Student Development and Training Programs
- Other such activities as may be mutually agreed upon

**Activity Agreements:**

The Parties shall only undertake joint activities pursuant to a jointly-authored contact, properly signed by all parties.

**Duration:**

This Agreement takes effect on the date both Parties have signed for an initial period of 3 years renewed or terminated thereafter under mutual consent.

**Obligation:**

Above mentioned points are completely optional for both parties and neither parties are obliged



**Modification or Termination:**

This Agreement will become effective when signed by both parties. The agreement will remain in effect for three years from the signature date, below, and may be renewed or amended by mutual agreement of the parties. The parties agree to periodically review the activities undertaken and the progress made and to consult concerning amendments, renewal or termination of this Agreement. Either party may terminate this Agreement at any time by providing written notice of 'three months' such termination to the other party.

**Signature and Notices:**

*Accepted and Agreed*

CBIT-School of Management Studies  
SMS Department

Signed: \_\_\_\_\_

Printed Name: **V.B.K. RAO**  
Asst. Professor V. BALAJI KESAVA RAO

Head-Industry Institution Interaction

Date:

*Accepted and Agreed*

M/S. NAVATA ROAD TRANSPORT, Hyderabad

Signed: \_\_\_\_\_

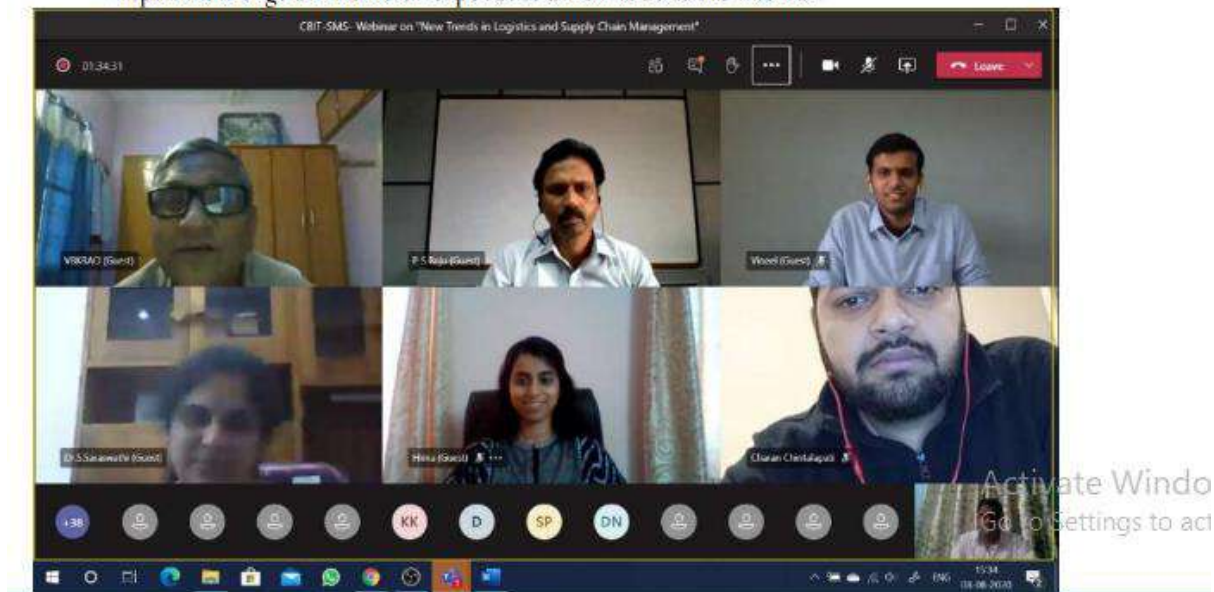
P. RAMESH KUMAR,

PARTNER,

Date: 30.10.2019

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- Mr.S Tulasi Ram, Assistant Professor and Mr.V Balaji Kesava Rao, Assistant Professor of Practice, CBIT-SMS in association with Navata Supply Chain Solutions, organized a Webinar on “New Trends in Logistics and Supply Chain Management” on 08<sup>th</sup> August 2020 from 03.30 PM to 05.30 PM. The Webinar was intended for target audience of all levels of Executives from Logistics and Transportation Industry, Academicians and Students willing to pursue their career in Logistics and Supply Chain Management. A total number of 916 individuals across the Nation and the World registered for the Webinar. The main objective of webinar was to bring Awareness on Latest and Emerging Technologies relevant to Logistics and Supply Chain Management. The outcome of the webinar was to understand and apply the latest and the best industry practices in the field of Logistics and Supply Chain Management. The key note speakers were the Practitioners. There in depth knowledge and hands-on experience added value to the webinar.



## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (herein after referred to as MoU) is entered into on this **27-03-2019** by & between

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY** herein referred as **CBIT** located at Gandipet, Hyderabad – 500075.

(FIRST PARTY)  
And

**INTERNATIONAL SCHOOL OF ENGINEERING** herein referred as **INSOFE** located at 2nd Floor, Jyothi Imperial, Vamsiram Builders, Janardana Nagar, Gachibowli, Hyderabad, Telangana 500032.

(SECOND PARTY)

Whereas INSOFE is an education institution established in 2010, focusing on corporate and individual transformation in AI, Machine Learning and other advanced technologies.

AND Whereas CBIT is the first private engineering college in Telangana established in 1979, focusing on engineering education. It's been approved by AICTE, accredited by NBA and an Autonomous institution under UGC, accredited by NAAC and affiliated to Osmania University, Hyderabad.

AND WHEREAS both the parties have agreed mutually to conduct the program on a mutually agreed terms and conditions set forth.

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

### CLAUSE 1 SCOPE OF THE MOU

- 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 student community to enhance their skills and knowledge.
- There will be 2 programs offered in the **CAMPUS OF THE COLLEGE** and one at **INSOFE**.

The programs offered at the college

**2.1 BOLD – BEST OPPORTUINITY TO LEARN DATA SCIENCE** – This program will train the students of **college** on the emerging technologies in order to bridge the skill gap and make them industry ready

2.2 EXCITE: Annual open sessions for colleges (only if BOLD programs are running). INSOFE to extend the necessary support to deliver guest lectures to the students and Faculty of the COLLEGE on the technology trends and in-house requirements

The programs offered at INSOFE

2.3 INVOLVE: Faculty development program: INSOFE to educate the Faculties of College in emerging Technologies. The duration of the program will be decided by INSOFE. **Faculty for the program to be selected by INSOFE and the College.**

- **Curriculum Design:** INSOFE will design the curriculum by taking in the valuable inputs given COLLEGE so that the students will be ready for the needs of the industry
- **BOLD, Excite and INVOLVE**
- **Infrastructure College shall** be responsible for Setting up, operating & maintaining the infrastructure required for training.
- **Promotion of the program** college must promote the BOLD program **within the campus** and among its students. **COLLEGE** must organize a session ON A REGULAR BASIS for potential students where INSOFE can explain about the programs.
- **Costs:** BOLD will have a fee. EXCITE will be offered free of cost to institutions running BOLD. INVOLVE will be free for a pre-defined number of faculty. The costs for BOLD shall be borne by the student/College as decided by the college. College will help INSOFE collecting the fees.

## CLAUSE 2 the INTELLECTUAL PROPERTY

Nothing contained in this MOU shall, by expressly grant, implication,, 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 3

### GENERAL AND VALIDITY

- This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, with or **without assigning a reason.**
- Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their respective obligations.
- Neither parties will make any presentations pertaining to the other or its business or affairs, without the express written consent and approval of other. It is understood that during the course of this MoU it may be necessary for either party to disclose confidential/proprietary information to the other. The disclosure of any such information or data between the parties shall be made pursuant to an executed Confidentiality Agreement.
- There shall be no liability on the part of any party to the other arising from the termination of this MoU.

## Summary

This Memorandum of Understanding is intended to express the broad understanding of the parties regarding their working with each other to the extent possible for their mutual benefit.

Signed and delivered for and on behalf of

CBIT

Signature:

  
27/3/19  
PRINCIPAL

Chaitanya Bharathi Institute  
of Technology

Print Name: Dr. P. RAVINDER REDDY,  
HYDERABAD - 500 075

Title: Principal

Date: 27-03-2019



Signed and delivered for and on behalf of

INSOFE

Signature:

  
27/3/19



Print Name: SOMA GIRI PARUPALLI

Title: AVP – Business Development

Date: 27-03-2019



తెలంగాణ తెలంగాణ TELANGANA

S.No. 1676 Date: 07/08/2019

Sold to: M. ANAND KUMAR

S/o. ANANEYA SHASTRY R/O. HYDERABAD

For Whom: M/s. CENTRE FOR INNOVATIONS IN PUBLIC SYSTEMS-HYDERABAD

*Arfath Ali* V 201020

MIR ARFATH ALI  
Licenced Stamp Vendor  
Licence No: 16-04-26/2017  
# 8-2-603/A/34/1, Zehra Nagar,  
Road No. 10, Banjara Hills,  
Hyderabad-500034.  
Cell No: 9393277086



### MEMORANDUM OF UNDERSTANDING

BETWEEN

CENTRE FOR INNOVATIONS IN PUBLIC SYSTEMS (CIPS)

AND

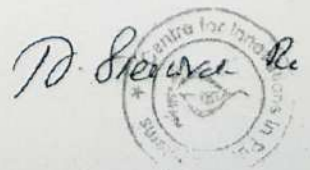
CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (CBIT)



This Memorandum of understanding is entered by and between Centre For Innovations In Public Systems (CIPS) and Chaitanya Bharathi Institute Of Technology (CBIT) on 04 Dec 2019 at CBIT, Gandipet, Hyderabad.

#### 1. Preamble

Whereas the Centre for Innovations in Public Systems (CIPS), Hyderabad, an Autonomous Centre of Administrative Staff College of India (ASCI), established by the Government of India,





located at College Park Campus (CPC) of ASCI, Road No. 3, Banjara Hills, Hyderabad. This Centre was set up in pursuance of the recommendation of the XIII Finance Commission.

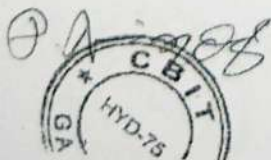
In line with its mandate and objectives, CIPS is working with State Governments, Union Territories and Government of India Organisations as well as Non-State Agencies for promoting an innovative eco-system for transforming creative ideas into Sustainable practices. CIPS is also associating with Public Institutions in State and Government of India to pursue the following activities:

- i. Identify and promote innovations in public systems in the area of management of people (capacity building), process improvement (reducing cost and improving quality), process re-engineering (introducing technology) and better service delivery to improve the well-being of the people.
- ii. Provision of learning opportunities for building capacity through training programmes, conferences, seminars, workshops, surveys, publications and development of a database on innovations in public systems for improving public services.
- iii. Track nationally and globally and disseminate different innovations and best practices in areas of health, education, skill development, urban governance, e-governance, disaster management, forest and biodiversity, land & water management and others that have positively impacted public service delivery, increased efficiency and ensured cost reduction.
- iv. Create an inventory of innovations in public systems, government departments, for knowledge management and help replicate innovations engaging all stakeholders.
- v. Act as a platform for process re-engineering in public systems through the use of technology and best practices.

Whereas, **Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad, established in the Year 1979**, is an Autonomous, Self-Financed, Private Engineering College, permanently affiliated to Osmania University and Accredited by the National Board of Accreditation. CBIT, over Four Decades has emerged as the Premier Engineering Institute in the States of Telangana and Andhra Pradesh.

## 2. Objectives

In recognition of the mutual interest in Academic, R&D Projects, Training Programs / Workshops, Research and Capacity Building shared by the **CBIT** and **CIPS**, both the Institutions agree to enter into a wide-ranging Partnership for all activities relating to Innovative Practices.



The Objective of the MoU is to establish, maintain and enhance Academic and Intellectual Interaction between the CBIT, Hyderabad and CIPS, Hyderabad through specific initiatives.

The CIPS [Party (1)] and CBIT [Party (2)], Hyderabad (herein after referred to as "the Parties" collectively or "the Party" individually) agree to collaborate in their initiatives to take up various activities through the following:

### 3. General Terms & Conditions

The Parties herein above mutually agree to enter into a Memorandum of Understanding (MOU) on the following terms and conditions namely:

- a) Party (2) shall prepare an Action plan / Operational plan to work with Party (1) related to Academic, R&D Projects, Training Programmes/ Workshops, Research and Capacity Building including Financial aspects from time to time.
- b) Party (2) shall prepare a Concept Note on the establishment of "Bamboo Social Enterprise" / "Bamboo R&D Centre" to promote Bamboo Cultivation, Marketing, Skill Development, Value addition, Knowledge Centre, Start-up in Collaboration with Party (1).
- c) Party (1) will support Party (2) with Technical Expertise, Collaboration Practices and participation in Grant call meetings for external funding opportunities.
- d) The Parties shall jointly plan a Calendar of Events for holding Meetings, Seminars, Workshops and Short-term Courses to be conducted at the Campus of either of the Parties, depending upon the availability of the Participants and their mutual convenience.
- e) Both Parties or Party (2) shall apply for Research and Development Projects for funding from State Government/Central Government/any other Agency in various related Subjects and the terms and conditions applicable to such specific Projects will be decided on mutual agreement between the Parties.
- f) The Parties hereby agree that they are not bound exclusively by this Memorandum and shall be at liberty to enter into any separate Agreements or arrangements with any third Party without reference to the other Party.
- g) Any of the Conditions, Changes, Amendments, Waivers etc. shall only be in writing duly executed by both Parties.



A handwritten signature in black ink, appearing to read "D. Sreenivasulu Reddy". To the right of the signature is a faint circular stamp, likely from CBIT Hyderabad.

h) This MoU and Amendment thereof are limited to the purpose of this MoU.

#### 4. Coordination and Appointment of Nodal Officer

The Nodal Officers appointed by both the Parties for achieving the objectives of this MoU:

Name	Ms. P. Swathi
Designation	Project Officer, CIPS
Contact No.	9701249148
e-mail ID	pswathi@cips.org.in

Name	Dr. S. Saraswathi
Designation	Associate Professor, School of Management Studies, CBIT
Contact No.	9290482334
e-mail ID	saraswathi_sms@cbit.ac.in

Coordination meetings shall be held at regular intervals to discuss the implementation of this MoU.

#### 5. Constitution of Joint Coordination Committee (JCC)

The establishment of a 'Joint Coordination Committee (JCC), with a view to provide strategic guidance and ensure execution of activities mentioned in this MoU has been constituted with the following Members:

<ul style="list-style-type: none"><li>• Director, CIPS</li><li>• Assistant Director, CIPS</li><li>• Project Officer, CIPS</li></ul>	<ul style="list-style-type: none"><li>• Advisor, CBIT</li><li>• Chairperson, Development and Purchase and Member, Board of Management, CBIT</li><li>• Principal, CBIT</li></ul>
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The meeting of the Joint Coordination Committee should be held once in every Six Months.

#### 6. Financial Implication

The Party (2) shall Pay/ Transfer to Party (1), 15% of the Total Project Amount if any, received from State, Central Governments or from any other Agency to meet the Institutional Fee, Local Transportation Charges and other minimum requirements of Staff of CIPS i.e., Party (1). Such amount may be included in the Project Budget at the time of Proposal submission. Party



*D. Swathi Reddy*

(2) shall transfer to Party (1), 15% of the total Project Amount based on the release of the amount by the Granting Agency or Government. In case of preparatory works, the Party (2) shall bear the expenditure of other experts and CIPS personnel incurred towards Air Travel, Boarding & Lodging within India or abroad undertaken in pursuance of implementing this MoU and other related works. The experts and CIPS personnel shall undertake tours within India or abroad only after obtaining express approval from Party (2). In order to kick start the work, certain Joint Tours (CIPS + CBIT) are essential. Further, CIPS shall invite a few experts to interact with representatives of CIPS & CBIT only after prior approval of Party (2).

### 7. Intellectual Property Rights

The Material/ Data supplied by one Party to the other Party for Research would be kept confidential and neither the Data nor any Report based on such Data shall be Published without the consent of the concerned Party. However, the CIPS shall document the Innovations/best Practices, disseminate and replicate the same with Consent and Consultation with Party 2.

### 8. Validity

This MoU shall remain valid for a Period of three Years from the date of its signing unless terminated earlier by serving written Notice of at least 30 days in advance by either Party and may be renewed for another 3 years by mutual consent of the Parties at least 60 days prior to the expiry of this MoU.

### 9. Dispute and Settlement

The Parties shall make best efforts to resolve all differences and disputes arising in connection with the implementation of the MoU amicably. In Case, the differences are not resolved amicably, the matter shall be referred to a Steering Committee. Failure of the Steering Committee to resolve the differences could lead to termination of this MoU. The Steering Committee is constituted with equal number of Members from the Parties:

<ul style="list-style-type: none"><li>• Assistant Director, CIPS</li><li>• Manager, Finance and Administration, CIPS</li><li>• Project Officer, CIPS</li><li>• Project Assistant, CIPS</li></ul>	<ul style="list-style-type: none"><li>• Principal, CBIT</li><li>• Director, Incubation and Entrepreneurship, CBIT</li><li>• Director, Research &amp; Development, CBIT</li><li>• Senior Accountant</li></ul>
--	--



*D. Sreevar ...*

### 10. Termination

Both Parties will have the right to terminate this MoU with One Month Notice in writing without assigning any reason. However, the termination of this MoU shall not affect any activity already in Progress.

### 11. Miscellaneous

This MoU shall not be a legally binding Contract and under no circumstance, this MoU will subject either of the Parties to Breach of Contract, whether material or minor, or to any liability under National or International Laws or to any other applicable Law.

IN WITNESS THEREOF THE PARTIES HAVE DULY EXECUTED THESE PRESENTS THE DAY MONTH AND YEAR HERE UNTO WRITTEN ABOVE.

Party 1

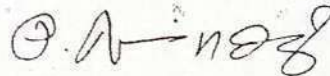
Party 2

On Behalf of Centre for Innovations in  
Public Systems, (CIPS)

On Behalf of Chaitanya Bharathi Institute  
of Technology (CBIT)



Assistant Director,



Principal,

Centre for Innovations in Public  
Systems (CIPS),  
Hyderabad, Telangana.

Chaitanya Bharathi Institute of  
Technology (CBIT),  
Hyderabad, Telangana.

Date: 04 / Dec / 2019

Date: 04.12.2019

Place: CBIT, Hyderabad

Place: CBIT, HYDERABAD



- CBIT and Centre for Innovations in Public Systems (CIPS), Hyderabad entered into an MoU on 4<sup>th</sup> December, 2019 to establish, maintain and enhance Academic, Research and Intellectual interaction through Specific initiatives particularly the establishment of “Bamboo Centre under Green Engineering Mission (GEM)” at Research and Entrepreneurship Hub of CBIT. Dr.S.Saraswathi is nominated as Nodal Officer to co-ordinate the activities under the Bamboo Mission. A Seminar is being organized at CBIT campus, Gandipet on 27<sup>th</sup> December 2019. Sri Sanjeev Karpe, MD, Konkan Bamboo Cane Development Centre (KONBAC), Maharashtra, delivered a guest lecture on “Bamboo and its utilization”.



**Dr.P.Ravinder Reddy, Principal, CBIT, Shri D. Bhasker Reddy (Advisor, RCG) have signed MoU with Dr. N Srinivasa Rao (Assistant Director, Centre for Innovations in Public Systems (CIPS) and Mr.C.Achalender Reddy, Director, Centre for Innovations in Public System**



**Sri Sanjeev Karpe, MD, Konkan Bamboo Cane Development Centre addressing the gathering**



**Shri.D. Bhasker Reddy (Advisor, RCG) felicitating Sri Sanjeev Karpe (MD, Konkan Bamboo Cane Development Centre)**

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## Automation Anywhere Course Administration Agreement (University)

This University Course Administration Agreement ("Agreement"), dated as of 31.01.2019, (the "Effective Date"), is entered into by and between Automation Anywhere, Inc., a California corporation with offices at 633 River Oaks Parkway, San Jose, CA 95134 U.S.A. (hereafter referred to as "AAI"), and Chaitanya Bharathi Institute of Technology (Autonomous) State of Telangana, India located at Near Ocean Park, Shankerpet, Road, Gandipet, Hyderabad (hereafter referred to as "University"). University and AAI are hereafter collectively referred to as the "parties".

WHEREAS, AAI is offering the "Automation Anywhere University Talent Development Program", in which enrolled students of certain universities ("Students") may attend a non-unit lab practicum course (the "Course"), taught by a faculty member directly trained and certified by AAI as an AAI trainer ("Faculty Trainer") in a classroom enabled with AAI software as an AAI Center of Excellence, after which those trained students may themselves seek accreditation as AAI trainers through testing with AAI (the "Program");

WHEREAS, University desires to participate in the Program.

THEREFORE, for good and valuable consideration as set forth below, the parties agree as follows:

### 1. Definitions.

"Center of Excellence" or "CoE" means the setup of the Software on University equipment by AAI and provision of Documentation to enable the Faculty Trainer to instruct the Students in the Course.

"Certification" means accreditation by AAI of any Student or Faculty Trainer in the Software as a result of passing an examination provided by AAI for this purpose.

"Documentation" means (a) the manuals, handbooks, and other written materials related to the Use of the Software, whether in hard copy or soft copy form, that are provided by AAI along with the Software, and (b) the training materials that the Faculty Trainer will use in instructing Students as part of the Course, as such Documentation may be updated by AAI from time to time.

"Software" means AAI's proprietary software in machine-readable, object code form only, related Documentation, and all modifications made thereto by AAI, and any updates or upgrades that AAI provides to University, in order for University to provide the Course under this Agreement.

"Use" means the installation, accessing, displaying, and operation of the AAI Software to automate business processes and tasks.

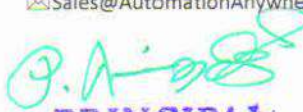
**2. Obligations.** The parties agree to each undertake and fully perform during the Term the following obligations for the success of the Program, and, except as explicitly stated in Section 2.2, such obligations will be undertaken at the respective party's sole cost and expense:

#### 2.1 AAI Obligations.

##### AAI Responsibilities:

-Provide AAI train-the-trainer courses for University's faculty (at either University's premises or remotely); and thereafter test such faculty and issue AAI trainer certification to those faculty who have successfully completed such training;



  
**PRINCIPAL**  
 Chaitanya Bharathi Institute  
 of Technology  
 GANDIPET, R. R. (Dist.)



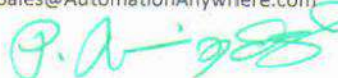


-Provide e-learning access to those Students enrolled in the Course;
-Provide the Software under the license terms in Section 3 of this Agreement;
-Work with the University to set up the CoE, including installing the Software and providing Documentation;
-Provide the University with the certification test materials needed to test Students on for Student's AAI certification;
-Issue the AAI certification to those students who have successfully completed the certification course.

## 2.2 University Obligations.

<b>University's Responsibilities</b>
-Have faculty members attend AAI train-the-trainer courses, and have those who have successfully completed such course be tested for AAI train-the-trainer certification;
-Train Students using only Faculty Trainers who at the time of the Student training are already AAI certified trainers;
-Provide Students with the opportunity to enrol in the Course, enrol Students in the Course, and conduct and oversee Student's participation in the Course;
-Advise in writing to all enrolled and prospective Students that neither the Student's completion of the Course nor the Student's Certification provides any assurance of any employment by any of the parties to this Agreement;
-Provide the physical space(s) needed for Students to take the Course and to engage in learning and training certification activities;
-As part of providing the physical space(s), obtain and maintain appropriate insurance coverages as mandated by applicable law;
-Provide and maintain the computers and all related equipment necessary for the successful implementation and running of the CoE;
-make the CoE available for Students to use for their Course-related learning activities, and have the use of the CoE be supervised by the Faculty Trainer;
-Support, encourage and drive Students to progress through the Course;
-Provide AAI with written feedback on Student progress, including any impediments to progress, and feedback on the Course itself ("Feedback");
-Take measures to ensure that neither the University, its personnel, its faculty, or other agents charge Students any fees to enrol in and complete the Course;
-For those Students who have completed the Course, offer and proctor a Certification test using AAI-provided Certification testing materials;
-Take measures to ensure that the results of each Student's Certification test are true and accurate, including but not limited to closely proctoring and monitoring student Certification testing so that cheating or other conditions affecting testing accuracy do not occur;
-Reimburse AAI for reasonable costs of travel, accommodations, and incidental expenses, as incurred by AAI representatives while setting up the CoE.



  
**PRINCIPAL**  
 Chaitanya Bharathi Institute  
 of Technology  
 GANDIPET, R. R. (Dist.)  
 500 075



### 3. Limited University License.

3.1 *License.* Subject to the terms and conditions of this Agreement, AAI grants University a limited, non-exclusive, non-transferable, non-production license to Use the Software during the Term only for University's Use for the express purpose of providing the Course to Students in connection with Program. For clarity, University may not Use the Software for its own internal use.

3.2 *Restrictions.* The Software is licensed, not sold. Title to the Software and all associated intellectual property rights are retained by AAI and/or its suppliers. All rights in the Software not expressly granted hereunder are reserved. University shall not modify, enhance, translate, supplement, create derivative works from, reverse engineer, reverse compile or otherwise reduce the Software to human readable form. University shall not remove any copyright or other proprietary notices contained in the Software. University shall not cause or permit: (a) competitive analysis, benchmarking, or the Use, evaluation or viewing of the Software or Documentation for the purpose of designing, modifying, or otherwise creating any software program, or any portion thereof, that performs functions similar to the functions performed by the Software; or (b) any of the following: (i) copying (except as set forth herein), (ii) sublicensing, or (iii) providing access or other dissemination of the Software, in whole or in part, to any third party. No right, title or interest in or to any AAI trademark, service mark, trade name, or logo of AAI or its licensors is granted under this Agreement.

3.3 *Warranty Disclaimer.* AAI **DISCLAIMS ALL WARRANTIES AS TO ANY MATTER WHATSOEVER, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, AND THE SOFTWARE IS PROVIDED "AS IS". TO THE EXTENT THE LAWS OF UNIVERSITY'S JURISDICTION DO NOT PERMIT SUCH DISCLAIMER WITH RESPECT TO THE SOFTWARE AS LICENSED HEREUNDER, AAI PROVIDES ONLY THE MINIMUM LAWFUL WARRANTY BEYOND THAT WARRANTY EXPRESSLY MADE ABOVE AND DISCLAIMS ALL WARRANTIES TO THE EXTENT PERMITTED BY APPLICABLE LAW.**

### 4. Confidentiality

4.1 *Confidential Information.* "Confidential Information" means with respect to AAI information, the Documentation, Software, any results of any testing or analysis of the Software or Documentation by any party and any Feedback regarding the Course, and with respect to any party's information, all information that: (a) is marked as confidential or proprietary; (b) is disclosed verbally and identified as confidential or proprietary at the time of disclosure; or (c) by its nature is normally and reasonably considered confidential.

4.2 *Non-Disclosure and Restrictions on Use.* As a result of the relationship entered into by the parties under this Agreement, the parties acknowledge that they may from time to time require or gain access to Confidential Information of the other party. The receiving party: (a) shall hold all Confidential Information in confidence; (b) shall use the Confidential Information only for the purposes expressly permitted herein; (c) shall reproduce the Confidential Information only to the extent necessary for such purpose; (d) shall restrict disclosure of the Confidential Information to its employees, consultants, agents and representatives with a valid need to know in connection with this Agreement and who are bound to protect the confidentiality of such Confidential Information (and shall advise such employees, agents and representatives of the obligations assumed herein); and (e) shall not disclose or cause to be disclosed the Confidential Information to any third party without prior written approval of the disclosing party, except as allowed under (d) above.



*[Signature]*  
**PRINCIPAL**  
 Chaitanya Bharathi Institute  
 of Technology  
 GANDIPET, R. R. (Dist.)  
 HYDERABAD - 500 075



4.3 *Confidentiality Exceptions.* The foregoing confidentiality restrictions shall not apply to Confidential Information that: (a) is or becomes a part of the public domain through no wrongful act or omission of the receiving party; (b) was in the receiving party's lawful possession prior to the disclosure and had not been obtained by the receiving party either directly or indirectly from the disclosing party; (c) is lawfully disclosed to the receiving party by a third party without restriction on disclosure; (d) is independently developed by the receiving party without reference to or reliance on the Confidential Information; or (e) that the disclosing party agrees in writing is free of such restrictions.

## 5. Indemnity.


5.1 *Indemnification Obligation.* Each party (the "Indemnifying Party") will defend the other party, and its employees, directors, agents, and representatives (collectively, the "Indemnified Party"), from any actual or threatened third party claim to the extent that it arises from: (a) the Indemnifying Party's breach of its confidentiality obligations in Section 4; (b) any alleged infringement by the Indemnifying Party of any third party intellectual property rights; (c) the negligent acts, omissions, negligence or willful misconduct of the Indemnifying Party in the performance of its obligations pursuant to this Agreement; (d) the failure of the Indemnifying Party to comply with, and any liabilities arising under, any applicable law (each, a "Claim").

5.2 *Indemnification Procedures.* The parties' respective indemnification obligations above are conditioned on: (a) the Indemnified Party giving the Indemnifying Party prompt written notice of any Claim; (b) the Indemnifying Party having full and complete control over the defense and settlement of the Claim; (c) the Indemnified Party providing assistance in connection with the defense and settlement of the Claim as the Indemnifying Party may reasonably request; and (d) the Indemnified Party complying with any settlement or court order made in connection with the Claim. The Indemnifying Party will indemnify the Indemnified Party against: (i) all damages, costs, and attorneys' fees finally awarded against any of them by a court of competent jurisdiction in any Claim under this Section 5; (ii) all out-of-pocket costs (including reasonable attorneys' fees) reasonably incurred by any of them in connection with the defense of the Claim (other than attorneys' fees and costs incurred without the Indemnifying Party's consent after it has accepted defense of such Claim); and (iii) if any Claim arising under this Section is settled by the Indemnifying Party or with its approval, then the Indemnifying Party will pay any amounts to any third party agreed to by the Indemnifying Party in settlement of any such Claims.

5.3 *Indemnification Limitations for Third Party Infringement Claims.* An Indemnifying Party will have no obligation under this Section 5 or otherwise solely to the extent the claim is based on: (i) any combination of the Indemnifying Party's technology, products, or services with technology, products or services not provided by the Indemnifying Party; (ii) use of Indemnifying Party's technology, products or services for a purpose or in a manner for which the technology, products or services were not designed; (iii) any modification to Indemnifying Party's technology, products or services made without Indemnifying Party's express written approval, (v) any modifications made to the technology, products or services by Indemnifying Party pursuant to the Indemnified Party's specific instructions, or (vii) any intellectual property right owned or licensed by the Indemnified Party.

5.4 THIS SECTION 5 STATES AN INDEMNIFIED PARTY'S SOLE AND EXCLUSIVE REMEDY AND THE INDEMNIFYING PARTY'S ENTIRE LIABILITY FOR ALL THIRD-PARTY CLAIMS.



  
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## 6. Limitation of Liability

6.1 NETHER PARTY SHALL BE LIABLE FOR: (A) ANY PUNITIVE, SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING ANY COST OF PROCUREMENT OF SUBSTITUTE SOFTWARE, LOSS OF USE, DATA, BUSINESS, OR PROFITS), REGARDLESS OF THE THEORY OF LIABILITY OR WHETHER THE LIABLE PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES; OR (B) AGGREGATE DAMAGES IN EXCESS OF US\$5000.

6.2 *Limitation of Liability Exclusions.* The limitations of liability set forth in Section 6.1 above do not apply to, and each party accepts liability to the other for: (a) damages related to claims that are the subject of indemnification under this Agreement, (b) claims based on either party's intentional breach of its obligations set forth in Section 4 (Confidentiality), and (c) either party's unauthorized use, distribution, or disclosure of the other party's intellectual property.

## 7. Term and Termination.

7.1 *Agreement Term.* This Agreement is effective as of the Effective Date for a three (3) year period thereafter ("Term"). For clarity, the license granted to University in Section 3 will terminate immediately upon termination or expiration of the Term. Prior to the expiration of the Term, the parties may amend this Agreement to extend its term.

7.2 *Termination.* Notwithstanding the foregoing, this Agreement may be terminated (a) by AAI for any reason upon sixty (60) days' notice to University, and (b) any party immediately upon written notice if another party materially breaches any of its obligations under this Agreement and fails to cure such breach within thirty (30) days following receipt of written notice.

7.3 *Effect of Termination.* Upon the effective date of termination of this Agreement: (a) University's license to the Software ceases, and University shall immediately remove all copies of the Software from all systems owned or controlled by University. Each party will securely destroy all copies of Confidential Information of the other party in its possession except as required to comply with any applicable legal or accounting record keeping requirement.

## 8. General.

8.1 *Export.* University agrees not to export, or allow the export or re-export of any Software, or of information regarding any Software in violation of any export laws, restrictions and regulations of the Department of Commerce or other United States or foreign agency or authority.

8.2 *Business Practices.* University will: (a) conduct its business (including, without limitation, performance of its obligations under this Agreement) in a manner that reflects favorably on the goodwill and reputation of AAI; and (b) avoid deceptive, misleading or unethical practices detrimental to AAI, its Software and services offerings, or the public, including, without limitation, by refraining from making any representations or warranties to any third party with respect to the features or capabilities of any AAI courses or training certifications, AAI products or services, that are inconsistent with the literature and documentation distributed by AAI.

8.3 *Anti-Corruption.* The parties each represent and warrant that neither it, nor any of its subsidiaries, nor any of their respective directors, officers, employees or agents have taken any action, directly or indirectly, that would constitute a violation, or implicate AAI in a violation, of any law of any jurisdiction in which it performs business, or of the United States of America, including without limitation, the Foreign



*P. Anand*  
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Corrupt Practices Act of 1977, as amended ("FCPA"), and where applicable, any anti-bribery/corruption legislation ("Anti-Bribery Act") enacted by countries in which it is incorporated as an entity, including, but not limited to, the country or countries in which it is to perform under this Agreement (collectively, "Anti-corruption Laws"). University, and, to its knowledge, its affiliates have conducted their businesses in compliance with such Anti-corruption Laws and have instituted and maintain policies and procedures designed to ensure, and which are reasonably expected to continue to ensure, continued compliance therewith.

8.4 *Third-Party Software.* The Software contains and is distributed with open source software that is covered by a different license, and AAI's obligations set forth in this Agreement do not extend to any such open source software. University agrees that all such open source software shall be and shall remain subject to the terms and conditions under which it is provided.

8.5 *Governing Law and Jurisdiction.* This Agreement and all matters relating to this Agreement shall be governed by, and construed in accordance with the following laws:

1. If University is located outside of the United States, then any dispute arising out or in connection with this Agreement, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration under the LCIA Rules (the "Rules"), which Rules are deemed to be incorporated by reference into this clause. The number of arbitrators shall be three. The seat, or legal place, of arbitration shall be London. The language to be used in the arbitral proceedings shall be English.
2. If University is located within the United States, then the governing law of this Agreement shall be the substantive law of California. Jurisdiction shall be of the State of California (without giving effect to the choice of law principles thereof). Any action based on or arising out of this Agreement or the Services shall be brought and maintained exclusively in any state or federal court, in each case located in Santa Clara County.


The parties hereby expressly and irrevocably submits to the jurisdiction of the above-referenced courts for the purposes of any such action and expressly and irrevocably waives, to the fullest extent permitted by law, any objection which it may have or hereafter may have to the laying of venue of any such action brought in any such court and any claim that any such action has been brought in an inconvenient forum.

8.6 *Injunctive Relief.* The parties acknowledge that any breach of the confidentiality provisions or the unauthorized use of a party's intellectual property may result in serious and irreparable injury to the aggrieved party for which damages may not adequately compensate the aggrieved party. The parties agree, therefore, that, in addition to any other remedy that the aggrieved party may have, it shall be entitled to seek equitable injunctive relief without being required to post a bond or other surety or to prove either actual damages or that damages would be an inadequate remedy.

8.7 *Force Majeure.* A party is not liable under any Agreement for non-performance (other than failure to pay) caused by events or conditions beyond that party's reasonable control, if the party makes reasonable efforts to perform.

8.8 *Parties' Relationship.* The parties agree that this Agreement is non-exclusive, and no party will be prevented from entering into similar arrangements with other third parties. The parties are independent contractors of each other in the performance of the obligations of this Agreement. Notwithstanding the identification of "Partner" in this Agreement, neither party will be considered the legal partner of the other



  
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party in any respect, and nothing in this Agreement or in the performance hereof will create or imply any joint venture, franchisee-franchisor relationship, or principal-agent relationship between the parties. No party will have any right, power or authority to create any obligation, express or implied, on behalf of the other party.

8.9 *Binding Nature; Assignment.* This Agreement shall be binding on the respective parties thereto and their respective permitted successors and assigns; provided, however, that University shall not assign, delegate, or otherwise transfer this Agreement or any of its rights or obligations to a third party without the prior written consent of AAI; any other attempted assignment shall be void.

8.10 *Notices.* Ordinary day-to-day operational communications may be conducted by email or telephone communications. Any other notice required by this Agreement shall be made in writing and given by (a) personal delivery, (b) prepaid, first class, certified mail, return receipt requested, (c) email (with a duplicate notice sent promptly by one of the other methods in this Section), or (d) courier service of recognized standing (with confirmation of receipt); in any case to the receiving party, "Attention: Legal" at its address set forth in the heading to this Agreement, or to a different address of which the addressee party has notified the other in accordance with this Section. Any notice given in conformance with this Section shall be effective upon actual delivery or refusal of delivery.

8.11 *Headings.* Section headings are included for convenience or reference only and are not intended to define or limit the scope of any provision of this Agreement and should not be used to construe or interpret this Agreement.

8.12 *Survival; Interpretation; Severability.* All provisions which are intended by their nature to survive, shall survive such performance, or the expiration or termination of this Agreement, including without limitation those relating to limitation of liability, and infringement indemnity. Each provision of this Agreement shall apply to the fullest extent of the law, whether in contract, statute, tort (such as *negligence*) or otherwise, notwithstanding the failure of the essential purpose of any remedy. If any provision of this Agreement shall for any reason be held illegal or unenforceable, such provision shall be deemed severable from the remaining provisions of this Agreement and shall in no way affect or impair the validity or enforceability of the remaining provisions of this Agreement, unless such omission would frustrate the intent of the parties, in which case this Agreement may be reformed to give effect to the other provisions hereof.

8.13 *Entire Agreement; Modification and Waiver.* This Agreement constitutes the entire understanding between the parties with respect to the subject matter hereof, and no other terms or conditions set forth in any other document provided by University shall be part of any this Agreement unless specifically accepted by AAI in writing. No modification of this Agreement will be binding unless in writing and signed by an authorized representative of each party. Any express waiver or failure to exercise promptly any right under this Agreement will not create a continuing waiver or any expectation of non-enforcement. There are no third-party beneficiaries to this Agreement.



*P. N. Rao*  
**PRINCIPAL**  
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 of Technology  
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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by duly authorized officers or representatives as of the Effective Date.

**AUTOMATION ANYWHERE, INC.**

**UNIVERSITY: Chaitanya Bharathi Institute of Technology**

DocuSigned by:  
Bob Baker  
By: Bob Baker  
Name: Bob Baker  
Title: Vice President, Corporate Operations  
Date: 2/22/2019

By: Dr. P. Ravinder Reddy  
Name: Dr. P. Ravinder Reddy  
Title: Principal  
Date: 31.01.2019

**PRINCIPAL**  
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END OF DOCUMENT



❖ **INDUSTRIAL TRAINING PROGRAM IN RPA BY AUTOMATION ANYWHERE PVT LTD**

Automation Anywhere Pvt. Ltd and CBIT(A) collaborated with each other in the area of Robotic Process Automation (RPA) for Incubation/ Training/ Internship and other joint collaborative efforts for the benefit of CBIT(A) Students and Faculty. Automation Anywhere Pvt. Ltd is a global leader in Robotic Process Automation (RPA), empowering customers to automate end-to-end business processes with software bots. Robotic Process Automation enables users with tools to create their own software robots to automate any business process. The objective of CBIT-RPA program is to understand the concepts of Digital Workforce Development & Robotic Process Automation, describe how Automation Anywhere's RPA tool can be used for creating software robots and the new features of the Automation Anywhere client to build the Bots

- List of events conducted by Automation Anywhere through MOU

S.No	Date	Event Name
1	24 <sup>th</sup> Jul 2018	Completion of training certificate
2	18 <sup>th</sup> Jan 2019	RPA lab setup in Placement Lab 4
3	31 <sup>st</sup> Jan 2019	MoU with Automation Anywhere
4	17 <sup>th</sup> Mar 2019	RPA lab setup at Placement
5	18 <sup>th</sup> – 21 <sup>st</sup> Mar 2019	Certification training course for students and faculty
6	17 <sup>th</sup> Oct 2019	Hands on session on "A – Listener student Nomination train at Prestige trade tower, Bengaluru by Automation Anywhere
7	20 <sup>th</sup> Nov 2019	Internal meetings for BE and ME students Training program
8	29 <sup>th</sup> Nov 2019	RPA training program for BE and ME students
9	29 <sup>th</sup> Nov 2019	One day workshop on "Introduction to RPA"
10	19 <sup>th</sup> & 20 <sup>th</sup> Dec 2019	Hands on session on "A Listener orientation program for Automation Anywhere university" at Prestige Trade Towers, Bengaluru
11	7 <sup>th</sup> Mar 2020	Internal meeting
12	10 <sup>th</sup> Mar 2020	Internal meeting
13	20 <sup>th</sup> – 24 <sup>th</sup> Jan 2020	Train the Trainee (TTT) for faculty at prestige trade towers Bengaluru
14	28 <sup>th</sup> Feb 2020	Proposal for an admission process
15	28 <sup>th</sup> Jan 2020	Report submission



16	29 <sup>th</sup> Feb 2020	Proposed for the development of CBIT admission RPA BOT
17	14 <sup>th</sup> Mar 2020	Requisition for a talk on admission process

- Details of the student attended in RPA training are given below

S.No	Roll No	Name	Section
1	160116737001	Anusha Sai K	IT-1
2	160116737002	Aruna Panga	IT-1
3	160116737003	Dixitha Kasturi	IT-1
4	160116737004	Fahmida Mahmood	IT-1
5	160116737005	Gouthami V	IT-1
6	160116737006	Gowthami Radha Ananthaneni	IT-1
7	160116737007	Haritha Chowdary	IT-1
8	160116737008	Harshyathi Reddy Yaram	IT-1
9	160116737009	Haswika Bommena	IT-1
10	160116737010	Khushbu Jindal	IT-1
11	160116737011	Khyati Polukonda	IT-1
12	160116737013	Lakshmi Harika Gamidi	IT-1
13	160116737014	Mahima Devi Allam	IT-1
14	160116737015	Meghana S	IT-1
15	160116737016	Mithula Reddy Sarasani	IT-1
16	160116737017	Nikitha Kadigari	IT-1
17	160116737018	Nikitha Kalwakolu	IT-1
18	160116737019	Pallavi Reddy Basireddy	IT-1
19	160116737020	Pranavi Mankala	IT-1
20	160116737021	Roshni Gaddam	IT-1
21	160116737022	Shreya Nelakonda	IT-1
22	160116737023	Sona Gudur	IT-1
23	160116737024	Soni Gudur	IT-1
24	160116737025	Sonikaa Saii Lakshmi Possimsetty	IT-1
25	160116737026	Spandana Chopa	IT-1
26	160116737027	Sravanthi Mudireddy	IT-1
27	160116737028	Sree Lekha Dacheipalli	IT-1
28	160116737029	Srinikitha Noothi	IT-1
29	160116737030	Sushma Kumbham	IT-1
30	160116737031	Varshitha Chava	IT-1
31	160116737032	Yashaswi Kandimalla	IT-1
32	160116737033	Aashrith Sangani	IT-1
33	160116737034	Anantha Rohan Parankusham	IT-1
34	160116737035	Balaji Dharamsoth	IT-1

35	160116737036	Bhargav Ramanuja Charyulu Kilambi	IT-1
36	160116737037	Dattu Maddur	IT-1
37	160116737038	Hariharan Ragam	IT-1
38	160116737039	Jagadeeshwar Reddy	IT-1
39	160116737040	Kiran Boravellie	IT-1
40	160116737041	Kushal Palvai	IT-1
41	160116737042	Manideep Chenna	IT-1
42	160116737043	Mohammed Zia Uddin	IT-1
43	160116737044	Neelkanth P	IT-1
44	160116737045	Nikhil Vanapalli	IT-1
45	160116737046	Nithin Limbagiri	IT-1
46	160116737047	Prabhas Chakravarthy	IT-1
47	160116737048	Pranav Marla	IT-1
48	160116737049	Rahul Reddy Baddam	IT-1
49	160116737050	Rohan Bolusani	IT-1
50	160116737051	Sai Kumar Vengali	IT-1
51	160116737052	Sandeep Varma Mudundi	IT-1
52	160116737053	Sai Janardhan Reddy Ramreddy	IT-1
53	160116737054	Saikiran Durgam	IT-1
54	160116737055	Santosh Reddy Thumula	IT-1
55	160116737056	Satish Tirumalapudi	IT-1
56	160116737057	Sesha Sai Hemanth Kolli	IT-1
57	160116737058	Srinivas G	IT-1
58	160116737060	Venkata Vamsi Medidi	IT-1
59	160116737123	Anusha Mylavarapu	IT-1
60	160116737124	Ananya Yeruva	IT-1
61	160116737301	Yeshwant Reddy Kesari	IT-1
62	160116737302	Ajay Sakinala	IT-1
63	160116737303	Keerthana Reddy	IT-1
64	160116737305	Lingam G	IT-1
65	160116737306	Machendar G	IT-1
66	160116737307	Suman Kore	IT-1
67	160116737308	Mamindla Venukumar	IT-1
68	160116737309	Mohammad Abbu	IT-1
69	160116737310	Rakesh Pothula	IT-1
70	160116737312	K Tharun Kumar	IT-1
71	160115737093	Arsalan Khan	IT-2
72	160115737095	Don Richardson	IT-2
73	160115737103	Amgothu Rambabu	IT-2
74	160116737062	Akaanksha Maddipati	IT-2
75	160116737063	Bhavana Jampala	IT-2

77	160116737065	Harika Sammeta	IT-2
78	160116737066	Venkatreddygari Hyndavi	IT-2
79	160116737067	Keerthi Annarapu	IT-2
80	160116737068	Aiswarya Jayanthi	IT-2
81	160116737069	Likhitha Thalakanti	IT-2
82	160116737070	Eedulla Madhuri	IT-2
83	160116737071	Naazneen Kauser	IT-2
84	160116737072	Nikitha Chola	IT-2
85	160116737073	Nishitha Gampa	IT-2
86	160116737074	Sai Divya Mulukala	IT-2
87	160116737075	Sai Mona Duvvapu	IT-2
88	160116737076	Nayani Sai Nikhita	IT-2
89	160116737077	Sameera Pokala	IT-2
90	160116737078	Sangeetha Ramtenky	IT-2
91	160116737079	Shruthi Akuthota	IT-2
92	160116737080	Pasupula Sneha	IT-2
93	160116737081	Tejaswi Nune	IT-2
94	160116737082	Vanitha Kunta	IT-2
95	160116737083	Achanti Venkata Sai Soudamini	IT-2
96	160116737084	Aashish Porwal	IT-2
97	160116737085	Kogur Aditya	IT-2
98	160116737086	Avinassh Bharadhwaj	IT-2
99	160116737087	Balaji Phani Pranav	IT-2
100	160116737088	Chandra Shekhar Botla	IT-2
101	160116737089	Durga Prasad Patlolla	IT-2
102	160116737090	Gone Jaya Simha Sai Shiva Reddy	IT-2
103	160116737091	Gokaraju Mahesh Varma	IT-2
104	160116737092	Manoj Kumar Reddy Janapala	IT-2
105	160116737093	Md Maheeb	IT-2
106	160116737095	Muthyam Reddy	IT-2
107	160116737096	Badam Nithesh	IT-2
108	160116737097	Paul Sampson Ledala	IT-2
109	160116737098	Pavan Kalyan Gudigandla	IT-2
110	160116737099	Pranay Datta Kavukuntla	IT-2
111	160116737100	Praneeth Prasad Vemuluri	IT-2
112	160116737101	Prathyush Kruthiventi	IT-2
113	160116737102	Praveen Kumar Vadthya	IT-2
114	160116737104	Revanth Rallabandi	IT-2
115	160116737106	Sai Bhargava Ratnala	IT-2
116	160116737107	Sai Praveen Rampalli	IT-2
117	160116737108	Sai Ruthwik Kanchanapally	IT-2
118	160116737109	Sharath Sen Reddy	IT-2

## RPA program

Automation Anywhere is a global leader in Robotic Process Automation (RPA), empowering customers to automate end-to-end business processes with software bots – digital workers that perform repetitive and manual tasks, resulting in dramatic productivity gains, improved customer experience and more engaged employees. The company offers the world's only web-based and cloud native intelligent automation platform combining RPA, artificial intelligence, machine learning and analytics right out of the box, to help organizations rapidly start and scale their process automation journey. CBIT has MoU with Automation Anywhere University from 2019 to 2022.

*Some of the Major activities conducted under this program are*

1. There are totally 3 Students & 2 Faculty took part in Training on RPA software for 3 days (i.e., 14-03-2019 to 16-03-2019) by trainer name Mr Kunal.

The following are the Details of the Participants

1. Mrs K Swathi
2. Mr U Sairam
3. Avinassh Bharadhwaj-160116737086
4. Priyanka Kodakandla-160116737320
5. Harsha E-160116737110

2. Mr Avinassh Bharadhwaj 160116737086 and Harsha E 160116737110 developed a **bot** called students marks report in the duration of 29-07-2019 to 20-08-2019.

3. Conducted **one day workshop** on "Introduction to RPA" for ME Students of CSE and IT on 29-11-2020

4. Mr Avinassh Bharadhwaj 160116737086 went for an Industry visit for 2 days (19-12-2020 to 20-12-2020) for the program **A Listener** conducted at Automation Anywhere Pvt.Ltd. Located at: Prestige Trade Tower, 12th, High Grounds, Sampangi Rama Nagar, Bangalore, Karnataka 560001

5. Faculty Name Mr U Sairam attended **5-day workshop** on RPA advanced version 11.0 conducted by automation anywhere university at Bangalore from 20th Jan-24th Jan 2020. Automation Anywhere Pvt.Ltd. Located at: Prestige Trade Tower, 12th, High Grounds, Sampangi Rama Nagar, Bangalore, Karnataka 560001.

6. Conducted one day workshop titled "**BOT ASPIRANT**" for BE students of all departments out of which more than 100 students participated in online mode on 01-06-2020.

*Now most of the students are learning RPA through Community edition provided by Automation Anywhere University and attempting for Certification.*

  
05/05/21



# COMPLETION OF TRAINING

Congratulations to

**U.Sai Ram ,**

for completing the course

**Hello Bot: Introduction To RPA**

on

**6/26/2019 12:00:00 AM**

We are thrilled to have you as a  
citizen of our Bot Economy!

[automationanywhereuniversity.com](http://automationanywhereuniversity.com)



## COMPLETION OF TRAINING

---

03/11/2020

**sairam u**

Congratulations on completing  
**"Hello Bot: Introduction To RPA"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

Go Be Great!

### **CONTINUE YOUR LEARNING**

[Role-based Learning Trails and Badges](#) | [Get RPA Certified](#)  
[Continuous Learning](#) | [Connect with your Community](#)

A handwritten signature in black ink, followed by the date '03/10/20' written below it.



## COMPLETION OF TRAINING

---

03/25/2020

**sairam u**

Congratulations on completing  
**"Build The Digital Workforce: Create Bots Using Automation  
Anywhere V11.0"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

Go Be Great!

### CONTINUE YOUR LEARNING

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[Continuous Learning](#) | [Connect with your Community](#)

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



## COMPLETION OF TRAINING

---

09/15/2019

**Avinassh Bharadhwaj**

Congratulations on completing  
**"Automating Excel Operations: Methods to Work with Excel  
Workbooks"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

Go Be Great!

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[Continuous Learning](#) | [Connect with your Community](#)





## COMPLETION OF TRAINING

---

03/09/2019

**Avinassh Bharadhwaj**

Congratulations on completing  
**"Bot Story : Where Automation meets Analytics - Bot Insight V11"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

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[Continuous Learning](#) | [Connect with your Community](#)



## COMPLETION OF TRAINING

---

09/15/2019

**Avinassh Bharadhwaj**

Congratulations on completing  
**"Bot Story: Where Automation Meets Analytics Using Bot Insight  
V10.0"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

Go Be Great!

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**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, HYDERABAD - 75**  
RPA Training Program 3 days attended Faculty and Students List

**Faculty List:**

S. No.	Name of the Faculty	Designation	Department	Email id	Contact No.
1	Mr. R. Srikanth	Asst. Professor	CSE	rsrikanth_cse@cbit.ac.in	8978259394
2	Ms. G. Shanmukhi	Asst. Professor	CSE	Shanmukhi.rama@cbit.ac.in	9949438284
3	Ms. K. Swathi	Asst. Professor	IT	Kswathi_it@cbit.ac.in	9491388749
4	Mr. U. Sai Ram	Asst. Professor	IT	Usairam_it@cbit.ac.in	8143364133
5	Mr. G. Mallikharjuna Rao	Asst. Professor	ECE	mallikharjunag@gmail.com	9866047394
6	Y. Prasada Rao	Computer Operator	Placement Office	yprasadcbit@gmail.com	9701239306

**Students List:**

S. No.	Roll No.	Name	Branch	Email id	Contact No.
1	160117862007	M. Apoorva	MCA	apoorvamadipadaga@gmail.com	9618306621
2	160116736025	Jagadish Chinthala	Mechanical -1	jagdish.jaggu369@gmail.com	8096631465
3	160116736015	Akhilesh Khadse	Mechanical -1	akhileshkhadse@gmail.com	7013735029
4	160117862018	Shaik Hafeez	MCA	shaikhafeez89@gmail.com	9704740198
5	160116737086	Avinassh Bharadhwaj	IT-2	avinasshbharadhwaj@gmail.com	9110302541
6	160116737320	Priyanka Kodakandla	IT-2	priyankakodakandla1@gmail.com	8977231298
7	160116738015	Vundela Vidya Sree	Production	vundela.vidyasree123@gmail.com	9542102749
8	160116735121	Akhila Chittireddy	ECE-3	ch.akhila123@gmail.com	9912100872
9	160116735130	Maneesha Meneni	ECE-3	maneesharao99121@gmail.com	7995319427
10	160116737110	Sree Harsha E	IT-2	etukuri.sreeharsha@gmail.com	8186833230
11	160117862022	B Lakshmi Rajyam	MCA	lakshmirajyamballaa@gmail.com	8106006757



## COMPLETION OF TRAINING

---

03/25/2020

**sairam u**

Congratulations on completing  
**"Build The Digital Workforce: Create Bots Using Automation Anywhere V11.0"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

Go Be Great!

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## COMPLETION OF TRAINING

---

09/15/2019

### **Avinassh Bharadhwaj**

Congratulations on completing  
**"Bot Story: Where Automation Meets Analytics Using Bot Insight V10.0"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

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## COMPLETION OF TRAINING

---

03/11/2020

**sairam u**

Congratulations on completing  
**"Hello Bot: Introduction To RPA"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

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## COMPLETION OF TRAINING

---

09/15/2019

### **Avinassh Bharadhwaj**

Congratulations on completing  
**“Automating Excel Operations: Methods to Work with Excel Workbooks”**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

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## COMPLETION OF TRAINING

---

03/09/2019

### **Avinassh Bharadhwaj**

Congratulations on completing  
**“Bot Story : Where Automation meets Analytics - Bot Insight V11”**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

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ANYWHERE  
UNIVERSITY**

# **COMPLETION OF TRAINING**

Congratulations to

**U.Sai Ram .**

for completing the course

**Hello Bot: Introduction To RPA**

on

**6/26/2019 12:00:00 AM**

We are thrilled to have you as a  
citizen of our Bot Economy!

[automationanywhereuniversity.com](http://automationanywhereuniversity.com)



## COMPLETION OF TRAINING

---

03/26/2020

**sairam u**

Congratulations on completing  
**“Lead the Digital Workforce: Monitor, Measure & Manage Bot performance (V11.0)”**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

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## COMPLETION OF TRAINING

---

09/15/2019

### **Avinassh Bharadhwaj**

Congratulations on completing  
**"Get More From Citrix: Process Automation Involving Citrix Environment"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

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# COMPLETION OF TRAINING

Congratulations to

**U.Sai Ram .**

for completing the course

**Hello Bot: Introduction to RPA**

on

**7/24/2018 5:30:19 AM**

We are thrilled to have you as a  
citizen of our Bot Economy!

[automationanywhereuniversity.com](http://automationanywhereuniversity.com)



## COMPLETION OF TRAINING

---

09/15/2019

### **Avinassh Bharadhwaj**

Congratulations on completing  
**"Get More From SAP: Process Automation Involving SAP Integration"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

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## COMPLETION OF TRAINING

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03/09/2019

### **Avinassh Bharadhwaj**

Congratulations on completing  
**"Hello Bot: Introduction to RPA"**  
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INSTITUTE OF TECHNOLOGY (A)**  
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



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Kindly Refer the Brochure for outcomes and benefits of the Program

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For further information, contact

CSE: Mrs G. Shanmukhi Rama -9949438284

IT : Mrs.K.Swathi-9491388749

ECE: Mr.G.Mallikharjuna Rao-9866047394



## Automation Anywhere Course Administration Agreement (University)

This University Course Administration Agreement ("Agreement"), dated as of 31.01.2019, (the "Effective Date"), is entered into by and between Automation Anywhere, Inc., a California corporation with offices at 633 River Oaks Parkway, San Jose, CA 95134 U.S.A. (hereafter referred to as "AAI"), and Chaitanya Bharathi Institute of Technology (Autonomous) State of Telangana, India located at Near Ocean Park, Shankerpally Road, Gandipet, Hyderabad (hereafter referred to as "University"). University and AAI are hereafter collectively referred to as the "parties".

WHEREAS, AAI is offering the "Automation Anywhere University Talent Development Program", in which enrolled students of certain universities ("Students") may attend a non-unit lab practicum course (the "Course"), taught by a faculty member directly trained and certified by AAI as an AAI trainer ("Faculty Trainer") in a classroom enabled with AAI software as an AAI Center of Excellence, after which those trained students may themselves seek accreditation as AAI trainers through testing with AAI (the "Program");

WHEREAS, University desires to participate in the Program.

THEREFORE, for good and valuable consideration as set forth below, the parties agree as follows:

### 1. Definitions.

"Center of Excellence" or "CoE" means the setup of the Software on University equipment by AAI and provision of Documentation to enable the Faculty Trainer to instruct the Students in the Course.

"Certification" means accreditation by AAI of any Student or Faculty Trainer in the Software as a result of passing an examination provided by AAI for this purpose.

"Documentation" means (a) the manuals, handbooks, and other written materials related to the Use of the Software, whether in hard copy or soft copy form, that are provided by AAI along with the Software, and (b) the training materials that the Faculty Trainer will use in instructing Students as part of the Course, as such Documentation may be updated by AAI from time to time.

"Software" means AAI's proprietary software in machine-readable, object code form only, related Documentation, and all modifications made thereto by AAI, and any updates or upgrades that AAI provides to University, in order for University to provide the Course under this Agreement.

"Use" means the installation, accessing, displaying, and operation of the AAI Software to automate business processes and tasks.

**2. Obligations.** The parties agree to each undertake and fully perform during the Term the following obligations for the success of the Program, and, except as explicitly stated in Section 2.2, such obligations will be undertaken at the respective party's sole cost and expense:

#### 2.1 AAI Obligations.

##### AAI Responsibilities:

-Provide AAI train-the-trainer courses for University's faculty (at either University's premises or remotely); and thereafter test such faculty and issue AAI trainer certification to those faculty who have successfully completed such training;



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-Provide e-learning access to those Students enrolled in the Course;
-Provide the Software under the license terms in Section 3 of this Agreement;
-Work with the University to set up the CoE, including installing the Software and providing Documentation;
-Provide the University with the certification test materials needed to test Students on for Student's AAI certification;
-Issue the AAI certification to those students who have successfully completed the certification course.

## 2.2 University Obligations.

<b>University's Responsibilities</b>
-Have faculty members attend AAI train-the-trainer courses, and have those who have successfully completed such course be tested for AAI train-the-trainer certification;
-Train Students using only Faculty Trainers who at the time of the Student training are already AAI certified trainers;
-Provide Students with the opportunity to enrol in the Course, enrol Students in the Course, and conduct and oversee Student's participation in the Course;
-Advise in writing to all enrolled and prospective Students that neither the Student's completion of the Course nor the Student's Certification provides any assurance of any employment by any of the parties to this Agreement;
-Provide the physical space(s) needed for Students to take the Course and to engage in learning and training certification activities;
-As part of providing the physical space(s), obtain and maintain appropriate insurance coverages as mandated by applicable law;
-Provide and maintain the computers and all related equipment necessary for the successful implementation and running of the CoE;
-make the CoE available for Students to use for their Course-related learning activities, and have the use of the CoE be supervised by the Faculty Trainer;
-Support, encourage and drive Students to progress through the Course;
-Provide AAI with written feedback on Student progress, including any impediments to progress, and feedback on the Course itself ("Feedback");
-Take measures to ensure that neither the University, its personnel, its faculty, or other agents charge Students any fees to enrol in and complete the Course;
-For those Students who have completed the Course, offer and proctor a Certification test using AAI-provided Certification testing materials;
-Take measures to ensure that the results of each Student's Certification test are true and accurate, including but not limited to closely proctoring and monitoring student Certification testing so that cheating or other conditions affecting testing accuracy do not occur;
-Reimburse AAI for reasonable costs of travel, accommodations, and incidental expenses, as incurred by AAI representatives while setting up the CoE.



  
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### 3. Limited University License.

3.1 *License.* Subject to the terms and conditions of this Agreement, AAI grants University a limited, non-exclusive, non-transferable, non-production license to Use the Software during the Term only for University's Use for the express purpose of providing the Course to Students in connection with Program. For clarity, University may not Use the Software for its own internal use.

3.2 *Restrictions.* The Software is licensed, not sold. Title to the Software and all associated intellectual property rights are retained by AAI and/or its suppliers. All rights in the Software not expressly granted hereunder are reserved. University shall not modify, enhance, translate, supplement, create derivative works from, reverse engineer, reverse compile or otherwise reduce the Software to human readable form. University shall not remove any copyright or other proprietary notices contained in the Software. University shall not cause or permit: (a) competitive analysis, benchmarking, or the Use, evaluation or viewing of the Software or Documentation for the purpose of designing, modifying, or otherwise creating any software program, or any portion thereof, that performs functions similar to the functions performed by the Software; or (b) any of the following: (i) copying (except as set forth herein), (ii) sublicensing, or (iii) providing access or other dissemination of the Software, in whole or in part, to any third party. No right, title or interest in or to any AAI trademark, service mark, trade name, or logo of AAI or its licensors is granted under this Agreement.


3.3 *Warranty Disclaimer.* AAI **DISCLAIMS ALL WARRANTIES AS TO ANY MATTER WHATSOEVER, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, AND THE SOFTWARE IS PROVIDED "AS IS". TO THE EXTENT THE LAWS OF UNIVERSITY'S JURISDICTION DO NOT PERMIT SUCH DISCLAIMER WITH RESPECT TO THE SOFTWARE AS LICENSED HEREUNDER, AAI PROVIDES ONLY THE MINIMUM LAWFUL WARRANTY BEYOND THAT WARRANTY EXPRESSLY MADE ABOVE AND DISCLAIMS ALL WARRANTIES TO THE EXTENT PERMITTED BY APPLICABLE LAW.**

### 4. Confidentiality

4.1 *Confidential Information.* "Confidential Information" means with respect to AAI information, the Documentation, Software, any results of any testing or analysis of the Software or Documentation by any party and any Feedback regarding the Course, and with respect to any party's information, all information that: (a) is marked as confidential or proprietary; (b) is disclosed verbally and identified as confidential or proprietary at the time of disclosure; or (c) by its nature is normally and reasonably considered confidential.

4.2 *Non-Disclosure and Restrictions on Use.* As a result of the relationship entered into by the parties under this Agreement, the parties acknowledge that they may from time to time require or gain access to Confidential Information of the other party. The receiving party: (a) shall hold all Confidential Information in confidence; (b) shall use the Confidential Information only for the purposes expressly permitted herein; (c) shall reproduce the Confidential Information only to the extent necessary for such purpose; (d) shall restrict disclosure of the Confidential Information to its employees, consultants, agents and representatives with a valid need to know in connection with this Agreement and who are bound to protect the confidentiality of such Confidential Information (and shall advise such employees, agents and representatives of the obligations assumed herein); and (e) shall not disclose or cause to be disclosed the Confidential Information to any third party without prior written approval of the disclosing party, except as allowed under (d) above.



  
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4.3 *Confidentiality Exceptions.* The foregoing confidentiality restrictions shall not apply to Confidential Information that: (a) is or becomes a part of the public domain through no wrongful act or omission of the receiving party; (b) was in the receiving party's lawful possession prior to the disclosure and had not been obtained by the receiving party either directly or indirectly from the disclosing party; (c) is lawfully disclosed to the receiving party by a third party without restriction on disclosure; (d) is independently developed by the receiving party without reference to or reliance on the Confidential Information; or (e) that the disclosing party agrees in writing is free of such restrictions.

## 5. Indemnity.


5.1 *Indemnification Obligation.* Each party (the "Indemnifying Party") will defend the other party, and its employees, directors, agents, and representatives (collectively, the "Indemnified Party"), from any actual or threatened third party claim to the extent that it arises from: (a) the Indemnifying Party's breach of its confidentiality obligations in Section 4; (b) any alleged infringement by the Indemnifying Party of any third party intellectual property rights; (c) the negligent acts, omissions, negligence or willful misconduct of the Indemnifying Party in the performance of its obligations pursuant to this Agreement; (d) the failure of the Indemnifying Party to comply with, and any liabilities arising under, any applicable law (each, a "Claim").

5.2 *Indemnification Procedures.* The parties' respective indemnification obligations above are conditioned on: (a) the Indemnified Party giving the Indemnifying Party prompt written notice of any Claim; (b) the Indemnifying Party having full and complete control over the defense and settlement of the Claim; (c) the Indemnified Party providing assistance in connection with the defense and settlement of the Claim as the Indemnifying Party may reasonably request; and (d) the Indemnified Party complying with any settlement or court order made in connection with the Claim. The Indemnifying Party will indemnify the Indemnified Party against: (i) all damages, costs, and attorneys' fees finally awarded against any of them by a court of competent jurisdiction in any Claim under this Section 5; (ii) all out-of-pocket costs (including reasonable attorneys' fees) reasonably incurred by any of them in connection with the defense of the Claim (other than attorneys' fees and costs incurred without the Indemnifying Party's consent after it has accepted defense of such Claim); and (iii) if any Claim arising under this Section is settled by the Indemnifying Party or with its approval, then the Indemnifying Party will pay any amounts to any third party agreed to by the Indemnifying Party in settlement of any such Claims.

5.3 *Indemnification Limitations for Third Party Infringement Claims.* An Indemnifying Party will have no obligation under this Section 5 or otherwise solely to the extent the claim is based on: (i) any combination of the Indemnifying Party's technology, products, or services with technology, products or services not provided by the Indemnifying Party; (ii) use of Indemnifying Party's technology, products or services for a purpose or in a manner for which the technology, products or services were not designed; (iii) any modification to Indemnifying Party's technology, products or services made without Indemnifying Party's express written approval, (v) any modifications made to the technology, products or services by Indemnifying Party pursuant to the Indemnified Party's specific instructions, or (vii) any intellectual property right owned or licensed by the Indemnified Party.

5.4 THIS SECTION 5 STATES AN INDEMNIFIED PARTY'S SOLE AND EXCLUSIVE REMEDY AND THE INDEMNIFYING PARTY'S ENTIRE LIABILITY FOR ALL THIRD-PARTY CLAIMS.



  
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**6. Limitation of Liability**

6.1 NETHER PARTY SHALL BE LIABLE FOR: (A) ANY PUNITIVE, SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING ANY COST OF PROCUREMENT OF SUBSTITUTE SOFTWARE, LOSS OF USE, DATA, BUSINESS, OR PROFITS), REGARDLESS OF THE THEORY OF LIABILITY OR WHETHER THE LIABLE PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES; OR (B) AGGREGATE DAMAGES IN EXCESS OF US\$5000.

6.2 *Limitation of Liability Exclusions.* The limitations of liability set forth in Section 6.1 above do not apply to, and each party accepts liability to the other for: (a) damages related to claims that are the subject of indemnification under this Agreement, (b) claims based on either party's intentional breach of its obligations set forth in Section 4 (Confidentiality), and (c) either party's unauthorized use, distribution, or disclosure of the other party's intellectual property.

**7. Term and Termination.**

7.1 *Agreement Term.* This Agreement is effective as of the Effective Date for a three (3) year period thereafter ("Term"). For clarity, the license granted to University in Section 3 will terminate immediately upon termination or expiration of the Term. Prior to the expiration of the Term, the parties may amend this Agreement to extend its term.

7.2 *Termination.* Notwithstanding the foregoing, this Agreement may be terminated (a) by AAI for any reason upon sixty (60) days' notice to University, and (b) any party immediately upon written notice if another party materially breaches any of its obligations under this Agreement and fails to cure such breach within thirty (30) days following receipt of written notice.

7.3 *Effect of Termination.* Upon the effective date of termination of this Agreement: (a) University's license to the Software ceases, and University shall immediately remove all copies of the Software from all systems owned or controlled by University. Each party will securely destroy all copies of Confidential Information of the other party in its possession except as required to comply with any applicable legal or accounting record keeping requirement.

**8. General.**

8.1 *Export.* University agrees not to export, or allow the export or re-export of any Software, or of information regarding any Software in violation of any export laws, restrictions and regulations of the Department of Commerce or other United States or foreign agency or authority.

8.2 *Business Practices.* University will: (a) conduct its business (including, without limitation, performance of its obligations under this Agreement) in a manner that reflects favorably on the goodwill and reputation of AAI; and (b) avoid deceptive, misleading or unethical practices detrimental to AAI, its Software and services offerings, or the public, including, without limitation, by refraining from making any representations or warranties to any third party with respect to the features or capabilities of any AAI courses or training certifications, AAI products or services, that are inconsistent with the literature and documentation distributed by AAI.

8.3 *Anti-Corruption.* The parties each represent and warrant that neither it, nor any of its subsidiaries, nor any of their respective directors, officers, employees or agents have taken any action, directly or indirectly, that would constitute a violation, or implicate AAI in a violation, of any law of any jurisdiction in which it performs business, or of the United States of America, including without limitation, the Foreign



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Corrupt Practices Act of 1977, as amended ("FCPA"), and where applicable, any anti-bribery/corruption legislation ("Anti-Bribery Act") enacted by countries in which it is incorporated as an entity, including, but not limited to, the country or countries in which it is to perform under this Agreement (collectively, "Anti-corruption Laws"). University, and, to its knowledge, its affiliates have conducted their businesses in compliance with such Anti-corruption Laws and have instituted and maintain policies and procedures designed to ensure, and which are reasonably expected to continue to ensure, continued compliance therewith.

8.4 *Third-Party Software.* The Software contains and is distributed with open source software that is covered by a different license, and AAI's obligations set forth in this Agreement do not extend to any such open source software. University agrees that all such open source software shall be and shall remain subject to the terms and conditions under which it is provided.

8.5 *Governing Law and Jurisdiction.* This Agreement and all matters relating to this Agreement shall be governed by, and construed in accordance with the following laws:

1. If University is located outside of the United States, then any dispute arising out or in connection with this Agreement, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration under the LCIA Rules (the "Rules"), which Rules are deemed to be incorporated by reference into this clause. The number of arbitrators shall be three. The seat, or legal place, of arbitration shall be London. The language to be used in the arbitral proceedings shall be English.
2. If University is located within the United States, then the governing law of this Agreement shall be the substantive law of California. Jurisdiction shall be of the State of California (without giving effect to the choice of law principles thereof). Any action based on or arising out of this Agreement or the Services shall be brought and maintained exclusively in any state or federal court, in each case located in Santa Clara County.


The parties hereby expressly and irrevocably submits to the jurisdiction of the above-referenced courts for the purposes of any such action and expressly and irrevocably waives, to the fullest extent permitted by law, any objection which it may have or hereafter may have to the laying of venue of any such action brought in any such court and any claim that any such action has been brought in an inconvenient forum.

8.6 *Injunctive Relief.* The parties acknowledge that any breach of the confidentiality provisions or the unauthorized use of a party's intellectual property may result in serious and irreparable injury to the aggrieved party for which damages may not adequately compensate the aggrieved party. The parties agree, therefore, that, in addition to any other remedy that the aggrieved party may have, it shall be entitled to seek equitable injunctive relief without being required to post a bond or other surety or to prove either actual damages or that damages would be an inadequate remedy.

8.7 *Force Majeure.* A party is not liable under any Agreement for non-performance (other than failure to pay) caused by events or conditions beyond that party's reasonable control, if the party makes reasonable efforts to perform.

8.8 *Parties' Relationship.* The parties agree that this Agreement is non-exclusive, and no party will be prevented from entering into similar arrangements with other third parties. The parties are independent contractors of each other in the performance of the obligations of this Agreement. Notwithstanding the identification of "Partner" in this Agreement, neither party will be considered the legal partner of the other



  
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party in any respect, and nothing in this Agreement or in the performance hereof will create or imply any joint venture, franchisee-franchisor relationship, or principal-agent relationship between the parties. No party will have any right, power or authority to create any obligation, express or implied, on behalf of the other party.

8.9 *Binding Nature; Assignment.* This Agreement shall be binding on the respective parties thereto and their respective permitted successors and assigns; provided, however, that University shall not assign, delegate, or otherwise transfer this Agreement or any of its rights or obligations to a third party without the prior written consent of AAI; any other attempted assignment shall be void.

8.10 *Notices.* Ordinary day-to-day operational communications may be conducted by email or telephone communications. Any other notice required by this Agreement shall be made in writing and given by (a) personal delivery, (b) prepaid, first class, certified mail, return receipt requested, (c) email (with a duplicate notice sent promptly by one of the other methods in this Section), or (d) courier service of recognized standing (with confirmation of receipt); in any case to the receiving party, "Attention: Legal" at its address set forth in the heading to this Agreement, or to a different address of which the addressee party has notified the other in accordance with this Section. Any notice given in conformance with this Section shall be effective upon actual delivery or refusal of delivery.

8.11 *Headings.* Section headings are included for convenience or reference only and are not intended to define or limit the scope of any provision of this Agreement and should not be used to construe or interpret this Agreement.

8.12 *Survival; Interpretation; Severability.* All provisions which are intended by their nature to survive, shall survive such performance, or the expiration or termination of this Agreement, including without limitation those relating to limitation of liability, and infringement indemnity. Each provision of this Agreement shall apply to the fullest extent of the law, whether in contract, statute, tort (such as *negligence*) or otherwise, notwithstanding the failure of the essential purpose of any remedy. If any provision of this Agreement shall for any reason be held illegal or unenforceable, such provision shall be deemed severable from the remaining provisions of this Agreement and shall in no way affect or impair the validity or enforceability of the remaining provisions of this Agreement, unless such omission would frustrate the intent of the parties, in which case this Agreement may be reformed to give effect to the other provisions hereof.

8.13 *Entire Agreement; Modification and Waiver.* This Agreement constitutes the entire understanding between the parties with respect to the subject matter hereof, and no other terms or conditions set forth in any other document provided by University shall be part of any this Agreement unless specifically accepted by AAI in writing. No modification of this Agreement will be binding unless in writing and signed by an authorized representative of each party. Any express waiver or failure to exercise promptly any right under this Agreement will not create a continuing waiver or any expectation of non-enforcement. There are no third-party beneficiaries to this Agreement.



*P. N. Rao*  
**PRINCIPAL**  
Chaitanya Bharathi Institute  
of Technology  
GANDIPET, R. R. (Dist.)  
HYDERABAD - 500 075

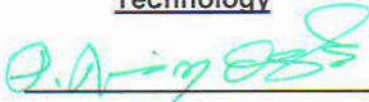


IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by duly authorized officers or representatives as of the Effective Date.

AUTOMATION ANYWHERE, INC.

UNIVERSITY: Chaitanya Bharathi Institute of Technology

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

By:   
Name: Dr.P.Ravinder Reddy  
Title: Principal  
Date: 31.01.2019

**PRINCIPAL**  
Chaitanya Bharathi Institute  
of Technology  
GANDIPET, R. R. (Dist.)  
HYDERABAD - 500 075

END OF DOCUMENT





## COMPLETION OF TRAINING

---

09/15/2019

**Avinassh Bharadhwaj**

Congratulations on completing  
**"Storing and Manipulating Data: How to Automate Database-Related Processes"**  
course at Automation Anywhere University.

With this training you have acquired skills and knowledge that will allow you to continue your journey to Robotics Process Automation success.

At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

Go Be Great!

### **CONTINUE YOUR LEARNING**

[Role-based Learning Trails and Badges](#) | [Get RPA Certified](#)  
[Continuous Learning](#) | [Connect with your Community](#)





## COMPLETION OF TRAINING

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09/15/2019

### **Avinassh Bharadhwaj**

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**“Unleash Your Intelligent Bots: Develop Cognitive Bots Driven by AI  
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*CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A),  
HYDERABAD-75*

**Report on Train The Trainee(TTT) session on RPA**

**Date and Venue:** 20<sup>th</sup> Jan-24<sup>th</sup> Jan 2020.

Automation Anywhere Pvt.Ltd.

Located at: Prestige Trade Tower, 12th, High Grounds,  
Sampangi Rama Nagar, Bangalore, Karnataka 560001

**Trainer Details:** Mr.Nitesh Kumar,

Product trainer at Automation Anywhere

**Training Agenda and Topics:**

**Day1**

- Introduction
- Web Control features with hands-on

**Day2**

- Client
- Bot Creator commands with hands-on

**Day 3**

- Bot Creator commands in detail
- Real time Industry use cases.

**Day 4**

- Bot Creator
- Meta Bot
- Bot Insight

## **Day 5**

- Key Elements of Training
- Training Delivery
- Activities
- Evaluation
- Tips for the Trainer
- Conclusion

**Participants:** Faculty from various colleges has participated.

### **The Training abridgement:**

The training was opened with an ice-breaker that required the participants to group up with other college faculty randomly. Mr. Nitesh Kumar then opened the session by welcoming the participants, asking participants to introduce themselves, and establishing the ground rules.

He then went on to the first session on the concept of Automation, beginning with a word-visualization exercise, where the participants were asked to say out loud the first word/s that came to their minds upon hearing the words “Automation”. Prerequisites and setup details are discussed in detail in the session and he then dived in to Day 1 Agenda and end of the day he used to take a knowledge check of the participants.

Every day in the training has started with a recap of the concepts that were covered in the previous day. With the training experience we publish the report as mentioned. RPA is simple and powerful business process automation software. Robotic Process Automation enables you with tools to create your own software robots to automate any business process. Your "bots" are configurable software set up to perform the tasks you assign and control. RPA bots can learn. They can also be cloned. With the prior knowledge of RPA version 10.x, this training has focused completely on Version 11.x.

In version 11.x control room is a central interface that allows you to manage and monitor all the processes of your RPA infrastructure along with Bot Insight features. It allows you to manage your Bot, monitor activities, create and manage

users and roles, monitor connected and disconnected devices, view audit logs, schedule when to run Bot, and many more.

Features of all the panels were discussed in detail and also focused on the installation prerequisites and steps of control room. The Benefits of AA RPA control room was visualized in the session with hands-on. The Automation Anywhere Enterprise Control Room provides various public APIs that allow you to customize your business automation for third party applications. It enables third-party applications to consume Robotic Process Automation (RPA), orchestrate bots, and manage the RPA data based on events.

The intuitive interface of the Automation Anywhere client provides essential features to record modify and run tasks that range from simple to more complex .All the features of RPA tool were discussed in detail with hands on session. Meta Bot was discussed in detail with respect to the motioned version.

Last Day Mr. Krishna Raju, University Relationship Manager, have addressed the participants and requested the faculty to get the students certified in RPA .All the tips and material regarding the RPA training was provided to all the participants and all are expected to take the certification. Mr.Lovneet Sharma, Sr. Executive of University Relationship of this training has concluded the training session by encouraging all the colleges to encourage students to take certification exams on RPA.

### **Outcomes of the Training**

The participants agreed on the following recommendations for their future work:

- Upgrade the version 10.7 to 11.x in the Bot Lab.
- Faculty to take Advanced certification in RPA .
- To train the students to get essential level certification in RPA.

**Submitted by /-**  
**G.Shanmukhi Rama(CSE)**  
**G. Mallikharjuna Rao(ECE)**  
**U.Sai Ram(IT)**





## COMPLETION OF TRAINING

---

09/15/2019

**Avinassh Bharadhwaj**

Congratulations on completing  
**“Working with PDF Documents: Methods to Automate PDF-Related Processes”**  
course at Automation Anywhere University.

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At Automation Anywhere, we believe that people who have more time to create, think, and discover build great companies. We wish you continued success in all your endeavors.

Go Be Great!

### **CONTINUE YOUR LEARNING**

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COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

41  
years



## About the program:

CBIT is excited to announce a short duration learning program to its students to help building critical skills on Robotic Process Automation.

In the wake of the coronavirus (Covid-19,) organizations are turning to RPA to mitigate business disruptions and advance public health, keep global supply chains moving and governments afloat.

We bring the learning program to extend the support to the students to build the skills online using Automation Anywhere University platform.

All the students are advised to take advantage of the program and stay essential at the fast-changing workforce.

## About Robotic Process Automation:

Robotic Process Automation is simple—and powerful—business process automation software.

Robotic Process Automation enables you with tools to create your own software robots to automate any business process. Your “bots” are configurable software set up to perform the tasks you assign and control.

RPA really is for everyone. And the benefits of RPA span all industries and business units. Applying RPA for business process automation is limited only by the imagination and putting bots to work has never been easier, with a growing marketplace of ready-made, ready-to-deploy Digital Workers available on demand, requiring no specialized IT infrastructure.

## About Automation Anywhere

Automation Anywhere is a global leader in Robotic Process Automation (RPA), empowering customers to automate end-to-end business processes with software bots – digital workers that perform repetitive and manual tasks, resulting in dramatic productivity gains, improved customer experience and more engaged employees. The company offers the world’s only web-based and cloud native intelligent automation platform combining RPA, artificial intelligence, machine learning and analytics right out of the box, to help organizations rapidly start and scale their process automation journey.

With offices in more than 40 countries and a global network of 1,200 partners, Automation Anywhere has deployed over 1.7 million bots to support some of the world’s largest enterprises across all industries.

For additional information visit [www.automationanywhere.com](http://www.automationanywhere.com).

## Program benefits:

- Understand the nuances of Robotic Process Automation
- Building the basic capabilities to develop Software Bots using Automation Anywhere tools and technologies
- Students will receive Bot Aspirant online badge after successful completion of the learning trail

## “BOT ASPIRANT”



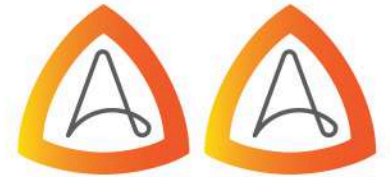
## Learning outcomes

- Understand the concepts of Digital Workforce Development & Robotic Process Automation
- Describe how Automation Anywhere’s RPA tool can be used for creating software robots (Bots)
- Describe the new features of the Automation Anywhere client to build the Bots

## Content of Learning program - 12 Hours

1. Hello Bot: Introduction to RPA and Use Cases v11 (3 hours)
2. Build the digital work force (5 hours)
3. Storing and Manipulating Data: How to Automate Database-related Processes (30 Mins)
4. Automating Excel Operations: Methods to Work with Excel Workbooks (30 Mins)
5. Working with PDF Documents: Methods to Automate PDF-Related Processes (30 Mins)
6. Automating Structured Data: How to Work with XML Streams (30 mins)
7. Automating String Operations: Methods to Manipulate and Extract Strings (30 mins)
8. Communicating with Email Servers: Methods to Automate Email Messages (30 mins)
9. Communicating with Emulators: How to Automate Terminal Applications (30 mins)
10. Unleash Your Intelligent Bots: Developing Cognitive Bots, driven by AI & Machine Learning (IQ Bot) (30 Mins)
11. Bot Story: Where Automation Meets Analytics Using Bot Insight V11.0 (2 hours)

To join the program: [Click Here](#)



**Sairam U**

AUTOMATION  
ANYWHERE CERTIFIED  
**ADVANCED RPA**  
PROFESSIONAL

ROBOTIC PROCESS AUTOMATION  
PROFESSIONAL V11.0

AAADVC-17422868

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

VP, Digital Workforce & Transformation







## MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding (MOU) is signed on 23 October 2019.

Between

**M/S.STARFING PRIVATE LIMITED.**, Hyderabad, a company incorporated under the Indian Companies Act, 1956, having its Registered and Corporate office 306, RS Towers, No 1-8-303/25,4th Floor, PG Road, Sindhi colony, Secunderabad, Telangana-500003 India, represented by its

HR Manager **SUSHMITHA REKHA** referred to as the '**Company**' (Which term shall unless repugnant to the context **mean** and include its successors-in-interest and permitted assignees) of the ONE PART.

AND:

**CBIT - School of Management Studies**, located at Gandipet, Hyderabad, represented by its **Head-Industry Institution Interaction**, **V.BALAJI KESAVA RAO**, hereinafter referred to as the '**Institute**' (which term shall unless repugnant to the context mean and include his heirs, legal representatives, assignees, executors and administrators) of the SECOND PART: each a 'party' and collectively the 'parties'.

WHEREAS

The Company recognizes that it is desirous of providing **Career Guidance** to the students of the institute. This service will help students understand the job opportunities available to them in the all branches and subsidiaries of the Company across India and Abroad.

AND

The Institute recognizes and accepts that the Career Guidance will facilitate unbiased dissemination of information to those students desirous to be placed in the Company, through **Internships, Mini Projects/Major Projects and Final Placements**.

STAR FING

No 401, 4th Floor, SMR Vinay Estate - Commercial Block Near Horamavu Junction, Dodda Banasawadi, Bangalore - 5600

TEL : 080- 41496555, E-MAIL : support@starfing.com

www.starfing.com



Therefore, both the 'Company' and 'Institute' agree as follows:

**Statement of Intent:**

Through this agreement, both the 'Company' and 'Institute' intends to facilitate collaboration and cooperation in the areas of mutual interest for the purpose of enhancing access to the Company Facilities and Services.

**Scope:**

Each Party agrees to give due consideration to any request to collaborate and cooperate on any of the following areas:

- On Campus Help Desk
- Internships to MBA students in the Company
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- Student Development and Training Programs.
- Other such activities as may be mutually agreed upon.

**Activity Agreements:**

The Parties shall only undertake joint activities pursuant to a jointly-authored contact, properly signed by all parties.

**Duration:**

This Agreement takes effect on the date both Parties have signed for an initial period of 3 years renewed or terminated thereafter under mutual consent.

STAR FING

No 401, 4th Floor, SMR Vinay Estate - Commercial Block Near Horamavu Junction, Dodda Banasawadi, Bangalore - 560043  
TEL : 080- 41496555, E-MAIL : support@starfing.com

www.starfing.com



MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding (MOU) is signed on 4<sup>th</sup> December 2019. Between **Lead Tax & Business Services Private Limited**, A company incorporated under the Indian Companies Act, 1956, having its Registered and Corporate office at Level 7 Maximus Towers, Building 2A Mindspace Complex, Hi-Tech City, Hyderabad - 500081 Telangana, India, represented by its Founder & CEO **Nanda Kumar K V** referred to as the '**Company**' (Which term shall unless repugnant to the context mean and include its successors-in-interest and permitted assignees) of the ONE PART.

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*(Handwritten Signature)*



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*GA-708*  
Principal





iLead Tax & Business Services Private Limited  
Level 7, Maxima Towers Building 2A,  
Mindspace Complex, Hi-Tech City,  
Hyderabad - 500 081

**Signature and Notices:**

**Accepted and Agreed**

CBIT School of Management Studies  
for Chaitanya Bharathi Institute of Technology  
SMS Department

Signed: \_\_\_\_\_

**MR. N. BALAJI KESAVA RAO**  
Asst. Professor  
Head - Industry Institution Interaction

Date: 4<sup>th</sup> December, 2019

**Accepted and Agreed**

**iLead Tax & Business Services Private Limited**

Signed: \_\_\_\_\_

**Mr. Nanda Kumar K V**  
Founder & CEO



Date: 4<sup>th</sup> December, 2019

*(Handwritten signature in green ink)*

iLead Tax & Business Services Private Ltd

Photo during MOU



*[Handwritten Signature]*

CBIT  
SCHOOL OF MANAGEMENT STUDIES & RESEARCH

A training program was conducted on Taxation by Mr.Nanda Kumar K V CEO and Founder of , i Lead Tax & Business Services Private Ltd on 19<sup>th</sup> December 2019.



Faculty Members and students of CBIT-SMS attended Training Program



*Say*





**Attendance List of the Students**

S. No.	Roll No.	Name of the Student	Present/absent
1	1601-19-672-001	Ashwini A	P
2	1601-19-672-002	Aziza Salma	P
3	1601-19-672-003	Bhargavi Pandikonda	P
4	1601-19-672-004	Chaitanya Kiran P	P
5	1601-19-672-005	Harshitha A	P
6	1601-19-672-006	Harshitha Durgam	A
7	1601-19-672-007	Hema Sri Hasini K	P
8	1601-19-672-008	Jayalaxmi C	P
9	1601-19-672-009	Kavita Raj Teki	A
10	1601-19-672-010	Chaitanya Kiran P	P
11	1601-19-672-011	Manju Singh Shekhawat	P
12	1601-19-672-012	Mrinalini Rao B	P
13	1601-19-672-013	Pravalika K	
14	1601-19-672-014	Preethi Muthyala	P
15	1601-19-672-015	Prema D	P
16	1601-19-672-016	Priyanka Anantharam	P
17	1601-19-672-018	Sakshi Jain	P
18	1601-19-672-020	Sarayu B	P
19	1601-19-672-021	Sirisha Manukonda	P
20	1601-19-672-022	Vyshnavi Datta Gandhi Sreeramulu	A
21	1601-19-672-023	Sujana Manapuram	P
22	1601-19-672-024	Tanishq P	A
23	1601-19-672-025	Vaishnavi M.R.	P
24	1601-19-672-026	Akshay Methri	A
25	1601-19-672-027	Aravind Vedala	P
26	1601-19-672-028	Arun Chowhan M	P
27	1601-19-672-029	Asif Khan Md	A
28	1601-19-672-030	Bharath Kondreddy	P
29	1601-19-672-031	Brahmeswara Rao Urimella	P
30	1601-19-672-032	Fayaz Kurpalli	P
31	1601-19-672-033	Hem Kumar Reddy Maryada	P
32	1601-19-672-034	Luka Emmanuel Juttike	P
33	1601-19-672-035	Naresh U V	P



34	1601-19-672-036	Nikhil Kumar Daiki	P
35	1601-19-672-037	Nilesh Konakalla	P
36	1601-19-672-038	Puneet KumarAvvaldar	P
37	1601-19-672-039	Rafiuddin Ansari Md	A
			P
38	1601-19-672-040	Raja Shekar Goud Gadamidi	
39	1601-19-672-041	Rajashekar T	P
40	1601-19-672-042	Rajesh Kaniganti	P
41	1601-19-672-043	Rakshan Gireddy JP	P
42	1601-19-672-044	Ramesh P	P
43	1601-19-672-045	Randeep Reddy M	P
44	1601-19-672-047	Sai Dinesh Rachapudi	P
			P
45	1601-19-672-049	Shashikanth Nagulapally	P
46	1601-19-672-050	Shiva Prasad Madipadiga	P
47	1601-19-672-051	Sitarama Akhil Bangaru	P
48	1601-19-672-052	Sri Hari Bandaru	P
49	1601-19-672-053	Srikanth Neerati	A
50	1601-19-672-054	Srikanth Meravath	P
51	1601-19-672-055	Srikanth S V V	P
52	1601-19-672-056	Srinivas Ch.	P
53	1601-19-672-057	Sudheer Goud Chitla	P
54	1601-19-672-058	Surya K	P
55	1601-19-672-059	Venkata Narasimha Reddy Yennam	P
56	1601-19-672-060	Venkata Sai Krishna Karthik Muktevi	P
57	1601-17-672-001	AARTI	P
58	1601-19-672-061	Aishwarya Pulpa	A
59	1601-19-672-063	Anuhya Rao Nagineni	A
60	1601-19-672-064	Divija Dinnepadu	A





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**Signature and Notices:**

*Accepted and Agreed*

CBIT-School of Management Studies  
For Chaitanya Bharathi Institute of Technology  
Signed: SMS Department

Printed Name: Mr. V.BALAJI KESAVA RAO  
V.B.K. RAO  
Asst. Professor  
Head-Industry Institution Interaction

Date: 23/10/2010

*Accepted and Agreed*

M/S.STARFING PRIVATE LIMITED, Hyderabad

Signed: Sushmitha

SUSHMITHA REKHA

HR Manager

Date: 23/10/2010

---End of the Document---

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**CBIT - School of Management Studies**, located at Gandipet, Hyderabad, represented by its **Head-Industry Institution Interaction - V.BALAJI KESAVA RAO**, hereinafter referred to as the '**Institute**' (which term shall unless repugnant to the context mean and include his heirs, legal representatives, assignees, executors and administrators) of the SECOND PART: each a 'party' and collectively the 'parties'.

WHEREAS

The Company recognizes that it is desirous of providing **Career Guidance** to the students of the institute. This service will help students understand the job opportunities available to them in the all branches and subsidiaries of the Company across India and Abroad.

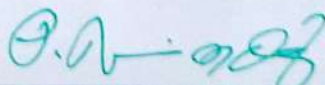
AND

The Institute recognizes and accepts that the Career Guidance will facilitate unbiased dissemination of information to those students desirous to be placed in the Company, through **Internships, Mini Projects/Major Projects and Final Placements**.

Therefore, both the 'Company' and 'Institute' agree as follows:

**Statement of Intent:**

Through this agreement, both the 'Company' and 'Institute' intends to facilitate collaboration and cooperation in the areas of mutual interest for the purpose of enhancing access to the Company Facilities and Services.




**Scope:**

Each Party agrees to give due consideration to any request to collaborate and cooperate on any of the following areas:

- On Campus Help Desk
- Internships to MBA students in the Company
- Career Guidance and pre-placement talks by the Company Officials to the students of the institute.
- Guest Lectures by the Industry Experts of the Company to the Students of the Institute.
- Campus Recruitment Drives by the Company to the Students of the Institute.
- Consultancy Projects/Assignments/Research Projects by the institute's Professors/Faculty Members for the benefit of the Company as a whole.
- Student Development and Training Programs
- Other such activities as may be mutually agreed upon

**Activity Agreements:**

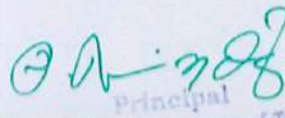
The Parties shall only undertake joint activities pursuant to a jointly-authored contact properly signed by all parties.

**Duration:**

This Agreement takes effect on the date both Parties have signed for an initial period of 3 years renewed or terminated thereafter under mutual consent.

**Modification or Termination:**

This Agreement will become effective when signed by both parties. The agreement will remain in effect for three years from the signature date, below, and may be renewed or amended by mutual agreement of the parties. The parties agree to periodically review the activities undertaken and the progress made and to consult concerning amendments, renewal or termination of this Agreement. Either party may terminate this Agreement at any time by providing written notice of 'three months' such termination to the other party.

  
Principal





iLead Tax & Business Services Private Limited  
Level 7, Maxima Towers Building 2A,  
Mindspace Complex, Hi-Tech City,  
Hyderabad - 500 081

**Signature and Notices:**

**Accepted and Agreed**

CBIT School of Management Studies  
for Chaitanya Bharathi Institute of Technology  
SMS Department

Signed: \_\_\_\_\_

**MR. N. BALAJI KESAVA RAO**  
Asst. Professor  
Head - Industry Institution Interaction

Date: 4<sup>th</sup> December, 2019

**Accepted and Agreed**

**iLead Tax & Business Services Private Limited**

Signed: \_\_\_\_\_

**Mr. Nanda Kumar K V**  
Founder & CEO



Date: 4<sup>th</sup> December, 2019

*Principal*



iLead Tax & Business Services Private Ltd

Photo during MOU



*[Handwritten Signature]*

CBIT  
SCHOOL OF MANAGEMENT STUDIES & RESEARCH

A training program was conducted on Taxation by Mr.Nanda Kumar K V CEO and Founder of , i Lead Tax & Business Services Private Ltd on 19<sup>th</sup> December 2019.



Faculty Members and students of CBIT-SMS attended Training Program



*Saty*



**Attendance List of the Students**

S. No.	Roll No.	Name of the Student	Present/absent
1	1601-19-672-001	Ashwini A	P
2	1601-19-672-002	Aziza Salma	P
3	1601-19-672-003	Bhargavi Pandikonda	P
4	1601-19-672-004	Chaitanya Kiran P	P
5	1601-19-672-005	Harshitha A	P
6	1601-19-672-006	Harshitha Durgam	A
7	1601-19-672-007	Hema Sri Hasini K	P
8	1601-19-672-008	Jayalaxmi C	P
9	1601-19-672-009	Kavita Raj Teki	A
10	1601-19-672-010	Chaitanya Kiran P	P
11	1601-19-672-011	Manju Singh Shekhawat	P
12	1601-19-672-012	Mrinalini Rao B	P
13	1601-19-672-013	Pravalika K	
14	1601-19-672-014	Preethi Muthyala	P
15	1601-19-672-015	Prema D	P
16	1601-19-672-016	Priyanka Anantharam	P
17	1601-19-672-018	Sakshi Jain	P
18	1601-19-672-020	Sarayu B	P
19	1601-19-672-021	Sirisha Manukonda	P
20	1601-19-672-022	Vyshnavi Datta Gandhi Sreeramulu	A
21	1601-19-672-023	Sujana Manapuram	P
22	1601-19-672-024	Tanishq P	A
23	1601-19-672-025	Vaishnavi M.R.	P
24	1601-19-672-026	Akshay Methri	A
25	1601-19-672-027	Aravind Vedala	P
26	1601-19-672-028	Arun Chowhan M	P
27	1601-19-672-029	Asif Khan Md	A
28	1601-19-672-030	Bharath Kondreddy	P
29	1601-19-672-031	Brahmeswara Rao Urimella	P
30	1601-19-672-032	Fayaz Kurpalli	P
31	1601-19-672-033	Hem Kumar Reddy Maryada	P
32	1601-19-672-034	Luka Emmanuel Juttike	P
33	1601-19-672-035	Naresh U V	P



34	1601-19-672-036	Nikhil Kumar Daiki	P
35	1601-19-672-037	Nilesh Konakalla	P
36	1601-19-672-038	Puneet KumarAvvaldar	P
37	1601-19-672-039	Rafiuddin Ansari Md	A
			P
38	1601-19-672-040	Raja Shekar Goud Gadamidi	
39	1601-19-672-041	Rajashekar T	P
40	1601-19-672-042	Rajesh Kaniganti	P
41	1601-19-672-043	Rakshan Gireddy JP	P
42	1601-19-672-044	Ramesh P	P
43	1601-19-672-045	Randeep Reddy M	P
44	1601-19-672-047	Sai Dinesh Rachapudi	P
			P
45	1601-19-672-049	Shashikanth Nagulapally	P
46	1601-19-672-050	Shiva Prasad Madipadiga	P
47	1601-19-672-051	Sitarama Akhil Bangaru	P
48	1601-19-672-052	Sri Hari Bandaru	P
49	1601-19-672-053	Srikanth Neerati	A
50	1601-19-672-054	Srikanth Meravath	P
51	1601-19-672-055	Srikanth S V V	P
52	1601-19-672-056	Srinivas Ch.	P
53	1601-19-672-057	Sudheer Goud Chitla	P
54	1601-19-672-058	Surya K	P
55	1601-19-672-059	Venkata Narasimha Reddy Yennam	P
56	1601-19-672-060	Venkata Sai Krishna Karthik Muktevi	P
57	1601-17-672-001	AARTI	P
58	1601-19-672-061	Aishwarya Pulpa	A
59	1601-19-672-063	Anuhya Rao Nagineni	A
60	1601-19-672-064	Divija Dinnepadu	A



**Memorandum of Understanding  
Between**

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, HYDERABAD (A)**

**AND**

**SAPIENT SYSTEMS**



This **Memorandum of Understanding** (“MOU” also called “Agreement”) is made as of the 19<sup>th</sup> of December, 2019 between **Chaitanya Bharathi Institute of Technology, Hyderabad** (here in after called “**CBIT(A)**” or “**Institute**”) and **SAPIENT SYSTEMS** is ISO certified and having its Registered Office at Plot No. 130, 1-10-1/216/130, Bhagawan Colony, Chakripuram, Kushaiguda, Hyd-62, (TS) INDIA.

**1. Introduction**

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (CBIT (A))**, established in the Year 1979, esteemed as the Premier Engineering Institute in the States of Telangana and Andhra Pradesh, was promoted with an Objective to facilitate the Best Engineering and Management Education to the Students and contribute towards meeting the need of Skilled and Technically conversant Engineers and Management Professionals, for the Country that embarked on an Economic Growth Plan. In its four decades of existence, all the Stake Holders of the Institute relentlessly endeavored to position CBIT (A) as an Institution that is a Leader and an Innovator in the Ecosystem of Engineering Higher Education and Management. With the Students being the singular Objective, the Institute has established excellent Infrastructure such as State-of – the Art Laboratories, spacious Library with Printed and Digital Collection of Books and Journals, Sports, Hostel, and other Infrastructure for Research,

Innovation, Incubation, Entrepreneurship, Extra and Co-Curricular Engagements with a total built-up Area of about 57,714 Sq. Mts., in the serene Ambience of 50 Acres to inspire, encourage and pursue Academics. In its relentless strive for Academic excellence; CBIT (A) has scaled great heights both nationally and internationally in Industry and Global Universities.

**SAPIENT SYSTEMS** Established in year 2006, "Sapient Systems" is manufacturer of LED lighting, control systems etc. and provide training & internship to students.

## **2.0 Recitals**

'SAPIENT SYSTEMS' is interested in engaging with CBIT(A) in areas of mutual interest as framework outlined below but not necessarily restricted to those mentioned in 2.1 to 2.2.

CBIT(A) is having faculties with expertise in the area of Electrical, Mechanical, ECE, Bio-Tech, Chemical, CSE, IT and other emerging technologies areas, whose services can be availed by MSME Industries in Hyderabad to develop new products/process and software required by the customers and the society. Ministry of MSME, GOI, has approved MSME Incubation Centre at CBIT(A) to conduct various Programs. The services of Experts available with CBIT (A) can be availed by 'SAPIENT SYSTEMS' an MSME, to develop new products/process and incubate new ideas required by the customers and the society. The Proposed Interaction will also help students of CBIT (A) to have industry interaction and involvement in development projects taken up by SAPIENT SYSTEMS along with CBIT(A) or live projects being carried out by SAPIENT SYSTEMS for other organizations under their internship. The industrial visits by the students will provide them with an exposure to various equipment, design, software and manufacturing/business process etc.

2.1 Innovative designs and development in the fields of Electrical, Electronics and Control systems.

2.2 Development of Innovative products for Capital Good Sector

In consideration of the above recitals and the mutual benefits to be derived hereafter, the parties agree to enter into an agreement as follows:

## **ARTICLE – I: Scope of the MoU**

This MoU details the modalities and general conditions regarding collaboration between CBIT(A) and SAPIENT SYSTEMS for enhancing, within the country, the availability of highly qualified manpower in the areas LED Lighting and control systems etc. for Multidisciplinary product development.. The area of interaction will also include training and internship of CBIT(A) students to work on live projects at SAPIENT SYSTEMS The areas of cooperation can be further extended through mutual consent.

## **ARTICLE – II: Scope and Terms of Interactions**

Both CBIT (A) and SAPIENT SYSTEMS shall encourage interactions between the Institutes, Students, Staff and Engineers, of both the organizations through the following arrangements:

1. Practical training of CBIT (A) students at SAPIENT SYSTEMS in the form of One-full Semester Internship.
2. Joint guidance of student projects/thesis in various technical areas including Embedded Systems, related Technologies and other areas of national interest at CBIT(A) by SAPIENT SYSTEMS on mutual agreement.
3. SAPIENT SYSTEMS may depute its personnel as visiting faculty at CBIT(A) to supplement the teaching of any specialized topics.
4. SAPIENT SYSTEMS will allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
5. SAPIENT SYSTEMS may be allowed to showcase its business activities at the Seminar/Workshop/Conference, etc. if possible, at CBIT (A) that will be conducted time-to-time, with necessary permission from CBIT (A).
6. SAPIENT SYSTEMS may avail library facilities at CBIT (A) for combined projects for students' project work with necessary permission from the Institute.
7. There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.

8. If the outcome of a project related to product development, process technology and design etc. which involves matter of secrecy and concern with security of the State and the Country, the same will not be allowed for publication/printing in any form such as Electronically/verbal, etc.
9. If the outcome of an Internship or the Thesis work or the combined project results into an intellectual property, for which rights can be secured, it will be decided on case-to-case basis depending upon the contribution from both the Institution. Similarly, sharing of expenditure in securing such rights and income accrued through royalty etc. will be decided on case- to-case basis after mutual consultation and agreement.

### **ARTICLE-III: Sharing of Facilities**

- a) SAPIENT SYSTEMS shall extend its facilities for CBIT (A) students towards the smooth conduct of Internships and Projects depending on their convenience and availability of time & staff.
- b) CBIT (A) and SAPIENT SYSTEMS may explore to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation depending upon availability of such facility without affecting their regular working.
- c) CBIT (A) and SAPIENT SYSTEMS will permit the sharing software and other components developed during any combined project work in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility regarding confidentiality terms of the software and other materials during the exchange will rest on respective Head of department of the branch/section and SAPIENT SYSTEMS.
- d) SAPIENT SYSTEMS provide access to the library facilities to the members of faculty and students as per the prevailing rules and norms.



#### **ARTICLE-IV: Effective Date and duration of the MoU.**

- a) This MoU will be effective from the date of its approval by competent authorities at both ends.
- b) The duration of the MoU will be for a period of 5 years from the effective date which may be extended after mutual understanding. However, if any Important combined projects are under execution, both parties agree to complete the work even the MoU is not effective after two years.
- c) During its tenancy, the MoU may be extended or terminated by a prior notice of not less than one month by either party. However, termination of the MoU will not in any manner affect the interests of the students & faculty who have been admitted to pursue a Training/Project under the MoU. Any clause or article of the MoU may be modified or amended by mutual agreement of SAPIENT SYSTEMS and CBIT (A).

#### **ARTICLE - V: IPR**

Rights regarding publications, patents, royalty, ownership of software/design/product developed etc. under the scope of this MoU, will be decided by CBIT (A) and SAPIENT SYSTEMS based on Mutual agreement.

#### **ARTICLE – VI: Confidentiality**

During the tenure of the MoU both CBIT (A) and SAPIENT SYSTEMS will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MoU for any purpose other than in accordance with this MoU.

#### **ARTICLE – VII: AMENDMENTS**

Any amendment and/or addenda to the AGREEMENT should be in writing and signed by the PARTIES hereto and shall only after such execution be deemed to form part of the AGREEMENT and have the effect of modifying the AGREEMENT to the extent required by such amendment or addenda.

## **ARTICLE – VIII: Compensation, Force Measure, Approval and Dispute Settlement**

### **a) Compensation**

Neither Party shall be liable to the other for any incidental, indirect, special or consequential damages, including but not limited, to loss of profits, loss of use, loss of revenues or damages to business or reputation arising out of or in connection with this Agreement or any aspect thereof. Neither Party shall be liable to the other by reason of the termination or expiry of this Agreement for compensation or damages on account of the loss of prospective business or on account of expenditures in expectation thereof.

### **b) Force Majeure**

Any delay or failure in performance by the party to this Agreement, shall not constitute default hereunder to give rise to any claims for damages against said party, if any, to the extent caused by matters beyond the control of said party including but not limited to acts of Nature, Strikes, Lock outs or other concerted acts of workmen, fires, floods, explosions, blockages, embargoes, riots, war (declared or undeclared), rebellion, sabotage, extraordinary severe weather, pandemic situation, civil commotion and criminal acts of third persons.

### **c) Approval of the MoU**

This Agreement may be signed by authorized officials, whether by original signature or by scanned signature (provided the pdf documents accompanied with official email), signature/approval over official email, with the same effect as if the signature to any counterpart was an original signature upon the same instrument.

### **d) Dispute and Settlement**

i) In case of any dispute (s), steps shall be taken by the parties to the MOU to settle the same through amicable negotiations. In case, dispute is not settled in negotiations, it shall be referred to Conciliator appointed by the designated official as per the bye law of CBIT (A), Hyderabad to arrive at a settlement.

ii) Applicable Laws and Jurisdiction of Courts

Indian laws both substantive and procedural, for the time being in force, including modifications thereto, shall govern the MOU including the arbitral proceedings. The competent Courts at Hyderabad in the State of Telangana - India shall have sole jurisdiction. All questions, disputes, differences arising under, out of or in connection with this MOU shall be to the exclusive jurisdiction of Hyderabad courts in the State of Telangana.

**For**

**SAPIENT SYSTEMS**  
Chakripuram, Kushaiguda,  
**Hyderabad**

Yours sincerely,  
For SAPIENT SYSTEMS

(Authorized signatory)

**By**

**Name: D Ravinder Reddy**  
CEO Sapient Systems

**Witness:**

**For**

**Chaitanya Bharathi Institute of Technology (A)**  
**Hyderabad**



Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)

Gandipet, Hyderabad-500 075

**By**

**Name**

**Principal**



**Witness:**




**HEAD**

Dept. of EEE, CBIT (A)  
Gandipet, Hyderabad - 75

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A), HYDERABAD-75**  
**Department of Electrical and Electronics Engineering**

SAPIENT SYSTEMS Engineer interacting with the Faculty and students of EEE Dept. CBIT(A) during introductory session about LED lighting and control on 21/01/2021.



  
**HEAD**  
Dept. of EEE, CBIT (A)  
Gandipet, Hyderabad - 75

# MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as MOU) is signed on **9<sup>th</sup> Jan, 2018** by and between

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY** herein referred as **CBIT (A)** located at Gandipet, Hyderabad-500075, (FIRST Party)

And

**SWECHA**, a non-profit for organization herein called SWECHA located at SVK, beside CGG, SY No. 91, Gachibowli, Hyderabad-32, (SECOND Party)

Whereas CBIT(A) is the first private engineering college in Telangana, established in 1979 was promoted with an objective to facilitate the Best Engineering Education to the Students.

SWECHA, a non-profit for organization founded in 2005 to support SWECHA project. It is community of Software users, students, academicians, and Software professionals/developers determined to provide quality software built on the guidelines of free software development models and it is part of Free Software Movement of India.

AND whereas, the parties recognize each other's competencies and hereto agree that a strategic relationship between them will mutually benefit each other.

**NOW this MOU aims to capture the understanding reached between SWECHA and CBIT (A) regarding each other's roles and responsibilities.**

## **I) UNDERSTANDING:**

This MOU is intended to cover a specific collaborative effort between SWECHA and CBIT(A) to make the student's industry ready by introducing several programs.

## **II) ROLES AND RESPONSIBILITIES:**

### **Role of SWECHA:**

- To provide awareness on Free and Open Source Software.
- Collaboration and guidance on curriculum development
- To create Research awareness through open knowledge systems, discussion sessions, open talks, seminars, guest lectures, Workshops, Faculty development Programs, Conferences etc.
- Technical support for infrastructure design and implementation.
- Industry-oriented training programs, Internships, Hackathons, social impact projects, community services.
- To explore the possibilities of mutual support between the Institute and Industry in learning, hiring, and research requirements based on mutual convenience.
- To provide offline and Online Training with Certifications on emerging technologies, Competitive Coding.
- To provide regular inputs for up-gradation of the Course curriculum to suit the

industry requirements.

**Role of CBIT (A):**

- CBIT shall provide infrastructure to support the activities.
- CBIT shall nominate one or two faculty members as SPOCs for the smooth conduction of events.
- CBIT shall give a minimum of two to three weeks prior information for conducting any program in association with SWECHA.
- CBIT shall give opportunity to host national or international events that are mutually benefit to each other.

III) GENERAL AND VALIDITY

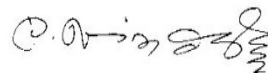
- a) The agreement between SWECHA and CBIT would be for a period of ONE year.
- b) This MOU may be amended, renewed, and terminated by mutual written agreement of the SWECHA and CBIT at any time with prior intimation.
- c) Unless otherwise agreed by the Parties separately in writing, each Party will be responsible for its own individual costs in conducting its duties and obligations under this MOU.
- d) Either SWECHA or CBIT shall have the right to terminate this MOU upon 60 days prior written notice to the other party.

**Summary:**

IN WITNESS WHEREOF, each of the parties hereto has caused this MOU to be duly executed by a duly authorised representative of such party as of the date first above written

**SWECHA**

**Chaitanya Bharathi Institute of Technology**



Signature:

Signature:

Name: D Bhuvan Krishna

Name: Dr.P.RAVINDER REDDY

Title: General Secretary

Title: Principal

Date: 9<sup>th</sup> Jan 2018

Date: 9<sup>th</sup> Jan 2018